

Raghvendra Institute of Pharmaceutical Education & Research (RIPER)

Pharmacy

Part A : Institutional Information

1 Name and Address of the Institution

Raghvendra Institute of Pharmaceutical Education & Research (RIPER),
Krishnamreddypalli cross, Chiyyedu Post, Anantapur, Andhra Pradesh

2 Name and Address of Affiliating University

Jawaharlal Nehru Technological University Anantapu

3 Year of establishment of the Institution:

2002

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 checked="" type="radio"/> Self financing | <input type="checkbox"/> Any Other(Please Specify) |

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

Name of Institutions	Year of Establishment	Programs of Study	Location

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
Pharmacy	UG	2002	2002	60	Yes	100	Granted accreditation for 5 years for the period (specify period)	2014	2021	Yes	4

Sanctioned Intake for Last Five Years for the Pharmacy

Academic Year	Sanctioned Intake
2020-21	100
2019-20	100
2018-19	100
2017-18	100
2016-17	100
2015-16	100

M.Pharm (Pharmaceutical Quality Assurance)	PG	2018	2018	18	No	18	Not eligible for accreditation	--	--	No	2
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M. Pharm (Pharmaceutical Analysis)	PG	2008	2008	10	Yes	18	Eligible but not applied	--	--	No	2
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Sanctioned Intake for Last Five Years for the M. Pharm (Pharmaceutical Analysis)

Academic Year	Sanctioned Intake
2020-21	18
2019-20	18
2018-19	18
2017-18	42
2016-17	42
2015-16	42

M. Pharm (Pharmaceutics)	PG	2010	2010	18	Yes	18	Eligible but not applied	--	--	No	2
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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
Sanctioned Intake for Last Five Years for the M. Pharm (Pharmaceutics)											
Academic Year						Sanctioned Intake					
2020-21						18					
2019-20						18					
2018-19						18					
2017-18						36					
2016-17						36					
2015-16						54					
M. Pharm (Pharmacology)	PG	2010	2010	18	No	18	Eligible but not applied	--	--	No	2
M.Pharm (Pharmacy Practice)	PG	2013	2013	24	Yes	18	Eligible but not applied	--	--	No	2
Sanctioned Intake for Last Five Years for the M.Pharm (Pharmacy Practice)											
Academic Year						Sanctioned Intake					
2020-21						18					
2019-20						18					
2018-19						18					
2017-18						24					
2016-17						24					
2015-16						24					
M.Pharm (Industrial Pharmacy)	PG	2018	2018	18	Yes	9	Not eligible for accreditation	--	--	No	2

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
Sanctioned Intake for Last Five Years for the M.Pharm (Industrial Pharmacy)											
Academic Year						Sanctioned Intake					
2020-21						9					
2019-20						9					
2018-19						18					
2017-18						0					
2016-17						0					
2015-16						0					
Pharm D	PG	2018	2018	30	No	30	Not eligible for accreditation	--	--	No	6
Pharm D (PB)	PG	2018	2018	10	No	10	Not eligible for accreditation	--	--	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	2020-21		2019-20		2018-19	
	MIN	MAX	MIN	MAX	MIN	MAX
Faculty in Pharmacy (Male)	38	44	36	40	30	38
Faculty in Pharmacy (Female)	23	25	23	27	17	19
Faculty in Science & Humanities (Male)	03	04	04	04	04	04
Faculty in Science & Humanities (Female)	02	02	02	02	01	01
Non-teaching staff (Male)	30	30	30	30	28	31
Non-teaching staff (Female)	19	19	13	13	13	13

B. Contractual* Employees (Faculty and Staff):

Items	2020-21		2019-20		2018-19	
	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	2020-21	2019-20	2018-19
Total No. of Boys	45	39	41
Total No. of Girls	62	69	59
Total	107	108	100

PG Shift-1

Total number of Pharmacy students	2020-21	2019-20	2018-19
Total No. of Boys	53	40	71
Total No. of Girls	30	49	61
Total	83	89	132

Diploma Shift-1

Total number of Pharmacy students	2020-21	2019-20	2018-19
Total No. of Boys	29	32	29
Total No. of Girls	37	29	31
Total	66	61	60

11 Vision of the Institution:

To create professionally competent and socially sensitive pharmacists, capable of working in multifaceted environment with newer evolving technology

12 Mission of the Institution:

To enable our students to develop into outstanding professionals and aware of the immense responsibilities to make the world better in the field of pharmacy.

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

Head of the Institution	
Name	Dr Yiragamreddy Padmanabha Reddy
Designation	Principal
Mobile No.	9848543932
Email ID	ypreddyatp@gmail.com

 NBA Coordinator, If Designated

Name	Mr Hari Hara Sudhan
Designation	Associatee Professor
Mobile No.	8825575055
Email ID	sudhankrnt@gmail.com

PART B: Criteria Summary

Criteria No.	Criteria	Total Marks	Institute Marks
1	VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES	50	50.00
2	PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES	150	150.00
3	COURSE OUTCOMES (COS) AND PROGRAM OUTCOMES (POS)	100	100.00
4	STUDENTS' PERFORMANCE	180	141.35
5	FACULTY INFORMATION AND CONTRIBUTIONS	175	167.19
6	FACILITIES	120	120.00
7	CONTINUOUS IMPROVEMENT	75	71.87
8	STUDENT SUPPORT SYSTEMS	50	50.00
9	GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	100	100.00
	Total	1000	950

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	To create professionally competent and socially sensitive pharmacists, capable of working in multifaceted environment with newer evolving technology	
Mission of the institute	To enable our students to develop into outstanding professionals and aware of the immense responsibilities to make the world better in the field of pharmacy.	
Vision of the Department	To make committed and competent pharmacy graduates for the service of the Nation	
Mission of the Department	Mission No.	Mission Statements
	M1	Impart competent knowledge, and skills to pharmacy students by well qualified and committed faculty with state-of-the-art infrastructure.
	M2	Create research, self-learning, eco- friendly ambience for the students and inculcate the societal responsibility in their minds to build a better healthcare system.
	M3	Train the students to improve leadership qualities, ability to work in multifaceted environment with excellent communication skills.
	M4	Encourage the students to become entrepreneurs and to make them job providers

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

Total Marks 5.00

PEO No.	Program Educational Objectives Statements
PEO1	Graduate of the program will have successful technical / professional careers in pharmaceutical industry and/ or institute and/or Health care system
PEO2	Graduate of the program will continue to learn and adapt in the globe of constantly developing trends
PEO3	Graduate of the program will have foundation in science, formulation technology, synthetic knowledge, Discovery tools as per the requirement of Pharmaceutical sectors
PEO4	Graduates will possess professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, and an ability to correlate Pharmaceutical Sciences issues to broader social context

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

Total Marks 15.00

Institute Marks : 15.00

The vision, Mission and PEOs are displayed/printed/published at the following,

- College website <http://riper.ac.in>
- College premises
- Notice boards
- Principal's cabin
- Practical Record Books
- Brochures
- Class rooms

Dissemination of Institutes Vision, Mission and PEOs

Though the display of Vision, Mission and PEOs at the website is enough to reach out all the stakeholders of the Institute, we took additional measures to reinforce the same in order to coordinately move towards the Vision.

Institute displayed the vision, mission and PEOs at appropriate places in the campus so as to disseminate the internal stakeholders and external stakeholders who visit the college.

We are displaying the vision, mission and PEOs of the college in the LED projector whenever the institute organizes any meeting/events/conferences/seminars/workshops at the Seminar hall.

Various Brochures of the institute designed to contain vision, mission and PEOs appropriately.

1. **Students:** In orientation program itself the students are exposed to the vision, mission and PEOs of the institute by eminent faculty. Additionally in-campus display and printed record books also reinforce the aim of the institute.
2. **Parents:** Website display, admission brochures and campus displays are the main modes to disseminate among the parents. Apart from this vision, mission and PEOs are also discussed during parents meetings when ever conducted at the campus.
3. **Faculty and staff:** Campus display ensures those teaching and non-teaching faculties to make aware of the vision, mission and PEOs of the institute. Discussion of the same at the faculty meeting and Involvement of faculty in designing the PEOs are other modes of dissemination.
4. **Alumni:** Though the alumni are aware of the vision, mission and PEOs, we disseminate the same at alumni meet and collecting feedback periodically in-order to make change in the Mission and PEOs to cope with technological advancements and industry requirements.
5. **Management/Governing Body:** During governing body meetings the vision, mission and PEOs are displayed and discussed.
6. **Public/Industry/Academic experts /Employers:** Though the website serve the purpose, we constantly circulate the vision,mission and PEOs during our communications.

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

Total Marks 10.00

Institute Marks : 10.00

Origin of Vision and Mission of the Institute.

The vision and Mission statements are defined by a collaborative process. it is a shared vision defined and started with four pharmacy professionals, who are founders of this institution. The shared vision effort started with personal vision, because it makes institution becomes a tool for people's self-realization, rather than a machine they are subjected to in the following.

- Treated all the stakeholders as equal.
- Involved every department in the institution. Avoided 'Sampling'
- encouraged Independence and diversity

- Seek alignment, not agreement.
- Expected and nurture reverence for each other
- Considered using an ' Interim Vision' to build momentum

Some of the lead questions used in the creation of the Vision and Mission statements of the institute are,

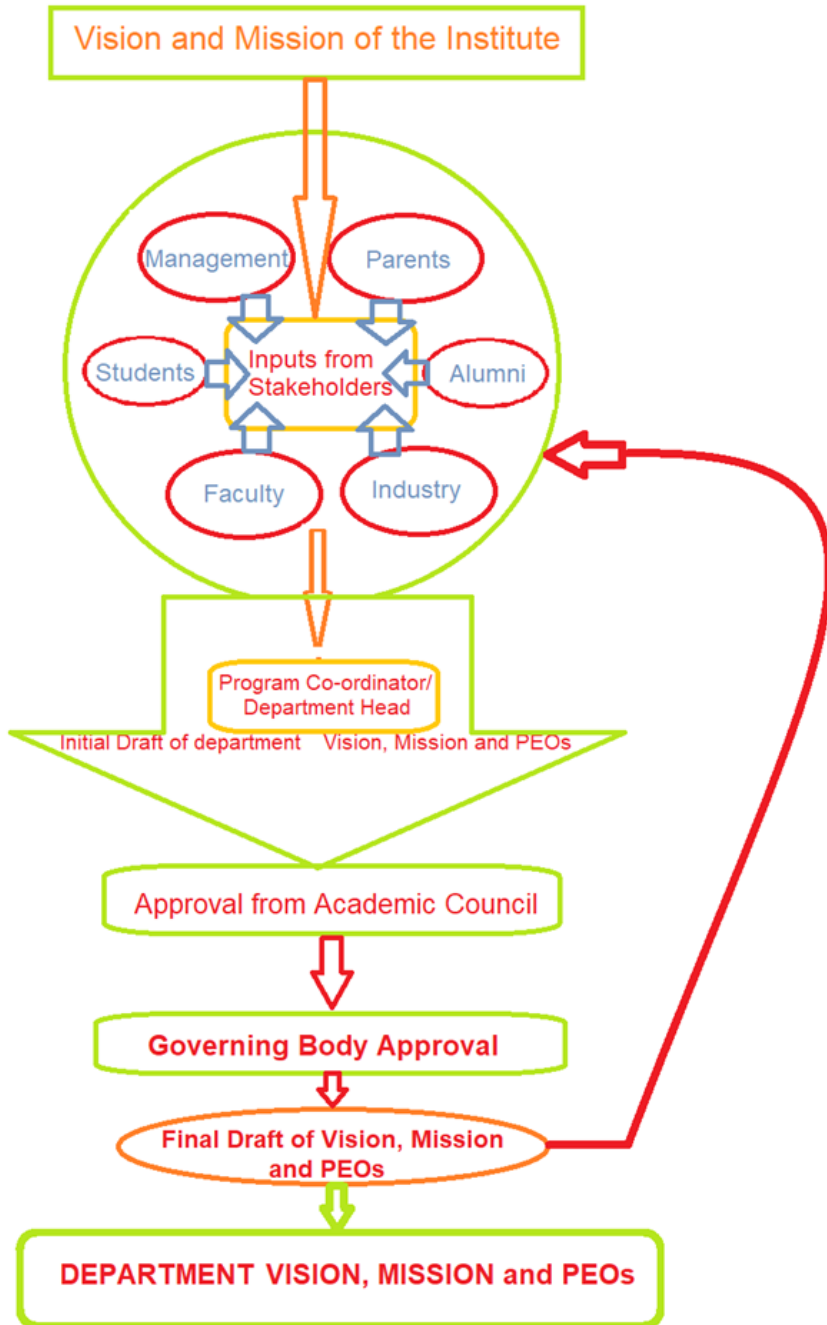
- *What are the critical elements in our system?*
- *Who are the current stakeholders today – inside and outside / Global?*
- *What are the most influential trends in our institution ?*
- *What aspects of our institution empower people?*
- *How is the strategic plan currently used?*
- *What major losses do we fear?*
- *What do we know that we need to know?*
- *Who are the stake holders of the institution?*

Based on the above Institute established Vision and mission statment as well as quality policy for the institute.

Establishment of Departmental Vission, Mission and PEOs

Institute follows the following process to establish/review/change the Vision, Mission and PEOs of the departments.

- Step.1:** Keep original Vision and Mission of the Institute as base.
- Step.2:** Collect Inputs from various stakeholders of the Institute.
- Step.3:** Draw the initial draft by analyzing the inputs from stakeholders by Departmental head/Program coordinator.
- Step.4:** Discussion in Academic council meetings and approvals.
- Step.5:** Governing body approval and final draft for stakeholders discussion/accepted Vision,Mission and PEOs



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

Total Marks 15.00

Institute Marks : 15.00

All the PEOs are highly consistent with the mission statements of the department to make committed and competent pharmacy graduates for the service of the Nation.

- PEO1 - It is justified through components of course curriculum, Industry/hospital interaction, research/internship works, professional guidance activities of the Institute, placement records, higher education records and entrepreneurship activities.
- PEO2 - It is justified through modern methods of teaching, highly competent faculty, Usage of ICT tools, availability of self learning material, availability of ICT facilities, updated facilities along with national/international exposure of our institute.
- PEO3 - It is justified through selection & skill upgradation of competent faculty to fulfill the structured academic components in order to provide required knowledge and skills to the pharmacy graduate by using state of the art infrastructure facilities.
- PEO4 - This is justified through, Co-curricular, extra-curricular activities, NSS activities, entrepreneurship activities and gained pharmacy knowledge through the program of study.

PEO Statements	M1	M2	M3	M4
Graduate of the program will have successful technical / professional careers in pharmaceutical industry and/ or institute and/or Health care system	3	3	2	3
Graduate of the program will continue to learn and adapt in the globe of constantly developing trends	3	3	3	3
Graduate of the program will have foundation in science, formulation technology, synthetic knowledge, Discovery tools as per the requirement of Pharmaceutical sectors	3	2	3	3
Graduates will possess professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, and an ability to correlate Pharmaceutical Sciences issues to broader social context	3	3	3	2

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

1. At present the Institute follows the curriculum (includes CBCS) designed by the Academic council of the Raghavendra Institute of Pharmaceutical Education and Research, (Autonomous Institution) and as directed by the University grant commission (UGC), as well as the Jawaharlal Nehru technological University Anantapur (JNTUA), Andhra Pradesh. The current curriculum content also stick to the norms of Pharmacy Council of India (PCI).
2. The present curriculum Structure and courses content is provided in the following link. Microsoft Word - Title pages & index (riper.ac.in) (<https://riper.ac.in/wp-content/uploads/2021/03/B.Pharm-Autonomous-Syllabus-Regulations-ACY-2016-17.pdf>)
3. It clearly defines eligibility, program details, attendance requirements, Distribution of Weightage of Marks, minimum academic requirements, Award of degree, transitory regulation, withholding of results and award of class along with general requirements for regular as well as lateral entry students.
4. The Assessment tools/evolution is also mentioned clearly.
5. Syllabus specifies number of lectures and hours of practical in each course along with tutorial hours and credit system followed for promotion to the next semester or year.
6. The Teaching & Examination Scheme specifies the duration and marks of both Internal and External Theory and Practical examination.

7. As per the curriculum;

i) The internal exam constitutes of continuous internal assessments.

ii) The external exam constitutes end semester examination comprising of theory and practicals.

8. The Percentage of mark distribution for end Semester and Internal examination is 75% and 25% respectively.

9. Course outcomes are designed for all courses in curriculum.

10. Course content is designed to attain all the Program outcomes.

The syllabus contents are delivered using a mixture of conventional and modern methods of teaching. In addition, to generate interest and enthusiasm among students, innovative teaching and learning techniques are followed in both theory and practical sessions. These include group discussion, seminars, making of charts and models, giving assignments or projects to students based on their area of interest and organizing competitions during practical. Also weaker students are given additional support by arranging tutorial classes and mentorship to cater the individual needs.

The compliance of curriculum for attainment of POs is as shown in the following tables.

Mapping of Curriculum with POs (Autonomous Syllabus from 2016-17 onwards)

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C101	Y		Y								
C102	Y		Y								
C103	Y		Y					Y			Y
C104	Y		Y	Y				Y	Y	Y	Y
C105	Y	Y	Y	Y	Y	Y	Y			Y	Y
C106	Y					Y			Y		
C107	Y	Y		Y	Y			Y		Y	
C108	Y	Y	Y	Y	Y		Y	Y		Y	
C109	Y	Y	Y	Y	Y	Y	Y			Y	Y
C110	Y	Y			Y		Y	Y	Y		
C201	Y		Y	Y		Y	Y		Y	Y	Y
C202			Y		Y	Y	Y	Y	Y	Y	Y
C203	Y		Y	Y		Y		Y	Y		
C204	Y					Y			Y		
C205	Y		Y			Y	Y	Y		Y	Y
C206	Y		Y	Y	Y	Y	Y	Y			
C207		Y	Y		Y			Y			
C208	Y	Y	Y		Y	Y		Y	Y		
C209		Y	Y	Y	Y	Y	Y				
C301	Y	Y	Y					Y			
C302	Y	Y		Y	Y			Y			Y

C303	Y	Y	Y	Y							
C304	Y		Y	Y				Y			
C305		Y	Y	Y	Y			Y			
C306		Y		Y	Y			Y			
C307	Y	Y	Y	Y						Y	
C308	Y		Y	Y				Y			
C401	Y	Y	Y	Y	Y						
C402	Y		Y			Y			Y		
C403	Y					Y	Y	Y	Y		Y
C404	Y	Y			Y	Y				Y	
C405		Y	Y	Y	Y			Y			
C406	Y	Y			Y	Y	Y	Y	Y		
C407		Y	Y	Y			Y	Y			
C409						Y		Y		Y	Y
C501	Y	Y	Y	Y		Y			Y	Y	Y
C502	Y	Y	Y			Y			Y		
C503	Y	Y				Y		Y	Y	Y	Y
C504	Y	Y	Y	Y	Y			Y	Y		
C505	Y		Y			Y		Y	Y	Y	
C506	Y	Y	Y	Y	Y	Y	Y	Y			
C507	Y		Y	Y			Y	Y		Y	
C508	Y	Y	Y		Y			Y			
C510											
C511	Y	Y	Y	Y		Y	Y	Y	Y		
C601	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y
C602				Y		Y	Y	Y	Y		Y
C603	Y		Y			Y			Y		
C604	Y	Y	Y	Y				Y			Y
C605	Y	Y	Y	Y							
C606	Y	Y	Y	Y			Y	Y		Y	
C607		Y	Y		Y	Y	Y		Y		
C608		Y	Y	Y	Y			Y			

C609	Y	Y	Y	Y							
C611		Y	Y		Y			Y			Y
C701	Y	Y		Y		Y	Y	Y	Y		Y
C702	Y		Y					Y			
C703	Y	Y	Y			Y		Y	Y		
C704	Y		Y	Y		Y		Y	Y	Y	Y
C705	Y	Y	Y		Y	Y	Y	Y			Y
C706		Y		Y	Y			8			
C707	Y	Y	Y				Y		Y	Y	
C708	Y	Y	Y	Y		Y	Y	Y			
C710											
C711	Y	Y			Y	Y			Y		
C801	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y
C802	Y	Y			Y	Y		Y	Y		
C803	Y	Y	Y	Y	Y	Y	Y	Y	Y		
C804	Y		Y	Y	Y			Y	Y	Y	Y
C805		Y	Y	Y	Y			Y			
C806		Y	Y	Y	Y	Y	Y			Y	Y
C807	Y	Y	Y				Y	Y			Y

Mapping of Curriculum with POs (JNTUA Syllabus Upto 2015-16 Batch)

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C101	Y		Y								Y
C102	Y		Y		Y			Y			
C103	Y	Y			Y			Y			
C15R52101	Y				Y			Y			
C104	Y	Y	Y	Y	Y	Y	Y			Y	Y
C105	Y					Y		Y			
C106	Y		Y			Y	Y	Y	Y	Y	Y
C107		Y	Y	Y	Y	Y	Y			Y	Y
C108	Y				Y		Y	Y			
C109	Y		Y	Y		Y	Y		Y	Y	

C201	Y	Y	Y			Y		Y		Y	Y
C202	Y	Y	Y	Y	Y			Y			
C203	Y		Y	Y		Y	Y	Y	Y	Y	Y
C204	Y	Y	Y	Y		Y		Y	Y	Y	Y
C15A52201		Y	Y		Y	Y		Y	Y		Y
C205		Y	Y		Y	Y		Y		Y	Y
C206	Y	Y	Y	Y	Y			Y			
C207	Y		Y	Y			Y	Y	Y		Y
C208	Y	Y	Y		Y		Y	Y		Y	
C301	Y	Y	Y	Y				Y		Y	
C302	Y	Y	Y		Y						
C303	Y	Y	Y			Y		Y	Y	Y	
C304	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y
C15A01101	Y	Y	Y		Y	Y		Y	Y	Y	
C305	Y	Y		Y	Y			Y			
C306	Y	Y	Y		Y			Y			
C307	Y		Y	Y		Y			Y		Y
C308	Y	Y	Y	Y				Y			
C401	Y	Y	Y	Y							
C402	Y		Y			Y		Y	Y		
C403	Y	Y	Y	Y	Y			Y	Y		Y
C404	Y	Y	Y					Y			
C405	Y		Y			Y		Y			
C406	Y	Y	Y	Y							
C407	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y
C408	Y	Y	Y		Y			Y			
C409	Y	Y	Y		Y			Y			
C501	Y		Y	Y		Y		Y	Y		Y
C502	Y	Y				Y			Y		
C503	Y	Y	Y	Y	Y				Y		
C504	Y	Y	Y		Y	Y	Y		Y		
C505	Y	Y	Y	Y							

C506	Y		Y	Y		Y		Y		Y	
C507	Y	Y				Y	Y				
C508		Y	Y	Y	Y			Y			
C509		Y	Y	Y	Y			Y			
C15A99501					Y	Y	Y		Y	Y	Y
C601	Y		Y			Y			Y		
C602	Y	Y	Y	Y							
C603	Y	Y	Y	Y					Y		
C604					Y	Y	Y	Y	Y		Y
C605											
C606											
C607	Y	Y	Y	Y							
C608		Y	Y	Y			Y		Y		
C609	Y	Y	Y	Y	Y	Y		Y			
C610	Y	Y	Y					Y			
C15A52602	Y	Y	Y		Y	Y	Y	Y	Y		Y
C701	Y	Y	Y	Y				Y			
C702	Y	Y	Y			Y			Y		
C703	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y
C704	Y		Y	Y		Y		Y	Y		Y
C705											
C706											
C707	Y	Y	Y	Y	Y	Y	Y	Y	Y		
C708	Y	Y	Y					Y	Y		
C709	Y	Y			Y		Y		Y		
C710	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y
C801	Y	Y	Y	Y				Y			
C802	Y	Y					Y		Y		Y

The above tables show that the curriculum structure clearly covers all the POs sufficiently.

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

Institute Marks : 20.00

2020-21

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

2019-20

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

2018-19

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

2.1.3 Adherence to Academic Calendar (10)

Institute Marks : 10.00

Before autonomous status, at the starting of every academic year, Institute prepared and followed academic calendar based on the affiliating University circulars (JNTUA) and instructions. Institute strictly followed the same throughout every session in the past years. The Institute acknowledges that if any changes observed in that were due to the timely circulars and notifications of the affiliating University only.

After the autonomous status the Institute prepares its own academic calendar in the following manner based on the guidelines issued by JNTUA, AICTE, PCI and UGC.

1. Programs heads plan and prepare academic planner for the corresponding programs in a coordinated way in consultation with Examination committee by considering list of holidays announced by the state government of Andhra Pradesh.
2. Co ordinance and Coherence factors of the initial version of academic calendar are verified by academic director followed by principal.
3. Academic Development committee approves and implement the academic calendar of the Institution as per the directions of Academic council.

The students and faculty are notified about the academic calendar as soon as the Academic Development committee approves. Faculties prepare their own teaching plan based on the academic calendar in advance.

The calendar contains commencement date of each semester, first spell Instructions, first mid exams, second spell Instructions, second mid exams, (third spell and third mid exams if applicable), end semester theory exams, end semester practical exams and vacations period (If any). The academic calendar also provides space for conducting Co-curricular and Extra-curricular activities. Similarly the Co-curricular and extra-curricular activities are conducted without affecting the academic calendar. The Institute always sticks to the prepared academic calendars.

Accordance of academic activities with prepared academic calendar is ensured by Program heads, Academic Director and Principal throughout the session.

College academic development committee periodically review the progression of academic activities to ensure the completion of planned course of action.

Changes and deviations in the above course of action are subject to the notifications and circulars of regularity authorities of central Government of India as well as state government of Andhra Pradesh.

2.2 Teaching-Learning Processes (110)

Total Marks 110.00

2.2.1 Initiatives in teaching and learning process (25)

Institute Marks : 25.00

Teaching Learning Process

RIPER Designed and follow a formula for effective and efficient academic activities. It is as follows.

"2F and 2P are 4 Pillars of Teaching and Learning Process"

They are as follows.

1. **Faculty for Teaching and Learning**
2. **Facilities for Teaching and Learning**
3. **Pedagogy of Teaching and Learning**
4. **Process of Teaching and Learning**

Faculty for Teaching and Learning

- The Staff selection committee follows a strict scrutiny process to bring out a competent faculty to the teaching and learning process.
- We Maintain a Blend of multifaceted faculty from different Universities to ensures wider exposure to the students
- Institute maintains a proper ratio with prescribed qualification of faculty to ensure quality of teaching in a cost efficient way.
- Institute encourages faculty to go for Skill up gradation (FDP/STTP/Workshops/Seminars/Publications and Presentations/etc) by the way of providing various monetary and non monetary benefits.
- Institute provides sabbatical leaves to faculty to work at foreign universities to pursue post doctoral fellowships, to undergo training at national Institutions like NIPER and to undergo summer research fellowships

Facilities for Teaching and Learning

- Institute always maintain more than sufficient facilities for teaching and learning process. (Evident from various accreditations, accords, approvals and rankings)
- Modern ICT facilities are also available at the Institute.
- We maintain State of the art research facilities which are continually updated. (27 laboratories amongst 06 are exclusive research laboratories)
- Facilities for Co-curricular and Extra-curricular activities.(Conductance of Various Co-curricular and extra-curricular activities)
- Exclusive Language Laboratory
- Medicinal Garden for field learning
- Drug Museum for model learning

Pedagogy of Teaching and Learning

The Institute follows a blended mixture of conventional and modern teaching methods.

Modern Teaching methods:

The paradigm shift in conventional pedagogy of pharmaceutical education urges advancement and sustainability to promote competency and performance in graduating students. The shift towards development of educational programs is well supported, and encouraged by the emerging information and communication technologies (ICT). The Institute follows ICT enabled teaching in addition to the conventional classroom education; this benefit individual student with:

- Increased access.
- Flexibility of content and delivery.
- Combination of work and education.
- Learner-centered approach.
- Higher-quality of education.
- Individualize the teaching or guidance method as per the student's need.
- New-ways of interaction (synchronous or asynchronous interaction).
- Eliminates time and geographical barriers in teaching-learning process.
- Enhances group collaboration.
- Provide leadership role.
- Provides a platform for teachers to formulate innovative pedagogic methods.

Besides traditional teaching-learning capabilities, the institute ensures that the faculty members are well versed in using the ICT enabled learning tools such as power-point presentations, audio-video clippings, YouTube video sources and etc, to expose the students for advanced knowledge and practical learning.

Facilities available for modern teaching tools are as follows

- Entire institution is Wi-Fi enabled.
- Classrooms are sufficiently furnished with LCD/OHP/Computers to serve the needs.
- Most of the faculty use interactive methods for teaching.
- **Draw Tools** : Chem Draw, Marvin Sketch, Chem Writer, Pymol
- **Molecular Modelling** : Swiss Param, Swiss SideChain,
- **Homology Modelling** : Schrodinger - Desmond, I - TASSER, SWISS-MODEL Repository

- **Docking** : Schrodinger - Glide, DOCK, iGemdock
- **Softwares and Databases**
- JGate Biomedical Sciences
- Ex pharma (Virtual Pharmacology)
- Drug Development and Formulation Optimization (SigmaTech, Design Expert, Mini tab)
- Poison and Drug Information Databases (Micromedex, MedicinesComplete and Clinical Pharmacology)
- Pubchem, Zinc database, Zinc15 database, JChem for Excel, Protein data bank (PDB), Binding MOAD (Mother for All Database), PDB bind, STITCH, SMPDB.
- **Screening** : Discovery Studio, Pharmer, Catalyst
- **QSAR** : Avogadro
- **ADME Toxicity** : Stardrop-Derek Nexus, PACT-F, TOXNET

Conventional Teaching Methods

Though many modern ICT tools are used for teaching and learning, equal importance has been given to conventional teaching methods with due care that the essence of conventional teaching is not at all affected at any cost.

The major emphasis is on classroom interaction in terms of chalk and board teaching, seminars, debates, group discussions, assignments, and quiz/tests/viva. The class room teaching is being practiced to make teaching a two way interactive process rather than a one way instruction process.

The laboratory practical sessions designed to aid the students to learn through realities and observation, apply the theoretical concepts/procedures, Group learning and materialize the ideas/thoughts.

Facilities for Conventional Teaching Methods.

Institute offers more than the sufficient facilities laid down by the regulatory and statutory bodies of India/Andhra Pradesh/University in every aspects. Highlights of available academic facilities are as follows.

- **Total Area:** 12 acre with 12140.56 Sq.Meters of Buildup area and a separate sports ground
- **Class rooms:**14 class rooms and 9 tutorial rooms
- **Recreation facilities:**Two seminar halls of varying size, Open auditorium, yoga center, gym, indoor sports room, girls rest room, boys rest room,
- **Library:** Equiped with More than 12000 volumes, Journal/periodical subscriptions, e-contents and e-subscriptions as well as fully Automated.
- **Research facilities:** 27 laboratory (6 exclusive Research laboratories) with Ph.D approved center by JNTUA and Manipal Academy of Higher Education (MAHE). CPCSEA approved animal house.

Process of Teaching and Learning

Orientation programs: Teaching and learning process begins with an orientation program for the freshers. The key part of this program is to orient and introduce the students towards professional education and to boost their capabilities and tune them towards the course of study..

Course allotment: Academic advisor and program heads allot the subjects based on the specialization and interest of the individual faculties with due consent. The workload is distributed to faculty as per the norms for effective teaching.

Teaching Plan: Faculty prepares their own lesson plan based on the academic calendar and time table in advance. Teacher identify the weaker students, slow learners and advance learners during the course of study by using various assessment tools.(Previous semester results, class test, Laboratory performance, viva performance, Midterm examinations). Tutorial classes for the weaker students are being conducted to improve their performance. Advanced learners and meritorious students are awarded yearly. Economically weaker and Meritorious students are supported monetarily.

GPAT cell: Direct the advance learner to aim high and guide them to achieve the same.

Course File: Each faculty maintains a course file for their concerned subject and respective laboratory if any. It contains details of planned course of action as well as actual for academic delivery.

Student Mentorship Program: In view of individual attention, for effective academic and personal guidance, institute has a made a Student mentorship Program.

Apart from the above regular teaching processes, the students are also undergoing the following processes as part of the teaching and learning to develop as a multifaceted professional with humanity and social responsibilities..

- **Conference presentations**
- **Institutional Conferences/Workshop**
- **Guest lecture**
- **Training program**
- **Industrial visits**
- **Community Service Programs**
- **Women empowerment activities**
- **NSS activities**

- **Entrepreneurship programs**
- **National days/Events**

(Blood Donation Camp, Pharmacist Day, Annual day, Teachers day, Women's day, Freshers' party, Farewell Day, Parent-Teacher meet, Alumni meet, Yoga Day Celebration and etc)

Impact:

Impact of the Teaching learning Process is evident in the following.

1. University Rank Holders
2. Better Research activities
3. Quality of Projects
4. Qualification in Competitive examinations
5. Higher studies
6. On campus and Off campus placements
7. Entrepreneurs
8. Admissions from national and international level
9. Perception of stakeholders

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

Institute Marks : 10.00

Academic Year 2014-15 and 2015-16.

The Institute followed the curriculum defined by affiliating University JNTUA, Anantapur.

Internal Theory Examinations

- As per the JNTUA curriculum, for theory subjects the distribution for internal assessment and for the end examination shall be 30 marks and 70 marks.
- For continuous assessment during the semester, there shall be two midterm examinations (in case of semester pattern) and three midterm examinations (in case of year end pattern).
- The question paper of midterm examination consists of objective paper for 10 marks and subjective paper for 20 marks. Final internal marks shall be arrived at by considering the marks secured by the student in all three mid examinations with 80% weightage to the average marks of the best two midterm examinations and 20% to the other.
- Question papers of internal examinations are set by concerned subject faculty in the college and external examination question papers are set by JNTUA university panel of examiners.
- For self –enrichment and academic exploration there shall be audit pass course in communication skills lab with no credits. Student shall be declared pass in the audit course only when he/she secures 40% or more in the internal examinations.
- Student shall be eligible to appear for University examinations if he/she acquires a minimum of 75% of attendance in aggregate of all the subjects in a semester.

Name of Direct assessment tool	Type	Weightage (Marks)
Mid term	Continuous (Formative)	30
End Examination	End Assessment (summative)	70
	Total	100

Practical Examinations

For practical subjects there shall be a continuous evaluation during the semester for 25 sessional marks and end examination shall be for 50 marks.

- Day to day work assessment shall be evaluated for 25 marks by the concerned laboratory teacher based on the regulatory/record/viva.
- The end examination shall be conducted by the concerned laboratory teacher and senior expert in the same subject of the department/faculty from any other institute affiliated to JNTUA.

Name of Direct assessment tool	Type	Weightage (Marks)
Day to Day	Continuous (Formative)	25

End Examination	End Assessment (summative)	50
	Total	75

Academic Year 2016-17

The Institute become autonomous from Academic year 2016-17. So as per the Academic council of the Raghavendra Institute of Pharmaceutical Education and Research, (Autonomous Institution) and as directed by the University grant commission (UGC), as well as the Jawaharlal Nehru technological University Anantapur (JNTUA), Anthra pradesh, the Institute conducted internal examination with strict norms.

The Pattern of Question paper, duration of Examination, Date of Examinations, Evaluation and result announcement are based on the procedures, rules and regulations of the statutory bodies.

The performance of a student in each semester shall be evaluated course-wise with a maximum of 100 marks for theory and 100 marks for practical subject. In addition to that online exams, assignment, seminar and project work shall be evaluated

For theory examinations

For theory subjects the distribution for continuous assessment and End assessment shall be 30 marks and 70 marks respectively. For theory subjects, during the semester there shall be One sessional examination, which include both objective and descriptive questions for the duration of 1 hour 30 minutes. One class test should be conducted at pre-midterm and one should be as post midterm tests. The test may be conducted for 20 marks and best score need to be converted to 10 for continuous assessment.

For theory subject, the sessional examination shall be conducted after the 8th week of instruction. There will be one midterm theory examination conducted for 30 marks. It has to be converted to 15 for continuous assessment.

The midterm examination shall be conducted once in the middle of the semester provided that the schedule should be indicated in the academic calendar.

- For self –enrichment and academic exploration there shall be audit pass course in communication skills lab with no credits. Student shall be declared pass in the audit course only when he/she secures 40% or more in the internal examinations.

Name of Direct assessment tool	Type	Weightage (Marks)
Class Test	Continuous (Formative)	10
Mid term	Continuous (Formative)	15
Assignment	Continuous (Formative)	5
End Examination	End Assessment (summative)	70
	Total	100

Practical Examinations

For practical subjects there shall be a continuous day to day evaluation based on lab work / record (10 marks), participation based on portfolio and attendance (5 marks) and there will be a midterm examination along with midterm theory examinations. The midterm practical examinations should be conducted for 30 marks. It has to be converted to 15 for continuous assessment.

Name of Direct assessment tool	Type	Weightage (Marks)
Lab work (Day to Day)	Continuous (Formative)	10
Midterm examination	Continuous (Formative)	15
Participation	Continuous (Formative)	5
End Examination	End Assessment (summative)	70
	Total	100

2.2.3 Quality of Students projects (15)

Institute Marks : 15.00

Project Allotment

- The faculty having PG degree and minimum of 5 years of teaching experience or Ph.D can serve as guide.
- Students are categorized according to their interested topic of research work. After that they are allow to draw the available guide name from the respected stream of research work.
- Attendance for the project guidance maintained by the respective guides.

Project Evaluations (Evaluation guidelines)

- To bring out students innovative thoughts project work shall be conducted. Project work shall start in IV – I and shall continue in the semester break. Total marks for the project work will be for 200 marks.
- 60 marks shall be for internal evaluation and 140 marks for the End Examination (Presentation & Viva-voce).The viva- voce shall be conducted by a committee consisting of HOD, Project supervisor and an external examiner nominated by the Controller of examinations.
- The evaluation of the project work shall be conducted at the end of the IV year – II semester. The internal evaluation shall be made by the departmental committee, on the basis of two seminars given by each student on the topic of his/her project.
- There shall be an industrial visit as an audit course to minimum of two industries during III/II summer vacation. The student shall submit a technical report to the department and present a seminar on the visit. The report and the presentation shall be evaluated by the departmental committee consisting of head of the department and two senior faculty members. There shall be no external examination. The student shall be declared pass only when he/she secures 40% or more in the internal examinations.
- Plagiarism with a report of less than 30% will be considered at the time of final submission.
- Most of the students scored more than 80% in their project work in the previous years.

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

Institute Marks : 20.00

The Research and Development and Training and Placement cell of the Institution constantly make interaction with Industries and Hospitals and strives to make collaboration with them for the benefit of the stakeholders to achieve the vision and mission of the Institute.

Research and Development collaborations

R & D, for carrying out student's project, industrial visits, hospital visits, clinical pharmacy learning (internship and training) and practices, have made collaborations and MoU's with following reputed Universities, industries and healthcare settings.

Collaborations with academia and Research Organizations

- The College of Pharmacy and Pharmaceutical Sciences, The University of Toledo, USA.
- National Institute of Research in Tuberculosis (NIRT), Chennai (WHO approved Research center in India).
- Yenapoya University, Mangalore, Karnataka.
- Indian Institute of chemical Technology (IICT), Hyderabad.
- Parul University, Baroda.

Collaborations with Hospital & Industries

- Rural Development Trust (RDT) Hospital, Bathalipalli for Pharm. D and M. Pharmacy – Pharmacy Practice students for carrying out their projects and advanced clinical pharmacy practice training.
- Waksman Selman Pharmaceutical Pvt. Ltd, Ananthapuramu.
- Rexer Pharma Pvt Ltd, Hyderabad
- AIMEX Pharma, Hyderabad.
- M/s Pellets Pharma Ltd, Medak
- Trimurthy formulations Pvt Ltd, Hyderabad
- RA Chem Pharma Ltd, Hyderabad
- Fortis Healthcare Limited, Mulund, Mumbai for training Pharm. D students in clinical pharmacy services.
- Celebron Solutions Pvt. Ltd., Madapur, Hyderabad for National Skill Certification and Monetary reward scheme under "Pradhan Mantry Kaushal Vikas Yojna".

Apart from this R & D interact with Industries to get consultancy works for the Institutions. The following Link contains the consultancy work carried out in last five years. (Present in the bottom table of the webpage)

Research Grants & Consultancies - Ripar (<https://riper.ac.in/research-grants/>)

Traning and Placement cell

The cell interact with the industry and hospitals to arrange Industrial training, Industrial visits, internships, Project works, On-campus interview and information about Off campus interviews

Placement details in last five years are given in the below table for B.Pharmacy.

2019-20	2018-19	2017-18	2016-17	2015-16
51	39	57	6	37

Total number of research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project works carried out due to industry interactions of Training and Placement cell is given in the following table.

2019-20	2018-19	2017-18	2016-17	2015-16
47	25	59	33	12

Initiative and Implementation

1. Curriculum itself contains industrial visit in III year as a prerequisite for completion of degree.
2. Recently introduced Practice school in the curriculum as a prerequisite for the completion of degree as measure to develop skill of the budding professionals.
3. Training and Placement cell exclusively look after industrial interaction to arrange industrial visits/internships, training programs, project works, clinical practice, guest lectures from industrial experts and project works apart from their regular on campus interviews.

Impact.

- Every years students undergo industrial visits and produce their reports.
- 176 students completed their internships/summer training/clinical practice/industrial projects through industrial/hospital interactions facilitated by the Training and placement cell. (Details available with Training and placement cell)
- Skill development through Practice School details available with program co-ordinator.

2.2.6 Continuous Evaluation Process (10)

Institute Marks : 10.00

For theory examinations – AY 2014- 2016

The institute follows according to the guidelines implemented by JNTU A University. The continuous evaluation is based on internal assessment of theory and practical conducted by institution and semester end examinations conducted by University.

- As per the JNTU A curriculum, for theory subjects the distribution for internal assessment and for the end examination shall be 30 marks and 70 marks.
- For continuous assessment during the semester, there shall be two midterm examinations(in case of semester pattern) and three midterm examinations (in case of year end pattern).
- The question paper of midterm examination consists of objective paper for 10 marks and subjective paper for 20 marks. Final internals marks shall be arrived at by considering the marks secured by the student in all three mid examinations with 80% weightage to the average marks of the best two midterm examinations and 20% to the other.
- Question papers of internal examinations are set by concerned subject faculty in the college and external examination question papers are set by JNTU A university panel of examiners.
- For self –enrichment and academic exploration there shall be audit pass course in communication skills lab with no credits. Student shall be declared pass in the audit course only when he/she secures 40% or more in the internal examinations.
- Student shall be eligible to appear for University examinations if he/she acquires a minimum of 75% of attendance in aggregate of all the subjects in a semester.

Name of Direct assessment tool	Type	Weightage (Marks)
Mid term	Continuous (Formative)	30
End Examination	End Assessment (summative)	70
	Total	100

For theory examinations – AY 2016- 2017

The performance of a student in each semester shall be evaluated course-wise with a maximum of 100 marks for theory and 100 marks for particle subject. In addition assignment, seminar and project work shall be evaluated

For theory subjects the distribution for continuous assessment and End assessment shall be 30 marks and 70 marks.For theory subjects, during the semester there shall be 2 class tests, which include both objective and descriptive questions for duration of 45 minutes. One class test should be conducted at pre-midterm and one should be as post midterm tests. The test may be conducted for 20 marks and best score need to be converted to 10 for continuous assessment.

For theory subject, the midterm examination shall be conducted after the 8th week of instruction. There will be one midterm theory examinations should be conducted for 30 marks. It has to be converted to 15 for continuous assessment.

The midterm examination shall be conducted once in the middle of the semester provided that the schedule should be indicated in the academic calendar.

- For self –enrichment and academic exploration there shall be audit pass course in communication skills lab with no credits. Student shall be declared pass in the audit course only when he/she secures 40% or more in the internal examinations.

Name of Direct assessment tool	Type	Weightage (Marks)
Class Test	Continuous (Formative)	10
Mid term	Continuous (Formative)	15
Assignment	Continuous (Formative)	5
End Examination	End Assessment (summative)	70
	Total	100

For practical Examinations -AY 2014- 2016

- For practical subjects there shall be a continuous evaluation during the semester for 25 sessional marks and end examination shall be for 50 marks.
- Day to day work assessment shall be evaluated for 25 marks by the concerned laboratory teacher based on the regulatory/record/viva.
- The end examination shall be conducted by the concerned laboratory teacher and senior expert in the same subject of the department.
- Marks awarded by the college for both laboratory and sessional are not final. They will be subject to scrutiny and scaling by the University wherever necessary.

Name of Direct assessment tool	Type	Weightage (Marks)
Day to Day	Continuous (Formative)	25
End Examination	End Assessment (summative)	50
	Total	75

For practical Examinations– AY 2016- 2017

For practical subjects there shall be a continuous day to day evaluation based on lab work / record (10 marks), participation based on portfolio and attendance (5 marks) and there will be a midterm examination along with midterm theory examinations. The midterm practical examinations should be conducted for 30 marks. It has to be converted to 15 for continuous assessment.

Laboratory marks and the sessional marks awarded by the instructors are not final. They are subject to scrutiny and scaling by the chief controller of examinations, wherever felt desirable. In such conditions, the sessional and laboratory marks awarded by the College will be referred to a Committee. The Committee will arrive at a scaling factor and the marks will be scaled as per the scaling factor. The recommendations of the Committee are final and binding. The laboratory records and internal test papers shall be preserved in the respective departments as per the University norms and shall be produced to the Committees of the University/regulatory bodies as and when they ask for.

Name of Direct assessment tool	Type	Weightage (Marks)
Lab work (Day to Day)	Continuous (Formative)	10
Midterm examination	Continuous (Formative)	15
Participation	Continuous (Formative)	5
End Examination	End Assessment (summative)	70
	Total	100

2.2.7 Quality of Experiments (20)

Institute Marks : 20.00

- Our curriculum contains structured set of experiments which are required to meet the program outcomes.
- For each course lab manuals are available and students document in terms of records and observations.
- Institute has **27 laboratories** to conduct the experiments.
- All the laboratories are well ventilated and aerated and equipped with instruments more than the statutory norms.
- Equipments in the Laboratories are in good conditions and are periodically calibrated.
- Each equipment contains Standard Operating Procedures (**SOP**).
- Repairs are done immediately using respective qualified technicians only.
- Log book is maintained for the equipment which costs more than one Lakh rupees.
- Qualified Lab technicians are appointed and trained appropriately by the faculty in-charges.
- Sufficient number of Lab assistants also appointed to facilitate the ease of functioning.
- Demonstration of Laboratory equipment will be done at the beginning of the Practical session in each semester in the respective laboratory.
- The institution has a machine room with pilot-plant scale facility
- Sophisticated Instruments in **DST-FIST facilities** are placed separately under supervision of respective department faculty In-charges.
- The significance of documentation, especially SOPs, ICH guidelines, regulatory guidelines like US FDA, SUPAC, Sch. M etc. are followed and explained to students.
- The institution have well established **animal house** and maintained **according to CPCSEA guidelines**.
- Sufficient safety measures are provided in the each laboratory.
- All laboratories in the college are well equipped with sophisticated requirements. Demonstration of experiments and hands on experience on equipments are done by experienced faculty. Thus, students can correlate theoretical concepts with practical knowledge, enabling them to have a better understanding of the subject.
- Students are divided into batches each batch containing 30 students thereby students can perform comfortably.
- Stock registers are maintained and periodically verified to maintain sufficient glasswares and chemicals.
- Requirements for the laboratories are placed and procured from the store in advance.
- Student practical performance is a evidence of success for the quality of experiments conducted in the Institution.

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 06	Course Year :	2014-15
Course Name	Statements		
C1 06.1	Describe the structure and functions of cell and various tissues.		//
C1 06.2	Describe the structure (gross and histology) and functions of various organs and systems of the human body		//
C1 06.3	Explain the concept of health, disease, demography, family planning and communicable diseases.		//

Course Name :	C1 05	Course Year :	2014-15
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Course Name	Statements
C1 05.1	Demonstrate the knowledge of the inter-link of pharmaceutical sciences with pharmaceutical organic chemistry
C1 05.2	Explain the IUPAC Common system of nomenclature, types of organic reactions, and named reactions with mechanism.
C1 05.3	Analyze their skills for pharmaceutical organic chemistry concepts, tools and atomic models.

Course Name :	C2 01	Course Year :	2015-2016
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Course Name	Statements
C2 01.1	Relate nomenclature and reactivity of organic compounds
C2 01.2	Analyze electronic features of functional groups and possible chemical reactions
C2 01.3	Describe the fundamental theories of aromatic and polynuclear compounds

Course Name :	C2 04	Course Year :	2015-16
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Course Name	Statements
C2 04.1	Evaluate various crude drugs by studying their morphological characters
C2 04.2	Report the vegetation of different localities by preparing herbarium specimens

C2 04.3	Identify the phyto constituents by chemical tests	//
C2 04.4	Calculate swelling of mucilage present in herbal drugs	//

Course Name :	C3 01	Course Year :	2014-15
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Course Name	Statements	
C3 01.1	State the principles of volumetric and electro chemical analysis	//
C3 01.2	To Understand the medicinal and pharmaceutical importance of inorganic compounds and their analysis.	//

Course Name :	C3 04	Course Year :	2014-15
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Course Name	Statements	
C3 04.1	Define different states of matter	//
C3 04.2	Apply the appropriate principles in determining the physical properties of drug molecules	//
C3 04.3	Explain the methods of adjusting tonicity and pH	//

Course Name :	C4 03	Course Year :	2014-15
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Course Name	Statements	
C4 03.1	State the importance of Cell Processes, Bioenergetic and Cellular Reactions.	//

C4 03.2	Explain the biological functions of carbohydrates, proteins, lipids, nucleic acids (DNA & RNA), vitamins, minerals. enzymes and co-enzymes	//
C4 03.3	Acquire the knowledge on metabolism of carbohydrates, proteins and lipids	//

Course Name :	C4 04	Course Year :	2014-15
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Course Name	Statements	
C4 04.1	List the drugs from various natural resources and its taxonomy	//
C4 04.2	Describe the cultivation techniques of medicinal plants	//
C4 04.3	Distinguish the pure and adulterated crude drugs	//
C4 04.4	Analyze extraction techniques for lipids and oils	//

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 : C106

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C106.1	3 ▾	- ▾	- ▾	- ▾	- ▾	3 ▾	- ▾	3 ▾	- ▾	- ▾	- ▾
C106.2	3 ▾	- ▾	- ▾	- ▾	- ▾	3 ▾	- ▾	3 ▾	- ▾	- ▾	- ▾
C106.3	3 ▾	- ▾	- ▾	- ▾	- ▾	3 ▾	- ▾	3 ▾	- ▾	- ▾	- ▾
Average	3.00	0.00	0.00	0.00	0.00	3.00	0.00	3.00	0.00	0.00	0.00

2 . course name : C105

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
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C105.1	3	2	-	-	-	-	-	2	1	-	2
C105.2	3	-	2	-	-	-	-	-	-	2	-
C105.3	3	-	2	2	-	-	-	-	2	1	-
Average	3.00	0.00	1.30	0.60	0.00	0.00	0.00	0.60	1.00	1.00	0.60

3 . course name : C201

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C201.1	3	3	-	-	-	-	-	3	-	-	-
C201.2	-	-	3	-	-	-	-	-	-	2	3
C201.3	3	-	-	-	-	3	-	2	-	-	-
Average	2.00	1.00	1.00	0.00	0.00	1.00	0.00	1.66	0.00	0.66	1.00

4 . course name : C204

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C204.1	3	-	3	-	-	-	-	3	-	-	-
C204.2	3	3	2	-	-	3	-	-	-	2	-
C204.3	-	3	3	-	-	-	-	-	-	3	2
C204.4	-	3	3	3	-	-	-	-	2	-	-
Average	1.50	2.25	2.75	0.75	0.00	0.75	0.00	0.75	0.50	1.25	0.50

5 . course name : C301

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C301.1	2	1	3	-	-	-	-	-	-	-	-
C301.2	1	2	3	-	-	-	-	1	-	-	-
Average	1.50	1.50	3.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00

6 . course name : C304

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C304.1	3	2	1	-	-	-	-	-	-	-	-

C304.2	3	1	3	-	1	-	-	-	-	-	-
C304.3	3	1	2	-	-	-	-	-	-	-	-
Average	3.00	1.30	2.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00

7 . course name : C403

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C403.1	3	-	-	-	-	-	1	2	3	-	-
C403.2	3	-	2	-	-	1	2	3	2	-	1
C403.3	3	-	2	-	-	-	-	3	2	-	3
Average	3.00	0.00	1.30	0.00	0.00	0.30	1.00	2.60	2.30	0.00	1.30

8 . course name : C404

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C404.1	3	-	-	-	3	-	2	-	-	2	2
C404.2	3	3	-	-	-	2	3	-	-	-	-
C404.3	3	3	3	-	-	-	3	-	-	-	-
C404.4	3	3	3	-	-	-	-	3	-	-	-
Average	3.00	2.20	1.50	0.00	0.70	0.50	2.00	0.70	0.00	0.50	0.50

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
C101	0.66	2.66	2	PO4	0.66	PO6	PO7	0.66	PO9	PO10	PO11
C102	2.75	PO2	2.25	0.25	PO5	2	0.25	1	1.75	PO10	0.25
C103	2.66	1.66	PO3	0.33	0.33	1	PO7	1	PO9	PO10	PO11
C104	2.66	PO2	2.33	0.33	PO5	2	0.33	1	1.66	PO10	0.33
C105	3	0.66	1.33	0.66	PO5	PO6	PO7	0.66	1	1	0.66
C106	3	PO2	PO3	PO4	PO5	3	PO7	3	PO9	PO10	PO11
C107	2.66	PO2	2.66	PO4	PO5	1	0.66	0.66	1	3	0.66
C108	2	1	2	0.33	0.33	PO6	PO7	1	PO9	PO10	PO11

C109	2.66	PO2	2.66	PO4	PO5	1.33	1	0.33	1	1	PO11
C110	2.66	PO2	2.66	PO4	PO5	1	0.66	0.66	0.33	3	0.66
C111	PO1	3	PO3	PO4	3	PO6	3	3	PO9	PO10	PO11
C2101	1	PO2	0.66	1.66	2.66	2.66	0.66	3	PO9	0.66	1
C2502	1	2.33	0.66	0.66	2.66	1.33	PO7	2.66	PO9	PO10	2
C301	1.5	1.5	3	PO4	PO5	PO6	PO7	0.5	PO9	PO10	PO11
C302	2.6	1.33	PO3	2.66	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C303	2.75	PO2	2.25	0.75	PO5	1.5	0.5	0.75	1.5	PO10	0.5
C304	2.66	1.33	2	PO4	0.33	PO6	PO7	PO8	PO9	PO10	PO11
C305	3	PO2	PO3	PO4	PO5	3	PO7	3	PO9	PO10	PO11
C306	1	2.5	3	0.5	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C307	2.66	PO2	2.66	0.66	PO5	0.66	0.66	1.33	1	1	PO11
C308	1.33	2.33	2.33	PO4	0.33	PO6	PO7	2	PO9	PO10	PO11
C309	PO1	3	PO3	PO4	3	PO6	3	3	PO9	PO10	PO11
C401	2.75	2	0.5	PO4	1.5	0.5	PO7	1.5	1.25	2.25	PO11
C402	2.5	2.5	1	2.5	PO5	PO6	PO7	0.5	PO9	PO10	PO11
C403	3	PO2	1.33	PO4	PO5	1	1	2.66	2.33	PO10	1.33
C404	3	2.25	1.5	PO4	0.75	0.5	2	0.75	PO9	0.5	0.5
C405	2.66	1	2.33	PO4	PO5	PO6	PO7	0.33	PO9	PO10	PO11
C406	2	2.66	PO3	2.66	PO5	PO6	PO7	1	PO9	PO10	PO11
C407	2.66	PO2	3	1.66	PO5	1	PO7	PO8	1.66	1	1
C408	3	2.66	2.66	3	1	0.66	PO7	PO8	PO9	PO10	PO11
C409	2.66	2	1.66	PO4	0.33	PO6	PO7	1.66	PO9	PO10	PO11
C501	3	0.33	1.66	PO4	PO5	1.33	PO7	1	1.33	PO10	1
C502	2.8	PO2	3	1.8	PO5	1	PO7	PO8	1.8	0.6	1.4
C503	3	2.75	PO3	2.75	PO5	0.75	0.75	PO8	PO9	PO10	1.5
C504	2	2.25	2	PO4	0.5	PO6	PO7	0.5	PO9	PO10	PO11
C505	PO1	PO2	PO3	PO4	PO5	2.66	PO7	3	3	PO10	PO11
C506	2.66	1.33	2.33	1.33	PO5	0.66	PO7	0.66	0.33	1	1
C507	2.25	0.75	2.75	1.25	0.5	1.25	PO7	0.5	1	1.75	0.5

C508	2.66	3	1	2	1	PO6	1.66	PO8	PO9	PO10	PO11
C509	2	2.5	1.5	PO4	0.75	PO6	PO7	1.25	PO9	PO10	PO11
C601	2.66	0.33	1	PO4	PO5	1.33	0.33	1.66	2	1.66	1
C602	1.5	1.75	1.5	1	PO5	PO6	PO7	0.25	PO9	PO10	0.25
C603	PO1	PO2	PO3	PO4	PO5	3	PO7	3	3	PO10	PO11
C604	1	1	2	3	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C605	PO1	PO2	PO3	PO4	0.25	0.25	2	1	2.25	PO10	0.5
C608	2.33	1	2.66	1	0.66	1	PO7	0.33	1	1.66	0.33
C609	PO1	2.66	1	2.33	0.66	PO6	PO7	2	PO9	PO10	PO11
C610	PO1	3	PO3	PO4	3	PO6	3	3	PO9	PO10	PO11
C611	PO1	2	2.5	2.5	1	PO6	PO7	PO8	PO9	PO10	PO11
C701	1	PO2	PO3	1.25	0.75	0.75	1.25	PO8	0.75	PO10	0.75
C702	3	1	2.33	0.66	PO5	PO6	PO7	PO8	1.66	PO10	PO11
C703	PO1	PO2	PO3	PO4	PO5	3	PO7	3	3	PO10	PO11
C704	2.66	PO2	1.66	2	PO5	0.33	1.33	0.66	0.33	1	1
C707	3	0.75	0.75	1	0.6	0.8	0.8	2.2	1.4	PO10	PO11
C708	0.66	3	3	2	PO5	PO6	2.66	PO8	1	PO10	PO11
C709	1.33	1.66	3	PO4	PO5	PO6	PO7	1	PO9	PO10	PO11
C710	PO1	2.66	PO3	PO4	3	PO6	3	3	PO9	PO10	PO11
C711	1.66	1.66	1.66	1.66	PO5	0.33	PO7	0.66	0.33	0.66	0.66
C801	1.66	2.66	1.33	PO4	PO5	PO6	PO7	1.66	0.66	PO10	PO11
C802	1	2.22	0.8	0.4	2.8	1.2	PO7	2.8	PO9	PO10	1.2
C803	2	1	PO3	PO4	PO5	PO6	1.5	0.25	2	PO10	0.5
C804	2.5	PO2	2	3	1.5	PO6	PO7	1	PO9	PO10	PO11

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

1. Assessment process used to gather data on evaluation of courses outcome.

The academic development has made sole authority to gather and analyze the data regarding to CO and PO. The following members were made part.

1. Dr Y Padmanabha Reddy (Principal)
2. Dr K Ramakrishna Reddy (Academic Coordinator)
3. Dr P Ramalingam (Director – R&D)

4. Dr C Haranath (B Pharm – Director (UG))
5. Dr K Vinod Kumar (Controller of Examination)
6. Dr Abdul Ahad (Director – PG Studies)
7. Dr G Narayana (Director - PharmD)
8. All HODS of PG Department

Based on the above cited agenda 1, 2, 3, the members gathered and discussed at length and decided to recommended the following.

Attainment of course outcome

The data collection for the course assessment was based on the various assessment tools, which include both formative (continuous assessment) and summative assessment (End assessment). The various tools used in the assessment were as per the respective regulations. There were three syllabus regulations followed. The regulation for the respective passed out batch and remarks on syllabus mentioned below.

Table 1: The regulation for the respective passed out batch and remarks on syllabus

Passed out batch	Syllabus	Remarks
2020-21	PCI syllabus	50% Pass mark, Rigid syllabus heavily loaded
2019-20	RIPER-Autonomous	50 % Pass mark, moderately enriched, and moderate load as compared to JNTUA.
2019-18	JNTUA Syllabus	40% Pass mark
2018-17	JNTUA - Syllabus	40 % pass mark

Various formative assessments included are

1. Formative (continuous assessment): Scores recorded in Midterms, class tests, VIVA, Project work, End examinations, Assignment, seminar, open book examination, interactions, student portfolio through skills and performance in laboratory.
2. End assessment: End examination marks and the level of score/marks obtained.

Each expected knowledge and skills in graduates for a particular course syllabus has been framed as “Course outcome” based Blooms Taxonomy. The institute has organized three workshops of design and assessment of course outcome to teachers.

The model course outcome is appended below,

CO code	Description
303.1	Choose the analytical technique depending upon the drug substance/ drug product.
303.2	Analyse the physical/chemical property of the drug in a reproducible manner.
303.3	Adapt chromatographic techniques to isolate/separate the mixture of compounds.

The model course outcome and data collection template is appended below,

Example data collection for CO. (B. Pharmacy Syllabus Regulation' 2016 – Autonomous)

Year and Semester	B. Pharm 2 Year / Semester I
Course Name	Pharmaceutical Analysis
Course Code	16BPH303
Paper	Theory
Course type	Compulsory
Course instructions hours / weeks	4 hours
Credits	4 credits

Course instruction From....to.....	12.07.2017 to 11.12.2017
Name of the Instructor	Mr. CVN Naresh Babu

Course outcome (CO):

CO code	Description
303.1	Choose the analytical technique depending upon the drug substance/ drug product.
303.2	Analyse the physical/chemical property of the drug in a reproducible manner.
303.3	Adapt chromatographic techniques to isolate/separate the mixture of compounds.

Assessment tools

Name of Direct assessment tool	Type	Weightage (Marks)
Class Test	Continuous (Formative)	10
Mid term	Continuous (Formative)	15
Assignment	Continuous (Formative)	5
End Examination	End Assessment (summative)	70
	Total	100

Calculation of Course assessment:

Type assessment	Total students Appeared	Max. marks	Marks to % Set marks of 60%	No. students scored 60% & above	% Students to more than 60 % & above	Course outcome
Continuous	114	30	18	108	95.6	3
End Exam	114	70	42	77	67.5	2
Average Course outcome						2.5

(OR)

Type assessment	Total students Appeared	Max. marks	Marks to % Set marks of 60%	No. students scored 60% & above	% Students to more than 60 % & above	Course outcome
Overall results	114	100	60	90	78.9	2

While calculating

1. As the end examinations paper set by external examiner, the matrixing the end examination to particular COs is difficult.

2. Since March 2020 to June 2021, there was an absolute disturbance in the conduct of class work and practical (COVID-19 Lockdown), accordingly set % mark for calculation of the examination held these periods are relaxed / made status-co or average marks has been considered, whichever is high.
3. Most of the students are from Rural background and Telugu medium in addition foreign national students(Sudan), hence the set mark for First year courses also have been reduced when compared to Second, third, fourth year.

Table 1 on syllabus, indicated the there is an continues improvement in the curriculum structure and also the increased rigidity in the regulation in terms of Pass % allotted. Moreover, the Questions paper set by our autonomous regulation to the passed-out batch of 2020-21 and 2019-20, are relatively tougher than the question paper of JNTUA for the passed-out batch 2019-18 and 2018-17.

Hence the Academic development committee, recommend the following procedure for calculating the course outcome and program outcome.

Recommended Set % Marks for calculation Course outcome

Curriculum	CAY	I Year	II Year	III Year	IV Year
PCI	2020-21	55%	60%	60%	60%
Autonomous	2019-20	55%	60%	60%	60%
JNTUA	2018-19	50%	55%	60 %	60%
JNTUA	2017-18	50%	50%	55%	60%

Calculating the attainment level - Assessment of course outcome (Ref: NBA guidelines)

Option 1:

Attainment Level 1: 60% students scoring more than institution average percentage marks / set attainment level in the final examination is considered to be attainment of "1"

Attainment Level 2: 70% students scoring more than institution average percentage marks or set attainment level in the final examination is considered to be attainment of "2"

Attainment Level 3: 80% students scoring more than institution average percentage marks or set attainment level in the final examination is considered to be attainment of "3"

- Attainment is measured in terms of actual percentage of students getting set percentage of marks.
- 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.
- If targets are not achieved the program should put in place an action plan to attain the target in subsequent years.

Option 2:

Applicable only to Theory paper only:

If the % failure is more in that particular course or the Question paper was tough or if any out of questions or overall pass or % mark is less due to unknown cause, the 60% marks shall be % Set mark and the instructor shall assess the outcome both continuous assessment and end assessment individually then, sum them with appropriate weightage as per regulations (70: 30 or 80:20 as End assessment and continuous assessment ratio).

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

Institute Marks : 30.00

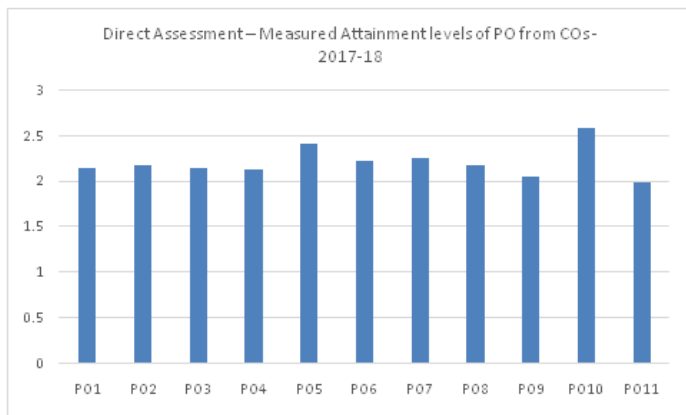
Attainment levels 2017 - 18

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
13R00101	0.9	0.9	0.9					0.9			
13R00102	0.9		0.9	0.9	0.9	0.9	0.9	0.9	0.9		

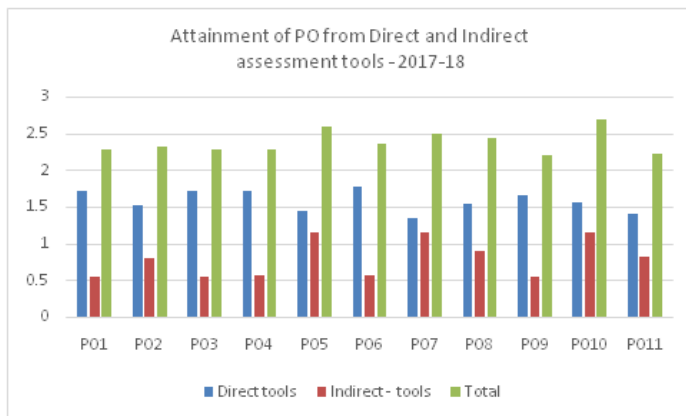
13R00107	3		3			3	3	3	3	3	
13R52101	3		3	3	3	3	3	3		3	3
13R00103	2	2		2	2	2		2			
13R00104	0.6		0.6	0.6		0.6	0.6	0.6	0.6		0.6
13R00105	1	1	1	1				1	1	1	1
13R00106	3					3		3			
13R00108	3	3	3	3	3			3			
13R00109	3		3			3	3	3	3	3	3
13R00110	3		3			3	3	3	3	3	3
13R00111		3			3		3	3			
13R00301	0.9	0.9	0.9					0.9			
13R00302	2	2		2				2			
13R00303	1		1	1		1	1	1	1		1
13R00304	2	2	2		2						
13R00305	3					3		3			
13R00306	3	3	3	3							
13R00307	3		3	3		3	3	3	3	3	
13R00308	3	3	3		3			3			
13R00309		3			3		3	3			
13R00401	3	3	3		3	3		3	3	3	
13R00402	2	2	2	2				2			
13R00403	3		3			3	3	3	3		3
13R00404	3	3	3		3	3	3	3		3	3
13R00405	1	1	1					1			
13R00406	3	3		3	3			3			
13R00407	3		3	3		3			3	3	3
13R00408	3	3	3	3	3	3					
13R00409	3	3	3		3			3			
13R00501	2	2	2			2		2	2		2
13R00502	3		3	3		3			3	3	3
13R00503	3	3		3		3	3				3
13R00504	1	1	1	1	1			1			

13R00505						3		3	3		
13R00506	3	3	3	3		3		3	3	3	3
13R00507	3	3	3	3	3	3		3	3	3	
13R00508	3	3	3	3	3		3				
13R00509	3	3	3		3			3			
13R00601	0.6	0.6	0.6			0.6	0.6	0.6	0.6	0.6	0.6
13R00602	2	2	2	2				2			2
13R00603						3		3	3		
13R00604	0.9	0.9	0.9	0.9							
13R00605					0.9	0.9	0.9	0.9	0.9		0.9
13R00608	3	3	3	3	3	3		3	3	3	
13R00609		3	3	3	3			3			
13R00610		3			3		3	3			
13R00611		3	3	3	3						
13A52502	0	0	0	0	0	0		0			0
13R00701	1	1		1	1	1	1		1		1
13R00702	0.3	0.3	0.3	0.3					0.3		
13R00703						0.7		0.7	0.7		
13R00704	0.9		0.9	0.9		0.9	0.9	0.9	0.9	0.9	0.9
13R00707	2	2	2	2	2	2	2	2	2		
13R00708	3	3	3	3			3		3		
13R00709	2.3	2.3	2.3					2.3			
13R00710		3			3		3	3			
13R00711	3	3	3	3		3		3	3	3	3
13R00801	0.9	0.9	0.9					0.9	0.9		
13R00802	0.9	0.9	0.9	0.9	0.9	0.9		0.9			
13R00803	2	2					2	2	2		2
13R00804	3		3	3	3			3			
	2.1557692	2.179069767	2.154352	2.132352941	2.417857	2.2272727	2.2565	2.19	2.0621	2.59375	2

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
2.156	2.18	2.154	2.132	2.418	2.227	2.256	2.19	2.062	2.593	2



Assessment year	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct tools	1.724	1.526	1.723	1.705	1.45	1.781	1.353	1.533	1.649	1.555	1.4
Indirect - tools	0.554	0.798	0.554	0.57	1.14	0.57	1.14	0.9	0.55	1.14	0.825
Total	2.278	2.324	2.277	2.275	2.59	2.351	2.493	2.433	2.199	2.695	2.225



Attainment levels 2018 - 19

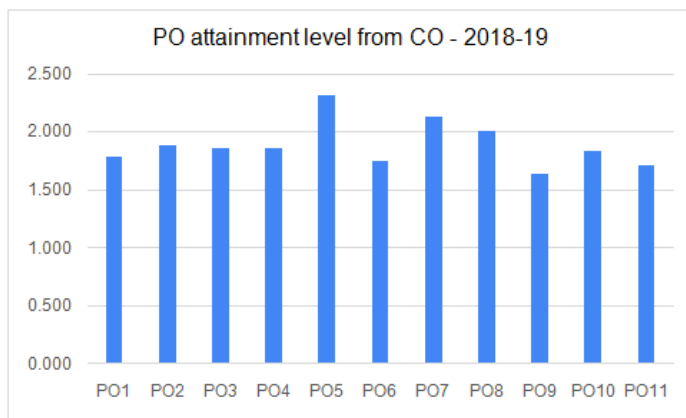
Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C101	0		0								0

C102	1		1		1			1			
C103	3	3			3			3			
C15R52101	2				2			2			
C104	1	1	1	1	1	1	1			1	1
C105	1					1		1			
C106	0.6		0.6			0.6	0.6	0.6	0.6	0.6	0.6
C107		3	3	3	3	3	3			3	3
C108	3				3		3	3			
C109	3		3	3		3	3		3	3	
C201	0	0	0			0		0		0	0
C202	2	2	2	2	2			2			
C203	0.9		0.9	0.9		0.9	0.9	0.9	0.9	0.9	0.9
C204	0.6	0.6	0.6	0.6		0.6		0.6	0.6	0.6	0.6
C15A52201		3	3		3	3		3	3		3
C205		3	3		3	3		3		3	3
C206	3	3	3	3	3			3			
C207	3		3	3			3	3	3		3
C208	3	3	3		3		3	3		3	
C301	0.6	0.6	0.6	0.6				0.6		0.6	
C302	1	1	1		1						
C303	0.6	0.6	0.6			0.6		0.6	0.6	0.6	
C304	1	1	1	1		1	1	1	1	1	1
C15A01101	1	1	1		1	1		1	1	1	
C305	3	3		3	3			3			
C306	3	3	3		3			3			
C307	3		3	3		3			3		3
C308	3	3	3	3				3			
C401	0.9	0.9	0.9	0.9							
C402	2		2			2		2	2		
C403	0.6	0.6	0.6	0.6	0.6			0.6	0.6		0.6
C404	1	1	1					1			
C405	2		2			2		2			

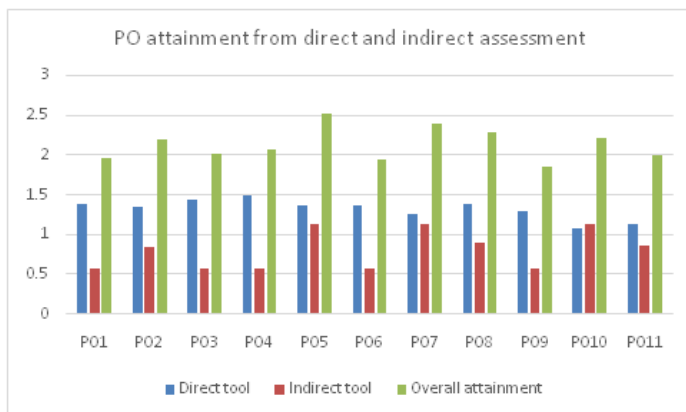
C406	3	3	3	3							
C407	3	3	3	3	3	3		3	3	3	3
C408	3	3	3		3			3			
C409	3	3	3		3			3			
C501	0.6		0.6	0.6		0.6		0.6	0.6		0.6
C502	0.9	0.9				0.9			0.9		
C503	1	1	1	1	1				1		
C504	0.9	0.9	0.9		0.9	0.9	0.9		0.9		
C505	0.9	0.9	0.9	0.9							
C506	3		3	3		3		3		3	
C507	3	3				3	3				
C508		3	3	3	3			3			
C509		3	3	3	3			3			
C15A99501					3	3	3		3	3	3
C601	0.9		0.9			0.9			0.9		
C602	0.9	0.9	0.9	0.9							
C603	1	1	1	1					1		
C604					0.6	0.6	0.6	0.6	0.6		0.6
C605											
C606											
C607	1	1	1	1							
C608		3	3	3			3		3		
C609	3	3	3	3	3	3		3			
C610	3	3	3					3			
C15A52602	3	3	3		3	3	3	3	3		3
C701	0.9	0.9	0.9	0.9				0.9			
C702	0.3	0.3	0.3			0.3			0.3		
C703	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9		0.9
C704	0.9		0.9	0.9		0.9		0.9	0.9		0.9
C705											
C706											
C707	2	2	2	2	2	2	2	2	2		

C708	3	3	3					3	3		
C709	3	3			3		3		3		
C710	3	3	3	3	3	3	3	3		3	3
C801	0.9	0.9	0.9	0.9				0.9			
C802	0.9	0.9					0.9		0.9		0.9
	1.736	1.913	1.798	1.871	2.290	1.709	2.090	1.970	1.607	1.782	1.618

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
1.781	1.885	1.865	1.863	2.319	1.752	2.135	2.002	1.640	1.832	1.717



Assessment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct tools	1.388	1.339	1.438	1.496	1.374	1.364	1.254	1.379	1.285	1.069	1.132
Indirect - tools	0.576	0.849	0.576	0.57	1.14	0.57	1.14	0.9	0.574	1.14	0.861
Total	1.964	2.188	2.014	2.066	2.514	1.934	2.394	2.279	1.859	2.209	1.993



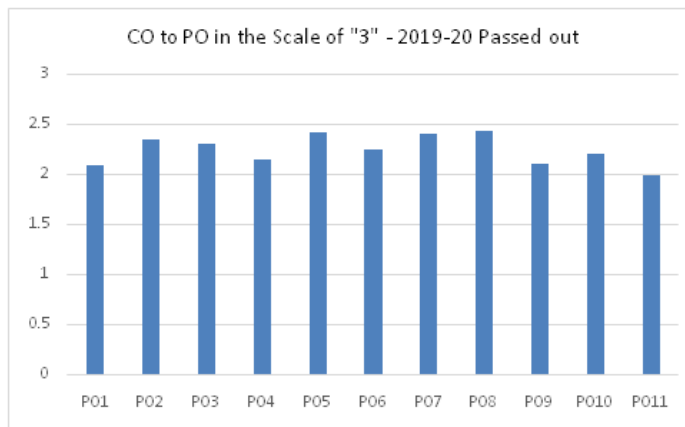
Attainment levels 2019 - 20

Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C101	1		1								
C102	0.9		0.9								
C103	0.9		3					3			3
C104	1		1	1				1	1	1	1
C105	0.9	0.9	0.9	0.9	0.9	0.9	0.9			0.9	0.9
C106	2					2			2		
C107	3	3		3	3			3		3	
C108	3	3	3	3	3		3	3		3	
C109	3	3	3	3	3	3	3			3	3
C110	3	3			3		3	3	3		
C201	1		1	1		1	1		1	1	1
C202			3		3	3	3	3	3	3	3
C203	1		1	1		1		1	1		
C204	3					3			3		
C205	2		2			2	2	2		2	2
C206	3		3	3	3	3	3	3			
C207		3	3		3			3			
C208	3	3	3		3	3		3	3		
C209		3	3	3	3	3	3				

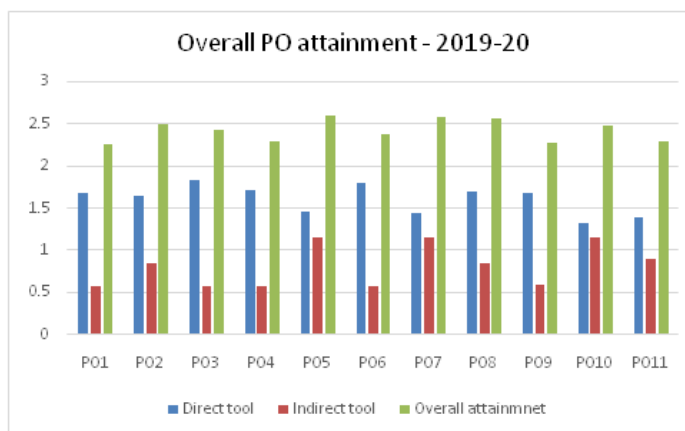
C301	0.6	0.6	0.6					0.6			
C302	1	1		1	1			1			1
C303	2.3	2.3	2.3	2.3							
C304	2		2	2				2			
C305		3	3	3	3			3			
C306		1.3		1.3	1.3			1.3			
C307	3	3	3	3						3	
C308	3		3	3				3			
C401	0.9	0.9	0.9	0.9	0.9						
C402	3		3			3			3		
C403	2					2	2	2	2		2
C404	0.9	0.9			0.9	0.9				0.9	
C405		3	3	3	3			3			
C406	3	3			3	3	3	3	3		
C407		3	3	3			3	3			
C409						3		3		3	2
C501	1.6	1.6	1.6	1.6		1.6			1.6	1.6	1.6
C502	3	3	3			3			3		
C503	2	2				2		2	2	2	2
C504	0.9	0.9	0.9	0.9	0.9			0.9	0.9		
C505	2		2			2		2	2	2	
C506	3	3	3	3	3	3	3	3			
C507	3		3	3			3	3		3	
C508	3	3	3			3			3		
C510											
C511	0.6	0.6	0.6	0.6		0.6	0.6	0.6	0.6		
C601	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9		0.9	0.9
C602				1.2		1.2	1.2	1.2	1.2		1.2
C603	2.5		2.5			2.5			2.5		
C604	2	2	2	2				2			2
C605	1	1	1	1							
C606	3	3	3	3			3	3		3	

C607		3	3		3	3	3		3		
C608		3	3	3	3			3			
C609	3	3	3	3							
C611		3	3		3			3			3
C701	1	1		1		1	1	1	1		1
C702	2		2					2			
C703	2	2	2			2		2	2		
C704	3		3	3		3		3	3	3	3
C705	3	3	3		3	3	3	3			3
C706		3		3	3			8			
C707	3	3	3				3		3	3	
C708	3	3	3	3		3	3	3			
C710											
C711	2	2			2	2			2		
C801	2	2	2	2	2	2	2	2	2		2
C802	3	3			3	3		3	3		
C803	2	2	2	2	2	2	2	2	2		
C804	1		1	1	1			1	1	1	1
C805		3	3	3	3			3			
C806		3	3	3	3	3	3			3	3
C807	3	3	3				3	3			3
	2.089	2.338	2.298	2.140	2.418	2.239	2.393	2.427	2.097	2.205	1.983

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
2.089	2.338	2.298	2.14	2.418	2.239	2.393	2.427	2.097	2.205	1.983



Assessment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct tools	1.6712	1.6366	1.8384	1.712	1.4508	1.7912	1.4358	1.6989	1.6776	1.323	1.3881
Indirect - tools	0.58	0.855	0.58	0.574	1.148	0.574	1.148	0.855	0.6	1.148	0.9
Total	2.2512	2.4916	2.4184	2.286	2.5988	2.3652	2.5838	2.5539	2.2776	2.471	2.2881



3.3 Attainment of Program Outcomes (40)

Total Marks 40.00

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

Institute Marks : 10.00

Assessment attainment level of Each POs.

Academic Development committee fixes the target attainment levels of each POs for the academic year based on the attainment of POs in the preceeding year.

For example the target attainment level of year 2019-20 has been given in the table.

2019-20	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Target level*	2.10	2.25	2.10	2.10	2.25	2.10	2.25	2.25	2.10	2.25	2.10

*Target set from attainment level of POs in the academic year of 2018-19.

Calculating the attainment levels - Assessment of Program outcomes

Ratio of Indirect and Direct Assessment tools to Program Outcome (Model given below-the ratio is fixed by Academic development committee and changes every year.)

Tools	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct - tools	80%	70%	80%	80%	60%	80%	60%	70%	80%	60%	70%
Indirect - tools	20%	30%	20%	20%	40%	20%	40%	30%	20%	40%	30%

Direct assessment of POs from COs

Various Direct assessment tools used

- Formative (continuous assessment): Scores recorded in Midterms, class tests, VIVA, Project work, End examinations, Assignment, seminar, open book examination, interactions, student portfolio through skills and performance in laboratory.
- End assessment: End examination marks and the level of score/marks obtained.

Each expected knowledge and skills in graduates for a particular course syllabus has been framed as "Course outcome" based Blooms Taxonomy. The institute has organized three workshops of design and assessment of course outcome to teachers.

Recommended Set % Marks for calculation Course outcome (Direct tools followed for SAR assessment period)

Curriculum	CAY	I Year	II Year	III Year	IV Year
PCI	2020-21	55%	60%	60%	60%
Autonomous	2019-20	55%	60%	60%	60%
JNTUA	2018-19	50%	55%	60 %	60%
JNTUA	2017-18	50%	50%	55%	60%

Indirect Assessment of Pos

List Indirect Assessment tools – B. Pharm Curriculum

- Course exit survey
- Parent's survey
- Graduate exit survey
- Alumni survey
- Employer survey
- Placement data
- Practice school feedback (PCI syllabus)
- Industrial training completion report (For JNTUA syllabus)
- Instrument training completion report
- Examiners Feedback
- Comprehensive examinations (Autonomous Syllabus)

Frequency of Indirect tools data collection

Indirect tools	Frequency
----------------	-----------

Course exit survey	6 months, After each semester end examination
Parent's survey	Yearly once during parent meet
Graduate exit survey	Yearly, while issuing transfer certificate
Alumni survey	Yearly, and throughout the year
Employer survey	Yearly
Placement data	Yearly
Practice school feedback (PCI syllabus)	Yearly, report assessment
Industrial training completion report (For JNTUA syllabus)	Yearly, at the end of training
Instrument training completion report	Yearly, at the end of training
Examiners Feedback	Throughout the year
Comprehensive examinations (Autonomous Syllabus)	6 months

Mapping of Indirect assessment tool Vs Pos

Indirect Assessment tools	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Placement data	3	3	3	3	3	3	3	3	2	3	3
Alumni Survey	3	--	3	2	--	3	--	--	3	3	--
Graduate exit survey	3	--	3	--	3	2	3	2	--	1	3
Course exit survey	3	3	3	3	3	3	3	3	1	--	2
Parent survey	3	--	3	1	3	--	3	--	1	1	2
Employer survey	3	3	3	2	2	2	2	2	1	1	2
Comprehension online assessment	3	2	3	2	1	1	1	1	--	1	2
Faculty feed back	3	3	3	3	3	3	3	3	3	3	3
Examiners feed back	3	3	2	--	--	--	--	--	3	--	3
Training reports	3	1	2	2	3	3	3	3	3	3	3

3: High, 2: Medium; 1: Low

Attainment levels of Indirect Assessment

Feedback analysis, report analysis or result analysis for the indirect assessment tools are carried out. The following table provides the rubrics for assessing the values for the analysed data.

Assessment Rubrics - Attainment levels of indirect assessment

Indirect Assessment tools	1 (Low)	2 (Medium)	3 (High)
Placement data	Below 40%	40-50%	More than 60%
Alumni Survey	Below 40%	40-60%	More than 60%
Graduate exit survey	Below 50%	50-70%	More than 70%
Course exit survey	Below 50%	50-70%	More than 70%
Parent survey	Below 50%	50-70%	More than 70%
Employer survey	Below 40%	40-60%	More than 60%
Comprehensive online assessment (60%)	Below 40%	40-60%	More than 70%
Faculty feed back	Below 60%	60-80%	More than 80%
Practice School feedback	Below 50%	50-70%	More than 70%
Examiners feed back	Below 40%	40-60%	More than 60%
Training reports	Below 40%	40-60%	More than 60%

3.3.2 Provide results of evaluation of each PO (30)

Institute Marks : 30.00

PO Attainment

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C101	0.9	0.9	0.9	PO4	PO5	PO6	PO7	0.9	PO9	PO10	PO11
C102	0.9	PO2	0.9	0.9	0.9	0.9	0.9	0.9	0.9	PO10	PO11
C103	2	2	PO3	2	2	2	PO7	2	PO9	PO10	PO11
C104	0.6	PO2	0.6	0.6	PO5	0.6	0.6	0.6	0.6	PO10	0.6
C105	1	1	1	1	PO5	PO6	PO7	1	1	1	1
C106	3	PO2	PO3	PO4	PO5	3	PO7	3	PO9	PO10	PO11
C107	3	PO2	3	PO4	PO5	3	3	3	3	3	PO11
C108	3	3	3	3	3	PO6	PO7	3	PO9	PO10	PO11
C109	3	PO2	3	PO4	PO5	3	3	3	3	3	3
C110	3	PO2	3	PO4	PO5	3	3	3	3	3	3
C111	PO1	3	PO3	PO4	3	PO6	3	3	PO9	PO10	PO11
C2101	3	PO2	3	3	3	3	3	3	PO9	3	3
C2502	0	0	0	0	0	0	PO7	0	PO9	PO10	0

C301	0.9	0.9	0.9	PO4	PO5	PO6	PO7	0.9	PO9	PO10	PO11
C302	2	2	PO3	2	PO5	PO6	PO7	2	PO9	PO10	PO11
C303	1	PO2	1	1	PO5	1	1	1	1	PO10	1
C304	2	2	2	PO4	2	PO6	PO7	PO8	PO9	PO10	PO11
C305	3	PO2	PO3	PO4	PO5	3	PO7	3	PO9	PO10	PO11
C306	3	3	3	3	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C307	3	PO2	3	3	PO5	3	3	3	3	3	PO11
C308	3	3	3	PO4	3	PO6	PO7	3	PO9	PO10	PO11
C309	PO1	3	PO3	PO4	3	PO6	3	3	PO9	PO10	PO11
C401	3	3	3	PO4	3	3	PO7	3	3	3	PO11
C402	2	2	2	2	PO5	PO6	PO7	2	PO9	PO10	PO11
C403	3	PO2	3	PO4	PO5	3	3	3	3	PO10	PO11
C404	3	3	3	PO4	3	3	3	3	PO9	3	3
C405	1	1	1	PO4	PO5	PO6	PO7	1	PO9	PO10	PO11
C406	3	3	PO3	3	3	PO6	PO7	3	PO9	PO10	PO11
C407	3	PO2	3	3	PO5	3	PO7	PO8	3	3	3
C408	3	3	3	3	3	3	PO7	PO8	PO9	PO10	PO11
C409	3	3	3	PO4	3	PO6	PO7	3	PO9	PO10	PO11
C501	2	2	2	PO4	PO5	2	PO7	2	2	PO10	2
C502	3	PO2	3	3	PO5	3	PO7	PO8	3	3	3
C503	3	3	PO3	3	PO5	3	3	PO8	PO9	PO10	3
C504	1	1	1	1	1	PO6	PO7	1	PO9	PO10	PO11
C505	PO1	PO2	PO3	PO4	PO5	3	PO7	3	3	PO10	PO11
C506	3	3	3	3	PO5	3	PO7	3	3	3	3
C507	3	3	3	3	3	3	PO7	3	3	3	PO11
C508	3	3	3	3	3	PO6	3	PO8	PO9	PO10	PO11
C509	3	3	3	PO4	3	PO6	PO7	3	PO9	PO10	PO11
3547	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C601	0.6	0.6	0.6	PO4	PO5	0.6	0.6	0.6	0.6	0.6	0.6
C602	2	2	2	2	PO5	PO6	PO7	2	PO9	PO10	2

C603	PO1	PO2	PO3	PO4	PO5	3	PO7	3	3	PO10	PO11
C604	0.9	0.9	0.9	0.9	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C605	PO1	PO2	PO3	PO4	0.9	0.9	0.9	0.9	0.9	PO10	0.9
C608	3	3	3	3	3	3	PO7	3	3	3	PO11
C609	PO1	3	3	3	3	PO6	PO7	3	PO9	PO10	PO11
C610	PO1	3	PO3	PO4	3	PO6	3	3	PO9	PO10	PO11
C611	PO1	3	3	3	3	PO6	PO7	PO8	PO9	PO10	PO11
C701	1	1	PO3	1	1	1	1	PO8	1	PO10	1
C702	0.3	0.3	0.3	0.3	PO5	PO6	PO7	PO8	0.3	PO10	PO11
C703	PO1	PO2	PO3	PO4	PO5	0.7	PO7	0.7	0.7	PO10	PO11
C704	0.9	PO2	0.9	0.9	PO5	0.9	0.9	0.9	0.9	0.9	0.9
C707	2	2	2	2	2	2	2	2	2	PO10	PO11
C708	3	3	3	3	PO5	PO6	3	PO8	3	PO10	PO11
C709	2.3	2.3	2.3	PO4	PO5	PO6	PO7	2.3	PO9	PO10	PO11
C710	PO1	3	PO3	PO4	3	PO6	3	3	PO9	PO10	PO11
C711	3	3	3	3	PO5	3	PO7	3	3	3	3
C801	0.9	0.9	0.9	PO4	PO5	PO6	PO7	0.9	0.9	PO10	PO11
C802	0.9	0.9	0.9	0.9	0.9	0.9	PO7	0.9	PO9	PO10	PO11
C803	2	2	PO3	PO4	PO5	PO6	2	2	2	PO10	2
C804	3	PO2	3	3	3	PO6	PO7	3	PO9	PO10	PO11

PO Attainment Level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct Attainment	2.20	2.23	2.20	2.20	2.51	2.30	2.26	2.23	2.06	2.59	2.05
InDirect Attainment	2.77	2.66	2.77	2.85	2.85	2.85	2.85	3	2.75	2.85	2.75
PO Attainment	2.31	2.32	2.31	2.33	2.58	2.41	2.38	2.38	2.20	2.64	2.19

4 STUDENTS' PERFORMANCE (180)

Total Marks 141.35

Total Marks 20.00

Table 4.1

Item	2020-21 (CAY)	2019-20 (CAYm1)	2018-19 (CAYm2)	2017-18 (CAYm3)	2016-17 (CAYm4)	2015-16 (CAYm5)	2014-15 (CAYm6)
Sanctioned intake of the program(N)	100	100	100	100	100	100	100
Total number of students admitted in first year (N1)	100	100	100	100	99	100	80
Number of students admitted in 2nd year in the same batch via lateral entry (N2)	0	1	9	1	3	8	3
Total number of students admitted in the programme(N1 + N2)	100	101	109	101	102	108	83

4.1 Enrolment Ratio (20)

Institute Marks : 20.00

	N (From Table 4.1)	N1 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2020-21	100	100	100.00
2019-20	100	100	100.00
2018-19	100	100	100.00

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

Assessment : 20.00

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

Total Marks 30.20

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
2020-21 (CAY)	100				
2019-20 (CAYm1)	101	75			
2018-19 (CAYm2)	109	79	66		
2017-18 (CAYm3)	101	56	48	44	
2016-17 (LYG)	102	59	57	53	51
2015-16 (LYGm1)	108	49	53	51	46
2014-15 (LYGm2)	83	44	37	29	28

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
2020-21 (CAY)	100				
2019-20 (CAYm1)	101	100			
2018-19 (CAYm2)	109	94	100		
2017-18 (CAYm3)	101	100	92	92	
2016-17 (LYG)	102	95	96	95	95
2015-16 (LYGm1)	108	98	103	103	83
2014-15 (LYGm2)	83	79	82	82	79

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

Institute Marks : 12.60

Item	Latest Year of Graduation, LYG (2016-17)	Latest Year of Graduation minus 1, LYGm1 (2015-16)	Latest Year of Graduation minus 2 LYGm2 (2014-15)
X Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry	102.00	108.00	83.00
Y Number of students who have graduated without backlogs in the stipulated period	51.00	46.00	28.00
Success Index [$SI = Y / X$]	0.50	0.43	0.34

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

Assessment = 30 * Average SI : 12.60

4.2.2 Success rate in stipulated period (20)

Institute Marks : 17.60

Item	Latest Year of Graduation, LYG (2016-17)	Latest Year of Graduation minus 1, LYGm1 (2015-16)	Latest Year of Graduation minus 2 LYGm2 (2014-15)
X Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry	102.00	108.00	83.00
Y Number of students who have graduated in the stipulated period	95.00	83.00	79.00
Success Index [$SI = Y / X$]	0.93	0.77	0.95

Average SI [$(SI1 + SI2 + SI3) / 3$] : 0.88

Assessment = 20 * Average SI : 17.60

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 7.05

Institute Marks : 7.05

Academic Performance	2016-17 (LYG)	2015-16 (LYGm1)	2014-15 (LYGm2)
Mean of CGPA or mean percentage of all successful students(X)	8.83	7.10	6.85
Total number of successful students(Y)	95.00	83.00	79.00
Total number of students appeared in the examination(Z)	95.00	103.00	82.00
API [$X*(Y/Z)$]:	8.83	5.72	6.60

Average API [$(AP1 + AP2 + AP3)/3$] : 7.05

Academic Performance = Average API = [$(AP1 + AP2 + AP3)/3$] : 7.05

4.4 Academic Performance in Third Year (10)

Total Marks 7.57

Institute Marks : 7.57

Academic Performance	CAYm3 (2017-18)	LYG (2016-17)	LYGm1 (2015-16)
Mean of CGPA or mean percentage of all successful students(X)	7.45	8.40	6.96
Total number of successful students (Y)	92.00	95.00	103.00
Total number of students appeared in the examination (Z)	92.00	96.00	103.00
API [X * (Y/Z)]	7.45	8.31	6.96

Average API [(AP1 + AP2 + AP3)/3] : 7.57

Academic Performance = Average API [(AP1 + AP2 + AP3)/3] : 7.57

4.5 Academic Performance in Second Year (10)

Total Marks 7.85

Institute Marks : 7.85

Academic Performance	2018-19 (CAYm2)	2017-18 (CAYm3)	2016-17 (LYG)
Mean of CGPA or mean percentage of all successful students(X)	8.25	8.20	8.25
Total number of successful students(Y)	100.00	92.00	96.00
Total number of students appeared in the examination(Z)	103.00	101.00	98.00
API [X*(Y/Z)]:	8.01	7.47	8.08

Average API [(AP1 + AP2 + AP3)/3] : 7.85

Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] : 7.85

4.6 Academic Performance in First Year (20)

Total Marks 15.88

Institute Marks : 15.88

Academic Performance	2019-20 (CAYm1)	2018-19 (CAYm2)	2017-18 (CAYm3)
Mean of CGPA or mean percentage of all successful students(X)	8.50	8.00	7.80
Total number of successful students(Y)	100.00	94.00	100.00
Total number of students appeared in the examination(Z)	100.00	100.00	100.00
API [X*(Y/Z)]:	8.50	7.52	7.80

Average API [(AP1 + AP2 + AP3)/3] : 7.94

Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] : 7.94

4.7 Placement and Higher Studies (40)

Total Marks 32.80

Institute Marks : 32.80

Item	2016-17 (LYG)	2015-16 (LYGm1)	2014-15 (LYGm2)
Total No of Final Year Students(N)	95.00	103.00	82.00
Number of students placed in Industries/ Hospitals/ Government sector through on/off campus recruitment or opted for Entrepreneurship(x)	20.00	21.00	15.00
No. of students admitted to higher studies with valid scores in various qualifying exams(y)	60.00	58.00	55.00
Placement Index [(X + Y)/N] :	0.84	0.77	0.85

Average Placement [(X + Y)/N] : 0.82

Assessment [40 * Average Placement] : 32.80

4.8 Professional Activities (20)

Total Marks 20.00

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

Institute Marks : 5.00

The following are the professional Societies/chapters of the organization (Committees - Riper (<https://riper.ac.in/committees/>)) which are looking after the professional development activities related to the pharmacy professions to the students and faculties.

1. RERDS-CPR Center-for-Pharmaceutical-Research.pdf (riper.ac.in) (<https://riper.ac.in/wp-content/uploads/2021/03/Center-for-Pharmaceutical-Research.pdf>)
2. ISPOR ISPOR - Riper (<https://riper.ac.in/ispor/>)
3. RSC RSC - Riper (<https://riper.ac.in/rsc/>)
4. IPA IPA - Riper (<https://riper.ac.in/ipa/>)
5. IQAC Internal Quality Assurance Cell (IQAC) - Riper (<https://riper.ac.in/internal-quality-assurance-cell-iqac/>)
6. MHRD-IIC MHRD-IIC - Riper (<https://riper.ac.in/mhrd-iic/>)

The composition, facilities and functions of the above committees are well defined and made available in the website (Committees - Riper (<https://riper.ac.in/committees/>)) to the stakeholders.

The following is the list of activities conducted by the professional societies and chapters.

Year	Title	Convener	Agency	Amount (Rs./Role)	Date of Event
2017	Novel strategies in Multi & Extended drug resistant tuberculosis targeted drug discovery and development	Dr M V Jyothi	RSC-London	30000	21 st -22 nd July 2017
2017	Two days International Conference on Clinical Mapping in Pharmacovigilance for betterment of patients Health	Dr K Somasekhar Reddy	AICTE	300000	29 th -30 th Aug' 2017
2017	Two days National Seminar on Current aspects and future perspectives in standardization of Herbal medicines"	Mr KV Veerabhadrapa	AICTE	100000	22 nd – 23 rd Sep' 2017
2017	Two Days Indo – US Conference on "Drug Resistance – New Threats and Global Challenges"	Dr. P. Ramalingam	Toledo University, IQAC	---	27 th & 28 th October, 2017
2017	National Pharmacy Week Celebrations	Dr. Y. Padmanabha Reddy	IPA Ananthapuramu Local branch	---	16 th Dec 2017

2018	“Enhancing Patient Health outcomes and Pharmacists Role in Transformed Healthcare System, organized by ISPOR India Andhra Pradesh Regional Chapter in collaboration with Hospital Pharmacy Division – Indian Pharmaceutical Association (IPA) on 20 th & 21 st July 2018 at RIPER.	DrMohanraj	ISPOR	38000	20-21 July 2018
2018	CEP sponsored by Pharmacy Council of India	Dr. SanthivardhanChinni	PCI	3,00,000	10-12 th Aug 2018
2018	One Day Motivation Seminar on Pharmaceutical Research Need of The Hours Organized by R&D Division and internal quality assurance cell (IQAC) RIPER	Dr. P. Ramalingam	IQAC& RSC	—	30 th June 2018
2019	One Day National Seminar on Industrial Pharmacy-Global Trends and Future Challenges organized by department of pharmaceuticals and industrial pharmacy RIPER	Dr. Hindustan Abdul Ahad	GIPS	—	19 th Feb 2019
2019	One-day basic training programme on “Human Rights for Students and Faculty”organised by RIPER 23011/139/2018-19/Trg.	Dr. M. Vijaya Jyothi	NHRC	50000	16 th March 2019
2019	One-day Workshop on “Molecular Modeling and Drug Discovery” Organized by RERDS - CPR	Dr. P. Ramalingam	R & D RERDS, IQAC	---	20 th March 2019
2019	Two days hands on training on “HPLC analysis & trouble shooting” organized by department of pharmaceutical analysis RIPER	Dr. K. Vinod Kumar	R & D RERDS, IQAC	—	11-12 th April 2019
2019	Problem based spectral workshop sessions for PG/PhD scholars organized by R&D Division department of pharmaceutical analysis RIPER	Dr P Ramalingam	RERDS & Pharmaceutical Analysis	—	18 th , 25 th April 2019 & 2 nd , 9 th May 2019
2019	Two Days Workshop on “Computer Aided Molecular Modeling and Dynamics”	Dr. P. Ramalingam	R & D Schrodinger	---	26 th & 27 th September 2019
2019	Three Days International Conference on “Advances in Drug Discovery Against Drug Resistant Diseases”	Dr. P. Ramalingam	AICTE	5,00,000	October 30 th , November 1-2 2019
2020	Alumni meet and Parent meet 2020	Dr Y Padmanabha Reddy	RIPER - IQAC	—	15 th February 2020
2020	17 th Annual day celebrations	Dr Y Padmanabha Reddy	RIPER - IQAC	—	15 th February 2020
2020	Insights on translational and interdisciplinary research in modern drug discovery and development	Dr K somsekhar Reddy	RIPER - IQAC	—	16-22 march 2020
2020	Innovation challenge against COVID-19	Mrs.U.Usharani	IIC (MHRD)	—	30 th April 2020
2020	COVID-19 Pandemic: challenges and opportunities in pharma sector	Mrs.U.Usha rani	IIC, IQAC	—	30 th may 2020
2020	Tools for avoiding adverse drug reactions and better patient care	Dr Y Padmanabha Reddy	RIPER& IPA	—	21 st august 2020
2020	Pharmaceutical Research & career development	Dr Y Padmanabha Reddy	RIPER - IQAC	—	27 July-1 august2020
2020	Industry Academia Partnership	Dr P Ramalingam	R&D, IPA	—	12-13 September 2020
2020	Drug Dosage form and design	Dr Y Padmanabha Reddy	Scots Grad & RIPER	—	17 th September 2020
2020	Virtual Poster Showcase	R Mohan Raj	ISPOR	—	28-30 september 2020
2020	World of Opportunities for Pharm D Graduates	Dr Y Padmanabha Reddy	RIPER - IQAC	—	2-4 october 2020

2020	Women Entrepreneurship	Dr M V Jyothi	RIPER	—	5 th October 2020
2020	Self-Exploration towards Innovation and Entrepreneurship	Dr Y Padmanabha Reddy	SKU & IPA	—	31 st October 2020
2021	Three Days Workshop on "ADMET and Molecular Docking Studies"	Dr. P. Ramalingam	R&D, IIC, IPA Ananthapuramu	---	22, 23, & 25 th January 2021.

Institute consists of two approved NSS. The NSS units also organized various co-curricular activities (NSS News paper clippings - Riper (<https://riper.ac.in/nss-news-paper-clippings/>)) to inculcate the human values & social responsibilities and assist to develop the students as a socially responsible professionals.

List of activities conducted by NSS

1. NSS-1(NSS-I - Riper (<https://riper.ac.in/nss-i/>))
2. NSS-2 (NSS-II - Riper (<https://riper.ac.in/nss-ii/>))

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

Institute Marks : 5.00

1. RIPER NEWS LETTERS (Annually)

- Publishes Institution reports.

2. RIPER PDIC BULLETIN (Bi annually)

- Focus on poisin and drug informations

3. i- CARE Bulletin

The objective of i-CARE Bulletin (a quarterly publishing e-news bulletin) is to disseminate the new knowledge and practices evolved to curtail antimicrobial resistance (AMR) and will address the issues in primary health care support, medication errors, rational use of medicine, case studies, utilisation of skills of pharmacists, use of off label drugs and legislation, disposables and medical devices and internet pharmacies. The i-care bulletin structure is designed to with primary focus on insights on antimicrobial resistance and health care activities of various organizations in SEA region, news related to initiatives of WHO, FIP, Common wealth association, SEARPharm forum and its members /pharmaceutical associations. It also accept the manuscripts of author interest including short review, opinion, commentary, new knowledge, new practice, new initiatives, problems, case report, medication errors, etc.

EDITORIAL TEAM

Editor	P Ramalingam
Associate Editors	Mohanraj M Rathinavelu
Editorial Assistants	U Veerendra

4. IPA Anantapuramu Branch ANNUAL ACTIVITY REPORT

The Indian Pharmaceutical Association (IPA) Anantapuramu Local Branch, in association with affiliating university (JNT University Anantapur) approved NSS Units (I & II) in Raghavendra Institute of Pharmaceutical Education and Research (RIPER), organized several community and public services programmes, educational and awareness programmes; special camps and outreach programmes.

The Indian Pharmaceutical Association (IPA) Anantapuramu Local Branch in association with IPA Hospital Pharmacy Division and ISPOR India Andhra Pradesh Regional Chapter organized several conferences, workshops, seminars and workshops in promoting practice of pharmacy profession, research and pedagogy in pharmaceutical education and research.

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

Institute Marks : 10.00

List of students participated in Inter institute events by students in conference, publication poster presentation

S.NO	Year	Number of students participated	Event
1	2019-2020	12	Conference/workshops/seminars
2	2018-2019	32	Conference/workshops/seminars
3	2017-2018	27	Conference/workshops/seminars

5 FACULTY INFORMATION AND CONTRIBUTIONS (175)

Total Marks 167.19

Name	PAN No.	University Degree	Date of Receiving Degree	Area of Specialization	Research Paper Publications	Ph.D Guidance	Faculty receiving Ph.D during the assessment year	Current Designation	Date (Designated as Prof./Assoc. Prof.)	Initial Date of Joining	Association Type	At present working with the Institution(Yes/No)	In case of NO, Date of Leaving	IS HOD?
Dr Y Padmanabha Reddy	AHEPR2163E	M.Pharm and Ph.D	03/04/2006	PHARMACEUTICAL ANALYSIS	81	16	3	Professor	01/10/2002	01/10/2002	Regular	Yes		Yes
Dr M V jyothi	AHAPV1237D	M.Pharm and Ph.D	05/07/2011	PHARMACEUTICAL CHEMISTRY	45	4	1	Professor	12/05/2014	13/05/2004	Regular	Yes		No
Dr K Ramakrishna Reddy	AOBPK1913R	M.Sc and Ph.D	15/04/1996	MATHEMATICS	5	0	0	Professor	01/08/2014	01/08/2014	Regular	Yes		No
Dr B Srinath	CADPS9518N	M.Pharm and Ph.D	21/03/2016	PHARMACEUTICAL BIOTECHNOLOGY	11	0	0	Associate Professor	17/11/2014	14/11/2009	Regular	No	30/10/2019	No
Dr D Ramakanth Reddy	BBKPR5376L	M.Pharm and Ph.D	21/01/2017	PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE	13	0	0	Associate Professor	01/12/2015	01/12/2010	Regular	Yes		No
Dr P Raghuvver Varma	ATAPP8604J	M.Pharm and Ph.D	09/11/2020	PHARMACEUTICAL CHEMISTRY	15	0	0	Associate Professor	07/11/2016	07/11/2016	Regular	No	09/11/2020	No

Dr K V Veerabhadrappa	AHIPV0873B	M.Pharm and Ph.D	02/05/2018	PHARMACOGNOSY	18	0	0	Associate Professor	01/11/2018	01/11/2007	Regular	Yes		No
Dr Manjoor Ahmad Syed	CYJPS4610M	M.Pharm and Ph.D	20/12/2018	PHARMACEUTICAL CHEMISTRY	15	0	0	Associate Professor	20/07/2018	20/07/2012	Regular	Yes		No
Dr C Haranath	ADEPH6811M	M.Pharm and Ph.D	12/10/2017	INDUSTRIAL PHARMACY	60	0	0	Associate Professor	07/10/2013	02/10/2008	Regular	Yes		No
Dr P Ramalingam	AIWPR3531R	M.Pharm and Ph.D	11/08/2011	PHARMACEUTICAL CHEMISTRY	133	5	2	Professor	03/06/2017	01/06/2009	Regular	Yes		No
Dr Vinod Kumar Nelson	CAZPN2102F	M.Pharm and Ph.D	01/12/2017	PHARMACEUTICAL CHEMISTRY	14	0	0	Associate Professor	31/01/2020	31/01/2020	Regular	Yes		No
Dr CH Pavan Kumar	AOCPC1703J	M.Pharm and Ph.D	23/10/2019	PHARMACEUTICS	28	0	0	Associate Professor	01/07/2019	01/07/2019	Regular	Yes		No
Mr A Sudheer	CQHPS3720A	M.Pharm	28/12/2010	PHARMACOLOGY	14	0	0	Associate Professor	18/07/2019	17/07/2006	Regular	Yes		No
Mr Hari Hara Sudhan	ACKPH2417C	M.Pharm	10/04/2001	PHARMACEUTICAL BIOTECHNOLOGY	3	0	0	Associate Professor	02/01/2020	02/01/2020	Regular	Yes		No
Mr C Naresh Babu	ASUPC9761G	M.Pharm	19/09/2012	PHARMACEUTICAL CHEMISTRY	22	0	0	Assistant Professor		01/12/2012	Regular	Yes		No
Mrs S Triveni	EMFPS5356Q	M.Pharm	19/09/2012	PHARMACEUTICAL CHEMISTRY	18	0	0	Assistant Professor		01/12/2012	Regular	Yes		No
Mrs U Usharani	ABWPU4720C	M.Pharm	01/07/2009	PHARMACEUTICAL CHEMISTRY	12	0	0	Assistant Professor		01/01/2014	Regular	No	02/07/2020	No
Mr S M G Ishrar	DSBPS7523C	Pharm D	05/10/2015	PHARMACY PRACTICE	12	0	0	Associate Professor	01/04/2021	11/02/2016	Regular	Yes		No
Mr K V R K Teja	BZJPK4514L	M.Pharm	24/01/2012	PHARMACOLOGY	4	0	0	Assistant Professor		02/01/2015	Regular	Yes		No
Mrs Sunain Taj	GCGPS2751L	M.Pharm	25/03/2016	PHARMACEUTICAL ANALYSIS	0	0	0	Assistant Professor		20/08/2016	Regular	Yes		No
Mr S Satish Kumar	EZEPS9292B	Pharm D	06/08/2019	PHARMACY PRACTICE	8	0	0	Assistant Professor		04/04/2019	Regular	Yes		No
Miss. Likitha Sree	EESPP7061C	M.Pharm	25/06/2018	PHARMACOLOGY	3	0	0	Assistant Professor		26/09/2019	Regular	Yes		No
Mrs B Sreelakshmi	HCIPS7194L	M.Pharm	05/05/2016	PHARMACEUTICAL ANALYSIS	4	0	0	Assistant Professor		03/07/2017	Regular	Yes		No
Mr S Shehensha	DMMPS9882M	M.Pharm	08/11/2011	PHARMACEUTICAL CHEMISTRY	9	0	0	Assistant Professor		03/07/2017	Regular	No	30/09/2020	No
Mrs N Pavithra	BKKPP0620C	M.Pharm	15/09/2014	PHARMACOLOGY	2	0	0	Assistant Professor		01/08/2018	Regular	Yes		No

Mrs A Pavani	AONPA8051N	M.Pharm	05/03/2013	PHARMACOLOGY	2	0	0	Assistant Professor		16/05/2018	Regular	Yes		No
Mr Shaik Shakir Basha	CGTPB0232N	M.Pharm	19/11/2014	PHARMACEUTICAL ANALYSIS	8	0	0	Associate Professor	01/04/2021	21/10/2019	Regular	Yes		No
Mrs P Lakshmi Prasanna	ECJPP7763N	M.Pharm	11/09/2019	PHARMACOLOGY	2	0	0	Assistant Professor		02/12/2019	Regular	Yes		No
Miss K Sushma Ratna	EMZPK6175F	M.Pharm	12/08/2019	PHARMACEUTICAL CHEMISTRY	1	0	0	Assistant Professor		20/01/2020	Regular	Yes		No
Mr K Rajesh Reddy	BXPPR4171Q	M.Pharm	06/06/2011	PHARMACEUTICS	14	0	0	Assistant Professor		04/07/2014	Regular	No	28/02/2019	No
Mrs L Parimala	CUMPP0810R	M.Sc	02/05/2011	MATHEMATICS	0	0	0	Assistant Professor		22/07/2015	Regular	Yes		No
Mrs P Sujana	AREPS0903M	M.Pharm	05/04/2010	PHARMACEUTICAL ANALYSIS	0	0	0	Assistant Professor		14/04/2010	Regular	Yes		No
Mrs M Gayathri	BCBPG9962M	M.Sc	05/05/2016	STATISTICS	0	0	0	Assistant Professor		17/07/2018	Regular	Yes		No
Mrs P T Priyanka	BFJPP7596B	Pharm D	02/06/2014	PHARMACY PRACTICE	3	0	0	Assistant Professor		01/07/2015	Regular	Yes		No
Dr HINDUSTAN ABDULAHAD	ASOPA9829F	M.Pharm and Ph.D	15/11/2011	INDUSTRIAL PHARMACY	280	10	3	Professor	04/01/2019	04/01/2019	Regular	Yes		No
Dr J Raveendra Reddy	AHIPR5151L	M.Pharm and Ph.D	27/12/2017	PHARMACEUTICAL CHEMISTRY	36	4	3	Professor	20/09/2002	20/09/2002	Regular	Yes		No
Dr E Vigneshwaran	AJBPV4536G	M.Pharm and Ph.D	20/08/2014	PHARMACY PRACTICE	12	0	0	Professor	18/02/2014	18/02/2009	Regular	Yes		No
Dr Santhivardhan Chinni	AIYPC2687B	M.Pharm and Ph.D	15/12/2014	PHARMACOLOGY	8	0	0	Associate Professor	16/05/2018	16/05/2018	Regular	Yes		No
Dr K Vinod Kumar	AUIPK9271B	M.Pharm and Ph.D	01/06/2017	PHARMACEUTICAL ANALYSIS	29	0	0	Professor	04/11/2020	03/11/2009	Regular	Yes		No
Dr K Somasekhar Reddy	BYXPS1522F	M.Pharm and Ph.D	06/03/2015	PHARMACOLOGY	35	3	0	Associate Professor	02/04/2018	01/04/2008	Regular	Yes		No
Dr M Jaffar Siddaq	CQCPS9110F	M.Pharm and Ph.D	16/08/2014	PHARMACOLOGY	7	0	0	Associate Professor	05/07/2014	06/07/2009	Regular	Yes		No
Dr B Pradeepkumar	AXYPP8756D	M.Pharm and Ph.D	12/06/2017	PHARMACOLOGY	45	1	0	Associate Professor	24/06/2013	25/06/2008	Regular	Yes		No
Dr Nawaz Mohammed	CPJPM9281B	M.Pharm and Ph.D	10/06/2015	PHARMACEUTICS	12	0	0	Associate Professor	28/02/2020	28/02/2020	Regular	Yes		No
Dr G Narayana	AJGPN7610N	M.Pharm and Ph.D	06/05/2021	PHARMACY PRACTICE	35	0	0	Associate Professor	12/02/2014	12/02/2009	Regular	Yes		No

Mr Mohanraj Rathinavel	AMXPR6870N	Pharm D	01/09/2010	PHARMACY PRACTICE	25	0	0	Associate Professor	05/12/2016	05/12/2011	Regular	Yes		No
Mrs K V Lalitha	AGZPL8916B	M.Pharm	11/07/2012	PHARMACEUTICAL ANALYSIS	12	0	0	Associate Professor	15/11/2019	15/11/2012	Regular	Yes		No
Mr B Amarnath Reddy	BVYPR3271C	M.Pharm	15/10/2013	PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE	3	0	0	Assistant Professor		11/12/2013	Regular	Yes		No
Mr P Harsha Teja	AFAPH3989J	M.Pharm	15/10/2013	PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE	2	0	0	Assistant Professor		11/12/2013	Regular	Yes		No
Mr E Bhargav	AUWPB6883G	M.Pharm	30/03/2013	INDUSTRIAL PHARMACY	8	0	0	Associate Professor	01/04/2021	23/10/2014	Regular	Yes		No
Mrs Sunkara Seetha	GHRPS6707Q	M.Pharm	13/09/2012	PHARMACEUTICS	0	0	0	Assistant Professor		24/01/2014	Regular	Yes		No
Mr K Pavan Kumar	BUNPK4405P	M.Pharm	20/11/2012	PHARMACEUTICAL ANALYSIS	28	0	0	Associate Professor	06/01/2016	06/01/2016	Regular	Yes		No
Mr Nagashubha	AOYPN6645N	M.Pharm	28/03/2014	PHARMACEUTICS	4	0	0	Assistant Professor		01/03/2016	Regular	Yes		No
Mrs Yerra Sravani	GDCPS9596C	M.Pharm	10/12/2013	PHARMACEUTICS	3	0	0	Assistant Professor		01/03/2018	Regular	Yes		No
Y Samhitha Reddy	BDJPR8587E	Pharm D	16/06/2014	PHARMACY PRACTICE	6	0	0	Assistant Professor		05/05/2014	Regular	Yes		No
Miss Sahithi Reddy	FVWPS2532F	Pharm D	15/07/2015	PHARMACY PRACTICE	6	0	0	Assistant Professor		21/12/2015	Regular	Yes		No
Mrs S Nuzhath	BBYPN5515P	M.Pharm	22/09/2015	PHARMACEUTICAL ANALYSIS	3	0	0	Assistant Professor		25/06/2018	Regular	Yes		No
Mr U Veerendra	ATPPV1629J	Pharm D	17/08/2017	PHARMACY PRACTICE	8	0	0	Assistant Professor		01/11/2017	Regular	Yes		No
Mrs G Neelima	AUDPN1328H	Pharm D	10/07/2018	PHARMACY PRACTICE	8	0	0	Assistant Professor		02/08/2018	Regular	Yes		No
Mr P Chiranjeevi	BOIPC9519P	M.Pharm	08/08/2019	PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE	4	0	0	Assistant Professor		05/09/2019	Regular	Yes		No
Mr G Kranthi Kumar	EELPK3293E	M.Pharm	01/06/2018	PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE	0	0	0	Assistant Professor		18/03/2020	Regular	Yes		No

Mr K Laxma Naik	CJQPN9976D	M.Pharm	24/07/2020	MEDICINAL CHEMISTRY	1	0	0	Assistant Professor		18/01/2020	Regular	Yes		No
Miss Kamsali Anjali	DRBPA8001A	M.Pharm	16/08/2019	PHARMACOLOGY	0	0	0	Assistant Professor		18/01/2021	Regular	Yes		No
Mr K Gangadhar	CQGPK4425D	M.Pharm	16/08/2016	PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE	2	0	0	Assistant Professor		01/09/2016	Regular	Yes		No
Mr J Nagamohan Reddy	ASFPN7791Q	M.Pharm	16/08/2016	PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE	3	0	0	Assistant Professor		01/09/2016	Regular	Yes		No
Mrs K H Usha Devi	EARPK9864H	Pharm D	30/10/2012	PHARMACY PRACTICE	2	0	0	Associate Professor	01/04/2021	06/02/2021	Regular	Yes		No
Mr C Naveen Kumar	BSFPN0742L	M.Pharm	29/08/2019	PHARMACY PRACTICE	0	0	0	Assistant Professor		01/07/2019	Regular	Yes		No
Mr K MD Umair	AGEPU2455K	M.Pharm	29/08/2019	PHARMACY PRACTICE	0	0	0	Assistant Professor		01/07/2019	Regular	Yes		No
Mr Janaki Hemanth	AYLPH4034L	M.Pharm	29/08/2019	PHARMACY PRACTICE	1	0	0	Assistant Professor		02/09/2019	Regular	Yes		No
Mr Karisetty Basappa	AZBPK5845R	M.Pharm	01/04/2014	PHARMACY PRACTICE	3	0	0	Assistant Professor		15/02/2021	Regular	Yes		No
Mr B Balasubramanyam	DJZPB7802L	M.Pharm	29/08/2019	PHARMACY PRACTICE	0	0	0	Assistant Professor		01/01/2021	Regular	Yes		No
G HIMA UDAYA SREE	OCDPS4579B	M.Pharm	03/10/2019	PHARMACEUTICS	0	0	0	Assistant Professor		01/04/2021	Regular	Yes		No
K BALA RANGASWAMY	CHLPB6056M	B.Pharm	01/12/2020	PHARMACY	0	0	0	Assistant Professor		01/04/2021	Regular	Yes		No
Mr Payasam Dharani Kumar	ATFPP8776N	B.Pharm	15/05/2010	PHARMACY	0	0	0	Assistant Professor		01/12/2020	Regular	Yes		No
Mrs F Susheela	EGHPS0673A	M.Pharm	05/02/2018	PHARMACY PRACTICE	1	0	0	Assistant Professor		01/01/2018	Regular	Yes		No
Mr Lakavath Sunil Kumar	AJVPL0728J	M.Pharm and Ph.D	08/12/2014	PHARMACEUTICS	2	0	0	Assistant Professor		02/11/2020	Regular	Yes		No
Mr R Ravishankar Reddy	BQCPR1797J	M.Sc	02/04/2011	M.A ENGLISH	0	0	0	Assistant Professor		12/08/2016	Regular	Yes		No
Mrs C H Mounika	BBJPC7089N	M.Pharm	17/08/2015	PHARMACEUTICS	5	0	0	Assistant Professor		01/09/2015	Regular	Yes		No

Dr C Suryaprakash Reddy	APWPR3434G	M.Pharm and Ph.D	10/04/2017	PHARMACEUTICS	35	0	0	Associate Professor	01/04/2013	01/04/2008	Regular	No	30/04/2019	No
Mr G Siva Bharath	BGHPG6035G	Pharm D	19/08/2016	PHARMACY PRACTICE	5	0	0	Assistant Professor		01/09/2017	Regular	No	10/05/2019	No
Mr Ashok Kumar	BAZPA1921Q	Pharm D	25/05/2017	PHARMACY PRACTICE	4	0	0	Assistant Professor		18/04/2018	Regular	No	11/05/2019	No

5.1 Student-Faculty Ratio (SFR) (20)

Total Marks 20.00

Institute Marks : 0

UG

No. of UG Programs in the Department

Pharmacy						
Year of Study	CAY		CAYm1		CAYm2	
	(2020-21)		(2019-20)		(2018-19)	
	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	1	100	9	100	1
3rd Year	100	9	100	1	100	3
4th Year	100	1	100	3	100	8
Sub-Total	400	11	400	13	400	12
Total	411		413		412	
Grand Total	<input type="text" value="411"/>		<input type="text" value="413"/>		<input type="text" value="412"/>	

PG

No. of PG Programs in the Department

M. Pharm (Pharmaceutical Analysis)						
Year of Study	CAY(2020-21)		CAYm1(2019-20)		CAYm2 (2018-19)	
	Sanction Intake		Sanction Intake		Sanction Intake	
1st Year	18		18		18	
2nd Year	18		18		42	
Total	36		36		60	

M. Pharm (Pharmaceutics)				
Year of Study	CAY(2020-21)	CAYm1(2019-20)	CAYm2 (2018-19)	
	Sanction Intake	Sanction Intake	Sanction Intake	
1st Year	18	18	18	
2nd Year	18	18	36	
Total	36	36	54	
M. Pharm (Pharmacology)				
Year of Study	CAY(2020-21)	CAYm1(2019-20)	CAYm2 (2018-19)	
	Sanction Intake	Sanction Intake	Sanction Intake	
1st Year	18	18	18	
2nd Year	18	18	18	
Total	36	36	36	
M.Pharm (Industrial Pharmacy)				
Year of Study	CAY(2020-21)	CAYm1(2019-20)	CAYm2 (2018-19)	
	Sanction Intake	Sanction Intake	Sanction Intake	
1st Year	9	9	18	
2nd Year	9	18	0	
Total	18	27	18	
M.Pharm (Pharmaceutical Quality Assurance)				
Year of Study	CAY(2020-21)	CAYm1(2019-20)	CAYm2 (2018-19)	
	Sanction Intake	Sanction Intake	Sanction Intake	
1st Year	18	18	18	
2nd Year	18	18	0	
Total	36	36	18	
M.Pharm (Pharmacy Practice)				
Year of Study	CAY(2020-21)	CAYm1(2019-20)	CAYm2 (2018-19)	
	Sanction Intake	Sanction Intake	Sanction Intake	
1st Year	18	18	18	
2nd Year	18	18	24	
Total	36	36	42	
Pharm D				
Year of Study	60 CAY(2020-21)	60 CAYm1(2019-20)	30 CAYm2 (2018-19)	
Total	60	60	30	

	Sanction Intake	Pharm D	Sanction Intake	Sanction Intake
Year of Study	CAY(2020-21)		CAYm1(2019-20)	CAYm2 (2018-19)
1st Year	30	30	30	30
2nd Year	30	30	0	0
Total	60	60	30	30
Pharm D (PB)				
Year of Study	CAY(2020-21)		CAYm1(2019-20)	CAYm2 (2018-19)
	Sanction Intake		Sanction Intake	Sanction Intake
1st Year	10	10	10	10
2nd Year	10	10	0	0
Total	20	20	10	10
Grand Total	278	287	268	

SFR

No. of UG Programs in the Department

No. of PG Programs in the Department

Description	CAY(2020-21)	CAYm1 (2019-20)	CAYm2 (2018-19)
Total No. of Students in the Department(S)	<input type="text" value="729"/> Sum total of all (UG+PG) students	<input type="text" value="700"/> Sum total of all (UG+PG) students	<input type="text" value="680"/> Sum total of all (UG+PG) students
No. of Faculty in the Department(F)	<input type="text" value="65"/> F1	<input type="text" value="56"/> F2	<input type="text" value="55"/> F3
Student Faculty Ratio(SFR)	<input type="text" value="11.22"/> SFR1=S1/F1	<input type="text" value="12.36"/> SFR2=S2/F2	<input type="text" value="12.50"/> SFR3=S3/F3
Average SFR	<input type="text" value="12.03"/> 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(2020-21)	65	0
CAYm1(2019-20)	56	0
CAYm2(2018-19)	55	0

Average SFR for three assessment years : 12.03

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(2020-21)	5.00	8.00	10.00	11.00	32.00	46.00
CAYm1(2019-20)	5.00	7.00	10.00	9.00	31.00	40.00
CAYm2(2018-19)	5.00	6.00	10.00	9.00	30.00	40.00
Average Numbers	5.00	7.00	10.00	9.67	31.00	42.00

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

5.3 Faculty Qualification (20)

Total Marks 14.19

Institute Marks : 14.19

	X	Y	F	$FQ = 2.0 \times [(10X + 6Y) / F]$
2020-21(CAY)	20	44	48.00	15.67
2019-20(CAYm1)	16	37	46.00	13.39
2018-19(CAYm2)	16	36	45.00	13.51

Average Assessment : 14.19

5.4 Faculty Retention (20)

Total Marks 20.00

Description	2019-20	2020-21
No of Faculty Retained	51	48
Total No of Faculty	55	55
% of Faculty Retained	93	87

Average : 90.00

Assessment Marks : 20.00

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

Total Marks 15.00

Institute Marks : 15.00

Innovations by the Faculty in Teaching and Learning

Raghavendra institute of Pharmaceutical Education and research (RIPER) Started its own you tube channel where all the videos related to innovations by the faculty and demonstrations of new equipments by faculty were uploaded for our students and other public to view. Apart from that other lecture classes for GPAT and other competitive exam class also uploaded in channel for student's revision purpose. All the class rooms are well equipped with LCD projectors with power back up to teach the students with live examples and 3D pictures like human body parts to understand very easily. Faculty are encouraged to participate in Faculty development programs (FDP), Short term training Programs (STTP), workshops conducted by various institutes. Here are some innovative videos which were uploaded in Youtube channel as well as website.

Name of the teacher	Name of the module developed	youtube link
C Naresh Babu	In-silico Toxicity Prediction tool	https://youtu.be/WvR_TNky5Ws
C Naresh Babu	Virtual Screening-Schrodinger Glide In-silico Software	https://www.youtube.com/watch?v=J7oIH106Sa4 (https://www.youtube.com/watch?v=J7oIH106Sa4)
E Bhargav	Demo on Horiba Nano Particle Analyzer	https://www.youtube.com/watch?v=2k8UPPcJAiQ (https://www.youtube.com/watch?v=2k8UPPcJAiQ)
E Bhargav	Zeta Potential Measurement by Horiba Nano Particle Analyzer	https://www.youtube.com/watch?v=erdDv8M_fOQ (https://www.youtube.com/watch?v=erdDv8M_fOQ)
Dr P Ramlingam	Indian Pharmacopoeia	https://www.youtube.com/watch?v=y4zfwibi4Mo (https://www.youtube.com/watch?v=y4zfwibi4Mo)
Dr P Ramlingam	UV-Visible Spectroscopy: Woodward Rules and IR Spectroscopy	https://www.youtube.com/watch?v=5Lqo65dHwaU (https://www.youtube.com/watch?v=5Lqo65dHwaU)
Dr P Ramlingam	NMR Spectroscopy and Mass Spectroscopy Fundamentals	https://www.youtube.com/watch?v=OsQU0jOt4IM (https://www.youtube.com/watch?v=OsQU0jOt4IM)
Dr P Ramlingam	Types and Principles of Chromatography and HPLC Instrumentation	https://www.youtube.com/watch?v=IOEL8qHl6rA (https://www.youtube.com/watch?v=IOEL8qHl6rA)

Dr K Somasekhar Reddy	Cell, Cell junctions and Transport mechanisms	https://www.youtube.com/watch?v=X5CNE1Z5j88 (https://www.youtube.com/watch?v=X5CNE1Z5j88)
Dr K Somasekhar Reddy	Digestive and Cardiovascular System	https://www.youtube.com/watch?v=d6xOBB0MSE (https://www.youtube.com/watch?v=d6xOBB0MSE)
Dr K Somasekhar Reddy	Cardiovascular System	https://www.youtube.com/watch?v=XgRYNvIvOLg (https://www.youtube.com/watch?v=XgRYNvIvOLg)
Dr K Somasekhar Reddy	Reproductive System	https://www.youtube.com/watch?v=373KQ4h5kn0 (https://www.youtube.com/watch?v=373KQ4h5kn0)
Dr Hari Hara Sudhan	Introduction to Microbiology	https://www.youtube.com/watch?v=tSe2yTObDDk (https://www.youtube.com/watch?v=tSe2yTObDDk)
Dr Hari Hara Sudhan	Biology of Micro Organisms	https://www.youtube.com/watch?v=954Kk-wpQ7c (https://www.youtube.com/watch?v=954Kk-wpQ7c)

Apart from the above all

- MHRD-IIC cell- To inculcate creative thinking and model presentations/idea explorations.
- Learning through field visits. (Pharmacognosy)
- Simulation Learning (Pharmaceutics)
- Integrated Theory and Practical (Pontentiometry)

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		
	2020-21	2019-20	2018-19
Dr. C. Haranath	5.00	3.00	3.00
Dr.M.V.Jyothi	5.00	3.00	3.00
Mr. C. Naresh Babu	5.00	5.00	5.00
Mrs. S. Triveni	5.00	5.00	3.00
B Nagashubha	3.00	3.00	0.00
Y.Sravani	3.00	3.00	0.00
A.Sudheer	5.00	5.00	3.00

Dr G Narayana	5.00	5.00	5.00
Sathish Kumar Sure	3.00	3.00	0.00
Dr. B. Pradeepkumar	5.00	5.00	5.00
Dr Mohanraj Rathinavelu	5.00	5.00	5.00
A.Sudheer	5.00	5.00	5.00
E. Bhargav	3.00	3.00	3.00
Dr K Vinod Kumar	3.00	3.00	3.00
Dr Bogireddy Sahithi	5.00	3.00	3.00
Dr K Somasekhar Reddy	3.00	5.00	5.00
P. Lakshmi Prasanna	5.00	5.00	5.00
K. Sushma Ratna	5.00	5.00	5.00
P.Likithasree	3.00	3.00	3.00
Dr.G.Neelima	5.00	3.00	3.00
Y.Sravani	3.00	3.00	3.00
Nawaz Mahammed	3.00	3.00	3.00
S. Shakir Basha	5.00	5.00	3.00
G.Kranthikumar	5.00	3.00	0.00
Dr. Pavan Kumar Chintamaneni	5.00	5.00	3.00
Dr Santhivardhan chinni	3.00	5.00	3.00
S.Hari hara sudhan	0.00	5.00	0.00
Dr. P. Ramalingam	3.00	3.00	3.00
B Amaranath Reddy	0.00	0.00	3.00
K V Lalitha	3.00	3.00	3.00

Dr C Surya prakash reddy	0.00	0.00	5.00
Dr B Srinath	0.00	0.00	3.00
Dr Manjoor Ahmaed	0.00	0.00	5.00
Dr K V V Bhadrappa	0.00	3.00	3.00
Dr N vinod Kumar	3.00	3.00	0.00
K Gangadhar	3.00	0.00	0.00
Umair U	3.00	3.00	0.00
Sum	125.00	124.00	107.00
RF = Number of Faculty required to comply with 15:1 Student Faculty Ratios as per 5.1	48.60	46.67	45.33
Assessment [3*(Sum / 0.5RF)]	15.43	15.94	14.16

Average assessment over 3 years: 15.18

5.7 Research and Development (40)

Total Marks 38.00

5.7.1 Academic Research (10)

Institute Marks : 10.00

5.7.1 Number of Quality Publications

Year	Publications in SCI/SCIE/Scopus/WoS
2018	33
2019	41
2020	57

Publications - 2020

S. No	Name of the authors	Title	Journal name, Volume, Issue, Page No and DOI	SCI / SCIE	Scopus	Web of science	Citations
1	NK Sathyamoorthy, PK Chintamaneni, S Chinni	Plausible role of combination of Chlorpromazine hydrochloride and Teicoplanin against COVID-19	Medical Hypotheses; Vol 144, Nov 2020, 110011	Yes (SCI)	No	Yes	0
2	Bhargav Eranti, Padmanabha Reddy Y, ChaithanyaBarghav G, Sukanya G, Keerthana Y	Development and characterization of Glycyrrhizaglabraantiplasmodialphytosomes to treat malaria	Latin American Journal of Pharmacy, 2020, 39, 3, 498-501	Yes (SCI)	No	Yes	0

3	AkhilKamsali, Bhargav Eranti, Mounika CH, Ravi Manne, Chaitanya Barghav G, Subba Reddy P	Development and Optimization of Amoxicillin Floating Raft System to effectively treat Helicobacter pylori infection	ArsPharmaceutica, 2020, 61, 3, 163, 168	No	No	Yes	0
4	E Bhargav, G ChaithanyaBarghav, P Padmanabha Reddy, Ramalingam, C Haranath, Y, Chintamaneni Pavan kumar	A Design of Experiment (DoE) based approach for development and optimization of nanosuspensions of telmisartan, a BCS class II antihypertensive drug	Future Journal of Pharmaceutical Sciences, 2020, 6, 1-13	No	No	Yes	0
5	Eranti Bhargav, Yiragamreddy Padmanabha Reddy and KoteswaraKunnatur B	Development and optimization of Luliconazole Nanostructure lipid carriers based gel by Quality by Design its skin distribution studies, dermatokinetic modelling & Invitro and Exvivo correlation	Current Drug Delivery	Yes (SCI)	Yes	Yes	0
6	SravaniYarra, Hindustan Abdul Ahad, ChinthaginjalaHaranath, GamaaBirin Mohamed Musa, Adam Ali Omer Adam and KethariRushiketh Reddy	Comparative in vitro drug release examination of dissimilar brands of Rabeprazole sodium Gastro-Resistant Tablets	International Journal of Life science and Pharma Research (IJLPR) Volume 10 Issue 5, December 2020	No	No	Yes	0
7	HaranathChinthaginjala, Hindustan Abdul AhadBhupalamPradeepkumar,Shaikreshma	Challenging Protection for Geographical Indications: The Distinct Intellectual Property Right Based on Local Knowledge and Reputation	Pharma Times, Feb 2020, 52, 02, 11-13.	No	Yes	No	0
8	Hindustan Abdul Ahad, Bharath Kumar, ChinthaginjalaHaranath, GopavaramSumanth, DurgaSumanthPasupuleti and SrilekhaSuraba Reddy	Platelet Rich Plasma Therapy: A Quick Note for Every Health Care Professional	International Journal of Life science and Pharma Research (IJLPR) Volume 10 Issue 5, December 2020 Pages:84-89	No	No	Yes	0
9	Hindustan Abdul Ahad, Ramyasree, chinthaguinjalaHaranath, ReshmaThadipatri, ChengaVenkataHimaVarshitha and YBharath Kumar	Solubility Enhancement of Drugs with Aid of Surfactants: Research Done Since Last Two Decades	Int J Life Sci Pharma Res., Volume 11., No 5 (December) 2020, pp P11-16	No	No	Yes	0
10	Hindustan Abdul Ahad, Harsha, ChinthaginjalaHaranath, Rahul RaghavDasari, MadanaGowthami and Naga Jyothi Varam	Exfoliation Technique of Composing and Depictions of Clopidogrel Bisulphate Afloat Microspheres.	Journal of Evolution of Medical and Dental Sciences 9(14):1156-1160	No	No	Yes	2
11	HaranathChinthaginjala*, Hindustan Abdul Ahad, Gopavaramsumanth, Thanmayadivyakumbarthi, Mahaboobjanshaik, Rahul RaghavDasari	Hunting Hantavirus: A Quick Guide for Healthcare Professionals before It Invades the Globe unlike COVID-19	International Journal of Pharmaceutical and Phytopharmacological Research (eJPPR) August 2020 Volume 10 Issue 4 Page 1-6	No	No	Yes	0
12	Hindustan Abdul Ahad, HaranathChinthaginjala, KanamaSreekanth, AtlaSucharitha, Omer Ibrahim, Kanama Sandhya Rani, YaduguriRavali	A Quick Guide of Optimizing Approaches on Nano suspensions Using Design of Experiments	International Journal of Pharmaceutical and Phytopharmacological Research (eJPPR) August 2020 Volume 10 Issue 3 Page 37-42	No	No	Yes	0
13	Hindustan Abdul Ahad, TarunKsheerasagare, AravindChelluru, ChinthaginjalaHaranath, Gorantla Surya Prakash Reddy, Jyothi Vinay Krishna	Herbal Mucilage attempted as a Super disintegrating agent in Oral Disintegrating Tablets	RJPT, Volume - 13, Issue - 11, Year - 2020	No	Yes	No	1
14	Hindustan Abdul Ahad, ChinthaginjalaHaranath, SreenivasuluKondaveeti, SrikanthKonjeti, SreevidyaGangireddy, Omer Ibrahim	Herbs in Dentifrices for Dental care and Hygiene: A Comprehensive Review	Research J. Pharm. and Tech. 2020; 13(10):5052-5054. d	No	Yes	No	1
15	Sharvaniyarra, Hindustan Abdul Ahad, ChinthaginjalaHaranath, GamaaBirinMohaed Musa, Adam Ali omer Adam and KethariRushiketh Reddy	Comparative in vitro drug release examination of dissimilar brands of Rabeprazole sodium Gastro-Resistant Tablets	International Journal of Lifescience and Pharma Research	No	Yes	No	0
16	Triveni Singirisetty, Naresh Babu Chilamakuru, Ramalingam Peraman, Vijaya Jyothi Mallela, Maheswari Sana, P. Inthiyaz Begum	Design and synthesis of 5-Oxoimidazolidine derivatives in search of potent antitubercular and antifungal agents	Indian Journal of Heterocyclic Chemistry, 2020, 30 (03); 441-451	Yes	Yes	No	0

17	S. Triveni, C. Naresh Babu, E. Bhargav, M. Vijaya Jyothi	<i>In silico</i> Design, ADME Prediction, Molecular Docking, Synthesis of Novel Triazoles, Indazoles&Aminopyridines and in vitro Evaluation of Antitubercular Activity	<i>Asian Journal of Chemistry</i> , 2020, 32(11), 2713-2721	No	Yes	No	0
18	C. Naresh Babu, S. Triveni, Vijaya Jyothi, B. Yamuna and A. Yamini	Design, Synthesis and Antimicrobial Evaluation of Novel 2-Thiobenzimidazole Derivatives: <i>in silico</i> and <i>in vitro</i> Approach	<i>Asian Journal of Chemistry</i> , 2020, 32(11), 2753-2762	No	Yes	No	0
19	R Peraman, RV Pemmadi, M Peraman, SK Sure	Insights on SARS-CoV-2: Emerging Outbreaks of Viral Infections and the Need for Heightening the Antiviral Research	Indian Journal of Pharmaceutical Education and Research 54 (3), S390-S399	Yes	Yes	Yes	0
20	Hindustan Abdul Ahad, Nizamuddin and NayakantiDevanna	Molecular Docking studies of N-Methyl- 2, 3 -Disubstituted Quinazolin-4-Ones Scaffold.	International Journal of Life science and Pharma Reviews, 2020.10.5.P102-110	No	No	Yes	0
21	Hindustan Abdul Ahad, Nizamuddin, and DevannaNayakanti	Design, Synthesis and Molecular Modelling Studies of 1-Methyl-3-(4-Substituted phenyl-1,3-thiazol-2-yl)-2-(pyridin-3-yl)-2,3-dihydroquinazolin-4(1H)-ones as Potent Anticancer Agents	Asian Journal of Chemistry, 2020, 2(12) / pp 3067-3074	No	Yes	Yes	0
22	N. D. Nizamuddin, Hindustan Abdul Ahad, NayakantiDevanna	Synthesis and Molecular Docking Studies of Some 1,2-Dimethyl-3(4-substitutedphenyl-1,3-thiazol-2-yl)2,3-dihydroquinazolin-4(1H)-ones as Anticancer Agents	Indian Journal of Heterocyclic Chemistry, Vol. 30 - Number 04 (Oct-Dec 2020) 571-579	Yes	Yes	No	0
23	SanthivardhanChinni and Ramalingam Peraman	Hydroxychloroquine for covid-19: a friend or foe	Pharma Times, 2020, 52, 6, 32-33.	No	Yes	No	0
24	Vinod kumar Nelson, NaliniKantaSahoo, MadhusmitaSahu, HariharaSudhan, Chitikela P. Pullaiah& Kanuri Sai Muralikrishna	In vitro anticancer activity of Eclipta alba whole plant extract on colon cancer cell HCT-116	BMC Complement Med Ther, 2020, 20, 355	Yes	Yes	Yes	1
25	Kanala Somasekhar Reddy, PamisettyLikithasree, Ramlingam Peraman, Mallela Vijaya Jyothi, Chilamakuru Naresh Babu, BhupalamPradeepkumar, AkkirajuSudheer	Spatial Long-Term Memory Retention by Banana and Papaya Peel Extract: In silico and in vivo Evaluation	International Journal of Pharmaceutical Investigation, 2020, Vol 10, Issue 2,200-6	No	No	Yes	1
26	Kanala Somasekhar Reddy, AkkirajuSudheer, PamisettyLikithaSree, BhupalamPradeepkumar, DDeepthi and ChinthaginjalaHaranath	Effect of aqueous extract of Colocasiaesculenta against high-fat diet-induced non-alcoholic fatty liver disease in rats	International Journal of Life science and Pharma Research, 2020, 10, 4, 128 - 134	No	No	Yes	0
27	Elluru Uma Mahesh, Kanala Somasekhar Reddy, ThepalliKavery, AkkirajuSudheer, PamisettyLikithaSree and PatamsettiLakshmiPrasanna	Phytochemical Investigation and Anti Mycobacterial activity of <i>Solanumpubescens</i>	Bioscience Biotechnology Research Communication, 2020, 13, 2, 908-912	No	No	Yes	0
28	Kishore Konam, Kanala Somasekhar Reddy	Stability Indicating RP-UPLC Method for Simultaneous Estimation of Emtricitabine, Tenofovir and Bictegravir in Bulk and Pharmaceutical Dosage Form	International Journal of Life science and Pharma Research, 2020, 10, 5, 90-101	No	No	Yes	0
29	Kanala Somasekhar Reddy, GopavaramSumanth, Gorantla Suryaprakash Reddy, KsheerasagareTarun, KumbathiThanmayaDivya, Survana, Osman Ali Osman Ali	In Vitro Anti-Diabetic Activity Of Roots Of <i>AchyranthusAspera</i>	Journal of Advanced Scientific Research	No	Yes	No	0
30	S. Hari Hara Sudhan, K. Gnanaprakash, K. B. Chandrasekar	Screening and Isolation of antibiotic-producing microbes from sea cucumber and testing their broad-spectrum activity	International journal of Green Pharmacy, Vol 14, No 03 (2020), 316-319.	No	No	Yes	1
31	Mohammad Al Bratty, NeelaveniThangavel, Ramalingam Peraman*, Vinod Kumar, Padmanabha Reddy, Krishna VeniNagappan, Hassan Al Hazmi	HPLC–DAD method for investigating pantoprazole for its stress-dependent degradation by photolysis and oxidation	ActaChromatographica, 2020, 32 (4), 247-255	Yes	Yes	Yes	0
32	Gouru Santhosh Reddy, AnimeshBera, MadhurimaBasak, KrishnaveniNagappan, Ramalingam Peraman	A Quantitative, Sensitive and Rapid Validated Analytical RP-HPLC Method for the Estimation of Dapagliflozin in Bulk and Pharmaceutical Dosage Formulations	International Journal of Research in Pharmaceutical Sciences, 2020, 11 (2), 2543-2548	No	Yes	No	0

33	Ashok Thulluru, Nawaz Mohammed , S. Shakir Basha , K. Siva Jagan Mohan, K. Saravanakumar , Ch. S. Phani Kumar	Effect of Enzyme Dependent Polymers on the Release Profile of Press Coated Esmeprazole Colon Targeted Tablets	Research journal of Pharmacy and technology,2020,13(12), 6186-6194	No	Yes	No	0
34	S Shakir Basha, S Susmitha, P Jagadeesh, K SusmeenaTabassum, A. H Junaid, S Fayaz, R Zuber, S Khifayathulla, G Aswini	An Overview of Coronavirus Disease (MERS& SARS): COVID-19	International Journal of Pharmaceutical Reaseach,2021, 13(10), 748-755	No	Yes	No	0
35	S. Shakir Basha, S. Nuzhath , S. Shehensha, B. Srilakshmi, S. Nawaz Mohammed	A review on current approaches of stability-indicating reverse-phase high-performance liquid chromatography method development and validation of antiviral drugs	Drug Invention Today, 2020, 13,(6), 940-945	No	Yes	No	0
36	Hindustan Abdul Ahad, B M Ishaq, L Siva Sanker Reddy, G Mahaboob Basha, M Sreenivasulu, C M Chetty	Rapid and Sensitive Bioanalytical Method Development And Validation For Quantification Of Metoprolol Using LC-MS/MS In Human Plasma	J.Chem.Soc.Pak., Vol. 42, No. 02, 2020	Yes	Yes	Yes	0
37	Raghavendra M, Sushmitha D, Raghuvveer Yadav P, Pradeepkumar B, Venkatakirankumar M, Abbulu K	Mitigative effect of Momordicacymbalaria fruit extract against sodium fluoride induced hepatotoxicity in Wistar male albino rats	Journal of Basic and Clinical Physiology and Pharmacology, 2020, 31(4); 1-9	Yes	Yes	Yes	0
38	Pradeepkumar B, Kalpana K, Tejaswini D, Arunkumar P, Narayana G, Saraswathi K, Haranath C	Assessment of Prescribing Pattern of Chemotherapeutic Agents in Oncology Unit of Tertiary Care Hospital: A Cross Sectional Study	International Journal of Life science and Pharma Research, 10 (4); 123-7	No	No	Yes	0
39	Pradeepkumar B, Narayana G	Association of obesity with COVID-19 deaths	Current Medicine Research and Practice, 10(6);54-5	No	Yes	No	0
40	Narayana Goruntla, P. Stephen Azarya, MahithaChalagundla, DasarathaRamaiah Jinka1, Pradeepkumar Bhupalam2, VishnuvandanaBandaru	Comparison of Efficacy, Safety, and Humanistic Outcomes of Iron-Chelation Therapy in Pediatrics Suffering from Transfusion-Dependent β -Thalassemia Major	Indian Journal of Medical Specialities, 2020, 11(3), 137-42	No	Yes	Yes	0
41	Narayana Goruntla, Jyothi Suchitra, GunduKavya Suma, GN. Deepthi, ChallaDivya Jyothi, Bhupalam Pradeep Kumar	Physician's Knowledge, Attitude, and Practice towards Human Papilloma Virus (HPV) Vaccine Recommendation in Anantapur District, Andhra Pradesh, India	Archives of Pharmacy Practice, 2020, 11(2), 137-44	No	Yes	Yes	2
42	Narayana Goruntla, BhupalamPradeepkumar, JinkaDasarathaRamaiah,ThummalaJayasree, DasariLaluprasad Yadav, BonalaKranthi Kumar	Knowledge, perception, and practices towards COVID-19 pandemicamong general public of India: A cross-sectional online survey	Current Medicine Research and Practice, 10(4);153-59	No	Yes	No	25
43	Narayana Goruntla, JyoshnaKolisetty, Kishore Moses, PradeepkumarBhupalam, Bogireddy Sahithi, SMG Ishrar, Neelima Ganzi and ShaziyaSadaf D	Impact of Pharmacist Counselling on Knowledge, and Medication Adherence in Tuberculosis Patients: A Quasi-Experimental Design	International Journal of Life science and Pharma Research, 10 (5); 6-10	No	No	Yes	0
44	Nirmala M, Sathish Kumar Sure, Priyanka Jagadeesh, UshaBrindhini	Effectiveness of combined use of rectal misoprostol and oxytocin for prevention of postpartum hemorrhage after cesarean section	International Journal of Research in Pharmaceutical Sciences, 2020, 11(3): 3556-62	No	Yes	No	0
45	Veerendra Uppara, SaisekharKodivandla, Ashik Ali Shaik	A Review on Global Trends in Heart Failure and Evolution of Angiotensin-Nepriylsin Inhibitor	Asian Journal of Pharmaceutical and Clinical Research	No	Yes	No	0
46	Abdulkadir Abdu, MohanrajRathinavelu, Gamma Birir Mohamed musa, Adam Abubaker Mohamed	Pharmacy Students Attitude towards academic research in south India	International Journal Of Research in Pharmaceutical Sciences	No	Yes	No	0
47	Nulakathati Vani, NishadhamSravani, ThippeswamyRamya, MohanrajRathinavelu, Mekala Jyothi Suchitra	Clinical Profile Of Adolescent Girls With Gynaecological Problems In Rural South India	International Journal Of Pharmacy and Pharmaceutical Sciences	No	Yes	No	0
48	Hindustan Abdul Ahad, HaranathChintaginjala, ManjoorAhamad, GamaaBibir Mohamed Musa, Omer Ibrahim Abdulla Omer, Birir Abdulla Birir Musa, Osman Ali Osman Ali	Designing and Assessing of Atomoxetine Matrix Tablets Using Daturastramonium Leave Mucilage for the Treatment of Attention-Deficit Hyperactivity Disorder	Curr. Pharm. Res. 2020, 10(2), 3605-3614.	No	No	No	0

49	Hindustan Abdul Ahad, HaranathChinthaginjala, BhupalamPradeepkumar, MunagalaVenkata Krishna Sharrvani , Chakrakala Neha , AswathyMelel	Savage Coronavirus: Things to Know Being a Health Care Person	Inter. J. Pharma O2, 2020; 2 (1); 100-103	No	No	No	0
50	Hindustan Abdul Ahad, AnushaGollaBala, HaranathChintaginjala, Sai Priyanka Manchikanti, AkhilKamsali, and Rahul RaghavDasari	Equator Assessment of Nanoparticles Using the DesignExpert Software	Int J Pharm Sci Nanotech Vol 13; Issue 1 • January– February 2020	No	No	No	0
51	HindustanabdulAhad, haranath, debraj, Dharani	A Quick Reference to The Diagnosis Test for COVID-19: Guide to Every Healthcare Professional in Global Emergencies	International Journal of Pharma Sciences and Research (IJPSR), Vol. 11 No. 04 Apr 2020, 58-64	No	No	No	0
52	Hindustan Abdul Ahad, ChinthaginjalaHaranath, BapatiSravya, GopavaramSumanth , KumbarthiThanmayaDivya, AswathyMelelSomarajan	Past Decade Work On Osmotic Drug Delivery System: A Generous Review	International Journal of All Research Education and Scientific Methods (IJARESM), 8 (9), September-2020,	No	No	No	0
053	GopavaramSumanth, Hindustan Abdul Ahad,ChinthaginjalaHaranath, PalagiriNitish Kumar Reddy, Pani Sai Raghava, DR. KsheerasagareTarun	Congo Hemorrhagic Fever: Mutated Old Flu New Threat to Mankind	International journal of PharmaO2	No	No	No	0
54	Hindustan Abdul Ahad, Sudarshan A, AdimulapuSathish, SrikanthPottendla, Saravanan G, Jyothi Priya Mani Bangaru, Pasupuletsravani.	An Approach to Explore Anthelmintic Activity of Erythroxyllumnogynum Leaves in Pheretima posthuma as test Worm	176.Inter. J. Pharma O2, 2020; 2 (1); 90-95.	No	No	No	0
55	KhaggaBhavyasri, ChejatiMounika, M Sumakanth, ZakariaAbidli, Sara Jadda, Salma Ammo, Ramalingam Peraman	Method Development, Validation and Forced Degradation Studies for Determination of Tigecycline in Bulk and Pharmaceutical Dosage Form using UV Spectroscopy	Journal of Young Pharmacists, 2020, 12, 2s, s63. DOI: 10.5530/jyp.2020.12s.48	No	No	Yes	0
56	RamavathMohanbabuNaik, Syed Ahmed, S. Vijay kumar, K. Radhika, K. Vinod Kumar	Development and Validation of UV- Spectroscopic methods for Simultaneous Estimation of Hydrocortisone and Iodoquinol in Tablet Dosage Forms	Research Journal of Pharmacy and Technology https://doi.org/10.5958/0974-360X.2020.00668.X	No	No	No	0
57	Veerendra, Shaik Ashik Ali, K.Saisekhar	Clinical profile of poisoning cases in secondary referral healthcare settings of Andhra Pradesh	World Journal of Pharmaceutical Research, 2020, Vol 09, Issue 3, pp: 791-802 DOI: 10.20959/wjpr20203-16816	No	No	No	0
Publication in 2019							
1	Suryaprakash Reddy Chappidi, Eranti Bhargav, HaranathChinthaginjala, Mallela Vijaya Jyothi	A Cost Effective (qbd) Approach in the Development and Optimization of Rosiglitazone Maleate Mucoadhesive extended Release Tablets – In Vitro and Ex Vivo	Adv Pharm Bull, 2019 , 9(2), 281-288 https://doi.org/10.15171/apb.2019.032 (https://doi.org/10.15171/apb.2019.032)	SCIE	Yes	Yes	6
2	Vijaya Jyothi M, Naresh babu C, Bhargav E, Ramalingam P, HemanthVikram P.R, Gowthami M	GC-MS analysis of Croton scabious Bedd. Extracts & their molecular docking studies for anti-cancer activity against Breast & lung cancer factors	Int. J. Res. Pharm. Sci., 10(4), 3796-3804 https://doi.org/10.26452/ijrps.v10i4.1771 (https://doi.org/10.26452/ijrps.v10i4.1771)	No	Yes	No	0

3	Mallela Vijaya Jyothi, Eranti Bhargav, Chilamakuru Naresh Babu, Kanala Somasekhar Reddy, Kumar Bhupalam Pradeep, Rao Ravi Prasad	Apoptosis-Mediated Cytotoxic Effect of Carallumaadscendensvar.attenuata on Colon (HT29) and Hepatic (HepG2) Cancer Cell Lines	J Pharm BioallSci2019;11:38-42. https://doi.org/10.4103/jpbs.jpbs_117_18 (https://doi.org/10.4103/jpbs.jpbs_117_18)	No	Yes	Yes	2
4	SG Badavenkatappa, R Peraman	In vitro antitubercular, anticancer activities and IL-10 expression in HCT-116 cells of Tinosporasinensis (Lour.) Merr. leaves extract	Natural Product Research, 1-6 https://doi.org/10.1080/14786419.2019.1705814 (https://doi.org/10.1080/14786419.2019.1705814)	SCI	Yes	Yes	4
5	Kanala Somasekhar reddy, AkkirajuSudheer, BhupalamPradeepkumar, ChappidiSuryaprakashreddy	Effect of a polyherbal formulation in streptozotocin-induced diabetic nephropathy in wistar rats	Indian Journal of Pharmacology, 2019;51:330-6	SCIE	Yes	Yes	0
6	Kishore Konam, Somasekhar reddyKanala	Quantification of Sofosbuvir and Velpatasvir in Human Plasma using LCMS/MS Technique -Application to Pharmacokinetic Study	Journal of Young Pharmacists, 2019;11(3):266-273	No	No	Yes	0
7	HaranathChinthaginjala, *, Gandla Chaitanya Barghav, Challa Mahesh Reddy, BhupalamPradeepkumar, Hindustan Abdul Ahad	Formulation and in vitro Evaluation of Floating Tablets of Dicloxacillin Sodium Using Different Polymers	J Young Pharm, 2019;11(3):247-253	No	No	Yes	2
8	C. Haranath *, C. Suryaprakash Reddy, B. Pradeep Kumar and K. Arshad Ahmed Khan	Formulation And In-Vitro Evaluation Of Fast Dissolving Tablets Of Lacosamide Using Natural Super Disintegrants	IJPSR, 2019; Vol. 10(6): 2769-2776.	No	No	Yes	4
9	C. Haranath*, T. Srikanth, M. Suresh Krishna, G. ChaithanyaBarghav, C. Mahesh Reddy	Formulation and invitro evaluation of fast disintegrating tablets of an anti-inflammatory drug	IAJPS 2019, 06 (05), 10790-10799	No	No	Yes	0
10	C. Haranath , K. Rajesh Reddy , A. Sai Likhitha , S. Chandra Kiran C. Suryaprakash Reddy , E. Bhargav G. ChaithanyaBarghav	Formulation and Optimization of Ketorolac Tromethamine HCl fast disintegrating tablets by experimental design	Int. Res. J. Pharm. 2019, 10 (7): 79-86	No	Yes	No	2
11	Haranathchinthaginjala, hindustanabduhad*, maheshreddychalla, gandlachaithanya, barghav, pasamdevika, srikanthamsaivikas	Human organic solute transporters uttered in small intestine, liver, and kidney for homeostasis	Int J App Pharm, Vol 11, Issue 6, 2019, 12-17	No	Yes	No	0
12	BhupalamPradeepkumar, Narayana G, Haranath C, Ramalingam P, SomasekharReddy K, Sudheer A, Veerabhadrapa KV, Vijayajyothi M	Impact of pharmacist mediated educational program on knowledge and practice of menstrual hygiene among adolescent girls	International Journal of Research in Pharmaceutical Sciences, 10 (4) , 3083-88	No	Yes	No	0
13	BhupalamPradeepkumar, Narayana G, Haranath C, Ramalingam P, SomasekharReddy K, Sudheer A, Veerabhadrapa KV, Vijayajyothi M	Yes or No 2.0: Are likert scales always preferable to dichotomous rating scales	International journal of pharmaceutical investigation, 9 (3), 146	No	No	Yes	0
14	Goruntla Narayana, M Vijayajyothi, N Devanna	Effect of pharmacist directed counselling services on knowledge, attitude, and practice (KAP) and blood pressure control in hypertensive patients: a randomized control trial	International Journal of Pharmaceutical Sciences and Research, 10(11): 5109-16	No	No	Yes	0
15	Goruntla Narayana, Pandey P, Kumar AGA, Kumar A, Pradeepkumar B, Veerabhadrapa KV	Knowledge, Attitude and Practice of Community Pharmacists on Medication Safety during Pregnancy: A Cross-sectional Study	International Journal of Pharmaceutical Investigation, 9(4):215-9.	No	No	Yes	1
16	Goruntla Narayana, M Vijayajyothi, N Devanna	Impact of pharmacist-directed counseling and message reminder services on medication adherence and clinical outcomes in type 2 diabetes mellitus	Journal of Pharmacy and Bioallied Sciences, 11:69-76.	No	Yes	Yes	19
17	Goruntla Narayana, VijayajyothiMallela, DevannaNayakanti	Impact of pharmacist directed counseling on knowledge, attitude, practices and medication adherence among hypothyroidism patients: a quasi-experimental design	International Journal of Research in Pharmaceutical Sciences, 10:1891-9	No	Yes	No	0
18	SMG Ishrar	Leprosy- Surgical History Concept and Traditional Use of Herbal Plants in India	acta scientific journal of pharmaceutical science,3,3,22	No	Yes	No	0
19	SMG Ishrar	Assessment of Knowledge, Attitude and Perception of risk factors among the geriatric population in South India"	acta scientific journal of medical sciences,3,4,105-108	No	Yes	No	0

20	KovvuruPraneeth Kumar Reddy,Kale Muni Sai Prathap, Hemraj Sharma ,Kondareddy Vinod Kumar	A Simple Colorimetric Method for the Determination of Raloxifene Hydrochloride in Pharmaceuticals Using Modified Romini's Reagent	International journal of analytical chemistry, 2019(1):1-5	Yes	No	No	3
21	KarthikaAnoop, GullapalliKowmudi, MukkamalaSailaja, Krishna VeniNagappan, Nagarajan Janaki Sankarachari Krishna, Ramalingam Peraman	An UFLC-DAD Method for the Quantification of Menaquinone-4 in Spiked Rabbit Plasma	Journal of young Pharmacists, 11(2) 149-153	No	No	Yes	0
22	G Kowmudi, K Anbu, M Udhaya Prakash, P DuraiRajan, P Ramalingam, N Krishnaveni	A Novel LC-ESI-MS/MS Method for the Quantification of Flibanserin in Bulk and Pharmaceutical Formulations	RSC-Conference on drug discovery and development technologies, 2019, 330-339	SCI	YES	No	0
23	V. MadhuSudarsan, A. Sudheer, K. Rama Krishna, K. Swathi, P. Sarvasree, M. Ashwini	Evaluation of cardioprotective effect of ethanolic extract of on Abelmoschuscusculentus Doxorubicin induced cardiotoxicity in rats	Asian Journal of Pharmacy and Pharmacology doi.org/10.31024/ajpp.2019.5.4.15 (http://doi.org/10.31024/ajpp.2019.5.4.15)	No	No	No	0
26	U. Raghu1, A. A. Hindustan2, K. Haritha1, J. Anji1, G. Sudhakar1, G. Vijayalakshmi1	Quick Reference to the Matrix Forming Gums and Mucilage	International Journal of Modern Science and Technology, 2019;4(3):61-66.	No	No	No	1
27	Ananda Lakshmi K, SudharshanaRA,Devanna N, Abdul Ahad H, Muneer S, Naresh G	Protein Tyrosine Phosphatase 1B Inhibitory Potential inErythroxylummonogynum Leaf Extracts	/ Asian Journal of Traditional Medicines, 2019, 14(2)	No	No	No	0
28	Anushagollabala, Hindustan Abdul Ahad,HaranathChintaginjala, Suryaprakash Reddy Chapidi, KalpanaKodi	A technical view on transporters-the drugpharmacokinetics dictators	MOJ BioequivAvailab. 2019;6(2):39-45.	No	No	No	0
29	Rahul R, Hindustan Abdul Ahad, Pravallika R, Ramya V, Hemanth C, Surya Praksh Reddy Y	Intellectual Property Rights in abroad	IJPSR, 2019; 10(5): 148-150	No	No	No	0
30	NarasimhuluEpe, Hindustan Abdul Ahad, Guru Sai Suresh Babu D, ChinthaginjalaHaranath, Manoj Kumar Reddy A	Need of intellectual property rights in India and other developing countries: A novel approach for global recognition and economic development	National Journal of Advanced Research, Volume 5; Issue 2; April 2019; Page No. 16-20	No	No	No	0
31	Hindustan Abdul Ahad, , U Raghu, C hemanth,Kharitha	A desk top reference guide to natural superdiainegrants	IJPSR, 2019, 10(8), 217-219	No	No	No	0
32	Surya Sumanth, Hindustan Abdul Ahad, Thanmaydivya, Haranath, Manjoor	The prominenece preservative counter balancing in parenteral fiormulations for strilization investigation	IJPSR, 2019,10(8), 220-223	No	No	No	0
33	Hindustan Abdul Ahad, Hemanth, Rahul, Gowthami, naga Jyothi, Shrvanathi,	Overview on recent optimization techniques in gastroretentivemicrocapsiuules by factorial design	IJPSR, 2019, 10(9), 247-250	No	No	No	0
34	Keerthi S, Rajeshpawan A, Hindustan Abdul Ahad, Naveena C, Yuvasree S, Venkataramana V, Raghu U	Valuing Best Poloxamer Carrier for Meloxicam Solid Dispersions by novel microwave fusion: Designing and Characterization	A J Life Sci. 2019, 2 (1): 1-15	No	No	No	0
35	Hindustan Abdul Ahad, HaranathChintaginjala,,ManjoorAhamad, , GamaaBibir, Musa, Omer Ibrahim, Birrir, Osman Ali	Designing and Assessing of Atomoxetine Matrix Tablets Using Daturastramonium Leave Mucilage for theTreatment of Attention-Deficit Hyperactivity Disorder.	Curr. Pharm. Res. 2020, 10(2), 3605-3614	No	No	No	0
36	Hindustan Abdul Ahad*, AnushaGolla Bala2, Haranath Chintaginjala1, Sai Priyanka Manchikanti2, AkhilKamsali 2 and Rahul Raghav Dasari1	Equator Assessment of Nanoparticles Using the Design-Expert Software	International Journal of Pharmaceutical Sciences and Nanotechnology, 2020, 13 (1)4766-4772	No	No	No	1
37	BhupalamPradeepkumar, Narayana G, Haranath C, Ramalingam P, SomasekharReddy K, Sudheer A, Veerabhadrapa KV, Vijayajyothi M	Impactofpharmacistmediatededucationalprogramonknowledgeand practiceof menstrual hygieneamongadolescentgirls	International Journal of Research in Pharmaceutical Sciences, 10 (4) , 3083-88 0.26452/ijrps.v10i4.1598	No	Yes	No	2
38	Goruntla Narayana, Jampala S, Mallela V, Bandaru V, Thamineni R, Bhupalam P	Epidemiology and antibiotic sensitivity pattern of asymptomatic bacteriuria during pregnancy: A cross-sectional study	10.4103/jhrr.jhrr_15_19	No	No	No	3

39	Naresh Babu Chilamakuru, SarvaSree P, ShahinFarhana S, Aruna A, Triveni S, Lalitha K. V and Vijaya Jyothi M	Ft-Ir Method For Quantification Of Canagliflozin In Bulk And Tablet Dosage Form – A Green Tactic	10.20959/wjpps20197-14171	No	No	No	0
40	HemrajSharma,BoyaMadhuri, Yiragamreddy Padmanabha Reddy, Kondareddy Vinod Kumar, Nanda Kishor Bhatta, BijayaLaxmiGiri	Hplc method for simultaneous determination of metformin and sitagliptin in pharmaceutical dosage forms and its applications to dissolution study	International Journal of Medical and Biomedical Studies (IJMBS) 3, 7, 2019, 166-177 10.32553/ijmbs.v3i7.406	No	No	No	1
41	J Naga Mohan Reddy, R Sai Bharath, G Chinnareddaiah and K Vinod Kumar	RP-HPLC method development and validation for the simultaneous estimation of hydrochlorothiazide and amlodipine in tablet dosage form	The Pharma Innovation Journal 2019; 8(8): 276-280	No	No	No	0
Publications in 2018							
1	A. Sudheer, C. Sowmya, C. Suryaprakash Reddy, E. Bhargav, S. Chennakesavulu, A. Mishra	Pulmonary delivery of liposomal dry powder inhaler formulation for effective treatment of idiopathic pulmonary fibrosis	Asian Journal of Pharmaceutical Sciences 2018, 13: 91-100	Yes	Yes	No	22
2	Naresh Babu C, Mounika P, Mounika Bai R, Sai Keerthana B, Triveni S, Vjaya Jyothi M,	A green approach for quantification of Naproxen in bulk and oral dosage form by FT-IR method	International Journal of Research in Pharmaceutical Sciences 2018; 9 (1): 189-193	No	Yes	No	0
3	Rajesh Reddy, Ramalingam Peraman,SubbaRaoDakinedi,	Stability indicating RP-HPLC method for quantification of Edoxabantosylate,	International journal of research in pharmaceutical sciences 2018; 9 (2): 314-320	No	Yes	No	0
4	K.Vinod Kumar, Hemraj Sharma, Hari Prasad Sapkota,Shakti Shrestha,	Evaluating the effect of drying for estimation of thiamine and iron contents in various food products by different analytical methods,	Journal of Nepal Pharmaceutical Association, 2018; 28 (1): 17-23	No	Yes	No	0
5	Vijaya Jyothi M, Bhargav E, Keerthana B, Varalakshmi Devi K,	RP-HPLC method development and validation for the simultaneous estimation of Irinotecan hydrochloride and Capecitabine in Active Pharmaceutical Ingredients (APIs),	International Journal of Research in Pharmaceutical Sciences, 2018; 9 (1): 63-67	No	Yes	No	0
6	Ramalingam Peraman, Amit K. Tiwari, M. Geetha Vani, J. Hemanth, Y. GeethaSree, K. Karthik, Charles R. Ashby Jr, Y. Padmanabha Reddy, Raghuvveer V. Pemmadi.	New camphor hybrids: lipophilic enhancement improves antimicrobial efficacy against drug-resistant pathogenic microbes and intestinal worms.	Medicinal Chemistry Research, 2018: 27; 1728.	Yes	Yes	No	2
7	Raghuvveer Varma P, PurnaNagasree K, Sangeetha G, RisyNamratha J, Murali Krishna Kumar M.	Microwave assisted synthesis and SAR studies of novel hybrid phenothiazine analogs as potential antitubercular agents.	Indian Journal ofChemistry 2018; 57B: 556-566	Yes	Yes	No	1
8	Manjoor A.S.; Y Padmanabha Reddy; Chandrasekhar KB, Molecular docking study of some novel imidazo [2,1-b] [1,3,4]-thiadiazole derivatives,	Molecular docking study of some novel imidazo [2,1-b] [1,3,4]-thiadiazole derivatives,	Journal of Pharmaceutical and Scientific Innovation, 2018; 7(3): 61-65	No	Yes	No	0
9	Manjoor A.S.; Y Padmanabha Reddy; Chandrasekhar KB.	Design, one pot synthesis and Biological Evaluation of Imidazo[2,1-b][1,3,4]thiadiazole derivatives for their anti-tubercular and anti-fungal activity,	Journal of Applied Pharmaceutical Science, 2018; 8(7): 21-27.	No	Yes	No	8
10	Vijaya Jyothi M, Bhargav E, Pavan Kumar K, PraneethGoud K, Ram Pavan S,	Evaluation of Antioxidant and Anthelmintic activity of methanolic flower extract of Nyctanthesarbor-tristis,	International Journal of Research in Pharmaceutical Sciences, 2018; 9(1) 78-91	No	Yes	No	0
11	BhupalamPradeepkumar, AkkirajuSudheer, TallaSrinath Reddy, Kanala Somasekhar Reddy, Goruntla Narayana, KasturiVeerabadrappa	Cardioprotective activity of Flavonoid fraction isolated from leaves of Gymnemasylvestre on Doxorubicin induced Cardiac damage in rats,	Journal of Young Pharmacists	No	No	Yes	5
12	Dr.s.m.g.ishrar,R.n,saikeerthana,M.pramodsunny,N.Chaithanyakumar,	Assessment of knowledge attitude and perception of transition of care pharmacy students in south india	ISOR journal of nursing and health sciences, 2018; 10(4) 483-87	No	Yes	No	0

13	Bogireddy Sahithi ,S.M.G. Ishrar , F. Susheela , Narayana Gorantla , Pradeep Kumar Bhupalam , K.V. Veerabhadrapa,	Assessment of knowledge attitude and practice towards responsible self medication among students of pharmacy colleges Located in ananapur district, Andhra pradesh, India	Journal of Education and Health Promotion, 2018; 7	No	Yes	No	9
14	Goruntla N, Mallela VJ, Nayakanti D,	Impact of one-dose package dispensing with patient counseling on medication adherence in geriatrics suffering from chronic disorders	CHRISMED J Health Res, 2018; 5: 18-22	No	Yes	No	5
15	Narayana G, Suchitra MJ, Sunanda G, Ramaiah JD, Kumar BP, Veerabhadrapa KV	Knowledge, attitude, and practice toward cervical cancer among women attending Obstetrics and Gynecology Department: A crosssectional, hospital-based survey in South,	Indian Journal of Cancer, 2017; 54: 481-487	No	Yes	No	0
16	Narayana Goruntla, Govardhan Kumar Arakala, Gowthami Priyanka Nelluri, K. Naga Mounika, Srinivas Pujari, Manoj Kumar Byalla,	Comparison of Efficacy, Safety, and Cost Effectiveness of Topical Salicylic Acid 6% versus Clobetasol Propionate 0.05% in the Treatment of Limited Chronic Plaque Psoriasis,	Journal of Health Research and Reviews, 2018; 5: 86-92	No	Yes	No	1
17	Bindu Vani Y, Haranath C, Surya Prakash Reddy C, Bhargav E,	Formulation and in vitro Evaluation of PiroxicamEmulgel	Int. J. Pharm. Sci. Drug Res, 2018, 10 (4): 227-232. ISSN: 0975-248X; DOI:10.25004/IJPSDR.2018.100404	No	No	No	1
18	K Arshad Ahmed Khan, A Aswini, B Srinath, C Suryaprakash Reddy	Design and Development of PaliperidoneLiquisolid Compacts to Enhance Solubility	Inventi Rapid: Pharma tech2018, (4), 1-5. ISSN: 0976-3783.	No	No	No	2
19	NiroshaManyam, Kishore Kumar Reddy Budideti, SurendraMogili,	Formulation and in-vitro Evaluation of Nanosponge Loaded Extended Release Tablets of Trimethoprim.	UPI Journal of Pharmaceutical, Medical and Health Sciences, 2018; 1(1): 78-86 .	No	No	No	0
20	S. Sai Vikas, M. Nirosha, T. Pragna D. Shakeer, L. Chandana, D. Tarun,	Dissolution Enhancement of Racecadotril by using In-situ Micronization Technique.	International Journal of Medicine and Pharmaceutical Research, 2018, 6(3):91-95. ISSN: 2321-2624	No	No	No	0
21	T. Pragna, M. Nirosha, S. Sai Vikas, D Tharun, K. Pavan Kumar	Formulation and Characterization of Amiodarone Liquisolid Compacts	International Journal of Pharmacy and Natural Medicines2018, 6(1): 51-55. ISSN: 2321-67430	No	No	No	1
22	Sai Keerthana B, Peraman R, Jahnavi B, Padmanabha Reddy Y, Lava kumar B	Development of selective stability Indicating HPLC - DAD method for determination of Milrinone and its degraded products	Manipal Journal of pharmaceutical Sciences, 2018, Vol 4: Issue 1;4-10	No	No	No	1
23	KV Lalitha, J Raveendra Reddy and N Devanna,	Stability indicating RP-HPLC method development and validation for estimation of Sofosbuvir in pharmaceutical dosage form.	The Pharma Innovation Journal, 2018; 7(5): 656-662. ISSN: 2277-7695.	No	No	No	0
24	Vijaya Jyothi M, A Sudheer, E Bhargav, Ravi Prasad Rao, C Naresh babu, P VasimaNazneen, B Pradeep Kumar, S Salamma,	in vitro & in vivo antioxidant and hepatoprotective potential of carallumaadscendens var. Attenuata against ethanol toxicity	Indo American journal of pharmaceutical sciences, 2018, 05 (04), 2541-2549. ISSN: 2349-7750; http://doi.org/10.5281/zenodo.1219717 (http://doi.org/10.5281/zenodo.1219717)	No	No	No	0
25	Triveni Singirisetty, Naresh Babu Chilamakuru, VijayajyothiMallela, Kona Prathyusha,	Molecular Docking Studies of novel Quinazoline-2-imine derivatives as Potential Anti-inflammatory Agents Against TGF Beta Receptor Type 1	UPI Journal of Pharmaceutical, Medical and Health Sciences, 2018; 1(1): 87-100	No	No	No	0
26	Dr.ishrar ,v.hemalathareddy,mohanrajrathinavelu ,lokeshvobineni,	Prescribing Pattern and Cost analysis of antihypertensives in india	Journal of Basic and Clinical Pharmacy, Vol 4, Issue 2, April-June 2017: 94-8.	No	No	No	0
27	Mohanraj RM, Priyanka PT, Ishrar SMG, Sahith B, Siva Bharat G, Sasikala B.	Medicatio Adherence and clinical outcomes towards Oral hypoglycemic agents among type II Diabetic Cohort	Indian Journal of Pharmacy Practice, 2018; 12(4): 147-152. DOI: 10.5530/ijopp.11.3.31	No	No	No	0
28	Mohanraj RM, Priyanka PT, Jaswanth Reddy V, Ismail Basha G, Jaya Agnes M, B Thomas.	Responses of Healthcare providers and public towards Six Years Pharmacy Practice Program (Pharm.D) in South India.	Journal of Basic and Clinical Pharmacy, 2018; 9: 262-269.	No	No	No	0

29	Mohanraj RM, Samhitha Reddy Y, Priyanka PT, Sowjanya U, Nagamani S, Sreedhar V.	Quality of Life in Stroke Patients using SSQoL Scale and Barthel Index.	Indian Journal of Pharmacy Practice. 2018; 11(1): 44-50. DOI: 10.5530/ijopp.11.1.8.	No	No	No	2
30	Veerabhadrapa K. V., Raveendra Reddy J.	Anti-cancer activity in hepatocellular carcinoma cell line hepg2 from folklore plant.	International Journal of Current Research, 2018; 10(2): 65074-79.	No	No	No	1
31	KasturiVishwanathaSettyVeerabhadrapa,	Pharmacological Evaluation of Novel Flavone from Morus Alba in Pentylene-tetrazole-Induced Kindling and Oxidative Stress.	Journal of Environmental Pathology, Toxicology and Oncology, 2018; 37(1):43-52.	No	No	No	2
32	MVNL Chaitanya, SanthivardhanChinni, MV Jyothi and Y Padmanabha Reddy.	The importance of Quality Management System for a Successful Health Care Industry: A review based on case studies.	Journal of Chemical and Pharmaceutical Research 2018; 10(8): 143-149. ISSN: 0975-7384.	No	No	No	4
33	KV Veerabhadrapa, P Devika, D Deepti, G Gupta, G Narayana, B Pradeepkumar, Y Padmanabha Reddy.	Synergistic antiulcer activity of methanolic extract of a mixture of Cinnamon Cassia bark and Annona squamosal twigs in indomethacin-induced ulcer.	Asian pacific journal of Health Sciences. 2018; 5(2): 1-4. eISSN: 2349-0659; doi: 10.21276/apjhs.2018.5.2.1	No	No	No	1

Books / Book Chapters 2018-2020

Year	2018	2019	2020	Total
Books	4	1	1	6
Book Chapters	0	1	3	4
			Total	10

1. Dr. M.V.N.L. Chaitanya, Drug Discovery of Anticancer Agents from the Weeds of the Nilgiris Using High Throughput screening techniques, Medcrave online Publishers, (e-books) 2018. ISBN: 978-0-9967956-6-1.
2. Haranath C, Surya Prakash Reddy C, and Pradeep Kumar B. Practical Manual of Bio-Pharmaceutics and Pharmacokinetics, Lamberts Publishing House Pvt. Ltd, 2018. ISBN: 978-613-990375-7.
3. Haranath C, Surya Prakash Reddy C, Pradeep Kumar B. Practical manual on Controlled and Targeted Drug Delivery Systems, Lamberts Publishing House Pvt. Ltd, 2018. ISBN: 978-3-659-33834-2
4. K Somasekhar Reddy, A Sudheer, U Usha Rani. Practical manual of Medical Biochemistry, Lamberts Publishing House Pvt. Ltd, 2018. ISBN: 978-613-9900145
5. Dr P Ramalingam, Ms. B. Jahnavi, QbD Consideration for Drug Development, Elsevier, 2019.
6. Dr P Ramalingam, Dr Y Padmanabha Reddy. Application of Spectral Studies in Pharmaceutical Product development (Basic Approach with Illustrated examples), Pharma Book Syndicate, 2019. ISBN 978-93-8830-585-3.
7. Dr. M. Vijaya Jyothi, Mr. C. Naresh Babu, Mrs. S. Triveni, Experimental Pharmaceutical Biochemistry for Pharmacy Students (As per PCI Syllabus), Asian Press Books, Kolkata, 2020. ISBN: 978-93-90238-16-3.

Ph. D Guiding / Ph.D Pursuing

S. No	Name of the PhD Scholar	Register Number	Name of the Department	Name of the Guide	Year of registration	Year of Award	University
1	Niroshamanyam	16PH1301	Pharmaceutics	Dr.M.Vijaya jyothi	2016	Pursuing	JNTUA

2	Akkirajusudheer	15PH1326	Pharmacology	Dr.M.Vijaya jyothi	2015	Pursuing	JNTUA
3	Yellamrajuramalingeswar Rao	14PH1308	Pharmaceutical Analysis	Dr.Y.Padmanabha Reddy	2014	Pursuing	JNTUA
4	Battulapradeep	19PH1312	Pharmacology	Dr.B.Pradeep kumar	2019	Pursuing	JNTUA
5	H.M.Sowjanya	19PH1310	Pharmaceutics	Dr.Hindusthanabduhad	2019	Pursuing	JNTUA
6	K.Suresh	15PH1321	Pharmacology	Dr.Hindusthanabduhad	2015	Pursuing	JNTUA
7	R Mohan Raj	0000 18	Pharmacy Practice	Dr. P. Ramalingam	2018	Pursuing	Annamalai University
8	K. V. Lalitha	13PH1302	Pharmaceutical Analysis	Dr. J. Raveendra Reddy	2013	Pursuing	JNTUA
9	Kishore Konam	16PH1306	Pharmaceutical Analysis	Dr. K. Somasekhar Reddy	2016	Pursuing	JNTUA
10	K Pavan Kumar Raju	16PH2132	Pharmaceutical Analysis	Dr. J. Raveendra Reddy	2016	Pursuing	JNTUA
11	R Amarnath Reddy	16PH6316	Pharmaceutical Analysis	Dr. Y. Padmanabha Reddy	2016	Pursuing	JNTUA
12	K Phaneendra	18PH1304	Pharmaceutics	Dr. SanthivardhanChinni	2018	Pursuing	JNTUA
13	K S Girinath	18PH1310	Pharmaceutics	Dr. SanthivardhanChinni	2018	Pursuing	JNTUA
14	S.Shehansha	16PH1332	Pharmaceutical Chemistry	Dr. M. Vijaya Jyothi	2016	Pursuing	JNTUA (Full-time)
15	Y Samhitha Reddy	16PH1334	Pharmacy Practice	Dr. K. Somasekhar Reddy	2016	Pursuing	JNTUA (Full-time)
16	CH. Mounika	16PH1336	Pharmaceutics	Dr. J. Raveendra Reddy	2016	Pursuing	JNTUA (Full-time)
18	B Sreelakshmi	16PH1319	Pharmaceutical Chemistry	Dr. P. Ramalingam	2016	Pursuing	JNTUA (Full-time)
19	P Muralidhar	16PH1331	Pharmaceutics	Dr. K. Somasekhar Reddy	2016	Pursuing	JNTUA (Full-time)
20	MazinAboobaidaabdalla	17PH1301	Pharmaceutical Chemistry	Dr. P. Ramalingam	2017	Pursuing	JNTUA (Full-time)
21	B Sahithi	18PH1306	Pharmacy Practice	Dr. Y. Padmanabha Reddy	2018	Pursuing	JNTUA (Full-time)
22	Sathish Kumar Sure	19PH1304	Pharmacology	Dr. SanthivardhanChinni	2019	Pursuing	JNTUA (Full-time)
23	L. Sunil Kumar	19PH1307	Industrial Pharmacy	Dr. H Abdul Ahad	2019	Pursuing	JNTUA (Full-time)
24	E. Bhargav	209000003	Pharmaceutics	Dr. Y. Padmanabha Reddy	2020 (Feb)	Pursuing	MAHE (Full-time)

25	Chilamakuru Naresh Babu	209000004	Pharmaceutical Chemistry	Dr. P. Ramalingam	2020 (Feb)	Pursuing	MAHE (Full-time)
26	Pokuri Chiranjeevi	209000023	Pharmaceutical Analysis	Dr. P. Ramalingam	2020 (May)	Pursuing	MAHE (Full-time)
27	B. Nagashubha	209000049	Pharmaceutics	Dr. Y. Padmanabha Reddy	2020 (Sep)	Pursuing	MAHE (Full-time)
28	S. Triveni	219000019	Pharmaceutical Chemistry	Dr. P. Ramalingam	2021 (Apr)	Pursuing	MAHE (Full-time)
29	Y. Sravani	219000020	Pharmaceutics	Dr. Hindustan Abdul Ahad	2021 (Apr)	Pursuing	MAHE (Full-time)

Ph. D guided / Ph.Dawarded

S. No	Name of the PhD Scholar	Register Number	Name of the Department	Name of the Guide	Year of registration	Year of Award	University
1	D. Ramakanthreddy	12PH1308	Pharmaceutical Analysis	Dr. Y. Padmanabha Reddy	2012	2017	JNTUA
2	C. Suryaprakashreddy	0900PH1312	Pharmaceutics	Dr. Y. Padmanabha Reddy	2009	2017	JNTUA
3	BhupalamPradeepkumar	0900PH1360	Pharmacology	Dr. Y. Padmanabha Reddy	2009	2017	JNTUA
4	K. Vinod Kumar	0803PH22C45	Pharmaceutical Analysis	Dr. Y. Padmanabha Reddy	2008	2017	JNTUH
5	C. Haranath	10PH1336	Pharmaceutics	Dr. J. Raveendra Reddy	2010	2017	JNTUA
6	A Sanjeeva Kumar	1203PH2218	Pharmacognosy	Dr. J. Raveendra Reddy	2012	2018	JNTUH
7	Manjoorahamadsyed	14PH1309	Pharmaceutical chemistry	Dr. Y. Padmanabha Reddy	2014	2018	JNTUA
8	M. Venkatasunilkumar	0903PH22A6	Pharmacology	Dr. Y. Padmanabha Reddy	2009	2018	JNTUH
9	MohanaVamsi Krishna	PP.PHRM.0014	Pharmaceutical Analysis	Dr. Y. Padmanabha Reddy	2014	2018	Royalaseema University
10	Shaik Muneer	14PH1310	Pharmaceutical Analysis	Dr. Hindusthanabduhad	2014	2019	JNTUA
11	A. Hemanth	14PH1307	Pharmaceutics	Dr. Hindusthanabduhad	2014	2019	JNTUA
12	K. V. Veerabhadrapa	PU138170	Pharmacognosy	Dr. J. Raveendra Reddy	2013	2019	Pacific University

13	Kadiri Rajesh Reddy	13PH1322	Pharmaceutical Analysis	Dr. P. Ramalingam	2013	2019	JNTUA (Full time)
14	NuliMohanaVamsi	PP.PHRM.0014	Pharmaceutical Analysis	Dr. Y. Padmanabha Reddy	2014	2019	Rayalaseema University
15	Mubarakhasan shah M	0903PH2235	Pharmaceutical Analysis	Dr. Y. Padmanabha Reddy	2009	2019	JNTUH
16	Raghavendra chenna	PP.PHR.0020	Pharmacology	Dr. Y. Padmanabha Reddy	2016	2020	Rayalaseema University
17	ND Nizamuddin	15PH1325	Pharmaceutical Chemistry	Dr. Hindusthanabdelahad	2015	2021	JNTUA
18	G Narayana	14PH1313	Pharmacy Practice	Dr. M. Vijaya Jyothi	2014	2021	JNTUA

5.7.2 Sponsored Research (10)

Institute Marks : 10

2020-21

Project Title	Duration	Funding Agency	Amount (in Rupees)
Prerana Scheme	3 Years	AICTE – PRERANA	523333.00
Studies on the efficacy of Rosmarinusofficinalis L. and Salvia officinalis L. plant extracts against post-stroke brain damage and neurological recovery in male rats	3 Years	AICTE - RPS	1058824.00
Modernization of phytochemical research laboratory to undertake isolation of biologically active hits from natural resources	2 Years	AICTE - MODROBS	1533334.00
Green chemistry and advanced analytical techniques of pharmaceuticals and product development aspects as per the regulatory requirements.	One week	AICTE-STTP	436000.00
Clinical mapping of epidemiology and bio-statistics in biomedical and health research	One week	AICTE-STTP	310000.00
Phytochemical, Isolation, Standardization and Biological Evaluation of herbal medicines	One week	AICTE-STTP	283333.00
			Total Amount(X): 4144824.00

2019-20

Project Title	Duration	Funding Agency	Amount (in Rupees)
Africa – India Mobility fund award	3 Months	Welcome Trust / DBT India alliance	532800.00
One day Basic Training Programme on Human Rights	One day	NHRC	50000.00
			Total Amount(Y): 582800.00

2018-19

Project Title	Duration	Funding Agency	Amount (in Rupees)
Molecular manipulation and hybrid strategy in design and discovery of Cytochrome bc1 inhibitors as potent leads for drug resistant tuberculosis.	3 Years	DST – SERB	4234050.00
Phytochemical Evaluation, Isolation, Characterization and Bioactivity screening of Natural products	one week	AICTE-STTP	279000.00
New strategies and advancements in “Good pharmacy practice” to facilitate regulatory pharmaceutical care to patients	two week	AICTE-FDP	482000.00
Role of Quality by Design (QbD): A tool for regulatory flexibility in the current drug developemnt	One week	AICTE-STTP	277000.00
CEP for Pharmacy teachers	Three days	PCI	300000.00
New insights to Advances in Drug Discovery for the treatment of Drug resistant infectious diseases	Two week	AICTE-FDP	438000.00
Advances in Drugs Discovery Against Resistant Diseases	3 days	AICTE - GOC	500000.00
Skill and Personality Development Program Centre for SC/ST students	3 Years	AICTE - SPDP	454000.00
			Total Amount(Z): 6964050.00

Cumulative Amount(X + Y + Z) = 11691674.00

5.7.3 Consultancy (from Industry) (10)

Institute Marks : 8

2020-21

Project Title	Duration	Funding Agency	Amount (in Rupees)
Pre-formulation for development of nano-suspension for X-09181	2 Years	Rexer Pharma Private limited, Hyderabad	500000.00
Development of assay method for X-09180 by HPLC and Method transfer at Site	1 Year	Rexer Pharma Private limited,	200000.00
Development of assay method for X-09179 by HPLC and Method transfer at Site	1 Year	Rexer Pharma Private limited, Hyderabad	200000.00
Development of assay method for X-09178 by HPLC and Method transfer at Site	1 Year	Rexer Pharma Private limited, Hyderabad	200000.00
			Total Amount(X): 1100000.00

2019-20

Project Title	Duration	Funding Agency	Amount (in Rupees)
Aqueous extraction and GCMS characterization of unknown sample kok1	1 Year	Ben Janson, Kokkal life sciences, Kokkal, Mumbai.	50000.00
Extraction, isolation and identification of phyto-principles of five unknown crude drugs	1 Year	K. Gayathri, Karpagam Academy of Higher Education, Coimbatore, 9787444459.	103950.00
Evaluation of anti-diabetic activity of Achyranthusaspera in high fat diet and streptozotocin induced diabetes in Rats.	1 Year	B. Shahajeer, Saveetha University, Chennai.	50000.00
Phytochemical standardization and characterization of unknown traditional ayurvedic formulations	1 Year	Proprietor, Agasthiar Pharmaceuticals, Salem	44000.00
Nano Suspension for the active pharmaceutical ingredient	1 Year	CEO, Waksman Selman pharmaceuticals private limited, Anantapur	200000.00
			Total Amount(Y): 447950.00

2018-19

Project Title	Duration	Funding Agency	Amount (in Rupees)
Qualitative analysis of anti-diabetic column fractions by chromatographic and spectral studies	1 Year	Y. Ramalingeswara Rao, Novartis, Hyderabad	89000.00
Nano Suspension for the active pharmaceutical ingredient	1 Year	CEO, Waksman Selman pharmaceuticals private limited, Anantapur	100000.00
Analytical Method and development validation for the following API related substances	1 Year	CEO, Waksman Selman pharmaceuticals private limited, Anantapur	300000.00
			Total Amount(Z): 489000.00

Cumulative Amount(X + Y + Z) = 2036950.00

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

Institute Marks : 5.00

5.7.4 Honorary Consultancy from Central/State/Local Government Organizations

S. No	Description	Year	Beneficiary
1	Acted as a centre for syllabus revision for JNTUA for B. Pharmacy curriculum	2017	JNTUA Anantapur
2.	COVID – 19 help line centre JNTUA supported by our faculty and students and IPA local branch Ananthapuramu	2020 – 21	JNTUA and Anantapur public
3	Govt of AP and JNTUA, JNTUK jointly organized GPAT online classes – four of our faculty members acted as honorary resource persons	2020	All B. Pharm students throughout INDIA available in YouTube
4	Consultancy to Banana waste management project submitted to Govt of AP by AIC – SK university, Anantapur (Dr. P. Ramalingam)	2020	Formers
5	Pharmacy Council of INDIA inspector (Dr. P. Ramalingam, Dr. J. Raveendra Reddy, and Dr. T. Padmanabha Reddy)	-	-
6	CPCSEA nominee – Dr. Y. Padmanabha Reddy and Dr. P. Ramalingam	Since 2018	-
7	Member BoS JNTUA - Dr. Y. Padmanabha Reddy and Dr. P. Ramalingam	2014-2018	-
8	Member IQAC cell Govt of AP - Dr. Y. Padmanabha Reddy and Mr. HariharaSudhan	Since 2020	-
9	Member PGE CET Govt of AP - Dr. Y. Padmanabha Reddy	Since 2020	-
10	Member autonomous body JNTUA - Dr. Y. Padmanabha Reddy	Since 2020	-
11	National skill development programme – Dr. M. Vijaya Jyothi	2016-17	-
12	MHRD – IIC Dr. M. Vijaya Jyothi and Dr. P. Ramalingam	Since 2020	-
13	Andhra Pradesh State Skill Development Corporation (APSSDC) – TOT	25 th Nov to 1 st Dec 2019 (7 days)	S.M.G. Ishrar A. Sudheer S. Sathish Kumar E. Bhargav

5.7.5 Development activities (5)

Institute Marks : 5.00

5.7.5 Development activities

1. Product Development

S. No	Name of Inventor	Title	File / Ref. No
1	Mr. S. Nagarjuna	Pharmaceutical compositions comprising Naringin Isolated from Mnesitheagranularis	Indian patents, 38/2017/CHE (FI03)22.09.2017
2	Mr.S. Nagarjuna & Dr. Y. Padmanabha Reddy	Pharmaceutical compositions comprising rutin isolated from Dactylocteniumaegyptium	Indian patents, 43/2017/CHE (FI03)/27.10.2017

3	Dr. S.P.Dhanabal, Dr. S. Jubie& Dr. M.V.N.L.Chaitanya	Isolation of 5-heptadeca-5, 8, 11-trienyl 1, 3, 4-oxadiazole-2thiol (gla-1) as a novel human topo-poison lead.	Indian patents, 01741010426 on 24/8/2017
4	Dr. S.P.Dhanabal, Dr. S. Jubie& Dr. M.V.N.L.Chaitanya	Isolation of SulphaQuinovosylDiacyl Glycerol (SI) (A Human Topopoison I), Using Flash Chromatography	Indian patents, 201741010450on 24/8/2017
5	Dr.K. Somasekhar Reddy, Dr. C. Haranath, Dr. B. Pradeepkumar	Dual retard inlay tablet with low bioavailable cardiovascular drugs	Indian Patent, 202041037164A. 11.09.2020 published
6	Dr. P. Ramalingam	Banana Waste management – Sanitizer, Floor cleaner etc.	Govt of AP by AIC – SK university, Anantapur

2. Research Laboratories

- After the introduction of Post graduate program (M. Pharm) in the year 2008, the research facilities are being continuously upgraded to meet the requirement of the standards of M. Pharm dissertation and PhD thesis work.
- From the year 2017, the research facilities are continuously improved under the recommendation of Research and Development (R&D) cell in coordination with the Internal Quality Assurance Cell (IQAC).
- The research division has defined the exclusive vision for research as “RIPER RESEARCH VISION 2025” and Five-Year research plan of the institution which has mapped with the institution vision.
- Accordingly, the institution has exclusive budget and research policies to promote the quality research among faculty and students (available in website - <https://riper.ac.in/rd-cell-constitution-policy/> (<https://riper.ac.in/rd-cell-constitution-policy/>)).
- In view of research credentials, our institution has been recognized as SIRO by DSIR, Govt. of India in 2018.
- The institution also recognized as research Centre (full time PhD admission) for pharmaceutical sciences by the JNT University Anantapur and Manipal Academy of Higher Education (MAHE) as appraisal to the existing facility suitable for conducting quality research.
- To date, there are 27 laboratories amongst 06 are exclusive research laboratories furnished with sophisticated instruments.
- These six laboratories are
 - 1) Sophisticated instrumental analytical facility (Room No.49),
 - 2) Molecular Modelling and drug discovery unit (Room No.45/C),
 - 3) Pilot formulation unit (Room No.9),
 - 4) CDSCO Approved Drug testing laboratory (Room No. 50),
 - 5) CPCSEA approved animal house attached pharmacological laboratory (Room No.28)and
 - 6) DST-FIST funded Laboratory (Room No.46).
- In 2017, the institute has been sanctioned DST-FIST grant under level 0, which enabled us to provide the facilities like Differential scanning calorimetry, Gel-doc system and Elisa reader etc.
- In the year 2017, with the help of AICTE-RPS we have upgraded the formulation facility with Lyophilizer, particle size analyzer and Zeta potential analyzer.
- In the year 2018, the analytical laboratory has been certified as CDSCO approved facility for drug testing where HPLC, GC, and other spectroscopic techniques suitable to test the drugs as per regulatory requirement with GLP and GMP specifications.
- The existing animal house facility has been approved by CPCSEA for conducting preclinical studies on animals (mice, rats, rabbit) which is monitored by CPCSEA approved Institutional Animal Ethical Committee (IAEC).
- In the year 2018, with the support of DST-SERB grant, we have established *in silico* molecular modelling unit where virtual screenings and molecular docking of natural and synthetic molecules on the protein/ receptor structure can be performed.
- Further in 2019-20, the pharmacological facilities have been upgraded with zebrafish facility, cell culture laboratories and with tissue imaging units.

3. Instructional materials

Printed Hard copy lab manuals: are prepared as per the syllabus with complete principles, procedures, it may help the students to understand easily.

Slide share PPTs online:Seminars by the PG students are uploaded in slide share

Institutional YouTube Channel videos

- Instruments handling and working procedures explained by the faculty
- The *in silico* molecular docking studies (Schrodinger) and ADMET prediction tool (Stardrop – Derek Nexus) working procedure along with analyzing of the results also included, it may help to the students while doing their project works.

Guest lectures Videos:The various guest lecture videos, faculty development programmes, conference proceedings, workshops, seminar videos of the different resource persons / experts on more recent advances in pharmacy are also available in the YouTube channel to review the content at any point of time by the students and also by the faculty.

4. Working Models / Charts / Monograms etc.

- SOPs: Each equipment / Instrument has its standard operating procedure (SOP), it helps the students to handle and how to operate.
- Monograms: Various monograms related to the discoveries in the field of pharmacy and medicine are kept in the campus corridors to enlighten the student's knowledge.
- Lab Charts: Different charts / Monograms are hanged in each laboratory relevant to their courses and research.
- Charts on Developmental activities: The research activity boards are also displayed at outside of the respective research labs funded by the various funding authorities like UGC, AICTE, DST etc.
- Display on Pharmacist Oath
- Museums on various dosage forms and herbal medicines
- Separate display board for departmental research publications.
- Quality policy and POs display for each department.
- Display on various equipments available in each department and the faculty members of the departments.
- Various quotations related to societal life displayed in the corridors.

5.8

Faculty Performance Appraisal and Development System (FPADS)

(20)

Total Marks 20.00

Institute Marks : 20.00

Performance based Self-Appraisal takes into account a 360 degree evaluation. There is a structured self appraisal form available with the institutions. It evaluates the teachers for 300 marks. The faculties are assessed annually by the Self-Appraisal method, and a robust Student Feedback System. The analysis is done based on the following parameters

- Academic Results of the subject handled
- Student feedback
- Co-curricular activities
- Number of seminars, conferences and QIPs attended
- Contribution to the college and community
- Books & papers Published and patents filed,
- Grants applied and received
- Special awards received
- Consultancy works done
- Skill upgradations
- Upgradation of Qualifications
- Achievements if any

Student feedback is however, given top priority and this is duly communicated at personal level by the Principal to the teacher.

Performance based increment system, additional increments based on performance and Performance based promotional policies are followed based on the appraisal system every year.

The "Best Teacher" award has also been instituted wherein a teacher receives a certificate and memento during the annual day function through eminent personality who serves as the chief guest at that day.

10% of the grant received as incentives for the research faculties. Rewards for publications and seed money for young researchers are also provided every year/timely basis depend on the case.

The college also encourages Faculty Self-Development through upgrading education by offering full support in terms of monetary and non monetary facilities. Faculty participation in continuing education programs, various national and international conferences registration and workshop participations are encouraged and supported through monetary as well as non-monetary benefits.

Non-teaching faculty appraisal system also followed separately.

IMPACT

1. Highly motivated faculty with increased competencies observed.
2. Skill upgradation of faculty members is evident
3. Patent/Publications increased considerable
4. Considerable increase in funded research projects/FDPs/STTPs/conferences
5. Individual growth as well as Institutional growth is evident (Interms of ranking and achievements)

5.9 Visiting/Adjunct Faculty (5)

Total Marks 5.00

Institute Marks : 5.00

Provision for visiting faculty is available.

- AICTE has allotted Adjunct Faculty from Industry (Dr.M.Kiran Kumar)
- The Institution Periodically invites alumni and faculty from reputed Institutions and research laboratories. They interact with outgoing students regularly.
- The past three years there are totally about six faculty development programs and more than 15 conferences organized where more than 80 resource persons visited the institution and delivered lectures.
- In addition there are five visiting faculties in the faculty attendance roll who deliver selected topics to the students.

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

Raghavendra Institute of Pharmaceutial Education and Research-Anantapur, was established in 2002. Since beginning, the institute has maintained high standards for infrastructure and whenever necessary, area was renovated to meet up current trends in educational facilities. A three floored (G+2) building consists of class rooms, tutorial rooms and all other required departmental laboratories with a built up area of 16,312 SQ.M.

The institute has:

- Facilities as per requirements for conducting lectures and tutorials from first to final year students are adequate.
- Class rooms have capacity to accommodate upto 60 students; they are well ventilated and equipped with DLP, and uninterrupted power supply
- Sufficient numbers of tutorial rooms (to accomidate 30 students) are available with all the necessary facilities to conduct remedial classes for students having backlogs as well
- A seminar hall and a Board room are available with a capacity of 280 and 30, Respectively to conduct seminars, guest lectures and workshops and staff meeting
- Teaching aids – green boards, DLP projectors with white screen, equipped with Wi-Fi facility and adequate number of tube lights, fans is available
- Sessional and semester exams are conducted in the New building of Examination section and classrooms.

The details of the classrooms along with the facilities available are provided in table below:

CLASS/ TUTORIAL				
Class/ Tutorial	Room No.	Capacity (per room)	Dimensions with area (Sq.M.)	Rooms equipped with facility
Lecture hall- 1	14	70	70.2	DLP with white screen, Green board, benches, Wi-Fi and LAN
Lecture hall-2	15	70	70.2	DLP with white screen, Green board, Podium, benches, Wi-Fi and LAN
Lecture hall-3	18	70	70.2	DLP with white screen, Green board, Podium, benches, Wi-Fi and LAN
Lecture hall-4	19	70	70.2	DLP with white screen, Green board, Podium, benches, Wi-Fi and LAN
Lecture hall-5	31	70	70.2	DLP with white screen, Green board, Podium, benches, Wi-Fi and LAN
Lecture hall-6	66	70	70.2	DLP with white screen, Green board, Podium, benches, Wi-Fi and LAN

Lecture hall-7	67	70	70.2	DLP with white screen, Green board, Podium, benches, Wi-Fi and LAN
Lecture hall-8	68	70	70.2	DLP with white screen, Green board, Podium, benches, Wi-Fi and LAN
Lecture hall-9	70	70	70.2	DLP with white screen, Green board, Podium, benches, Wi-Fi and LAN
Tutorial room	30	30	35.1	
Tutorial room	34	30	35.1	
Tutorial room	35	30	35.1	
Tutorial room	36	30	35.1	
Tutorial room	47	30	35.1	
Tutorial room	48	30	35.1	
Tutorial room	52	30	35.1	
Tutorial room	54	30	35.1	
Tutorial room	70-B	30	35.1	
Tutorial room	70-C	30	35.1	
Tutorial room	72-c	30	35.1	
Tutorial room		30	35.1	
Tutorial room		30	35.1	
Board room /Seminar Hall A/C	32	25	70.2	DLP with white screen, White board , chairs and WiFi
Conference hall/ Auditorium	22	200	135	DLP with white screen, White board , Podium, chairs and WiFi

6.2 Faculty rooms (10)

Total Marks 10.00

Institute Marks : 10.00

Availability of faculty rooms

- Adequate rooms and cabins are available to accommodate all faculty members.
- Head of the departments have been provided with computer and internet facility.
- The staff rooms and staff cabins are well furnished.
- The faculty rooms are available in adequate number, and each faculty is provided with one cabin each. The cabins are provided with necessary infrastructure.
- Students counselling is done in the faculty rooms.

The details of the faculty rooms along with the facilities available are given in the table below.

6.2 - STAFF			
Designation	Faculty rooms	Exclusive / Shared	Number for seating place in each room
Principal	1-A	Exclusive	10+1
Vice Principal	1-B	Exclusive	3+1
Academic Co-ordinator	3	Exclusive	10+1
R & D Director	45-A	Exclusive	3+1
HOD	10-A	Exclusive	3
HOD	9-A1	Exclusive	3
HOD	27-B	Exclusive	3
HOD	78-A	Exclusive	3
HOD	51-B	Exclusive	3
HOD	27-B	Exclusive	3
HOD	69-D	Exclusive	3
Skill Development Cell Co - Ordinator	43-A	Exclusive	3
Controller of Examination	NBE1	Exclusive	3
Associate Professor	69-E	Exclusive	3
Associate Professor	51-C	Shared	2
Associate Professor	57-A	Shared	2
Assistant Professor	16A	Exclusive	2

Assistant Professor	16B	Exclusive	2
Assistant Professor	16C	Exclusive	2
Physical Education Trainer	16D	Exclusive	2
Assistant Professor	43-B	Exclusive	2
Assistant Professor	43-C	Exclusive	2
Assistant Professor	25-C	Exclusive	2

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

Institution has well developed fully equipped laboratories and advanced research laboratories for pharmacy students.

There are 19 laboratories (UG) + 6 PG laboratories + 2 central facilities including DST-FIST and CDSCO approved drug testing laboratory.

The UG laboratories are as follows.

- Pharmaceutics Laboratory – I
- Anatomy Physiology Laboratory
- Pharmaceutics Laboratory - II
- Pharmaceutics Laboratory -III
- Dispensing & Formulation Laboratory
- Pharmacognosy Laboratory - I
- Pharmacognosy Laboratory - II
- Pharmacology Laboratory -II
- Pharmaceutical Chemistry Laboratory-I
- Pharmaceutical Chemistry Laboratory –II
- Phytochemistry Laboratory
- Clinical Microbiology
- Pharmaceutical Analysis Laboratory
- Medicinal chemistry Laboratory
- Biochemistry Laboratory
- Ph.Quality Assurance Laboratory
- Instrumentation Room
- Machine Room/Pilot plant

Note: Give a separate table for Instrument room and Machine room listing all the instruments/equipment present with their make and model, existence of SOPs and Log Books for individual equipment.

Lab Description	Batch size	Availability of manuals	Quality of instruments	Safety measures	Major lab facilities
Dispensing and Formulation Lab	30	Available	Working Condition	Fire extinguisher, first aid kit , exhaust , safety glasses ,gloves	Analytical balance, dispensing balance, suppository module, Ampule meant filling machine, clarity tester, percolator, tinctur press, electrical water bath, domestic Grinder.

Pharmaceutics Lab -III (10)	30	Available	Working Condition	fire extinguisher, first aid kit , exhaust , safety glasses ,gloves	Ball mill, cutter mil,l tablet punching machine, tablet punching machine II, Rotary tablet punching machine, coating pan, friability test apparatus, capsule filling machine, autoclave, friability test apparatus, disintegration test apparatus, hardness test apparatus, dissolution test apparatus, Tablet hardness tester Monsanto, dry bulb and wet bulb thermometer (psychrometer).
Anatomy and physiology Lab (23)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaust , safety glasses ,gloves	Compound microscope, spirometer
Pharmacology lab (27)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaust , safety glasses ,gloves	eddy hot plate , semi Auto analyser, digital physiography ,tissue homogenizer ,microcentrifuge ,centrifuge electro convulsometer, Rota rod apparatus ,swim test apparatus ,metabolic cage, analytical balance ,chemical weighing balance, recording drums ,student organ bath ,digital Cal m ,digital recording drum digital ,student organ bath ,photoactometre ,pole climbing apparatus, tail flick apparatus
Pharmachemistry Lab 1(40)	30				Hot air oven, melting point apparaturs, vaccume pump
Pharmachemistry Lab 2 (41)	30				Hot plate, magnetic stirrer, cyclomixer, electronic balance, refrigerator, vacuum pump, multiport heating mantle, digital melting point apparatus.
Phytomedicine phyto chemistry (42)	30				Digital hot air oven, microwave oven, magnetic stirrer, incubator, water bath shaker, electric water bath, rotary evaporator, cyclo mixer, multi mantel,
Pharmaceutics Research lab (53)	15	Available	Working condition	Fire extinguisher, first aid kit , exhaust , safety glasses ,gloves	dissolution test apparatus ,tablet disintegration tester, tablet friability tester, lab q ultra watermaker hot air oven, UV cabinet ,programmable environmental test chamber
Biotechnology lab (57)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaust , safety glasses ,gloves	laminare projection microscope, bod incubator ,incubator hot air oven cyclone min Colony counter
Pharmacognosy Research lab (58)	15	Available	Working condition	Fire extinguisher, first aid kit , exhaust , safety glasses ,gloves	Hot air oven, muffle furnace, autoclave
Pharmacognosy lab (59)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaust , safety glasses ,gloves	Microscopy weswox optic, electronic balance
Pharmaceutical analysis (61)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaust , safety glasses ,gloves	calorimeterry, TLC spreader,descending chromatography, kf-titrator

Quality assurance (62)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaust , safety glasses ,gloves	uv chamber, hot air oven, hot plate
Medicinal & Biochemistry (63,64)	30 & 30	Available	Working condition	Fire extinguisher, first aid kit , exhaust , safety glasses ,gloves	electronic balance, biochemistry centrifuge ,electrical water bath, calorimeter ,pH meter ,incubator ,Dessicator analytical balance
Pharmaceutics Lab -II (74)	30	Available	Working Condition	Fire extinguisher, first aid kit , exhaust , safety glasses ,gloves	Refractometer, incubator, rotary shaker
Pharmaceutics Lab -I (75)	30	Available	Working Condition	Fire extinguisher, first aid kit , exhaust , safety glasses ,gloves	Dissolution apparatus, disintegration apparatus,
Pharmaceutics Lab II (76)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaust , safety glasses ,gloves	centrifuges, laboratory centrifuge ,centrifuge, mechanical stability ,mechanical stirrer ,cyclomixer, magnetic stirrer ,digital water bath, hot air oven
Formulation Research lab (79)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaust , safety glasses ,gloves	dissolution Apparatus 1, dissolution Apparatus 2 ,diffusion cell apparatus,digital temperature ,controller ,digital ultrasonic, cleaner wvs series ,ultrasonic procedure ,high Precision balance ,high Precision balance ,probe sonicator ,viscometer ,spectrophotometer, digital pH metre, pH metre.

DST-Fist/ Sophisticated Instrumentation labs

SNO	INSTRUMENTATION NAME	MAKE	MODEL	SOP	Log Book
1	DOUBLE BEAM UV-SPECTROPHOTOMETER	SYSTRONICS		2202 Available	Available
2	POLORIMETER	WESWAX	OPTIC	Available	Available
3	UB – LABINDIA	BRUKER	UV 3000+	Available	Available
4	FT – IR WITH KBR PRES	BRUKER	ALPH	Available	Available
5	HPLC GRADIENT	AGLIENT	LC – 1200	Available	Available
6	HPLC ISOCRATIC	AGLIENT	LC – 1120	Available	Available
7	GAS CHROMATOGRAPHY	BRUKER	430GC	Available	Available
8	DIGITAL PH METER	SYSTRONIC		335 Available	Available
9	COALING INCUBATOR	REMI	CI – 65	Available	Available
10	NEPHROTURBIDITY METER	SYSTRONIC		132 Available	Available
11	MICROCENTRIFUGE	REMI	RM – 12 C	Available	Available

12	ULTRA SONICATOR	BIOTECHNICS	2.25 W.S	Available	Available
13	KF – TITRATOR	ANALAB	AQUACEL	Available	Available
14	DOUBLE DISTILLATION UNIT	TSGWBOROSM	5000 ML	Available	Available
15	SINE WAVE COMMERCIAL UPS	SUKAM	3.5 KV	Available	Available
16	STABILIZER	KRYKARD	10 KV	Available	Available
17	REFRIGIRATION 2	KELHINATOR, WHIRLPOAL	210VLTS DC21555	Available	Available
18	PHOTO LOURIMETER (2)	SYSTRONIC		152 Available	Available
19	FLAME PHOTOMETER	SYSTRONIC		128 Available	Available
20	DIGITAL COLORIMETER	SYSTRONIC		112 Available	Available
21	HPLC – PDA WATERS			Available	Available
22	DIGITAL ELECTORNIC BALANCES	CITIZEN	CTG 30213300	Available	Available
23	Mini centrifuge	Venchal scientific	7261312	Available	Available
24	Differential scanning calorimetry	Venchal scientific	412105	Available	Available
25	Flash Ic	Analogix intelliflash	11960	Available	Available
26	Hplc	Elico	Hp464	Available	Available
27	Nano partical analyser	Horiba	Sz-100-z	Available	Available
28	Parallelreaction station	Radleys tech	12 carousel	Available	Available
29	Rotary evaporator	aditya scientific	Re-2	Available	Available
30	Florescence microscope	Labomed	Lx-40	Available	Available
31	Gel electrophoresis	Major science	Mp-310	Available	Available
32	Electronic balance	Shimaz d4	Elb-300	Available	Available
33	Vaccum dryer	Cintex	Cic62	Available	Available
34	Elisa plate reader	Labserv	Labserv	Available	Available
35	Lyophilizer	Cintex	Cie75a	Available	Available
36	Rotary evaporator	Aditya scientific	Re-20	Available	Available
37	-40 c deep freezer	Venchal scientific	2462-270	Available	Available
38	Magnetic stirrer	Remi	2-mlh	Available	Available
39	Water bath	Kemi	Kwb210a	Available	Available
40	Trinocular microscope	Labomed	Czm-6	Available	Available
41	Micro plate shaker	Remi	Mps-1	Available	Available
42	Gel rocker	Bioworld	Li-20-598	Available	Available

Machine Room

Sl. No	Instrument Name	Make	Model.No	SOP	Log Book
1	I.R moisturizer balance	B.v.k tech	M-3a	Available	Available
2	Conductivity meter	Elico	Cm 180	Available	Available
3	Colorimeter	Elico	Cl157	Available	Available
4	Cooling centrifuge	Remi	C-24	Available	Available
5	All-purpose equipment	B.v.k tech orchid	Ap.01	Available	Available
6	Rapid mixer granulator	Shakthi	Gmp	Available	Available
7	Tablet punching machine	Rimek	2381602	Available	Available
8	Friability test apparatus	Electro lab	Ef-2	Available	Available
9	Disintegration test apparatus	Electro lab	Ed-2l	Available	Available
10	Tap density tester	Electro lab	Etd-1020	Available	Available

Availability of computing facilities exclusively for the programme

The institute has well equipped computer laboratory in terms of hardware and software facilities to use ICT (Information and communication technology) in pharmacy. The details of IT infrastructure are given as under:

Total number of Laptop and Computers available in working condition are 1+64 with CPU Specification details listed below:

Details of other IT Infrastructure

Our institution provides comprehensive IT facilities, ensuring High Network Security. Students and staff have access to all the learning resources, database etc. The institution has a structured LAN facility. Network is under the control of Unify Dream machine Pro, Distribution & Access. All the end users/workstations are connected through 10/100/1000 Ethernet port I.P address manually, proxy internet server. In order to access the internet from laptop, mobile devices, the institute provides campus wide seamless internet connectivity.

The institution has separate section for computer lab and English language communication. It has 120 computers with internet facility to conduct online examinations and practical classes.

The head of the departments are provided with computer for their use along with user ID and passwords so as to secure the information. In addition to this, all the sophisticated instruments are having computing facilities with the software installed in it so as to store the data and to access the data from the computer. The institution has computer room with internet facilities. Students can access web resources such as Wikipedia and dictionary from these computers. In addition, our institute has a DLP facility available for projecting power point presentations, videos etc. There is provision for uploading lecture notes, power point presentation, and videos on institution's YouTube channel <https://www.youtube.com/channel/UC-NypSggPFG5LsjHBMtsUIQ> (<https://www.youtube.com/channel/UC-NypSggPFG5LsjHBMtsUIQ>) which can be accessed by the student through the internet.

Lab Description	BatchSize	Availability of manuals	Quality of Instrument	Safety Measures	Remarks
Dispensing and Formulation Lab	30	Available	Working Condition	Fire extinguisher, first aid kit , exhaust	-
Pharmaceutics Lab -III (10)	30	Available	Working Condition	Fire extinguisher, first aid kit , exhaust	-
Anatomy and physiology Lab (23)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaust	-
Pharmacology lab (27)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaust	-
Pharmachemistry Lab 1(40)	30	Available	Working condition	Fuming hood, Fire extinguisher, first aid kit	-
Pharmachemistry Lab 2 (41)	30	Available	Working condition	Fuming hood, Fire extinguisher, first aid kit	-
Phytomedicine phyto chemistry (42)	30	Available	Working condition	Fuming hood, Fire extinguisher, first aid kit	-
Pharmaceutics Research lab (53)	15	Available	Working condition	Fire extinguisher, first aid kit , exhaust	-
Biotechnology lab (57)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaust	-
Pharmacognosy Research lab (58)	15	Available	Working condition	Fire extinguisher, first aid kit , exhaust	-

Pharmacognosy lab (59)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaus	-
Pharmaceutical analysis (61)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaus	-
Quality assurance (62)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaus	-
Medicinal & Biochemistry (63,64)	30 & 30	Available	Working condition	Fire extinguisher, first aid kit , exhaus	-
Pharmaceutics Lab -II (74)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaus	-
Pharmaceutics Lab -I (75)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaus	-
Pharmaceutics Lab II (76)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaus	-
Formulation Research lab (79)	30	Available	Working condition	Fire extinguisher, first aid kit , exhaus	-

6.4 Drug Museum (5)

Total Marks 5.00

Institute Marks : 5.00

A pharmaceutical drug museum consisting different pharmaceutical dosage forms.

The museum is figured with special attention to foreground the displayed products with extraordinary transparency and it is located in centre of the ground floor, visible to everyone.

A regular cleaning schedule is followed and the products are updated from time to time with latest formulations in the market. The museum is managed by two faculty members and two students from each year by coordination with housekeeping staff. Museum is composed of marketed and student's formulations which have been broadly classified as medicated, surgical and cosmetic formulations and it is for displaying of drugs from a variety of origins. The museum is also dedicated to the display of common laboratory equipments used in the field of pharmacy. The total area dedicated to these museums is approximately (23x4.5) 103.5 sq. ft.

The list of the product showcase in the drug museum is given in the below Table:

DRUG MUSEUM	
ALLOPATHIC SYSTEM	
Drugs acting on CVS	Antimicrobial drugs
Rosalind AM, Amlorget-5, Dashbeta-25, Sorbitrate, Amidine-AT, ketonex-A, Amlovas-5, Amlopres-at, Montair-1c, Cordarone, Telmiwell-AM, Telmiget, montif- I, Rosuvib-f, Metwise-am, amidine at, tenolol-50.	Hifen 50, Spectratil 100mg, Hifen drops, Pexoclav, Thermal 5, Cefspan, Loxy optimox, HP kit, Zeof, spectratil 50mg, imidil, lacnid, curam DT, cetapin XR, ride m2 forte, Gener forte, glucodol forte, blisto, jalra, triglycomet, Ride-m2, Ride-m, Amaryl m, Medimet-G1, glycomet-Gp1, Recliner od, glycomet, glix, triglucodol.
NSAIDS	Parenterals
Ecosprin, febrex, xeromol, hatric3, ark pain relief spray, Alex, acuvin, ultracet, crestor, rosuvvas, ultrazag, acemizplus, zerodal, nile, hifenac, tricare, rinofast.	Blood administration set, ampoules, vials, water for injection, feeding tube, blood collection sample tubes, IV scalp vein set, IV infusion set.

Surgicals	Dusting powders
Cotton bandage, antiseptic solutions, plaster, surgical blade, suture needle, forceps, scissor, gloves, skin staplers.	Ponds, abzorb, onecan.
Pastes	Gels
Dabur red, Pepsodent, Colgate.	Diclowin, No.Marks, ATM.A gel, cligelT.
Lotions	Syrups
Bioff, ornoff, bioscab, fexidine, ATM, peritop,	
Pyrostral, non metrogyl, soventus.Dc, Nimek. Para, Acixx, AMY, Vaseline.	Maxtna, febrexplus af, Pressclav, alaspam Aq.
Cosmetics	First aid kits
Himalaya, medimix, novale, clinicplus, dove, fair and lovely, spinz, Wild Stone, Denim black, Eva, Secret Temptation, nyle, pondsreamflower, cinthol deo classic, setwet, vasline, sunsilk, ponds triple, lotus, Nail polishes.	Cough tablets, cold tablets, cotton, cotton bandage, diarrhoea, stomachache, fever, migrane tablets, ors, saline, povidone iodine ointment, tincture, arthakind, hydrogenperoxide, cipladine, aceclophenac, ondansetron orally disintegration tablets, nimesulide and paracetamol tablets.
Anti viral Drugs	Miscellaneous
Nevirapinetablets, ritomune, lamivudine, tenofovir, disproxilfumerate, isoniazid tablets, ethambutol, carbamazepine tablets, atazor, lamivudine and zidovudine, arkaval, efavirenz tablets.	<ol style="list-style-type: none"> 1. Rx Cefixime Tablets IP [200] 2. Rx Ampicillin and Cloxacilline Capsules [10*10 capsules] 3. Rx Zenflux-plus Tablets [Cefixime 200mg+Ofloxacin 20 mg] 4. Rx Phenobarbitone Injection IP [10*1ml] 5. Rx Quinine Sulfate Tablets IP 6. Rx Acebrophydine Sustained Release Tablets [2 tablets] 7. Rx Levocetirizine Tablets IP 8. Rx Levocetirizine dihydrochloride and Montelukast Sodium Tablets[1*2P] 9. Rx Sustained Release Tablets of Etofylline and Theophylline 10. Rx Montelukast Sodium and mouth dissolving Tablets 11. Rx Enteric coated Rabeprazole Sodium and Itopride Hydrochloride Sustained Release Capsules 12. Rx Ipod Tablets 13. Rx Famotidine Tablets 14. Rx Silymarin and Lecithin soft gelatin Capsules 15. Rx Pralidoxime Iodide Injection [500mg]

16. Montelukast sodium mouth dissolving Tablets
17. Montelukast Sodium and Levocetirizine Hydrochloride Dispersible Tablets

AYURVEDIC SYSTEM

Lumbaton plus, Rumalaya farte(Himalaya), Ortho veda capsules, Spondylon soft gel capsules, Lumbaton soft gel capsules, Bonton bone health, Rhinagra capsules, Himalaya abana, Pigmento.

CRUDE DRUGS

Aloe vera, Anise, Arjuna bark, asafoetida, Ashoka, Ashwagandha, Bael fruit, benzoin, black catechu, black mustard, cardamom, casacara, black pepper, belladonna, caraway, cinchona cinnamon, colophony, coriander, colchicum, cumin, cocoa butter, datura, dill fruit, diascoria, digitalis, ephedra, fennel, gentian, ginger, goukru, ginseng, green pepper, guar gum, hyoscyamus, isapgol, indian squill, jatamansi, kaoline, kalamegh, kurchi, lemon, lemon grass, linseed, liquorice, lobelia, male fern, myrrh, mustard, myrobolan, neem, nutmeg, nuxvomica, nylon, pale catechu, pilocarpus, petrocarpus, pyrethrum, pyrarrava, quassia, rhubarb, rauwolfia, rayon, gentian, ginger, sarasparilla, shankapuspi, shatavari, storax, tea, tobacco, tulasi, turmeric, valerian, vasaka, vinca, lemon grass fea oil, clove oil, eucalyptus oil.

6.5 Medicinal Plant Garden (5)

Total Marks 5.00

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

(5)

Area: The area of the medicinal plant garden is 600 sq. m. in which various medicinal plants are maintained. (In addition to this, medicinal plants are also planted in campus area)

Demarcation: Medicinal garden is properly demarcated. Individual plants also demarcated along with name boards

Arrangement: Permanent

Adequacy of the plants: Adequate

Following table contains list of notable medicinal plants in the garden:

S. No.	Common Name	Scientific Name	No
1	Annona	<i>Annona reticulata</i>	1
2	Banana	<i>Musa paradisiaca</i>	1
3	Pomegranate	<i>Punica granatum</i>	1
4	Aloe	<i>Aloe barbadensis miller</i>	3
5	Thanikkaya	<i>Terminaliya bellirica</i>	1
6	Hibiscus	<i>Hibiscus rosasinensis</i>	1
7	Gaja nimma	<i>Citrus penivesculata</i>	1
8	Phyllanthus	<i>Phyllanthus neruri</i>	1
9	Rakta chandanam	<i>Pterocarpus santaninus</i>	1
10	Mango	<i>Mangifera indica</i>	2
11	Shanka pushpi	<i>Convolvulus phericaulis</i>	1

12	Shatavari	<i>Asparagus racemosus</i>	1
13	Onion	<i>Allium cepa</i>	1
14	Vasaka	<i>Justicia Adhatoda</i>	1
15	S araswati leaf	<i>Centella asiatica</i>	1
16	Kharjura	<i>Phoenix dactylifera</i>	1
17	Indian goose berry	<i>Phyllanthus emblica</i>	1
18	Bamboo	<i>Bambusa vulgaris</i>	3
19	Jatropa	<i>Jatropha curcas</i>	1
18	Black berry tree	<i>Rubus ursinus</i>	2
19	Nandivardhanam	<i>Tabernaemontana Divaricata</i>	1
20	Rauwolfia	<i>Rauwolfia serpentina</i>	4
30	Multivitamin plant	<i>Sauropus androgynus</i>	1
31	Drum stick	<i>Moringa oleifera</i>	5
32	China box	<i>Murraya paniculata</i>	1
33	Bitter almond	<i>Prunus dulcis</i>	1
34	Cinnamon	<i>Cinnamomum verum</i>	1
35	Clove	<i>Syzygium aromaticum</i>	1
36	Avalu	<i>Brassica nigra</i>	1
37	Lemon grass	<i>Cymbopogon citratus</i>	3
38	Bael	<i>Aegle marmelos</i>	1
39	Stevia	<i>Stevia rebaudiana</i>	1
40	Coccicina	<i>Coccicina cordifolia</i>	1
50	Jack fruit	<i>Artocarpus heterophyllus</i>	1
51	Insulin plant	<i>Costus igneus</i>	1
52	Neem	<i>Azardachta indica</i>	5
53	Turmeric	<i>Curcuma longa</i>	1
54	Betel nut	<i>Areca catechu</i>	2
55	Karpuravalli	<i>Coleus amboinicus</i>	1
56	Sandal wood	<i>Santalum album</i>	3
57	Coffee	<i>Coffea arabica</i>	1
58	Black pepper	<i>Piper nigrum</i>	1
59	Tulasi	<i>Ocimum tenuiflorum</i>	3

60	Rohitaka	<i>Aphanamixis polystachya</i>	1
61	Neredu	<i>Syzygium cumini</i>	1
62	Pineapple	<i>Ananas comosus</i>	1
63	Datura	<i>Datura inoxia</i>	2

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		
B.Ravi Kumar	Lab Technician	02/06/2016	BA	-	-	Analysis Lab
T.P.N.Muneendra	Lab Technician	01/06/2006	MSc (Chemistry)	D.Pharmacy	-	Inorganic Chemistry Lab
P.Nagendra Kumar	Lab Technician	01/01/2012	MA, B.ED	D.Pharmacy	Anesthesia technician	Pharmacology Lab
M.Ramana	Lab Technician	2/6/2008	Intermediate	-	-	Pharmaceutics Lab -Ug
Y.Ramachandra Reddy	Lab Technician	01/01/2010	BSc	-	-	Organic Chemistry Lab
M.Babaddin	Lab Technician	01/01/2012	B.Com	-	-	Microbiology Lab
G.Purushotam Reddy	Lab Technician	01/01/2012	B.Com	-	-	Microbiology Lab
K Padmavathi	Lab Technician	03/09/2019	Intermediate, TTC	-	-	Anatomy Lab
S.Mahaboob Basha	Lab Technician	7/1/2012	B.Sc	D.Pharmacy	-	Pharmaceutical analysis
G Mallikarjuna	Lab Technician	15/03/2019	B.Sc	-	-	Medicinal Chemistry
K. Mamatha	Lab Technician	02.06.2021	B.Com	-	-	Pharmaceutics Lab -Ug
R.Manasa	Lab Technician	12/4/2020	B.Sc	-	-	Pharmaceutics Lab -Ug

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

Institute Marks : 10.00

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

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 institute conducted various demonstrations and training sessions as follows:

Year	Date	Title
2018-19	08-03-2018	Demo and Hands on training on Lyophilizer
	08-03-2018	Demo and Hands on training on Rotary Evaporator
	09-03-2018	Demo and Hands on training on Zetasizer (Horiba)
	14-03-2018	Demo and Hands on training on Hot air oven
	18-04-2018	Demo and Hands on training on Lab Q Ultra, Lab water maker
	11-06-2018	Demo and Hands on training on Elisa plate reader
2019-20	10-09-2019	Demo and Hands on training on RMG
	29-06-2019	Mini Centrifuge
	21-08-2019	Differential Scanning Calorimeter
	27-05-2019	Parallel reaction station
	06-06-2019	Rotary evaporator
	29-06-2019	Florescence Microscope
	25-06-2019	Electronic Balance
	21-08-2019	Deep Freezer
2020-21	08-04-2021	Demo and Hands on training on Dissolution Testing apparatus
	08-04-2021	Demo and Hands on training on Disintegrator apparatus
	08-04-2021	Demo and Hands on training on Friability tester
	15-02-2021	Trinocular microscope
	15-02-2021	Microplate shaker
	15-02-2021	Gel rocker
	02-04-2021	Wee 32 PCR
	19-02-2021	Tissue flotation bath
19-02-2021	Semi automatic cryostat	

7 CONTINUOUS IMPROVEMENT (75)

Total Marks 71.87

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

Total Marks 15.00

Institute Marks : 15.00

Items	2016-17 (LYG)	2015-16 (LYGm1)	2014-15 (LYGm2)
Success Index (from 4.2.1)	0.50	0.43	0.34

7.2 Improvement in Placement and Higher Studies (15)

Total Marks 15.00

Institute Marks : 15.00

Items	2016-17 (LYG)	2015-16 (LYGm1)	2014-15 (LYGm2)
Placement Index (from 4.7)	0.84	0.77	0.85

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

Total Marks 6.87

Institute Marks : 6.87

Academic Performance	2016-17 (LYG)	2015-16 (LYGm1)	2014-15 (LYGm2)
Mean of CGPA or mean percentage of all successful students(X)	8.30	7.10	6.85
Total number of successful students(Y)	95.00	83.00	79.00
Total number of students appeared in the examination(Z)	95.00	103.00	82.00
API [$X*(Y/Z)$]:	8.30	5.72	6.60

Average API [$(AP1 + AP2 + AP3)/3$] : 6.87Academic Performance = Average API = [$(AP1 + AP2 + AP3)/3$] : 6.87**7.4 Improvement in the quality of students admitted to the program (15)**

Total Marks 15.00

Item		2019-20(CAYm1)	2018-19(CAYm2)	2017-18 (CAYm3)
National Level Entrance Examination not applicable	No of students admitted	0	0	0
	Opening Score/Rank	0	0	0
	Closing Score/Rank	0	0	0
State/ University/ Level Entrance Examination/ Others AP-EAMCET	No of students admitted	68	63	63
	Opening Score/Rank	10316	10589	5306
	Closing Score/Rank	46974	130725	129365
Name of the Entrance Examination for Lateral Entry or lateral entry details E-CET	No of students admitted	1	9	1
	Opening Score/Rank	89	23	42
	Closing Score/Rank	89	203	42
Average CBSE/Any other board result of admitted students(Physics, Chemistry&Maths)				

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

Total Marks 20.00

Institute Marks : 20.00

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

POs	Target Level	Attainment Level	Observations
PO 1 : Pharmacy Knowledge			
PO 1	2.10	2.25	<p>Observation-1 (Remedial Maths) In the subject of Remedial Maths, With reference to end assessment question paper, the questions from Trigonometry were from out of syllabus Most of the students were from Biology background.</p> <p>Action-1 "Accordingly, it was decided to implement based on problem /justification/derivations teaching for Trigonometry. It was decided to have sessions more for derivations of trigonometry. Students were given more practice on derivations of trigonometry. Extra classes were conducted for biology background students.</p> <p>Action-2</p>
PO 2 : Planning abilities			
PO 2	2.25	2.49	<p>Observation.1 (Pharmaceutical Organic Chemistry - I) With reference to end assessment question paper, the questions from Pharmaceutical Organic chemistry were based on reaction mechanisms, more analytical thinking was required.</p> <p>Action.1 Mechanisms writing requires more practice rather than reading. Application of concepts were asked in many questions.</p> <p>Action.2 It was decided to teach the students regarding numerical problems related to isotonicity/practising with solved and unsolved examples. The mode delivery of theories of electrolytes shall be changed to PPT or Video sessions for</p>
PO 3 : Problem Analysis			

PO 3	2.10	2.42	Observation-1 (Remedial Maths) In the subject of Remedial Maths, With reference to end assessment question paper, the questions from Trigonometry were from out of syllabus Most of the students were from Biology background.
Action-1 "Accordingly, it was decided to implement based on problem /justification/derivations teaching for Trigonometry. It was decided to have sessions more for derivations of trigonometry. Students were given more practice on derivations of trigonometry. Extra classes were conducted for biology background students. Action-2			

PO 4 : Modern tool usage

PO 4	2.10	2.29	Observation.1 (Pharmaceutical Inorganic Chemistry) With reference to end assessment question paper of Pharmaceutical Inorganic chemistry, Most of the questions were given on assays with reactions and formulae but students were prepared for
Action.1 Accordingly, it was decided to impart counselling & practice on complete syllabus &method of answering the questions Action.2 Mechanisms writing requires more practice rather than reading. Application of concepts were asked in many questions			

PO 5 : Leadership skills

PO 5	2.25	2.60	Observation.1 (Pharmaceutical Organic Chemistry - I) With reference to end assessment question paper, the questions from Pharmaceutical Organic chemistry were based on reaction mechanisms, more analytical thinking was required.
Action.1 Mechanisms writing requires more practice rather than reading. Application of concepts were asked in many questions Action-2 It was decided to teach the factors affecting, differentiation between equipment's and different techniques used atleast for 30 mins instead 10 minutes. So that student can perform detailed answers. Accordingly, it was decided to			

PO 6 : Professional identity

PO 6	2.10	2.37	Observation.1 (Pharmaceutical Organic Chemistry - I) With reference to end assessment question paper, the questions from Pharmaceutical Organic chemistry were based on reaction mechanisms, more analytical thinking was required.
Action.1 Mechanisms writing requires more practice rather than reading. Application of concepts were asked in many questions Action-2 Accordingly, it was decided to implement conduct doubt session classes to check the difficult questions probability from each unit.			

PO 7 : Pharmaceutical Ethics

PO 7	2.25	2.58	Observation.1 (Pharmaceutical Organic Chemistry - I) With reference to end assessment question paper, the questions from Pharmaceutical Organic chemistry were based on reaction mechanisms, more analytical thinking was required.
Action.1 Mechanisms writing requires more practice rather than reading. Application of concepts were asked in many questions Action-2 Accordingly, it was decided to implement conduct doubt session classes to check the difficult questions probability from each unit.			

PO 8 : Communication

PO 8	2.25	2.55	Observation.1 (Pharmaceutical Inorganic Chemistry) With reference to end assessment question paper of Pharmaceutical Inorganic chemistry, Most of the questions were given on assays with reactions and formulae but students were prepared for
Action.1 Accordingly, it was decided to impart counselling & practice on complete syllabus &method of answering the questions Action.2 Accordingly, it was decided to implement the class tests and assignments to improve their performance skills and presentation skills. It was decided to supply the materials, So that student can perform detailed answers. It was			

PO 9 : The pharmacist and society

PO 9	2.10	2.28	Observation.1 (Pharmaceutical Inorganic Chemistry) With reference to end assessment question paper of Pharmaceutical Inorganic chemistry, Most of the questions were given on assays with reactions and formulae but students were prepared for
Action.1 Accordingly, it was decided to impart counselling & practice on complete syllabus &method of answering the questions Action-2 Accordingly, it was decided to implement conduct doubt session classes to check the difficult questions probability from each unit.			

PO 10 : Environment and Sustainability

PO 10	2.25	2.47	Observation.1 (Pharmaceutical Inorganic Chemistry) With reference to end assessment question paper of Pharmaceutical Inorganic chemistry, Most of the questions were given on assays with reactions and formulae but students were prepared for
Action.1 Accordingly, it was decided to impart counselling & practice on complete syllabus &method of answering the questions Action.2 Mechanisms writing requires more practice rather than reading. Application of concepts were asked in many questions			

PO 11 : Life-long Learning

PO 11	2.10	2.29	Observation.1 (Pharmaceutical Inorganic Chemistry) With reference to end assessment question paper of Pharmaceutical Inorganic chemistry, Most of the questions were given on assays with reactions and formulae but students were prepared for
Action.1 Accordingly, it was decided to impart counselling & practice on complete syllabus &method of answering the questions Action.2 Mechanisms writing requires more practice rather than reading. Application of concepts were asked in many questions			

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

POs	Target Level	Attainment Level	Observations
PO 1 : Pharmacy Knowledge			

PO 1	2.1	1.96	Observation .1 (Remedial Mathematics) With reference to end assessment question paper, the questions from Trigonometry were from out of syllabus. Most of the students were from Biology background.
Action Plan .1 Accordingly, it was decided to implement based on problem /justification/derivations teaching for Trigonometry. It was decided to have sessions more for derivations of trigonometry. Students were given more practice on derivations of trigonometry. Extra classes were conducted for biology background students.			
PO 2 : Planning abilities			
PO 2	2.1	2.19	Observation .1 (Pharmaceutical Organic Chemistry – I) With reference to end assessment question paper, the questions from named reactions with mechanism of reaction were more focused. The students said that named reactions mechanism of
Action Plan .1 Accordingly, it was decided to implement class tests for minimum of 15 to 30 minutes in the lab time and also in the tutorial hours by that the student can perform well in the end examination. Giving assignments on named reactions with mechanism and applications in drug synthesis. Action Plan .2			
PO 3 : Problem Analysis			
PO 3	2.1	2.01	Observation .1 (Remedial Mathematics) With reference to end assessment question paper, the questions from Trigonometry were from out of syllabus. Most of the students were from Biology background.
Action Plan .1 Accordingly, it was decided to implement based on problem /justification/derivations teaching for Trigonometry. It was decided to have sessions more for derivations of trigonometry. Students were given more practice on derivations of trigonometry. Extra classes were conducted for biology background students.			
PO 4 : Modern tool usage			
PO 4	2.1	2.07	Observation .1 (Pharmaceutical Organic Chemistry – I) With reference to end assessment question paper, the questions from named reactions with mechanism of reaction were more focused. The students said that named reactions mechanism of
Action Plan .1 Accordingly, it was decided to implement class tests for minimum of 15 to 30 minutes in the lab time and also in the tutorial hours by that the student can perform well in the end examination. Giving assignments on named reactions with mechanism and applications in drug synthesis. Action Plan .2			
PO 5 : Leadership skills			
PO 5	2.1	2.51	Observation .1 (Remedial Biology) Students from maths background felt difficult to understand the biological concepts.Lack of simplified method of teaching.
Action Plan .1 Decided to use modern ICT tools for better understanding. Revise and ensure the preparation level. Action Plan .2 Accordingly, it was decided to implement class tests for minimum of 15 to 30 minutes in the lab time and also in the tutorial hours by that the student can perform well in the end examination. Giving assignments on named			

PO 6 : Professional identity			
PO 6	2.1	1.93	Observation .1 (Pharmaceutical Organic Chemistry – I) With reference to end assessment question paper, the questions from named reactions with mechanism of reaction were more focused. The students said that named reactions mechanism of
Action Plan .1 Accordingly, it was decided to implement class tests for minimum of 15 to 30 minutes in the lab time and also in the tutorial hours by that the student can perform well in the end examination. Giving assignments on named reactions with mechanism and applications in drug synthesis. Action Plan .2			
PO 7 : Pharmaceutical Ethics			
PO 7	2.1	2.4	Observation .1 (Pharmaceutical Organic Chemistry – I) With reference to end assessment question paper, the questions from named reactions with mechanism of reaction were more focused. The students said that named reactions mechanism of
Action Plan .1 Accordingly, it was decided to implement class tests for minimum of 15 to 30 minutes in the lab time and also in the tutorial hours by that the student can perform well in the end examination. Giving assignments on named reactions with mechanism and applications in drug synthesis. Action Plan .2			
PO 8 : Communication			
PO 8	2.1	2.28	Observation .1 (Remedial Biology) Students from maths background felt difficult to understand the biological concepts.Lack of simplified method of teaching.
Action Plan .1 Decided to use modern ICT tools for better understanding. Revise and ensure the preparation level. Action Plan .2 It was decided to teach the structure of organs/systems through ppts, videos			
PO 9 : The pharmacist and society			
PO 9	2.1	1.86	Observation .1 (Pharmaceutical Inorganic Chemistry) With reference to end assessment question paper, the students said that they felt difficulty and confusion in the volumetric analysis and assay methods of the compounds.
Action Plan .1 Accordingly, it was decided to conduct tutorial classes on volumetric analysis and also class tests for minimum of 15 to 30 minutes in the lab time by that the student can perform well in the end examination. Giving of assignments and instructing to collect the information from standard books and also Indian Pharmacopoeia. Action Plan .2			
PO 10 : Environment and Sustainability			
PO 10	2.1	2.21	Observation .1 (Pharmaceutical Organic Chemistry – I) With reference to end assessment question paper, the questions from named reactions with mechanism of reaction were more focused. The students said that named reactions mechanism of

Action Plan .1
Accordingly, it was decided to implement class tests for minimum of 15 to 30 minutes in the lab time and also in the tutorial hours by that the student can perform well in the end examination. Giving assignments on named reactions with mechanism and applications in drug synthesis.
Action Plan .2

PO 11 : Life-long Learning

PO 11	2.1	2.0	Observation .1 (Remedial Mathematics) With reference to end assessment question paper, the questions from Trigonometry were from out of syllabus. Most of the students were from Biology background.
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Action Plan .1
Accordingly, it was decided to implement based on problem /justification/derivations teaching for Trigonometry. It was decided to have sessions more for derivations of trigonometry. Students were given more practice on derivations of trigonometry.
Extra classes were conducted for biology background students.

POs Attainment Levels and Actions for Improvement- (2017-18)

POs	Target Level	Attainment Level	Observations
PO 1 : Pharmacy Knowledge			
PO 1	2	2.28	Observation .1 (Remedial Mathematics) With reference to end assessment question paper, the questions from Trigonometry were from out of syllabus Most of the students were from Biology background.
Action Plan .1 Accordingly, it was decided to implement based on problem /justification/derivations teaching for Trigonometry. It was decided to have sessions more for derivations of trigonometry. Students were given more practice on derivations of trigonometry Extra classes were conducted for biology background students.			
PO 2 : Planning abilities			
PO 2	2	2.32	Observation .1 (Remedial Mathematics) With reference to end assessment question paper, the questions from Trigonometry were from out of syllabus Most of the students were from Biology background.
Action Plan .1 Accordingly, it was decided to implement based on problem /justification/derivations teaching for Trigonometry. It was decided to have sessions more for derivations of trigonometry. Students were given more practice on derivations of trigonometry Extra classes were conducted for biology background students.			
PO 3 : Problem Analysis			
PO 3	2	2.28	Observation .1 (Remedial Mathematics) With reference to end assessment question paper, the questions from Trigonometry were from out of syllabus Most of the students were from Biology background.

Action Plan .1
Accordingly, it was decided to implement based on problem /justification/derivations teaching for Trigonometry. It was decided to have sessions more for derivations of trigonometry. Students were given more practice on derivations of trigonometry
Extra classes were conducted for biology background students.

PO 4 : Modern tool usage

PO 4	2	2.8	Observation .1 (Remedial Biology) Students felt questions were tougher. Long answer questions were not understandable. Observation .2 (Pharmaceutical Inorganic Chemistry)
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Action Plan .1
Revise and practice well. Simplified way of teaching. Provide notes to difficult topics
Action Plan .2
Accordingly, it was decided to instruct complete content of volumetric analysis during the experiments at laboratory time and also in tutorial hours. It was decided to keep class tests regularly on Identification tests, assays, and

PO 5 : Leadership skills

PO 5	2	2.59	Observation .1 (Remedial Biology) Students felt questions were tougher. Long answer questions were not understandable. Observation .2 (Pharmaceutical Technology – I)
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Action Plan .1
Revise and practice well. Simplified way of teaching. Provide notes to difficult topics
Action Plan .2
Accordingly, it was decided to implement application based assignment and viva in laboratory. It was decided to teach the applications of excipients in different dosage forms. So that student can perform detailed answers to

PO 6 : Professional identity

PO 6	2	2.35	Observation .1 (Remedial Biology) Students felt questions were tougher. Long answer questions were not understandable. Observation .2 (Pharmaceutical Inorganic Chemistry)
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Action Plan .1
Revise and practice well. Simplified way of teaching. Provide notes to difficult topics
Action Plan .2
Accordingly, it was decided to instruct complete content of volumetric analysis during the experiments at laboratory time and also in tutorial hours. It was decided to keep class tests regularly on Identification tests, assays, and

PO 7 : Pharmaceutical Ethics

PO 7	2	2.49	Observation .1 (Remedial Biology) Students felt questions were tougher. Long answer questions were not understandable. Observation .2 (Pharmaceutical Inorganic Chemistry)
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Action Plan .1
Revise and practice well. Simplified way of teaching. Provide notes to difficult topics
Action Plan .2
Accordingly, it was decided to instruct complete content of volumetric analysis during the experiments at laboratory time and also in tutorial hours. It was decided to keep class tests regularly on Identification tests, assays, and

PO 8 : Communication

PO 8	2	2.43	<p>Observation .1 (Remedial Mathematics) With reference to end assessment question paper, the questions from Trigonometry were from out of syllabus Most of the students were from Biology background.</p>
<p>Action Plan .1 Accordingly, it was decided to implement based on problem /justification/derivations teaching for Trigonometry. It was decided to have sessions more for derivations of trigonometry. Students were given more practice on derivations of trigonometry Extra classes were conducted for biology background students.</p>			
PO 9 : The pharmacist and society			
PO 9	2	2.2	<p>Observation .1 (Remedial Biology) Students felt questions were tougher. Long answer questions were not understandable. Observation .2 (Pharmaceutical Inorganic Chemistry)</p>
<p>Action Plan .1 Revise and practice well. Simplified way of teaching. Provide notes to difficult topics Action Plan .2 Accordingly, it was decided to instruct complete content of volumetric analysis during the experiments at laboratory time and also in tutorial hours. It was decided to keep class tests regularly on Identification tests, assays, and</p>			
PO 10 : Environment and Sustainability			
PO 10	2	2.7	<p>Observation .1(Pharmaceutical Analysis - I) With reference to end assessment question paper, the questions from electrochemical methods were based on problem /application/interpretation/Short answer was asked as long answer/out of</p>
<p>Action Plan .1 Accordingly, it was decided to implement based on problem /application/interpretation teaching for Spectroscopy methods and problem-based assignment and viva in laboratory. It was decided to teach the in aspects of questioning and also with some extra classes the topic/concept has been taught more depth however which may be use full for GPAT. Action Plan .2</p>			
PO 11 : Life-long Learning			
PO 11	2	2.23	<p>Observation .1 (Pharmaceutical Inorganic Chemistry) With reference to end assessment question paper, from volumetric analysis short answer was asked as long answer and in syllabus mentioned introduction to volumetric analysis and questions</p>
<p>Action Plan .1 Accordingly, it was decided to instruct complete content of volumetric analysis during the experiments at laboratory time and also in tutorial hours. It was decided to keep class tests regularly on Identification tests, assays, and limit tests along with experiments in the laboratory. Action Plan .2</p>			

8 STUDENT SUPPORT SYSTEMS (50)

Total Marks 50.00

8.1 Mentoring system to help at individual levels (5)

Total Marks 5.00

Academic mentorship

The learning levels of each student, is assessed and identified by the institution through the performance in their qualifying examinations, competitive entrance examinations, and the performance in the initial stage during orientation programmes, set has a benchmark of performance. The advanced learners and slow learners of a course are identified through the examination results at various levels and stages, their performances in the extra - curricular and co - curricular activities throughout the programs.

The pedagogue of institution develops significant strategies and scientific implementations in education process to benefit both the advanced learners and slow learners without forgetting the average performers; and articulates the effectiveness to the vital facilitation and prop up to the advanced learners to be excellent achievers and slow learners to be better performing and achieving students in the academic and personal life through a high-impact student mentorship program (SMP).

Student Mentorship Program is conducted periodically. Under this the each mentor (faculty) is allotted with 15-18 students depend on the strength of the sections. The mentor monitors and guides students throughout the session. The students are assessed by the mentor in the following aspects.

- Regular attendance
- Mid exam performance
- Extra and Co-curricular performance
- Personal, Family, economical and social Background
- Inner values of the student through one to one interaction
- Campus life of the students
- Discrepancies and Difficulties they face in the campus
- Career aspects

After assessing the above aspects of the each mentee, the mentor serves as friendly guide to motivate and guide to improvise their campus performances to achieve their goals. And also mentor resolves the difficulties, if he/she faces in the campus, in order to facilitate hurdle less campus life.

The overall aim of the mentorship programs is to facilitate and ensure hurdle less good campus life to each of the student.

Career Guidance

GPAT Cell (<https://riper.ac.in/riper-gpat-cell/> (<https://riper.ac.in/riper-gpat-cell/>))

The Training and Placement committee and GPAT cell exclusively work together to ensure that the students are aptly end up in their scopes at the end of their campus life.

GPAT cell train and guide the students to succeed in the competitive exams like PGECET/GPAT/NIPER - JEE/etc.

Training and Placement Committee (<https://riper.ac.in/placement-cell/> (<https://riper.ac.in/placement-cell/>))

Training and Placement committee focus on employability aspects of the students. It prepares the students to face the employability competencies by way of arranging Industrial visits/training and mock interviews.

Interact with various industries, employers as well as alumni of our institute to arrange interaction/guest lectures about the industry updates and trends.

The committee not only arranges on campus interviews, but also communicates about off campus interviews to the students and ensures them to participate to get placed before their course of completion.

Other Committees

Apart from the above other committees also established and functioning to guide the specific category of students. They are as follows,

Women Empowerment cell - To guide and serve the need of women candidates of the institute to improvise their campus life.

OBC Cell, SC/ST cell, and Minority Committee- To guide and provide mentorship to the respective category of students.

MHRD-IIC - Provide guidance in the area of Entrepreneurship to the students.

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

Total Marks 10.00

Institute Marks : 10.00

STUDENT FEEDBACK FORM

Year & Semester		Branch: Pharmacy			Date:	
S. No	Parameter	Subjects				
1	Teacher comes to class in time					
2	Teacher speaks clearly and audibly					
3	Teacher plan lesson with clear objective					
4	Teacher has got command on the subject					
5	Teacher writes and draws legibly					
6	Teacher asks questions to promote interaction and effective thinking					
7	Teacher encourages and compliments the originality and creativity displayed by the student					
8	Teacher is impartial in dealing with the students					
9	Teacher covered the syllabus					
10	Teachers evaluation of answer scripts of mid-sem. Examinations and lab records is fair and impartial					
11	Teacher offers assistance and counseling to the needy student					
12	Teacher imparts the practical knowledge					

12	in the subject concerned					
13	Teacher is more humane and approachable.					
14	Teacher makes the students think for themselves forever					

Subject					
Faculty					

Note:

1. Students has to give their feedback against each parameter by indicating following suitable letter (**E-Excellent, V-Very Good, G-Good, F-Fair and P- Poor**).
2. Specify your general comments and remarks (if any) in the back page.

Specific Remarks:

The above is the blank feedback form collected from the eligible students at the end of the each semester or year. The program head collects feedback about the method of delivery and coverage of syllabus content along with teaching level of the each course instructors at the end of semester exams/yearly exams. Class in-charges distribute the feedback form to the eligible students (Based on attendance - 80% of attendance is compulsory to fill the feedback form) and ask them to fill and collect. Every time the students are encouraged to express their views about the delivery of each course freely during collection of feedback

The collected feedback is then analyzed by program heads/Academic Director. The rating for the parameters on each course in-charges are compiled separately and communicated to the respective faculty. The faculties are requested to express their view or plan of action for the future course of delivery. This make the faculty to understand their strength and weakness as well as provide opportunities to mold themselves for the future course of action.

Apart from this the Program head/Academic Director/Principal discusses with the respective faculty and guide them to improve or take corrective measures to tune them toward academic excellence. They collect the action plan or corrective action plan from the respective faculty as the case may be and if required.

- This feedback system inturn make the faculty members to understand their strenth and weaknesses and improvise accordingly further.
- The students opinion about the teaching of a course instructor, tune the teachers to cope with the academic expectations.

The students are informed about the mechanism and system of academic grievance redressal during the semester of study. Accordingly they can go through the channel which starts from Program co-ordinator followed by Academic director and Principal to resolve their individual hurdles with instructor or any others. As this type of academic grievance redressals are more delicate, the decision and corrective measures are taken with caution and dealt at appropriate levels immediately or after observations depend upon the case.

Every year during annual day celebration, we announces and award best teacher of the year based on the feedback as well as other parameters.

8.3 Feedback on facilities (5)

Total Marks 5.00

Institute Marks : 5.00

Feed back about the facilities collected from the following stakeholders periodically/now and then depend on the case.

- Outgoing Students (Graduating students)
- Alumni
- Parents
- Employers
- Faculty

The collected feedback are compiled, analyzed, correction made/ action taken and implemented to ensure attaining stakeholders' credible and reach a win-win situation at any point of time.

8.4 Self Learning (5)

Total Marks 5.00

Institute Marks : 5.00

Institute developed self-learning facilities and materials for learning beyond syllabus and also made available for all the students of the Institute. List of self learning facilities available at the institute are as follows.

- Science and Applied science related journals
- Books for MCQs, GRE, TOEFL examinations and other related exams,
- White boards in the corridor for providing GPAT updates & Recent trends in drug use as Pharma News
- Exclusive display boards for Scholarly Publications
- Seminars/conferences/FDPs/STTP/workshops
- Guest lecturers from Industries
- Computer lab with 120 systems.
- MHRD-IIC activities
- Video CD collections,
- E-content development facilities.
- online contents (5) Raghavendra Inst. of Pharm Edu and Research, RIPER - YouTube (<https://www.youtube.com/channel/UC-NypSggPFG5LsjHBMtsUIQ/videos>)
- Wifi facilities throughout campus.
- E-content subscriptions. (e-journals, e-books, databases, remote access to e-resources)
- Library with sufficient number of titles on core and applied areas.
- Collection of previous year's project report/thesis for reference by the students.

8.5 Career Guidance, Training, Placement (10)

Total Marks 10.00

Institute Marks : 10.00

Career Guidance, Training and Placements.**FACILITY:**

The Institution has a Training and Placement Committee under the supervision of Training and Placement officer (Dr. K. Somasekhar Reddy) and Placement coordinator (Mr. E. Bhargav).

The objectives of the committee are as follows

- Regular guidance and mentoring to the students about their career.
- Organizing career guidance lectures and seminars to help and inspire the students to select the right career.
- Arranges industrial visits to the students to update their knowledge on current aspects of industry.

- Interact with industry to arrange industrial project work to the students.
- Arranges Campus Interviews
- Inform and make the students to participate in Interviews conducted outside the campus.
- Interact with alumni members for the betterments, related to the above aspects.

FACILITY MANAGEMENT

The students are enlightened by providing the lectures on enhancement of oral skills, writing skills, group discussion and presentation skills to face an interview.

The cell interact with alumni regularly to make the interaction of students with alumni members to get the guidance on various job opportunities and to sensitize the students regarding their career in the pharmaceutical industry.

The cell registered with AICTE – Internshala to provide the various internships to the students across the country.

The students are also counselled for taking up higher studies in India as well as abroad.

EFFECTIVENESS:

Increased the number of students placed in various multinational companies through on campus/off campus Interviews. Placement details are available with the committee and also made available in the Institute website. Placement Cell - Ripper (<https://riper.ac.in/placement-cell/>)

GPAT-Cell

GPAT-Cell of RIPER (Headed by Dr.C.Haranath) organizes lectures and prepare the students to qualify in competitive exams like PGECET, GPAT, NIPER and others related to higher studies in Pharmacy.

It also coordinates with training and placement committee of RIPER to ensure the career growth of outgoing students.

These measures have proven to be effective as evident that increased the number of students opting for higher studies by qualifying in various central/state level competitive examinations. RIPER-GPAT Cell - Ripper (<https://riper.ac.in/riper-gpat-cell/>)

Various lectures, programs arranged for career and higher studies counseling, campus Placement support etc.

Program	Year	Number of students attended	Name of the agencies involved with contact details
Career and Higher studies counselling	2017 -2018	77	RIPER –GPAT Cell
	2018 - 2019	115	RIPER –GPAT Cell and APSSDC, Andhrapradesh, India
	2019 - 2020	101	RIPER –GPAT Cell and APSSDC, Andhrapradesh, India

8.6 Entrepreneurship Cell (5)

Total Marks 5.00

Institute Marks : 5.00

MHRD-Institution Innovation Cell (MHRD-IIC)

As per the initiative of Government of India and directives of the Ministry of Human Resource Development, MHRD's Innovation Cell (MIC) to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs) and to promote the innovation and entrepreneurial skills among the students, the Institute established Institution's Innovation Council (IIC). The first council meeting of Institution's Innovation Council (IIC), Raghavendra Institute of Pharmaceutical Education and Research (RIPER) was called by IIC President Dr M. VijayaJyothi to discuss upon the formulation and function of IIC & shared roles and responsibility among newly appointed council members as

per the guidelines of MHRD's Innovation cell.

Members of MHRD-IIC-RIPER

S. No.	Name of Member	Key Role/ Position assigned in IIC	Member Type
1.	Dr. M.V. Jyothi	President	Faculty
2.	Dr. P. Ramalingam	Vice President, IPR Activity Coordinator	Faculty
3.	Dr. Vinod Kumar Nelson	NIRF Coordinator	Faculty
4.	Mr. A. Sudheer	Convener, Member	Faculty
5.	Dr.Sathish Kumar Sure	Social Media Coordinator, Member	Faculty
6.	Dr. B. Sahithi	Start up Activity Coordinator	Faculty
7.	Mrs. Y. Sravani	Internship Activity Coordinator,	Faculty
8.	Mrs. SushmaRatna	Member	Faculty
9.	Dr. M.S. Shiva Kiran	Incubation Manager	External Expert

Activities of MHRD-IIC-RIPER

The IIC, RIPER aims to inculcate a culture of innovation and develop entrepreneurial spirits among the students to make them self reliable. It not only conducts various programs and competitions related to entrepreneurship but also make the students to participate in such programs and competitions conducted in outside of the college also. The committee also arranges inspirational talks from successful entrepreneurs of the society.

Programs organized in 2017-2018

S.no.	Programme title/Event name
1	Novel strategies in Multi and Extended drug resistant tuberculosis targeted drug discovery and development
2	Clinical Mapping in Pharmacovigilance for betterment of Patients Health
3	Current aspects and future perspectives in standardization of Herbal medicines
4	Drug Resistance New threats and Global Challenges

Participation of student in events (Outside the campus)

S.no.	Programme theme	Name of the event	No. of Students
1	Innovation	Indian Pharmaceutical congress Association	10

Programs organized in 2018-2019

S.no	Programme Title/Event Name
1	Workshop on IPR for Students and Faculty Members
2	Off line workshop on IPR for Students and Faculty Members
3	Idea Competition
4	Workshop on Cognitive Skills, Design Thinking and Critical Thinking using local resource persons

Participation of student in events (Outside the campus)

S.no.	Programme theme	Name of the event	No. of Students
1	Entrepreneurship/ start up	Natinal level 3 days work shop on start up and Entrepreneurship	1
2.	Entrepreneurship/ start up	Gain for Entrepreneurs	11
3.	Entrepreneurship/ start up	FDP towards start upEntrepreneurship	1
4.	Entrepreneurship/ start up	Boot camp on agri start ups	1

Programs organized in 2019-2020

S.No	Programme Title/Event Name
1	Innovation Day
2	Entrepreneurship Awareness Camp
3	Visit to Atal Incubation Center
4	Design Thinking and Innovation
5	Ideathon: Innovation challenge against COVID-19
6	Entrepreneurship and start up

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

Total Marks 10.00

Institute Marks : 10.00

Co-curricular activities

- Institute organizes various Workshops, Seminars, conferences, Expert Lectures, Industrial Visits, Group Discussion, Personal Interview (Through training and placement committee), Social Activities (Through NSS), Entrepreneurship activities (MHRD-IIC) and Research/review presentation (through journal club) as part of co-curricular activities to facilitate the wider expansion of student capabilities in the related profession.
- NSS activities and Pharmacy week celebrations (Through IPA) includes various co-curricular which inculcate social values and make them more socially responsible during their course of study itself.
- Institution encourages the students to participate in such events at regional, state and national level also.

The RIPER institute has separate Sports Committee that encourages the students to participate in intra and inter college sports. The committee organizes various sports competitions annually like cricket, volley ball, hockey, tennis, shuttle and others.

Sports: - Regarding the maintenance of sports equipment and conduct of sports activities the college deputed a qualified sports in charge (Physical Director). He looks after the sports activities regularly.

Institute conducts inter Program tournaments, annual sport week celebrations regularly. Institution offers Ample facilities to conduct yoga and meditation related activities to create a sense of mindfulness.

Award/Medal won by the students at University/State/national/International levels in sports are shown in the table.

Year	Name of the award/ medal	Team / Individual	Inter-university / state / National/ International	Name of the event	Name of the student

2015-2016	SOFT BALL MEN SOUTH ZONE	Team	South Zone	All India Inter university soft ball tournament	P Chiranjeevi
2016 - 2017	CRICKET	Team	South Zone	All India Inter university cricket tournament	G Neelima
2017 - 2018	JNTUA KHO KHO MEN	Team	South Zone	All India Inter university kho kho tournament	C Chitrsekhar
2018 - 2019	MERIT	Individual	National	NSS WEST ZONE PRE REPUBLIC DAY PARADE CAMP	V Rajasekhar Reddy
	MERIT	Team	South Zone	All India Inter university Cricket tournament	V Rajasekhar Reddy
	MERIT	Team	South Zone	All India Inter university soft ball tournament	K Sainath Gandhi
2019-2020	III POSITION	Individual	State level	ANDHRAPRADESH STATE LEVEL NSS YOUTH FESTIVAL 2020	Debaraj Roy

Extra Curricular activities

CULTURAL COMMITTEE

Cultural committee conducts and looks after the extracurricular activities of the students and bring out their inner talent with following moto.

“Life at RIPER is vivid and more memorable in terms of education and research practices together with the exploration of unlimited joy. RIPER facilitates a real-world experience-true colour of life to excel in their future endeavors; for the students, the name RIPER and its campus is a goodwill.”

Members of the cultural committee

S.No.	Name of the member
1.	Dr M. Vijaya Jyothi
2.	Mr G. Narayana
3.	Mrs B. Naga Shubha
4.	K. Sagarika (IV Pharm D)
5.	N. Sathesh (IV B Pharmacy)

List of events in which extracurricular activities are conducted are as follows. The events are conducted every academic year.

Description	Event name
-------------	------------

An opportunity to showcase achievements and to reminisce the path of success.	Annual Day Celebrations
To warmly welcome the new students into the land of opportunities to mould themselves as a multi-faceted personal	Fresher's Party
Conveying congratulations and wishing success to the beloved graduated students	Farewell Party
A day to remind and experience our glorifying cultural practices	Traditional Day
An occasion for all the international students in our country to gather and meet each other	Global Fest
Mirrors to the talents of our students where they present their creations.	Art Galleries

Available facilities to conduct Extracurricular and Co-curricular activities are given in the table.

S.No	particulars	Area in m ²
1	Cricket	6070.29m ²
2	kho kho/ kabaddi	2023.43m ²
3	Badminton	154.65m ²
4	volleyball	400m ²
5	Table tennis	30.25m ²
6	Chess/caroms	30.25m ²
7	Gym	54.75m ²
8	Tennikoit	70m ²
9	Yoga	150m ²
10	Seminar hall	250 students
11	Seminar hall	50 students
12	Open Auditorium	500 students.

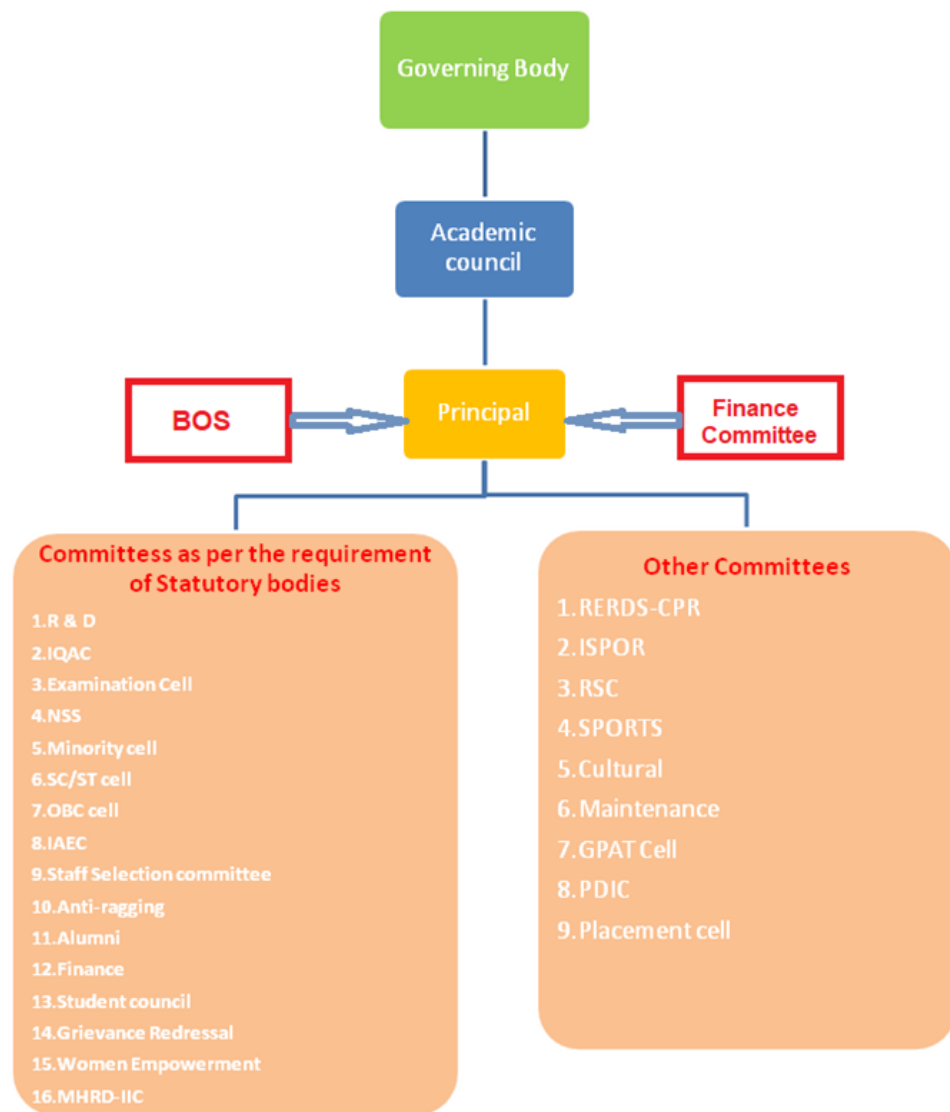
9.1 Organization, Governance and Transparency (50)

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

Institute Marks : 10.00

Administrative Organizational Chart

The following is the Administrative Organizational chart of the Institute.



Constitution of the Governing Body

The governing body of our Institutions consists of representative members from Society, Industry, University, UGC, State Government and Faculty. The constitution is so made that the collective wisdom of the eminent members is available for smooth functioning of the institution to fully fill the needs of the Internal and external stakeholders. The Composition of Governing body is as follows. members at present.

S.NO	Category as per UGC	Name of the member
1	Managements members	Ms. P. Madhavi Reddy

2	Managements members	Ms. C. Sobha Rani
3	Managements members	Dr. Y. Samhitha Reddy
4	Managements members	Dr. J. Raveendra Reddy
5	Managements members	Smt. S Sujana
6	Teachers of the college	Dr. P. Ramalingam
7	Teachers of the college	Dr. K. Ramakrishna Reddy
8	Educationalist or Industrialist	Prof. K. Hemachandra Reddy Former Registrar, JNT University, Anantapur.
9	UGC Nominee	Prof. M.D. Karvekar Professor emeritus, Krupanidhi college of Pharmacy
10	State Government nominee	Prof. A. Pameela Rani Acharya Nagarjuna University, Guntur, AP
11	University Nominee	Prof. Ramanaidu JNT University, Anantapur
12	Principal of the College	Dr. Y. Padmanabha Reddy

Functions and Responsibilities

- Decide and Prioritize the strategies of the Institution.
- Periodic review of academic facilities and ensure availabilities of academic facilities as per the statutory norms as well as industrial trends.
- Determine the academic excellence and laid path to achieve the mission and vision of the Institute.
- Planning and executing of Narrower/wider academic expansion to fulfill the needs of the stakeholders.
- Appoint suitable administrative, academic and other supportive staff with set of proper service rules as per guidelines for smooth functioning.
- Budget approval; make avail of financial resources, prioritization of financial resources and ensuring the appropriate usage of financial resources.
- Consider and approve the recommendations of stakeholders.
- Consider and approve the recommendations of Academic Council
- Consider and approve the recommendations of Principal.

Constitution of Academic Council

The Academic Council consists of a representative from faculty, Nominees from the regulating University (JNTUA), Four faculty members, Four experts from outside of the college and Head of the Institute. (<https://riper.ac.in/academic-council/> (<https://riper.ac.in/academic-council/>)) The Academic Council shall be the principal academic authority of the Institution and shall be responsible for regulating and maintaining the standards of teaching, research and evaluation in the Institution. It shall also be responsible for laying down the academic policies in regard to maintenance and improvement of standards of teaching, research, extension, collaboration programmes in academic matters and exam evaluations.

Functions of Academic Council

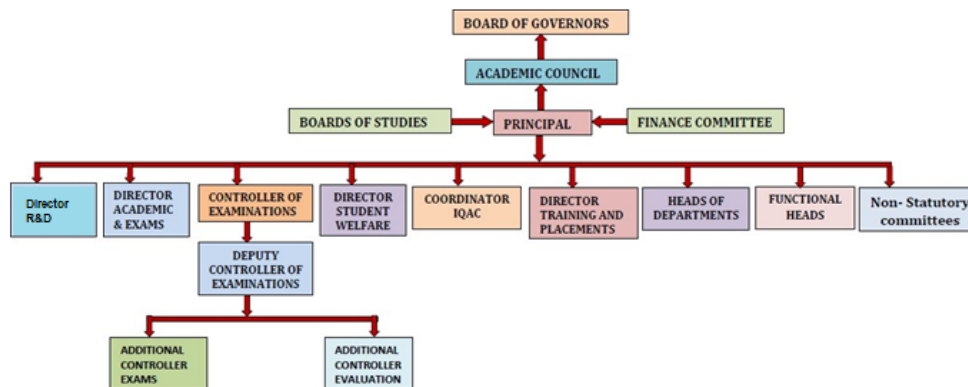
- To consider matters of academic interest either on its own initiative or at the instance of the Board of Directors or at the instance of Governing Body or these proposed by the departments / faculties and to take proper action thereon.
- To exercise general supervision over the academic work of the institution and give direction regarding methods of instruction, evaluation, and improvements in academic standards.
- To promote research within the institution and acquire reports on such researches from time to time.
- To prescribe courses of study of the programs.
- To make arrangements for the conduct of examinations, monitor and conducts the exams in accordance with the Bye-Laws.
- To maintain proper standards in the examinations.
- To suggest measures for departmental co-ordination.

- Periodical review and take appropriate action for maintaining and improving standards of instruction.
- To make recommendations to the Board of Directors regarding the following
 - a. Measures for improvement of standards of teaching research and training
 - b. To establishment or abolition of departments/Programs
 - c. To frame rules covering the academic functioning of the institution, admissions, examinations, award of fellowships and studentships, free-ships, concessions, attendance, discipline, residence etc.
- To recommend requirement of teaching posts (Professors, Associate Professors and Assistant Professors) and non-teaching posts to the Board of Directors and Governing council
- To exercise such other powers and perform such other duties as may be conferred or imposed upon it by the Rules.

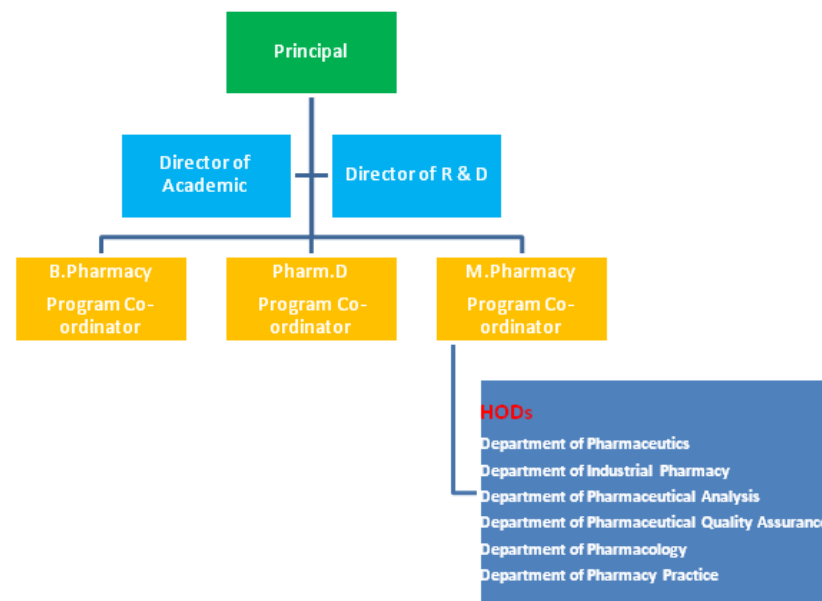
Note:-The details of various Statutory and Non-statutory committees of the organizations are provided in the web page. Committees - Riper (<https://riper.ac.in/committees/>).

Good Governance Document Guidelines of the Institute contains Policies, Procedure, Rules and Regulations of the organization.RIPER Good Governance Document Guidelines - Riper (<https://riper.ac.in/riper-good-governance-document-guidelines/>)

Hierarchy of committees/Committee heads



Academic Organizational Chart



Service Rules, Recruitment and Promotional Policies

Staff Selection Process

Eligibility (As per UGC/AICTE/PCI)

Assistant Professor

1. A basic degree in pharmacy (B.Pharm.).
2. Registration as a pharmacist under the Pharmacy Act, 1948, as amended from time to time, including any succeeding enactments.
3. First Class Master's Degree in appropriate branch of specialization in Pharmacy/Pharm D.

Associate Professor

1. A basic degree in pharmacy (B. Pharm.).
2. Registration as a pharmacist under the Pharmacy Act, 1948, as amended from time to time, including any succeeding enactments.
3. First Class Master's Degree in appropriate branch of specialization in Pharmacy/Pharm D, and experience of eight years in teaching, research, industry and / or profession at the level of Lecturer or equivalent grade; excluding period spent on obtaining the research degree.

3. Professor

1. A basic degree in pharmacy (B. Pharm.).
2. Registration as a pharmacist under the Pharmacy Act, 1948, as amended from time to time, including any succeeding enactments.
3. A Ph.D. Degree with First Class at Bachelor's or Master's Degree in the appropriate branch of specialization in Pharmacy/Pharm D, and experience of ten years in teaching, research, industry and / or profession at the level of Lecturer or equivalent grade;

Receiving of Application

The college upon requirement advertises the required number of posts subject wise/Department wise along with prescribed qualification as per UGC/AICTE/PCI in college website. The candidates meeting the prescribe eligibility should send the complete curriculum vitae to the college. The college allots a particular date and time for attending Demo and Interview.

Staff selection Committee comprises of the following members.

S.No	Designation	Name of the staff
1	Principal	Dr. Y. Padmanabha Reddy
2	Vice-Principal	Dr. J. Raveendra Reddy
4	Director R&D	Dr. P. Ramalingam
5	Director Academics & Planning	Dr. K. Ramakrishna Reddy
6	Professor	Dr. M.V. Jyothi
7	Professor (HOD Industrial Pharmacy)	Dr. Hindustan Abdul Ahad
8	Associate Professor (HOD Pharmaceutical Analysis & Quality assurance)	Dr. K. Vinod kumar
9	Associate Professor (HOD Pharmacology)	Dr. K. Somasekhar Reddy
10	Associate Professor (HOD Pharmacy Practice)	Dr. B. Pradeep kumar
11	Associate Professor (HOD Pharmaceutics)	Dr. Ch Pavan kumar
12	Associate Professor (HOD Pharmaceutical chemistry)	Dr. Vinod Nelson
13	Associate Professor (B. Pharmacy Programme Incharge)	Dr. C. Haranath
14	Associate Professor	Dr. Mohan Raj

The assessment of faculty (Demo) by staff selection committee and students covers the following

- Audibility (5M)
- Topic Depth (5M)
- Description (5M)
- Communication (5M)
- The Overall Opinion (Recommended/Not Recommended)

The chairman of the institute and the respective Department Head conducts interview for the candidates selected in Demo. After selection, the college issues the appointment letter (Which includes well defined service rules, job responsibilities and promotional policies) to the candidate and the joining report should be signed & submitted by the candidate to the college which will be considered as acceptance of service rules and policies. At the time of joining, the candidate should submit the Original certificates, marks sheets and other necessary documents as per the requirements/instructions of the institution.

9.1.2 Decentralization in working and grievance redressal mechanism (15)

Institute Marks : 15.00

Decentralization in working is ensured by not only making faculties to participate in high level decision making process but also make them to lead a team/committee independently to execute the organizational functions to achieve the tasks. At the same time there is a coordinative mechanism from the management to tune and collaborate the individuals/committee/teams towards the vision of the Institute.

Institute believes in participative management rather than an autocratic, so the organization set up is designed to have a mixture of participative and collaborative type rather than an autocratic at the same time it is completely void of bureaucratic type.

The organizational chart regarding various committees and Academic organizational chart is already discussed in the preceding point. (9.1.1).

The key points of organizational chart are as follows.

- Independent program coordinators who executes the academic activities of the respective programs.
- Faculties participate in the high level decision making Process of the Institute.(Governing Body,Academic Council, BOS, Finance Committee)
- Independently lead various Statutory and Non statutory Committees

S.NO	Committees	Details of the Faculty members
1.	Governing Body	Dr. P. Ramalingam Dr. K. Ramakrishna Reddy
2.	Board of Studies	Dr. K. Ramakrishana Reddy Dr. M. V. Jyothi Dr. H. Abdul Ahad Dr K Vinod Kumar Dr. K Soma Sekhar Reddy Dr. MohanRaj Rathinavelu Dr. G Narayana Dr. CH. Pavan Kumar (Pharmaceutics) Dr. Vinod Kumar Nelson
3.	Academic Council	Dr. H. Abdul Ahad Dr. K Soma Sekhar Reddy
4.	IQAC	Mr.P.Haranatha Reddy (Non-Teaching Staff) Dr.K.Somasekhar Reddy Dr.K.Vinod kumar Dr.M.V.Jyothi
5.	IAEC	Dr. P. Ramalingam Dr. K. Somasekhar Reddy

6.	<ul style="list-style-type: none"> • MHRD-IIC, • NSS, • Minority Cell, • SC/ST cell, • OBC cell, • Staff selection committee, • Anti-ragging, • Alumni, Finance, • Student council, • Grievance Redressal, • Women empowerment, • RERDS-CPR • ISPOR • RSC • SPORTS • Cultural • Maintenance • GPAT Cell • PDIC • Placement cell 	<p>These committees are Independently lead by different faculty members. Faculties and other stakeholders of the institute also being part of the committees. Details given in the website.https://riper.ac.in/committees/ (https://riper.ac.in/committees/)</p>
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9.1.3 Delegation of financial powers (15)

Institute Marks : 15.00

The Governing body appropriately delegated the financial powers to Principal, Academic-Director, Program Heads, Faculties and as well as non teaching faculties to meet the needs of day to day activities of the Institute for smooth flow less functioning. Accordingly the contingency expenses of the Individuals to execute the job responsibilities can be decided and met independently. They can procure the contingency requirements, later can produce the bill and collect the cash from the accounts department.

- Principal of the Institution has been delegated a power of purchase to goods upto Rs.50000/-
- Academic Director, R& D Director and Program Heads with of Rs.10000/-
- Faculty and Lab-Incharges, has been delegated with a purchase power of Rs.5000. That they can delegate to Lab-technicians with guidance. .
- The Research and Development Committee can independently decide the procurement of equipments and chemical upon recommendations from Laboratory In-charges.
- Apart from academic and regulatory needs, additionally the departments are delegated to go for purchase of new equipment/chemicals based on the income generated and grant received but through R & D.

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

Institute Marks : 10.00

Information concerned to the students and other stakeholders are circulated/communicated as soon as the Central Government/ State Govt./ regularity authorities/ Statutory bodies/ Governing body releases/ announces/ communicates either directly to the Institute or at the Public domains. Such information are circulated through hard copy or soft copy (SMS, Mails,Whatsapp,etc.) or displayed on the notice board or on the website depend on the Validity and purpose of information.

Procedure/ Process/ Rules and Regulations concerned to the organizational activities are circulated/ Communicated/ displayed to the stakeholders through appropriate mode permanently or periodically depend on the Validity/case.

The Institutional set up and organizational activities along with rules and regulations thereof are displayed and periodically updated on the college domain (<https://riper.ac.in/> (<https://riper.ac.in/>)). The scrolling bar of our website front page and "Riper news and events" sections in the front page periodically updates the recent events/notifications/exam results/etc (Home - Riper (<https://riper.ac.in/>)).

Institute also displays and update periodically the mandatory disclosures sections in the website homepage (Home - Riper (<https://riper.ac.in/>)) as per the regulatory authorities for unambiguity of information/Data in the website.

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 2020-2021

Total Income 0				Actual expenditure(till...): 0			Total No. Of Students 0
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
0	0	0	0	0	0	0	0

Table 2 - CFYm1 2019-2020

Total Income 33661775.94				Actual expenditure(till...): 46125014.26			Total No. Of Students 776
Fee	Govt.	Grants	Other sources(specify) Bank Interest	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
20142110	13275288.64	0	244377.30	30186366.72	15938647.54	0	59439.45

Table 3 - CFYm2 2018-2019

Total Income 39600739				Actual expenditure(till...): 51233123			Total No. Of Students 760
Fee	Govt.	Grants	Other sources(specify) Bank interest	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
14504352	24458017	0	638370	28858065	22375058	0	67412.00

Table 4 - CFYm3 2017-2018

Total Income 54540449.84				Actual expenditure(till...): 46147509.54			Total No. Of Students 724
Fee	Govt.	Grants	Other sources(specify) consultancy and bank interest	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
50573092.84	3544400	0	422957	26325549.5	19821960.04	0	63739.65

Items	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	Budgeted in 2017-2018	Actual Expenses in 2017-2018 till
Infrastructure Built-Up	0	0	4800000	4638571	6500000	6801533	7000000	6820516
Library	0	0	180000	191395	325000	303755	100000	43160
Laboratory equipment	0	0	0	0	750000	701508	700000	631556
Laboratory consumables	0	0	0	0	750000	801811	200000	224407
Teaching and non-teaching staff salary	0	0	32000000	30186366.72	30000000	28858065	28000000	26325549.5
Maintenance and spares	0	0	3300000	3132686.62	4500000	4896447	4800000	5316969.94
R&D	0	0	7500000	7959474.92	7500000	7840991	5000000	5099675.10
Training and Travel	0	0	0	0	0	0	1600000	1667556
Miscellaneous expenses*	0	0	0	0	800000	1000550	0	0
Others, specify	0	0	100000	16520	50000	18464	50000	18120
Total	0	0	47880000	46125014.26	51175000	51223124	47450000	46147509.54

9.2.1 Adequacy of budget allocation (10)

Institute Marks : 10.00

The budget is prepared based on the yearly admissions, last year expenses, program wise requirements compiled by principal, laboratory and Infra structure requirements. Initial budget estimate is prepared, reviewed and submitted for approvals from Governing Body. .

Emergency or unexpected expenses are met with timely approval from Governing body.

9.2.2 Utilization of allocated funds (15)

Institute Marks : 15.00

Allocated funds are utilized for the intended purpose only. The following table shows the fund allotment and actual utilization as per the audited statement.

Sr.No	Financial year	Fund allotted (Rs.)	Fund Utilized (Rs.)	% of utilization
1	2017-18	4,74,50,000	4,61,47,509.54	97.25
2	2018-19	5,11,75,000	5,12,23,124	100.09
3	2019-20	4,78,80,000	4,61,25,014.26	96.33

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

Institute Marks : 5.00

Audited statements of previous years are made available in the Website.

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

The RIPER autonomous institute has developed and maintained the library with all necessary academic resources, including 24 x 7 (50 MBPS) band width internet facilities. The budget of the library ensures the presence of most recent editions of books and journals. The institute is making a concerted effort to increase the acquisition of library electronic resources. In addition, the library offers the below mentioned services to enhance the learning facilities to students, faculty and researchers..

- o Library has totally 12,353 books with wide range of titles including 144 e- books as on date 1st Jul.2021.
- o JGate and JCCC Subscriptions available for e-journals/e-resources.
- o Exclusive library space for PG/Ph.D Scholars/students.
- o A computer workstation (5 computers) is available to faculty, research scholars and students to provide online and Internet services.
- o The working hours of the library is 9:00 am to 4:30 pm.
- o Wi-Fi is available in all reading areas. Students with laptops can browse in the library.

Barcoding and book search facilities are also available in the library for ease of resource access

Details of Intergrated Library Management System

- o Name of the ILMS software: WEBPROS SOLUTIONS PVT.LTD.
- o Nature of Automation: Library is Fully Automated
- o WEBPROS membership ID: IM-6528

WEBPROS: (Library management software)

The library is computerized and automated by using the software of WEBPROS. The software has open access to all students, scholars and faculty. We are providing the open access to all students in the campus offering the smart packages to population who are attending to library, the list of books are barcoded; the process makes easy search of available books.

The main features are

1. Search by title, author, subject, keyword and editor are provided in the basic search.
2. Search by international standard book number, International standard serial number, call number, class number, title number, issue number is provided in a numeric search.

List of e-resources

The following table contains the list of subscribed as well as developed e-resources in the Institute.

S. No	Type of e-resource	Name of e-resource	Link
1	Database	IBM Micromedex	https://www.micromedexsolutions.com/home/dispatch (https://www.micromedexsolutions.com/home/dispatch)
		Experimental Pharmacology services (Ex-pharma series)	https://heb-nic.in/Ex-Pharm/login.php (https://heb-nic.in/Ex-Pharm/login.php)
		Pharmaceutical Press	https://about.medicinescomplete.com/ (https://about.medicinescomplete.com/)
2	e-books	Inhouse facility	https://riper.ac.in/library-e-library/ (https://riper.ac.in/library-e-library/)
3	Remote access to e-resources	J-Gate Biomedical Sciences	https://jgateplus.com/admin/ (https://jgateplus.com/admin/)
		RIPER YouTube channel	https://www.youtube.com/channel/UC-NypSggPFG5LsjHBMtsUIQ (https://www.youtube.com/channel/UC-NypSggPFG5LsjHBMtsUIQ)
4	e-journals	Delnet	https://www.delnet.in (https://www.delnet.in/)

9.3.2 Internet (10)

Institute Marks : 10.00

Name of the Internet provider	BSNL Fiber Internet (NME)
Available band width	35 MBPS
WiFi availability	Yes
Internet access in labs, classrooms, library and offices of all Departments	Yes
Security arrangements	UniFi Dream Machine Pro (Firewal and Gateway)

**Annexure I
(A) PROGRAM OUTCOME (POs)**

ANNEXURE I: PROGRAM OUTCOMES

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

Declaration

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

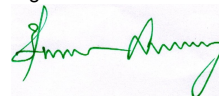
- I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines inforce as on date and the institutes hall fully abide by them.
- It is submitted that information provided in this Self Assessment Report is factually correct.
- I understand and agree that an appropriate disciplinary action against the Institute willbe 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 Y Padmanabha Reddy

Designation : Principal

Signature :



Seal of The Institution :

Principal
Raghavendra Institute of Pharmaceutical
Education & Research (RIPER)
K.R. Palli Cross, Anantapur (A.P.)

Place : ANANTAPURAMU

Date : 14-07-2021 10:39:50