



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		Raghavendra Institute of Pharmaceutical Education & Research (RIPER)
Name of the head of the Institution		Dr. Y. Padmanabha Reddy
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		09866098322
Mobile no.		9848543932
Registered Email		riperatp@rediffmail.com
Alternate Email		riperatp@gmail.com
Address		K. R. Palli Cross, near S K University
City/Town		Anantapuramu
State/UT		Andhra Pradesh
Pincode		515721

<b>2. Institutional Status</b>					
Autonomous Status (Provide date of Conformant of Autonomous Status)		13-Oct-2015			
Type of Institution		Co-education			
Location		Rural			
Financial Status		Self financed			
Name of the IQAC co-ordinator/Director		Dr. P. Ramalingam			
Phone no/Alternate Phone no.		09866098322			
Mobile no.		9581294478			
Registered Email		riperatp@rediffmail.com			
Alternate Email		riperatp@gmail.com			
<b>3. Website Address</b>					
Web-link of the AQAR: (Previous Academic Year)		<a href="https://riper.ac.in/wp-content/uploads/2021/02/AOAR-Report-2018-2019.pdf">https://riper.ac.in/wp-content/uploads/2021/02/AOAR-Report-2018-2019.pdf</a>			
<b>4. Whether Academic Calendar prepared during the year</b>		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		<a href="https://riper.ac.in/wp-content/uploads/2021/02/AC-2019-20.pdf">https://riper.ac.in/wp-content/uploads/2021/02/AC-2019-20.pdf</a>			
<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.27	2016	25-May-2016	24-May-2021
<b>6. Date of Establishment of IQAC</b>			30-Jun-2016		
<b>7. Internal Quality Assurance System</b>					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC	Date & Duration		Number of participants/ beneficiaries		

Insights on translational and interdisciplinary research in modern drug discovery and development	16-Mar-2020 7	0
17th Annual day celebrations	15-Feb-2020 1	650
ALUMNI MEET AND PARENT MEET 2020	15-Feb-2020 1	212
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**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr Sandhivardhan Chinni	RPS	AICTE	2019 1095	1058824
Dr Y Padmanabha Reddy	MODROB	AICTE	2019 730	1533334
Dr Y Padmanabha Reddy	PRERANA	AICTE	2020 1095	600000
Dr.Vinod kumar Kondreddy	STTP	AICTE	2020 6	436000
Mr.veerabhadrapa kasturi	STTP	AICTE	2020 6	283333
Dr. Pradeep kumar bhupalam	STTP	AICTE	2020 6	310000
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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

3

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

1. Conducted seminars, conferences and FDP to cater the needs of pharmacy students/Teachers. 2. Promoted to Receive research grants from various govt. organizations 4. continuous monitoring the academic progression of the Institute to achieve the goals. 5. Collaboration with National research institution and international universities. 6. Focused on faculty to Publish only in SCI/UGC/WOS indexed journals

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**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achievements/Outcomes
PG students motivation towards CSIR NET/JRF exams	About ten members appeared and Two are expected to qualify.
Enhance students performance in national level entrance examinations	The GPAT qualified students are considerably increased and notified as the highest in number in AP.
Focus on Publication on reputed journals	Increase in indexed journal publications observed as compared to previous years
Focus on more number of research grants	more number of research grants applied and received also
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**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
academic council	25-Nov-2020

**15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?**

No

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2020

Date of Submission

24-Jan-2020

**17. Does the Institution have Management Information System ?**

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

In exam section DBASE solutions software was installed on 29th Sep. 2016. It is a fully automated software which even feeds the marks from the evaluated copies directly by scanning. The automation in result calculation, either at individual student level or overall institute level could also be done. Some salient interpretation and analytical features of software includes track record of individual candidates results, Grading based on marks, CGPA, AGPA calculations at individual level, overall result display for the semester, Number and percentage of distinctions, first class, second class, failures, subject wise analysis of results and year wise analysis of results. For smooth functioning of academics WEBPROSINDIA MIS (ECAP) system was implemented and made into operational from Nov.2019 onwards.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
Nil	NA	NA	Nil
No file uploaded.			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
Nil	NA	Nil	NA	Nil
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#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NA	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
No Data Entered/Not Applicable !!!		

### 1.3 – Curriculum Enrichment

#### 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
NPTEL	03/06/2019	19
No file uploaded.		

#### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MPharm	Phramceutics	15
MPharm	Pharmaceutical Analysis	11
MPharm	Pharmacy Practice	9
MPharm	Pharmaceutical Quality Assurance	10
MPharm	Pharmacology	16
BPharm	Pharmacy	104
Pharm D	Pharmacy	28
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### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

#### 1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>Student feed back form collected at the end of every semester/year depend on course completion. The collected feed back forms are compiled and analyzed. The respective faculty are individually informed about the short comings in their curricular teaching. After the expression of individual views about the short comings by the respective faculty, academic head and principal will make the decisions. (Decisions inclusive of consideration of explanation, suggestions to improve the short comings, asking the faculty to submit action plan to improve the short comings and etc). Graduate feed back forms are collected every year from the students who completed the final year examinations. This will comprises of feedback about the infrastructure facilities and other amenities of the college to know the experience of the student at the institute during their tenure of study. Alumni and parent feed back forms are collected every year during alumni meet and parent meet respectively. Apart from that whenever the stakeholders visit the college, feed back also obtained from them. Employer feed back form is collected through electronic mode. (through e mails). After compilation and analyzing the stakeholders feed back the short comings are usually rectified within a week. And suggestions made by the stakeholder are put in the IQAC meetings. After approval and recommendation from IQAC, the suggestions will be implemented in the college immediately or put forth to the</p>

academic council/exam department/other committees for final approval and implementation in the institute.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MPharm	Industrial Pharmacy	15	6	6
Pharm D	Pharmacy	30	39	30
MPharm	Pharmaceutical Analysis	15	17	15
MPharm	Pharmacology	15	11	11
MPharm	Pharmacy Practice	15	5	5
MPharm	Pharmaceutics	15	6	6
BPharm	Pharmacy	100	122	100
MPharm	Quality Assurance	15	10	10

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### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	404	302	31	24	14

### 2.3 – Teaching - Learning Process

#### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
69	69	7	4	2	9

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

#### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Student mentoring system available in the institution for providing struggle free environment in the campus for the students. Mentorship records are maintained for every student of the institute. The students are allotted to Faculty at the time of admission. Mentorship conducted every month. The student performance were recorded in the mentorship record. The academic performance in terms of attendance and exam performance are observed by the mentors regularly. Mentees can discuss their difficulties in their campus life to the mentors personally also

at other than mentoring sessions. Mentors resolves the issues by discussing with concerned department or person on case basis. Mentors assess the academic performance of the mentees and provide suggestions to improve.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
706	69	11

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
69	69	11	17	21

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr.Sathish Kumar Sure	Assistant Professor	Indian Pharmaceutical Association (IPA)
2020	Mr.A.Sudheer	Associate Professor	Certified Trainer for Quality control Chemist,National Skill Development Corporation,Andhrapradesh
2020	Mr.A.Sudheer	Associate Professor	Certified Trainer for Qualification pack of Lab technician,National Skill Development Corporation,Andhrapradesh
2020	Dr.Somasekhar Reddy	Associate Professor	Best Research paper award - Raghavendra Educational Institutions, AnantapurState and central govt. Recognized Academic Institution.
2020	Mr.Usharani	Assistant Professor	Best teacher award-Raghavendra Educational Institutions, AnantapurState and central govt. Recognized Academic Institution.
2020	Dr.M.V.Jyothi	Associate	Best Research



		Professor	paper award - Raghavendra Educational Institutions, Anantapur State and central govt. Recognized Academic Institution.
2020	Dr.H.Abdul Ahad	Associate Professor	Best Research paper award - Raghavendra Educational Institutions, Anantapur State and central govt. Recognized Academic Institution.
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## 2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
Pharm D	PB	VI Year	05/10/2020	22/12/2020
MPharm	MQA	IV Sem	04/09/2020	31/10/2020
MPharm	MPP	IV Sem	04/09/2020	31/10/2020
MPharm	MPL	IV Sem	04/09/2020	31/10/2020
MPharm	MPA	IV Sem	04/09/2020	31/10/2020
MPharm	MPH	IV Sem	04/09/2020	31/10/2020
BPharm	BPH	VIIII Sem	05/10/2020	22/12/2020
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	158	0

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://riper.ac.in/po-co/>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
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PB	Pharm D	Pharmacy	2	2	100
MQA	MPharm	Pharmaceucal Quality Assurance	10	10	100
MPH	MPharm	Pharmaceut ical Analysis	9	9	100
MPA	MPharm	Pharmaceut ics	14	14	100
MPL	MPharm	Pharmacology	15	15	100
MPP	MPharm	Pharmacy Practice	6	6	100
BPH	BPharm	Pharmacy	102	84	82.35
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## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://riper.ac.in/wp-content/uploads/2021/01/SSR-B.Pharm-2019-2020-merged.pdf>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

<b>Yes</b>
Name of the teacher getting seed money
Dr.Ramalingam
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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr Mohanraj Rathinavelu	Prestigious Research Reviewer	18/05/2019	ISPOR (International Society for Pharmacoeconomics and Outcomes Research)
International	r Mohanraj Rathinavelu	Antibiotic Gaurdian	06/05/2020	United Kingdom National Health

				Service (NHS)
National	r Mohanraj Rathinavelu	Evaluator - IPA CPD NPW	19/11/2020	Indian Pharmaceutical Association (IPA)
International	Dr. C.Haranath	Certified Publons Academy Peer Reviewer	04/06/2019	Clarivate analytics
National	Dr P Ramalingam	Recognized as Resource faculty for GPAT online by Govt. of AP	06/05/2020	Govt. of AP
National	E. Bhargav	Trainer as quality control chemist by NSDC	30/11/2019	National skill development corporation
National	Dr Mohanraj Rathinavelu	Awarded Best Research Paper as Oral Presentation	24/08/2019	AICTE and DST Purse Phase II Sponsored Two Days National Conference on "Advances in Pharmacy Practice: From Drug Discovery to Patient Safety"
International	Dr Mohanraj Rathinavelu	Prestigious Research Reviewer	18/05/2019	ISPOR (International Society for Pharmacoeconomics and Outcomes Research)
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### 3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	AICTE-RPS	10.58	Nil
Major Projects	730	AICTE-MODROB	15.33	Nil
Major Projects	1095	AICTE-PRERANA	6	Nil
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

1
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### 3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Design Thinking and Innovation	MHRD-IIC	04/03/2020
Ideathon: Innovation challenge against COVID-19	MHRD-IIC	22/04/2020
Entrepreneurship and start up	MHRD-IIC	05/06/2020
orientation session on National Innovation Start Up Policy	MHRD-IIC	24/12/2020
orientation session for all students and faculties of institute by innovation ambassador	MHRD-IIC	12/12/2020
Orientation session on National Education Policy- Innovation and Entrepreneurship	MHRD-IIC	10/12/2020
National webinar on self exploration towards innovation and entrepreneurship	MHRD-IIC	31/10/2020
Call for paper writing and research report on innovation	MHRD-IIC	23/12/2020
Call for paper writing and research report on innovation	MHRD-IIC	02/11/2020
Workshop on Entrepreneurship and innovation as career opportunity	MHRD-IIC	02/11/2020
Industry Academia Partnership	RIPER-IPA	12/09/2020
Pharmaceutical Research career development	RIPER-IQAC	27/07/2020
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Best IPA branch	P.Ramalingam	Indian Pharmaceutical Education (IPA)	Nil	Institution
Best patient counselling video making	Sneha Latha J	Indian Pharmaceutical Education (IPA)	10/11/2019	Student

Best patient counselling video making	Lami singh	Indian Pharmaceutical Education (IPA)	10/11/2019	Student
Best patient counselling video making	Sathish Kumar Sure	Indian Pharmaceutical Education (IPA)	10/11/2019	Teacher
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### 3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nil
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### 3.4 – Research Publications and Awards

#### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Pharmacy	1

#### 3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Pharmacy	54	1
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#### 3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Pharmacy	38
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#### 3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Dual Retard Inlay tablet with Low Bio available Cardiovascular Drugs	Published	202041037164 A	09/09/2020
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#### 3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Nil	Nil	Nil	2019	Nil	Nil	Nil
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#### 3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
<b>No Data Entered/Not Applicable !!!</b>						
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#### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
<b>No Data Entered/Not Applicable !!!</b>				
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### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Department of Pharmaceutics	Preliminary QC test for three Tablet formulations (T-008, T-009, T-010)	Waksman Selman Pvt ltd, Anantapur, AP	100000
Department of Pharmaceutics	Preliminary pre-formulation for development of nano-suspension for TER-009 HPLC method development	Rexer Pharma Private limited, Hyderabad	1000000
Department of Pharmaceutics	Pre-formulation for development of nano-suspension for X-09181	Rexer Pharma Private limited, Hyderabad	500000
Department of Pharmaceutical Analysis	Development of assay method for X-09178 by HPLC and Method transfer at Site	Rexer Pharma Private limited, Hyderabad	200000
Department of Pharmaceutical Analysis	Development of assay method for X-09179 by HPLC and Method transfer at Site	Rexer Pharma Private limited, Hyderabad	200000
Department of Pharmaceutical Analysis	Development of assay method for X-09180 by HPLC and Method transfer at Site	Rexer Pharma Private limited, Hyderabad	200000
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#### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
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Pharmacology	Preclinical Studies	Ph.D Scholar	300000	15
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### 3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
IPA Branch	Best Performing IPA Local Branch Award	Indian Pharmaceutical Association (IPA)	700
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Inauguration and awareness on domestic and community hygiene	NSS	Health awareness	20	100
World Breast feeding week awareness	NSS	Awareness	10	100
Defecation awareness programme	NSS	Awareness	10	100
World diabetes day awareness	RDT hospital	Health awareness	10	100
Road safety, Sanitation, waste management, smoking cessation, childhood immunization	NSS	Swachh Bharat, awareness	15	200
Plantation Program	NSS	Swachh Bharat	10	200

World HIV/AIDS Day Awareness Rally-2019	District Medical Health Officer (DMHO) Anantapur	Awareness	15	200
Blood donation camp	REDCROSS SOCIETY, PTC-Anantapur	Social awareness	10	100
Spit Free India Movement	Sambandh Health Foundation	Swacch Bharat	69	500
Voter awareness, Digital awareness	NSS	Social Awareness	10	200

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### 3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Publications	6	Institution	10
Research activity	2	Institution	7
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industry	Project work	Strides, Bangalore	01/07/2019	15/06/2020	1
Industry	Project work	Reddys Laboratories, Hyderabad	01/07/2019	15/06/2020	2
Industry	Project work	Genesys	01/07/2019	15/06/2020	2
Industry	Project work	Micro Labs, Bangalore	01/07/2019	15/06/2020	1
Industry	Project work	Chemo formulations, Hyderabad	01/07/2019	15/06/2020	8
Industry	Project work	Rachem, Hyderabad	01/07/2019	15/06/2020	5
Industry	Project work	Jubilant, Bangalore	01/07/2019	15/06/2020	2
Industry	Project	Sipra,	01/07/2019	15/06/2020	1



	work	Hydrabad			
Industry	Project work	Piramal, Hydrabad	01/07/2019	15/06/2020	2
central Institute	Project work	CDRI- Lucknow	01/10/2019	20/06/2020	7
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Gomantak Ayurveda Mahavidyalaya and research centre Goa	01/04/2019	Academics Research and development	5
Parul Institute of Pharmacy vadodara	11/03/2019	Academics Research and development	11
Vebsika Data Solutions Pvt. LTD.	03/01/2019	Academics Research and development	52
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#### CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

##### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
38	38.76

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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##### 4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
ECAP	Fully	Updated latest	2019

#### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Text Books	11736	2303454	296	42750	12032
Reference Books	781	861890	90	20033	871	881923
e-Books	114	Nil	30	Nil	144	Nil
Journals	65	335264	Nil	Nil	65	335264
Digital Database	1	16500	Nil	Nil	1	16500
CD & Video	160	4800	15	Nil	175	4800
e-Journals	200	Nil	Nil	Nil	200	Nil
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr Nawaaz Mahammed	Coating Equipments	Youtube	23/02/2020
<a href="#">View File</a>			

#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	126	120	120	120	120	7	20	30	0
Added	0	0	0	0	0	0	0	0	0
Total	126	120	120	120	120	7	20	30	0

##### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

30 MBPS/ GBPS
---------------

##### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
RIPER-IT	<a href="https://www.youtube.com/channel/UC-NypSggPFG5LsjHBMtsULQ">https://www.youtube.com/channel/UC-NypSggPFG5LsjHBMtsULQ</a>

#### 4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
105	100.58	7	8.31

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

The Governing body of the college ensures optimal allocation and utilization of the available financial resources for maintenance and up gradation of different facilities by holding regular meetings by considering recommendations of various committees constituted at the college level for smooth functioning. The funds generated through the grants, Student fees and local society utilized for physical facilities maintenance and up gradation. The investment decisions are made as per the requirement of Students betterment on priority basis.

Laboratory: Every lab is assigned to a concerned Faculty as in-charge. Lab technicians of the concerned laboratory maintain the lab and equipment records and monitored by Faculty in-charge. HODs verify the records periodically.

Maintenance of laboratories:- The calibration, repairing and maintenance of sophisticated lab equipment's are done by the technicians of related enterprises periodically and as and when required. Library:- The required list of books are collected from concerned faculties of the subject through HODs. The finalized list of required books is duly approved by Principal in consultation with HODs. The students are provided with ID Cards to collect the book from the library and they can collect and return the book within specified period. The No Due certificate is mandatory for students before appearing in exam. Other issues such as weeding of old titles, schedule of issue/ return of books etc. are chalked out and resolved by the library committee. Sports: - Regarding the maintenance of sports equipment and conductance of sports activities the college deputed a qualified sports in charge. (Physical Director). He looks after the sports activities periodically. Computers: - Centralized computer laboratory is functioning effectively to enrich the students. The computer in charge looks after the facilities and upgrades the system requirements periodically. ECAP software is used for maintaining faculty and students details. DBASE is instilled for smooth functioning of Exam Section. College is enabled with HI Speed Internet to all the systems of the campus and also a WIFI Enabled campus. Open access journals facilities are available. Classrooms: - The college has various committees for maintenance and upkeep of infrastructure maintenance and smooth functioning. At the departmental level, HODs submit their requirements to the Principal regarding Physical facilities requirements and others. Administrative officer also focus to fulfill the student's academic requirements.

<https://riper.ac.in/wp-content/uploads/2021/02/Maintanance-PhysicsI-Facilities.pdf>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Nil	Nil	Nil
Financial Support from Other Sources			

a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil
<a href="#">View File</a>			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Awareness program on daily yoga for healthy women	05/11/2020	60	RIPER involved
Awareness program on swachhta in campus - pledge on swachatha by girl students	12/09/2019	55	RIPER involved
Awareness program on scholarships and fundings for girl students	22/08/2019	35	RIPER involved
Awareness program on nutrition to pregnant women in in association with NSS students	05/08/2019	50	CHIYYEDU
Awareness program on cyber crime and women safety to girl students in association with NSS students	17/07/2019	120	RIPER involved
No file uploaded.			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	GPAT CELL	50	50	23	23
No file uploaded.					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Divis laboratories	15	6	Bioclinica	3	3
<a href="#">View File</a>					

#### 5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	34	Raghavendra Institute of Pharmaceutical Education and Research	B.Pharmacy	Raghavendra Institute of Pharmaceutical Education and Research	M.Pharmacy
2019	63	Raghavendra Institute of Pharmaceutical Education and Research	B.Pharmacy	Raghavendra Institute of Pharmaceutical Education and	M.Pharmacy
<a href="#">View File</a>					

#### 5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	44
No file uploaded.	

#### 5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Tennikoit girls	Inter institute	42
Kabaddi girls	Inter institute	120
Kabaddi boys	Inter institute	120
Throw ball Girls	Inter institute	100
Kho-kho boys	Inter institute	144
Badminton girls doubles	Inter institute	48
Cricket	Inter institute	180
Volley ball	Inter institute	135
Kho-Kho girls	Inter institute	126
Badminton boys doubles	Inter institute	42
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#### 5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	Soft ball	National	1	Nil	17L81R0097	K.Lokesh
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The following committees have student representatives: 1. Student Representative Council 2. Anti-Ragging Committee 3. Sports Committee 4. NSS Committee 5. Alumni Association 6. Women empowerment council 7. Journal Club. Student Representative Council:- Consists of Two toppers from each class. They assist in smooth functioning of academic activities of the respective classes. They communicate between the faculties and students. Sometimes convey the difficulties of the overall class students to the respective faculty or to Administrative officer or to principal as the case may be to resolve the things smoothly. Anti Ragging Committee: Though our campus is ragging free in practice, the anti-ragging committee has been established as per the requirements of statutory bodies and government norms. The committee is functioning in a precautionary and preventive manner in the campus to maintain the ragging free environment. Sports committee: sports committee is headed by Physical Director of the institute. The students in the committee organize and coordinate the sports activities of the college. NSS Committee: It is being established as per the norms of the Government. The NSS organizes various activities to inculcate Social responsibility to the students. Students are actively participating with a good understanding of their own responsibilities. Alumni Association:- Students interacts with the alumni members periodically through alumni meet to pace up their capabilities to the needs of the industries. Women empowerment cell: Conducting various activities to empower the women to shorten the gender Gaps. Journal Club: Weekly organizes research community meetings to share the research and development activities of the individuals of the institute. The main motive of the club is to inculcate the research capabilities among the budding pharmacists and to reinforce the ethics of Research.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

1650

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

Every pass out student of our college automatically become the member of our alumni. Alumni meetings are regularly organized every year. During that the alumni of our college are invited for the meet. The alumni share their experiences with our budding students during the meet. The alumni interaction

takes place with our college alumni association incharge. Feed back from alumni are collected and compiled by IQAC members. The suggestions and recommendation of alumni are put forth in the Governing body and BoS meeting as suggestion for implementations. When ever IQAC and Academic council meetings are conducted the selected alumni are invited for their suggestions. Every suggestions and recommendations of alumni are considered with due care for the betterment of the organizations and after approval by respective committees they are implemented.

## **CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT**

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

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The institution has a practice of operating in decentralized as well as participative management method. The college provides the better opportunity to the entire stakeholder to participate in the decision making process through various committees. The college administrative and academic structure is in a manner to make the decision by participative Manner. Principal is the administrative and academic Head, followed by vice principal, Administrative Officer and department heads. The meetings of the department are held often under Each HODs at the department level and the recommendations are sent to the Administrative officer and higher authorities. The recommendations are put forward to the principal. The college follows all such norms laid down by the Government of Andhrapradesh and JNTUA and UGC in Academic and administrative Aspects. Decentralization and Participative management is stated as follows: Though Various committees are independently functioning and executing, the recommendations and suggestions of the committees are put forwarded through principal in governing council meeting for approvals. Some examples are as follows 1. During affiliation process all departmental heads are requested to send their proposals for commencement of new courses and they are inculcated during affiliation date. 2. The N.S.S. committee conducts meeting to decide the place/venue/dates/program as per the convenience and forward for approval to the principal. The responsibility rests with the N.S.S. programme officer. The same is true with every committee of the organization and function in a decentralized manner. 3. The department HOD conducts meeting to organize the seminars and conferences. The topic of the seminar, speaker, date and other aspects decided by the departmental faculties finally communicated to the Research and Development Director and higher authorities for approvals. 4. The Physical infrastructure requirements of the every department are consolidated and passed to the principal to put forward in governing body meetings for final approvals. 5. The examinations are carried out periodically throughout the year for which there is separate examination department. The Controller of Examination independently with the help of administrative staff conducts and announces results in unbiased manner without any grievances.. 6. The management authorities regularly undertake the review college activities in its Governing body meetings. The Necessary guidance and directives are issued through these meetings. Periodical reviews are undertaken by the top management. The budget is prepared prior to the commencement of the academic year and is approved by the management. So there is a good support from the management relating to the implementation of the objectives specially designed to attain quality teaching and learning aspects of the college. The concentration is given on the regular lectures conducted by the staff, timely completion of the syllabus, guidance for better performance in the examination and providing best possible teaching learning environment. This is coordinately attained by regular meetings of principal conducted with HODs from time to time. The staff receives motivation and support for all the activities from the management. Apart form Academic activities the participation of students in Sports, NSS and extracurricular

activities is also encouraged in order to attain the missions.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

## 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Industry Interaction / Collaboration	<p>RIPER is having interaction and collaboration with reputed research organizations, industries and institutions in India and abroad. RIPER having MoU's with, Walksman Selman Pharmaceutical Pvt. Ltd, Rexer Pharma Pvt Ltd, Amix Pharma, Pellets Pharma Ltd, Trimurthy formulation Pvt Ltd, RA Chem Pharma Ltd, RDT Hospitals, Bathalla palli, Anantapuramau, Andhra Pradesh, SVGM GOVT. Degree College, Kalyandurg, Anantapu, The University of TOLEDO, Girijananda Chowdhury Institute of pharmaceutical Sciences Guwahati, CSIR, Gomantak Ayurveda Mahavidyalaya and research centre Goa, Parul Institute of Pharmacy vadodara, Vebsika Data Solutions Pvt. LTD., and Indian Council of Medical Research New Delhi</p>
Human Resource Management	<p>RIPER, has been recruiting employees based on the requirement to keep staff-student ratio as 1: 15 for UG and 1:12 PG programmes. Selection committee follows the laid norm for new recruitments. The HRD of RIPER encourages faculty to develop their teaching and research skills by attending and organizing conferences/seminars/workshops /training/refresher programmes. RIPER promotes the faculty development programmes of various specializations. Required number of administrative and supporting staff constantly maintained for smooth running of the institute.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>RIPER having the well-established library with Wi-Fi facility, more than 1500 titles and 12500 volumes, 43 national journals, 19 international journals. RIPER having the facility of 95 online resources and more than 1700 dissertation reports. RIPER having well-established classrooms with projectors, seminar halls, laboratories etc. The amenities such canteens, hostels, playgrounds, indoor auditorium and common halls are available. RIPER having the centralized analytical</p>



laboratory. Instrumentation upgraded in the all laboratories with recent versions, for the purpose of research activities to the faculty and students

Research and Development

RIPER approved as centre for pharmaceutical research as per JNTUA, Ananthapuramu. All the laboratories in RIPER are upgraded with major instruments, which are beneficial to the students faculty in their current area of research. IQAC advices faculty and students to participate actively in interdisciplinary research activities. Faculty are advised to write proposals for research grants for various regulatory bodies like UGC, AICTE, CSIR, DST, and ICMR. Institution encourages students to involve in research at their basic level by providing them with seed money. Inviting visiting professors from various organizations like ICMR, CSIR etc. to provide research knowledge.

Examination and Evaluation

Class tests and midterm examinations conducted in the institution as per autonomous rules and regulations. Problem based learning examinations conducted to evaluate the students. Conducting the National level model tests like GPAT, PG CET and NIPER. Revaluation and challenge valuation are allowed. Photo Copy of the script provided to the student on demand. Publication of results within one month. Grievances cell for examinations. Online publication of results.

Teaching and Learning

The conventional as well as modern teaching methods are adopted by the faculty for delivering the classes. Pre-planned academic calendar for smooth running. Journal Club for faculty, Ph. D Scholars, students of PG, Pharm. D and UG, Student seminars, assignments, mini-projects, industrial tours, fieldwork and internships are part of the curriculum. The meritorious students are recognized and awarded. The backward students recognized with scholar ships. The feedback received from the students are analyzed and appropriate measures taken to improve the quality system. Mentorship for continuous support from the faculty to improve student's academics and their personal behavior.

Curriculum Development	<p>1. RIPER regularly organizes guest lectures by eminent personalities from the universities as well as industry.</p> <p>2. RIPER Organized workshops at department level involving experts from industry/research organizations.</p> <p>3. RIPER organized the certificate programmes, workshops and hands on training and refresher programmes in the pharmacy from academia and industry.</p> <p>4. The Board of studies (BoS) of RIPER constituted with members from industry, expert faculty and student representatives to improve the curriculum.</p> <p>5. The feedback collected from students and alumni for curriculum and suggestions placed in BoS meetings. High Priority given for employability and quality based education</p>
Admission of Students	<p>1. 70 of seats (Category-A) of all courses are filled by the government, basing on the performance in common entrance test conducted by Andhra Pradesh State Council for Higher Education (APSCHE).</p> <p>2. The remaining of admissions is made by the institution basing on the performance of students in common entrance test /Intermediate.</p>

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Administration	<p>ECAP Software is instilled to monitor academic and administrative activities from 2019 onwards. It is fully automated software which aid smooth functioning of entire activities of the college. Have login facility for various administrative, academic and supportive staffs and provide information at the required level of administration. But at present it is being utilized for Academic monitoring process. Attendance of the students is entered and compilation is also done automatically. Slowly utilization of other aspects of the software will be done in forth coming sessions.</p>
Examination	<p>DBASE software is instilled. it is a fully automated software. It provide complete automation of exam department activities from allotment of roll number to a newly admitted candidate to result analysis at individual and overall level. Feeding marks of the students from evaluated copies directly is a notable capability of the software</p>

	to understand the depth of automation.
Student Admission and Support	ECAP Software is instilled to monitor academic activities from 2019 onwards. It is fully automated software which aid smooth functioning of entire activities of the college. It has login facility for the individual students to track their academic performances. Faculty login makes them to communicate with students and assist them by uploading of e-contents. It also aid the faculty to monitor the student performance. But at present it is being utilized for Academic monitoring process. Attendance of the students is entered and compilation is also done automatically. Slowly utilization of other aspects of the software will be done in forth coming sessions.

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr.M.V.Jyothi	Annual conference-ICBS	Nill	7500
2019	Dr.K.V.Veerab hadrappa	IPC	Nill	7000
2019	Dr.Santhivard han Chinni	Summer research fellowship-CDRI	Nill	56000
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	Fire training programme	Fire training programme	Nill	Nill	53	40
2020	FIT India Movement	FIT India Movement	Nill	Nill	61	41
2020	COVID-19	COVID-19	Nill	Nill	60	39

	Awareness Quiz	Awareness Quiz				
2020	Spit Free India Movement	Spit Free India Movement	Nil	Nil	62	42
2020	Innovation challenge against COVID-19	Innovation challenge against COVID-19	30/04/2020	30/04/2020	59	41
2020	COVID-19 Pandemic: challenges and opportunities in pharma sector	Nil	30/05/2020	30/05/2020	58	Nil
2020	Pharmaceutical Research career development	Nil	27/07/2020	01/08/2020	51	Nil
2020	Industry Academia Partnership	Nil	12/09/2020	13/09/2020	58	Nil
2020	Self Exploration towards Innovation and Entrepreneurship	Self Exploration towards Innovation and Entrepreneurship	31/10/2020	31/12/2020	58	39
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
69	69	43	43

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. House loans 2. Personal loans 3. Family pension 4. Health	1. House loans 2. Personal loans 3. Family pension 4. Health	1. Health Insurance 2. Merit Scholarship 3. Fee waiver for weaker

insurance

insurance 5.Provident fund

sections payment of fee in instalments 4. Earn while you learn scheme (PG Students)

#### 6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

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

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
<b>No Data Entered/Not Applicable !!!</b>		
No file uploaded.		

6.4.3 – Total corpus fund generated

7517078

#### 6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	PCI,SBTET	Yes	IQAC
Administrative	Yes	PCI,SBTET	Yes	IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. IQAC of the institution collects feedbacks from the parents regularly and implements the advices given by the parents in both academic and non-academic.
2. College conducts parents meetings annually in which parents interacts with faculty for the development of all respective courses.
3. Gender equality awareness

6.5.3 – Development programmes for support staff (at least three)

1. The institution conducted various workshops towards faculty to train them in their expertise areas, also provides the basic knowledge and developments in different areas of pharmaceutical sciences for their continuous growth in research field like computer aided drug design, quality by design and language skills etc.
2. Establish collaborative network with other universities industries with MOU.
3. MOUs with various organization by the RIPER institution

provides a wide scope for the faculty to expose their research knowledge with other research community and vice versa.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

Involvement of IQAC in academic monitoring and development. More focus on student centered activities to cater the needs of individual students. Curricular development to cope with the needs of industries. Well focused Research and development activities to enrich professional development of the students.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	Mission NIRF	30/12/2020	03/12/2020	22/12/2020	22
2019	stake holders feed back analysis	14/02/2020	27/01/2020	07/02/2020	9
2020	academic audit for AQAR	24/09/2020	08/09/2020	16/09/2020	8
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**CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1 – Institutional Values and Social Responsibilities**

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Elocution on role of women in politics	26/11/2019	26/11/2019	65	Nil
Women's day celebrations	02/03/2020	07/03/2020	207	Nil

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

From the inception, the Institute gave higher priority in the development and maintenance of eco-friendly atmosphere in the campus. Motivated the students to keep their surroundings green and clean by undertaking plantation of trees. Motivated students to imbibe habits and life style for minimum waste generation, minimize use of plastic bags etc. Solar panels arranged in the campus to get renewable/alternate energy. Check dams constructed in some areas

to protect ground water and to improve water harvesting. The institution organizes several programs through NSS like Mass Plantation, swachh bharat and awareness programs in near villages.

#### 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	No	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	No	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil
Special skill development for differently abled students	Yes	Nil

#### 7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
<b>No Data Entered/Not Applicable !!!</b>							
<a href="#">View File</a>							

#### 7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
MULYA PRAVAH	25/12/2019	The IQAC of local chapter to steps to refine the human values and professional ethical practices in the administrative activities and recommended the BOS to follow the UGC Guidelines in this regards. As per the recommendations, the BOS revived the norms for maintain human values and professional ethics and published on 25-12-2019 as per UGC. The various committees were advised to follow and maintain the human values and professional ethics in their day to day

activities like decision making, action planning, execution, follow-up and corrective measure. The HODs and Higher authorities are more consciously reviewing the decisions of the individuals or groups in these aspects before making the final decisions.

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

RIPER has power connections with a central substation, control panel and power room. Breakers are available at substations and control panels are available at power room. Panels and distributions boxes are available at individual departments. Switching off / unplugging fans, lights, air conditioners, computers, printers, and electrical equipment when not in use and the same written on foam sheet in every floor. Energy saving equipment recommended for few chemistry practicals by using microwave oven and Ultrasonicators. Use of glass windows for maximizing use of available natural light in operational areas. Classrooms and labs designed in such a way that natural lighting and ventilation provided. Use of plastic bags discouraged within the premises of the college. Solar water heaters arranged in women hostel for hot water for the use of renewable energy. Fire extinguishers installed in each laboratory, library, animal house and corridors. The usage of fire extinguishers demonstrated to the faculty and lab technical staff by expert personnel. Sand buckets kept at various locations and refilled it every year. The institution increased herbal plants (medicinal garden) and laid lawn at campus and in front of hostels for creating eco-friendly environment.

### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

**Title of the Practice:-** Research - Integral part of the Curriculum. Objective of the Practice To establish research culture among the under-graduate and post-graduate students Goals 1. To endorse a scientific approach to the assessment of any problems 2. To establish critical thinking skills for collection of data and also how to write a research paper 3. To built an aptitude for research 4. To identify disseminate the emerging and thrust areas of research 5. To instill the research culture among student 6. To motivate the students to present their findings in reputed National / International Conferences 7. To encourage the students to publish their research papers at national/international reputed journals 8. To create curiosity in students for active participation in a short period 9. To enhance academic work to the level of patenting and long-term ventures 10. To identify the target areas and, to understand the individual research inters The Context At UGPG level, students typically gain limited knowledge only through lectures in classrooms, and laboratory practice. Hence, the implementation of scientific techniques for the acquisition of information is most important for students. The adoption of an interactive learning approach, involving students in identifying a problem, identifying the causes



and critically seeking a solution, will have a positive effect on students and will make the learning process more relevant and meaningful. Therefore initiatives were taken on a stand-alone basis to include the research study as a compulsory component of the curriculum for all students at UGPG level. The Practice a. Initial planning Initially the faculty members were given training in research methodology. The core group drew up a curriculum for the Foundation Course in Research Methodology in collaboration with the expert instructors.

Awareness created among the students about research and paper writing. Guest lectures and webinars were conducted to explain the doubts among students about research. b. Project Work Allocation of Guide Created project groups by giving four to five students and for each project group faculty will be assigned based on the field of specialization. The student will communicate with the guide at every stage. Choice of a research problem and presentation of a proposed project The preparatory course allows learners to choose the topic of project work and to apply a proposal after careful analysis of the existing literature.

The proposed proposal is approved by considering the resources availability, time limits, economical implications and complexity of the project. Collection of data After the finalization of the project proposal, students can follow their project by gathering the necessary information from various resources. The presentation of an ongoing project is made by students using power point, during which the faculty of the department and the entire class will be present. The presentation will be accompanied by a discussion. The questions generated by the students and faculty provide an opportunity for students to become more focused on their project work. The data obtained by the researcher will be tabulated, evaluated and interpreted using different analysis tools. Submission of project report and Viva-voce Finally, the scientific report on the research project will be presented by the students as part of the fulfillment of the UGPG program. Continuous internal evaluation shall be carried out by the faculty guide at each point of the project work, providing adequate weight to the sources consulted/literature analysis, methodology, data collection, technical consistency, content of the study and bibliography.

Obstacles/ Problems encountered There was an initial fear among students. Language difficulties, lack of critical thought and financial challenges have been reported as problems for some students and have been adequately addressed.

Junior faculties who have limited exposure in research face difficulties in project guidance. Evidence of Success Project work undertaken by students builds self-confidence and inspires them to pursue more research studies such as the Mini Project and Summer Research Project funded by renowned research institutes at PG level. The solicit feedback collected from the students about project work, demonstrates that the project work at UG PG level has helped to establish a scientific approach and has improved their knowledge of the subject. Student Publications has improved a lot compared to previous academic years. Resources The college has a research center, computer lab and central instrumentation room with all sophisticated equipment facility. Title of the practice: Women empowerment Objective: • Empowering women with academic excellence. • To raise awareness of the rights of women. • To make women aware of our rich cultural heritage. • The cell aims to create a better society by empowering women Structures:- The cell is headed by the President, Secretary and Treasurer of the Womens Staff. The Girl Students are members of it. The Principal and Senior Faculty shall assist and guide the activities of the Cell.

The context : The institution has more number of girls rather than boys. The cell has taken keen interest to protect the rights of girl student by organizing various programs. "Educate The Girl and Strengthen The Nation ". In this context the cell has designed several women empowerment programs to educate the girl student. The Practice : The institution has organized and conducted various programs under this cell with true spirit and dedication .We invite Doctor from RDT hospital for cancer awareness and also invite Advocate to create awareness about women's rights, like this way we conduct many

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programs ,seminars ,conferences to : o Increase awareness among girl students and lady staff about their rights. o Listening to the grievances of girl students and guiding them through counseling. o Creating opportunities for girl students to participate actively in curricular and co curricular activities. o Offering health and safety guidance. o Providing financial assistance to poor girls. o We conduct skits elocution, essay writing competitions . o To empower and strengthen women through education and social values and the ethical sphere of life. ? Recognizing strong leadership qualities in their capacity. ? Building a culture of respect and equality for women. ? The provision of opportunities and programs for women to be financially, psychologically and emotionally empowered in order to boost their growth as individuals on their own. ? Organize seminars, workshops to share knowledge of the opportunities and tools available. ? Inculcate the entrepreneurial attitude of young girls so that they are successful entrepreneurs rather than job-seekers. Evidence of success: The institution has identified major changes in the attitude of girl students on various parameters. Overcome of shyness, more participation in class wise seminars and extra -curricular activities, Positive attitude, free interaction with faculty and other students.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://riper.ac.in/wp-content/uploads/2021/02/Best-practices-2019-20.pdf>

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Giving of Support to the faculty members to fetch grants from various funding agencies in the form of research projects, attending various orientation, refresher programs, conferences / seminars / workshops / short term courses, availing study leave and publishing research papers to update their academic and research profile. Students and faculty member of the department regularly involved in various activities like providing drug information from PDIC to the villagers by conducting mega health camps, plantation, blood donation, health awareness programs, rally's through NSS.

Provide the weblink of the institution

<https://riper.ac.in/wp-content/uploads/2021/02/Institution-Distinctiveness.pdf>

### 8.Future Plans of Actions for Next Academic Year

Focus on Industrial and Institutional collaboration which in turn provides financial and research supports to the institution. Upgrade and uphold the capabilities of faculties through participation in various conferences, workshops/STTPs/FDP and etc. Direct the faculties to focus grants from various funding agencies and increase the financial support for their research activities and to focus on publications only on indexed journals. Direct and guide the researchers to patent their works. Set a tissue culture laboratory and to focus on finance aided projects from various institutes of nearby regions. Promote ICT tools and accessories in teaching and learning process to cope with technological needs and advancements. Inculcate the culture of "publish and flourish" among the students