



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH
Name of the head of the Institution		A. Ramesh
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08458222088
Mobile no.		9701683444
Registered Email		principal@viper.ac.in
Alternate Email		rameshcology@gmail.com
Address		BVRIT-Vishnupur
City/Town		Narsapur, Medak Dist.
State/UT		Telangana
Pincode		502313

<b>2. Institutional Status</b>					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Semi-urban			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Dr. VVS Rajendra Prasad			
Phone no/Alternate Phone no.		08458222088			
Mobile no.		9703698214			
Registered Email		rajendraprasad.vvs@viper.ac.in			
Alternate Email		lakshmi.svvnsm@viper.ac.in			
<b>3. Website Address</b>					
Web-link of the AQAR: (Previous Academic Year)		<a href="http://www.viper.ac.in/images/doc/AQAR-Report-2018-19.pdf">http://www.viper.ac.in/images/doc/AQAR-Report-2018-19.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="http://www.viper.ac.in/academics/academics/academic-calender">http://www.viper.ac.in/academics/academics/academic-calender</a>			
<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.39	2016	02-Dec-2016	01-Dec-2021
<b>6. Date of Establishment of IQAC</b>			10-Dec-2014		
<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	
Work shop on Immersive		23-Jul-2019		4	

Instructional Technology (IIT) Program	3	
Workshop on Student learning in instructional design	11-Feb-2020 3	3
Workshop on Unconscious bias at workplace	05-Jun-2019 1	5
Sessions conducted in association with TASK tilted Organizational Skills & Interview Preparation Skills	22-Jul-2019 2	75
Conducted a workshop on Modern Analytical tools: Applications of RP-HPLC in Pharmaceutical Research	05-Nov-2019 1	325
Employability skills Organized by TASK in association with Tech Mahendra	16-Dec-2019 8	40
Conducted a conference on 3D Printing Technology in dosage form design and drug delivery	09-Feb-2020 2	225
Conducted a seminar on titled Drug development and clinical Pharmacy Challenges and opportunities in transforming Pharma industry	17-Feb-2020 2	55
Workshop on Writing Effective Research Proposals	19-Feb-2020 1	23
A workshop on Design of Experiments	20-Feb-2020 1	35
<a href="#">View File</a>		

**8. Provide the list of funds 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
VIPER/Pharmaceutical Chemistry Dr. VVS Rajendra Prasad	Pilot project Grant in Cancer Biology	DBT	2016 1095	400000
VIPER/Pharmaceutical Chemistry/Dr D	Start-Up Research Grant	SERB	2016 1095	620000

Appaji				
VIPER/Pharmaceutics/Dr.K.Vanitha/Ms D.Santosha	SEED	DST	2020 1095	6099402
VIPER/Pharmaceutical Chemistry/Mr.Y.Viswnadham	SRF	ICMR	2018 1095	341192
VIPER/Pharmaceutical Chemistry/Dr.V.V.S.Rajendra Prasad/Mrs M Sandhyarani	SRF	ICMR	2020 1095	192000
VIPER	UBA	UBA	2020 365	100000
VIPER/Pharmaceutics/Dr.K.Vanitha	Seminar Grant	AICTE	2020 365	145000
<a href="#">View File</a>				

<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	7
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	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	Yes
If yes, mention the amount	145000
Year	2020
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>	
Encouraged staff to conduct and participate in workshops	
Publishing patents	

Placements in core area industries

Internships to M. Pharmacy students

Quality Publications

[View File](#)

**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
Encouraged the faculty to patents their research outcomes. Conducted training sessions to patent writing. Good incentive policy framed for patents.	Number patent applications was increased
Encouraged the faculty to publish their research outcomes in Quality Journals (WOS and SOPUS). Conducted training sessions to improve scientific writing skills for the faculty. Incentives are given to the faculty for the good publications as per the policy.	Number of publication in peer reviewed journals was improved significantly
Continuation of GPAT/NIPER coaching with subject experts.	Improvement in number of GPAT and NIPER ranks along with better scores.
Programs for improving Soft skills with the help of TASK	Students acquired good Communication skills the outcome are reflected in the interviews.
Conducted interaction sessions and/or training with industrial experts to create interest among students to work/attract towards core area of pharmaceutical sciences	Students got placed in industries with good package.
To improve skill based learning through usage of softwares in teaching learning activities	Different softwares are used in teaching learning process. The outcome was showed in improvement in marks in mid exams and results

[View File](#)

**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
Governing Body	08-Mar-2021

**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	27-Feb-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)	Our Institute has Management Information System i.e. PCAP PACT softwares. PCAP aims at immediate availability of data in required formats ease the work of staff and management and increase in transparency and accountability in administration. Key Features of PCAP are Internet or Intranet enabled Application, user levels with Access Rights for Data Security, Course/Batch/Category/Student Fee Dues Reports. Tracks Performance of Scholarship Students, Fee/Attendance Reminders and Progress Reports, Attendance, Marks Analysis, Integration with Attendance Capturing Devices, Accounts Module similar to Tally, Payroll Integrated Staff Module, Barcode Integrated Library Module, Log in for Students/Parents to access data online, Online Fee Payment facility for students. PACT software is for indenting of chemicals, glassware, equipment, furniture, etc are computerized through this software. Not only this all financial data management like salaries, receipts and payments, income and expenditure, research grants, trial balance, balance sheet, inventory, etc. Were performed using this software.

## Part B

### **CRITERION I – CURRICULAR ASPECTS**

#### **1.1 – Curriculum Planning and Implementation**

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

**Response:** The curriculum recommended by the JNTUH is followed strictly. Apart from this prescribed curriculum, the Institute has planned ways and means to strengthen the teaching-learning process. The curriculum preparation and execution is carried out in a systematic manner. Preparation of Academic Plan: Every year the institute IQAC Committee prepares academic calendar according to

academic calendar prescribed by the university. Library books up gradation: The Institute Library is recommended to keep the required textbooks, reference books and e-journals for each upcoming academic year. Subject Allocation: Subjects are allocated to the faculty members based on their experience and preferences by the head of department and approved by the head of the institution. Timetable Preparation: Class-wise timetables include time slots for the tutorial hours, library and sports are prepared by the time table incharge. In addition, timetables reflect each faculty member's workload. Design and Dissemination of Course Plan: Each faculty member prepares a micro level teaching plan to be used for each subject, including the textbook(s), reference book(s), and other relevant sources. It also covers the subjects to be studied beyond the programme, which is then disseminated to the concerned students after the approval of head of the institution. Preparation of Course file: Each faculty member prepares the course file which includes the time table, micro level teaching plan, course outcomes, mapping of course outcomes with program outcomes & program specific outcomes, attainment levels and targets, identified curriculum gaps, handouts, previous question papers and previous performances. After the completion of the semester, it is updated with analysis of students' feedback, attainment of COs, POs & PSOs and Justifications for nonattainment of COs, POs and PSOs (if any). Content Delivery: In addition to the conventional lecture method, modern and innovative teaching techniques are adopted to deliver the content. The use of learning process techniques such as peer learning, collective learning, group discussion, quizzes, etc., promotes the active participation of students. Reviews: Periodical review on the coverage of syllabus and regularity of the students is performed by the Academic Coordinator. The class incharge reviews the coverage of syllabus and suggestions are invited for the improvement of teaching-learning process. Assessments: As per the regulations of the affiliated university, the assessment is in two ways: 1. Internal Assessment (25 Marks): There are two internal assessment tests, the first one after eight weeks of the commencement of the semester and the second at the end of the class work, i.e., after sixteen weeks as per the academic calendar. The internal assessment includes descriptive test for 10 Marks, objective test for 10 Marks and assignment for 5 Marks. The descriptive question papers and assignment papers include course outcomes and bloom's taxonomy levels. 2. External Assessment (75 Marks): The external assessment is based on the semester end examinations conducted by the university

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Hands on training in HPLC	Nil	29/07/2019	7	Employability	To know the techniques involved and handling of HPLC in qualitative and quantitative analysis of drugs.
Leadership quality and Management skills	Nil	13/08/2019	7	Entrepreneurship	Understanding their ability to devise

Cell culture techniques in anti-cancer drug delivery	Nil	30/12/2019	7	Employability	strategy, innovate, and manage organizations To understand the Morden biomedical research and its importance in insilico cancer studies
--	-----	------------	---	---------------	--

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		
No file uploaded.		

### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BPharm	UG First Semester	15/07/2019
MPharm	PG First Semester	26/08/2019
BPharm	UG Second Semester	16/12/2019
MPharm	PG Second Semester	27/01/2020

### 1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	60	Nil

## 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
Pharmaceutical Marketing skill development	22/07/2019	45
Personality development	26/08/2019	60
<a href="#">View File</a>		

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

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BPharm	B. Pharmacy (Field Projects)	90
MPharm	M. Pharmacy	6



(Internships)

[View File](#)

## 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

Feedback from various stakeholders, such as students, alumni, faculty and employers, is obtained by the institution on curriculum aspects and courses. For every academic year, VIPER reviews the curriculum based on suggestions given by stakeholders. The college holds an annual Alumni Gathering in which suggestions and feedback is received from Alumni students. Whenever any alumni visit the college, feedback is taken. Feedback from industrial management, R D establishments and professionals is also taken. The provided feedback data is presented in IQAC for necessary action to implement to the extent they are viable. We have arranged more number of guest lectures through eminent personalities from various industries institutions, add on courses were implemented which would augment the industry demand CRT classes were also arranged by the experts from industry for the students based on the feedback taken from alumni. Faculty and students are encouraged to publish articles in peer reviewed journals.

## 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
BPharm	UG	100	120	100
MPharm	Pharmaceutics	15	15	10
MPharm	Pharmaceutical Analysis	15	15	12

[View File](#)

### 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	100	22	33	6	6

## 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
39	32	7	7	7	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)

Yes. Students from each class are being allotted to different mentors. A mentor book for each student is maintained by the mentor. The details of the student like personal details, academic credentials, counselling details, action taken on their problems, etc are recorded in the book. They advise them on their personal, professional and study related problems. Individual attention is given to students for project work, training programmes, providing information on career opportunities, helping students who feel difficulties in learning, solving personal issues and also providing facilities to boost social relationships. We maintain progress report to assess their performance and they are sent to their parents for their kind information. A total of approximately 400 students will be there in B.Pharmacy. All of them will be allotted to the concerned faculty. Approximately 3-4 students from each class are allotted to each faculty. Mentoring will be done once in every month. During pandemic, counselling of students has been done by conducting online mentoring. We could collect their responses and record their feedback also.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
379	39	1:10

## 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
4	4	Nil	4	Nil

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
2020	Dr. K. Vanitha	Associate Professor	Dr. Abdul kalam Innovation award

[View File](#)

## 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
BPharm	I Year	I	22/01/2020	16/03/2020

BPharm	II Year	1	10/12/2019	16/02/2020
BPharm	III Year	1	11/12/2019	15/02/2020
BPharm	IV Year	1	12/12/2019	07/02/2020
MPharm	I Year Pharmaceutics	1	25/01/2020	20/03/2020
MPharm	I Year Ph.Analysis	1	25/01/2020	20/03/2020
BPharm	IYear	2	01/12/2020	Null
BPharm	II Year	2	28/11/2020	Null
BPharm	III Year	2	27/11/2020	Null
BPharm	IV Year	2	27/09/2020	01/11/2020

[View File](#)

#### 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The institute has taken efforts to improve the performance of students by framing significant reforms in Continuous Internal evaluation at the institutional level .The reforms are as follows: 1. Pre-final exams are conducted prior to University Exams based on number of preparation holidays given by the university. 2. Assignment topics are given to students so that they can refer to various books, journals and internet sources to obtain information. In this process, they will get to know how to collect Literature. 3. Many soft ware tools like Google forms, Ms Teams, Webex and Zoom were used to make students learn effectively as part of an innovative learning process. 4. After mid examinations, Progress reports are sent to parents to make them aware of their wards' progress in college. The Parents-Teachers meeting is conducted to discuss about the performance of the student ,feedback of parents will be recorded and considered for betterment of the system. 5. Regular monitoring of each student is done where guidance is provided on academic as well as personal issues which may distract student from concentrating on studies. 6. Poor performance due to frequent absenteeism is dealt by sending registered letters to the parents of such students. 7. Question paper pattern is modified where Course outcomes number, blooms taxonomy, Program outcomes number are added.This pattern is followed for both theory and practical for both internal(T/P) and external examinations(P) 8. Internal assessment marks will be added to internal practical marks based on marks obtained viva every week(Lab) ,regularity to lab and performance in lab.

#### 2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The University provides an academic calendar in the beginning of every academic year. We modify that calendar slightly by including institutional activities and prepare a new calendar. We follow that calendar. It includes the dates for the commencement of classes for each semester, Sessional exam dates, external practical exam dates, closing date of the semester and college celebrations. The college strictly adheres to the exam dates prescribed by the JNTUH.

### 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://www.viper.ac.in/about#viper>

#### 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
I/II	BPharm	Pharmacy	98	60	61.22
II/II	BPharm	Pharmacy	93	56	60.21
III/II	BPharm	Pharmacy	95	42	44.21
IV/II	BPharm	Pharmacy	90	81	90
I/I	MPharm	Ph. Analysis	12	10	83.33
I/I	MPharm	Pharmaceutics	9	6	66.6
I/I	BPharm	Pharmacy	90	81	69.23
II/I	BPharm	Pharmacy	95	61	64.21
III/I	BPharm	Pharmacy	93	81	87.09
IV/I	BPharm	Pharmacy	97	63	64.94
<a href="#">View File</a>					

## 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)

<http://www.viper.ac.in/iiga/about-igac>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

3.1.1 – 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
Interdisciplinary Projects	365	Chemiloids Life Sciences Private Limited	1.5	0.5
Interdisciplinary Projects	1095	Virkow Biotech Pvt Ltd	2.5	0.5
Interdisciplinary Projects	730	BOGAR Laboriaties	1.75	0.45
Minor Projects	365	AICTE	1.45	1.45
Minor Projects	365	UBA	1	1
Minor Projects	1095	ICMR	13.95	3.41
Minor Projects	1095	ICMR	13.95	1.92
Major Projects	1095	DST	77.86	60.99
Major	1095	SERB	26.98	6

Projects				
Major Projects	1095	DBT	24.75	4
<a href="#">View File</a>				

### 3.2 – Innovation Ecosystem

3.2.1 – 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
Drug development and clinical Pharmacy Challenges and opportunities in transforming Pharma industry	Pharmacy	17/02/2020
A conference on 3D Printing Technology in dosage form design and drug delivery	Pharmaceutics	09/02/2020
Modern Analytical tools: Applications of RP-HPLC in Pharmaceutical Research	Pharmaceutical Analysis	05/11/2019

3.2.2 – 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
Dr. APJ Abdulkalam Award	Dr. K. Vanitha	Dr. Kalam Innovation Festival	27/02/2020	Innovation
<a href="#">View File</a>				

3.2.3 – 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
No Data Entered/Not Applicable !!!					
No file uploaded.					

### 3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
	1	6

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Pharmaceutics	1
Pharmacognosy	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
------	------------	-----------------------	--------------------------------

National	Pharmacy	1	0.75
International	Pharmacy	7	1.56
<a href="#">View File</a>			

3.3.4 – 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	14
<a href="#">View File</a>	

3.3.5 – 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
Formulation and Evaluation of Mouth Dissolving Film of Rizatriptan Benzoate	B. P. Alta	World Journal of Pharmacy and Pharmaceutical Sciences	2019	0	Vishnu Institute of Pharmaceutical Education and Research, Narsapur, India	Nil
Phytochemical Screening and In vitro Antioxidant activity of senna occidentalis	J. Hima Bindhu	Research journal of Pharmacy and Technology	2019	0	Vishnu Institute of Pharmaceutical Education and Research, Narsapur, India	Nil
Evaluation of In vitro Antiurolithitic activity of Clerodendrum inerme	J. Hima Bindhu	World Journal of Gastroenterology, Hepatology and Endoscopy	2019	0	Vishnu Institute of Pharmaceutical Education and Research, Narsapur, India	Nil
Preparation and evaluation of starch-PEG 1500 coprocessed excipients as a new directly c	B. Lakshmi satya	World Journal of Pharmacy and Pharmaceutical Sciences	2019	0	Vishnu Institute of Pharmaceutical Education and Research, Narsapur, India	Nil

Compressible vehicle in tablet formulation						
Comparative evaluation of branded and generic products of Metformin tablets	B. Lakshmi satya	World Journal of Pharmaceutical research	2019	0	Vishnu Institute of Pharmaceutical Education and Research, Narsapur, India	Nil
Phytochemical Screening and In vitro Antioxidant activity of senna occidentalis	Dr. K. R amanjaneyulu	Research journal of Pharmacy and Technology	2019	0	Vishnu Institute of Pharmaceutical Education and Research, Narsapur, India	Nil
Evaluation of In vitro Antiurolithitic activity of Clerodendrum inerme	Dr. K. R amanjaneyulu	World Journal of Gastroenterology, Hepatology and Endoscopy	2019	0	Vishnu Institute of Pharmaceutical Education and Research, Narsapur, India	Nil
Respirocytes: A boon to Artificial Red Blood Cells	Dr. K. Vanitha	World Journal of Pharmacy and Pharmaceutical Sciences	2019	0	Vishnu Institute of Pharmaceutical Education and Research, Narsapur, India	Nil
Formulation and Evaluation of Sodium Valproate and valproic acid extended release tablets	Dr. K. Vanitha	Research Journal of Pharmaceutical Dosage Forms and Technology	2019	0	Vishnu Institute of Pharmaceutical Education and Research, Narsapur, India	Nil
Novel 2, 4-disubsti	Dr. VVS Rajendra	Computational	2019	8	Vishnu Institute	2

tuted quinazolines as cytotoxic agents and JAK2 inhibitors: Synthesis, in vitro evaluation and molecular dynamic studies	Prasad	Biology and Chemistry			of Pharmaceutical Education and Research, Narsapur, India
--	--------	-----------------------	--	--	---

[View File](#)

3.3.6 – 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
Synthesis and Biological Potentials of 5-aryl-N-[4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2-amines	Dr.Surender Singh Jadav	Letters in Organic Chemistry	2020	15	1	Vishnu Institute of Pharmaceutical Education and Research, Narsapur, India
Synthesis cytotoxic evaluation and molecular docking studies of N-(7-hydroxy-4-methyl-2-oxoquinolin-1(2H)-yl) acetamide/benzamide analogues	G. Narayana Murthy	Letters in Drug Design and Discovery	2019	2	2	Vishnu Institute of Pharmaceutical Education and Research, Narsapur, India
A review on HCV inhibitors: Significance of non-structural	G. Narayana Murthy	European Journal of Medicinal Chemistry	2019	2	2	Vishnu Institute of Pharmaceutical Education and



polyproteins						Research, Narsapur, India
Phytochemical Screening and In vitro Antioxidant activity of senna occidentalis	Hima Bindhu	Research journal of Pharmacy and Technology	2019	Nil	Nil	Vishnu Institute of Pharmaceutical Education and Research, Narsapur, India
2-Mercapto Benzthiazole Coupled Benzyl Triazoles as New COX-2 Inhibitors: Design, Synthesis, Biological Testing and Molecular Modeling Studies	Dr. Suren der Singh Jadav	ChemistrySelect	2019	15	1	Vishnu Institute of Pharmaceutical Education and Research, Narsapur, India
Phytochemical Screening and In vitro Antioxidant activity of senna occidentalis	Dr. K. R amanjaneyulu	Research journal of Pharmacy and Technology	2019	Nil	Nil	Vishnu Institute of Pharmaceutical Education and Research, Narsapur, India
Design, synthesis, and biological evaluation of chalcone-linked thiazole-imidazopyridine derivatives as anticancer agents	Dr. A. Ramesh	Medicinal Chemistry Research	2020	Nil	Nil	Vishnu Institute of Pharmaceutical Education and Research, Narsapur, India
Structure-based discovery	Dr. Ramesh Alluri	Journal of Molecular	2020	Nil	Nil	Vishnu Institute of Pharmac

of small molecule APC-Asef interaction inhibitors : In silico approaches and molecular dynamics simulations		Modeling				eutical Education and Research, Narsapur, India
Synthesis and Biological Potentials of 5-aryl-N-[4-(trifluoromethyl)phenyl]-1,3,4-oxadiazol-2-amines	Dr.Suren der Singh Jadav	Letters in Organic Chemistry	2020	15	1	Vishnu Institute of Pharmaceutical Education and Research, Narsapur, India
Novel 2,4-disubstituted quinazolines as cytotoxic agents and JAK2 inhibitors: Synthesis, in vitro evaluation and molecular dynamic studies	Dr. VVS Rajendra Prasad	Computational Biology and Chemistry	2019	8	4	Vishnu Institute of Pharmaceutical Education and Research, Narsapur, India

[View File](#)

### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	3	5	Nill	Nill
Presented papers	1	2	Nill	Nill
Resource persons	Nill	2	Nill	Nill

[View File](#)

### 3.4 – Extension Activities

3.4.1 – 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
Blood donation camp	Red cross society and NSS	4	20
<a href="#">View File</a>			

3.4.2 – 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
Industry Institute linkage	Best Institute industry linkage award	AICTE-CII	44
Education	Best Educational Society	IMC-Ramakrishna Bajaj	400
Innovation	Four Star rating	MHRD	78
voting awareness campaign	Best Institute	MHRD	430
<a href="#">View File</a>			

3.4.3 – 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/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Hospital training	Narsapur Government Hospital	Hospital training (2017 batch)	2	30
<a href="#">View File</a>				

### 3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Discovery and Development of Anti-inflammatory Agents from Natural Products	Dr Sreenath (Chemloid Pvt Ltd) DrVVS Rajendra Prasad Dr.A.Ramesh	Chemiloids Life Sciences Private Limited	365
Developments of Quinolones as anticancer agents	Dr.B.Ramesh DrVVS Rajendra Prasad Dr Ramanjaneyulu	BOGAR LABORATORIES	90
Formulation and evaluation of Novel edible jellies	Dr.K.Vanitha	Suraksha Pharmaceuticals	730
Formulation Development and Evaluation of DOXOFYLLINE	Dr.S.Dinesh Mohan	LEADS PHARMA	730

parenterals

[View File](#)

3.5.2 – 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
Internship	Internship for M.Pharm	Hetero Pharma	01/10/2019	30/06/2020	STUDENT
Internship	Internship for M.Pharm	Pellets Pharma Ltd	01/10/2019	30/06/2020	STUDENT
Internship	Internship for M.Pharm	Mylan Laboratories	01/10/2019	30/06/2020	STUDENT
Internship	Internship for M.Pharm	Crenza Pharmaceuticals	01/10/2019	30/06/2020	STUDENT
Internship	Internship for M.Pharm	Pellets Pharma Ltd	01/10/2019	30/06/2020	STUDENT
Internship	Internship for M.Pharm	Pellets Pharma Ltd	01/10/2019	30/06/2020	STUDENT

[View File](#)

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Chemiloids Life Sciences Private Limited, Vijayawada, AP	21/08/2019	Discovery and Development of Anti-inflammatory Agents from Natural Products	9

[View File](#)

## 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
34950500	32335584

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar halls with ICT facilities	Existing

Video Centre	Existing
Classrooms with LCD facilities	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
<a href="#">View File</a>	

#### 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
PCAP	Fully	2.0	2012

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	9055	1600549	206	111751	9261	1712300
Reference Books	1270	1168720	85	42457	1355	1211177
e-Books	255	Nill	100	Nill	355	Nill
Journals	316	616482	37	79189	353	695671
e-Journals	599	599479	200	13570	799	613049
CD & Video	393	Nill	Nill	Nill	393	Nill
<a href="#">View File</a>						

##### 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
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

#### 4.3 – IT Infrastructure

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

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwidt h (MBPS/ GBPS)	Others
Existin g	88	38	20	2	2	6	9	20	0

Added	5	2	10	0	0	0	0	10	0
Total	93	40	30	2	2	6	9	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
<b>No Data Entered/Not Applicable !!!</b>	

#### 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
33300500	31159871	1650000	1176114

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, provide link)

**Physical facilities:** The college ensures optimum allocation and utilization of available financial resources for the operation and improvement of various facilities by holding regular meetings of various committees formed for this purpose and using the grants obtained by the college in the interest of students as per the requirements. **Laboratory:** • There will be an in-charge for each department, who maintains the stock register by physically verifying the items throughout the year. • A record will be maintained by lab technicians/Lab in charges and supervised by HODs of the respective departments. • Department wise annual stock verification will be done by concerned Head of the Department /Principal. • The calibration, repairing and maintenance of sophisticated lab equipments are done by the technicians of manufacturer. **Library:** • A provision of the budget for the library maintenance is made by the college management. • The required list of books will be collected from the respective faculty and checked by the HODs. The finalized list of required books is duly approved and signed by the Principal. • Open access journals are available. • The maintenance of the reading room and stock verification of library books is done regularly by library staff. • No dues certificate will be issued to the students and staff only when they surrender the library cards and library books resp. • Every year in the beginning of semester, students are insisted to register themselves in library to use SWAYAM. • The proper account of visitors (students and staff) on daily basis is maintained. **Sports Complex:** • Sports and Games is an internal part of the college and coaches are available for the students. • Adequate infrastructure of this department consisting of the Indoor Badminton Hall and the 400 meter running track along with the cricket ground which can be used by student and staff which is located in BVRIT, Narsapur (opposite to VIPER). • Regarding the maintenance of sports equipment the college sports in charge is deputed. **Computers:** • Centralized computer laboratory is established to enrich the students. • The college has adequate number of the computers with internet connections and the utility of software's distributed in different localities like office, laboratories, library, departments etc. • Computers are connected in LAN and are open for the students. The computers in office, library and staff rooms are also connected through the LAN consist of the office software making work easier and

systematic. • Internet and WiFi Enabled campus. • Regular maintenance of Computer Laboratory is done by Laboratory Assistant along with Laboratory attendant and they are headed by the faculty in-charge. • Outsourcing is done for maintenance of IT infrastructure such as computers, internet facilities including Wi-Fi and broadband. Classrooms: • The college has various committees for maintenance of infrastructure. • At the departmental level, HODs submit their requirements to the Principal regarding classroom furniture and others. •Administrative officer will take in charge for student's academic requirements. • Suggestion box is installed inside the reading room to take users feedback. Classrooms:

## 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	BV Raju Scholarship Fee Concession	7	218400
Financial Support from Other Sources			
a) National	Fee Reimbursement	243	11776800
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
Student mentoring	08/08/2019	378	Self
Language lab	20/08/2019	100	Self
Remedial classes	23/07/2019	100	Self
<a href="#">View File</a>			

#### 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	Campus Recruitment Training (CRT)	Nil	40	Nil	40
2019	GPAT-NIPER coaching	40	Nil	9	Nil
<a href="#">View File</a>					

#### 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
2	2	15

## 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
Endling Conferences Private Limited	35	13	Pellets Pharma Limited	8	2
<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	1	B. Pharmacy	B. Pharmacy	Jawaharlal Nehru Technological University Hyderabad	M. Pharmacy
2020	1	B. Pharmacy	B. Pharmacy	National Institute of Pharmaceutical Education And Research (NIPER) -Ahmedabad	MS
2020	4	B. Pharmacy	B. Pharmacy	ANURAG UNIVERSITY	Pharm D (PB)
2020	1	B. Pharmacy	B. Pharmacy	ICBM SCHOOL OF BUSINESS	MBA
2020	1	B. Pharmacy	B. Pharmacy	Gokaraju Rangaraju College of Pharmacy	M. Pharmacy
2020	4	B. Pharmacy	B. Pharmacy	CMR College Of Pharmacy	M. Pharmacy
2020	2	B. Pharmacy	B. Pharmacy	National Institute of Pharmaceutical Education And Research (NIPER)	MS



				-MOHALI	
2020	13	B. Pharmacy	B. Pharmacy	Vishnu Institute of Pharmaceutical Education and Research	M. Pharmacy
2020	1	B. Pharmacy	B. Pharmacy	MNR COLLEGE OF PHARMACY	M. Pharmacy
2020	1	B. Pharmacy	B. Pharmacy	University of Massachusetts Lowell	MS
<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
GATE	9
TOFEL	4
Any Other	8
<a href="#">View File</a>	

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

Activity	Level	Number of Participants
Best Library User	Institution level	200
Running Race	Institution level	20
Shuttle	Institution level	30
Carroms	Institution level	30
Volleyball	Institution level	30
Throw ball	Institution level	32
Kho-Kho	Institution level	20
Kabaddi	Institution level	34
Cricket	Institution level	48
Vishnu Cup	Inter Institution	200
<a href="#">View File</a>		

### 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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	XPRESSION RJ HUNT IIIMT E-TALENT	National	Nil	Nil	18DH1R0038	K. Vishala
<a href="#">View File</a>						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Student council is formed in every academic year by selecting active students from both UG and PG. Members will be selected based on active participation of nominated members in college. Principal along with HODs and faculty will take decision in finalizing the members. These students are gathered to discuss, plan and execute any activity which is to be held in the college. It consists of the following members: President, Vice-President, Secretary and General secretary, Student Welfare Secretary, Community Service Secretary, Academic Affairs, Secretary Advertising Promotion, Cultural secretary, Sports secretary, Anti-Ragging, Inaugural Committee along with members working under them and Class Representatives from each class. All the members of the council contribute for smooth running of academic as well as extra-curricular activities in college. They play an active role in enhancing student involvement in college activities and thus facilitate inclusive education and in transforming the institution as a centre of excellence. The student members give ideas and suggestions to enhance the quality of student life and to encourage their participation in meetings/sessions. The Student Council members disseminate information to the students on the various support services available in the college are shared. Opinions, suggestions and feedback of the students are taken into consideration. Regular interactions with students and class representatives by the HODs and class in-charges, the information pertaining to student support services available in the campus are shared. Following are some of the initiatives of student council:

- To promote overall development (academic, professional and individual) of students by engaging them in various activities relating to sports, cultural and profession.
- To create a co-operative culture amongst the students and to enhance their leadership skills.
- Organize various programs at intra and intercollegiate level.
- Student Clubs
- Interact with each other and share the common platform.
- To promote the image of the institute by highlighting its effective contribution towards the society.
- To organize various co-curricular activities like blood donation camp, tree plantation, celebration of republic day, Independence day, teachers day, pharmacist day, traditional day, health camps, Krishna astami, ganesh chatruthi and many more.
- Propagate the information about national level dance and quiz competitions, Organization of seminars, workshop on social media like Facebook, WhatsApp.
- Academic problems are addressed to the principal office through the student council.

## 5.4 – Alumni Engagement

### 5.4.1 – Whether the institution has registered Alumni Association?

Yes

Our institution has registered alumni association. It aims at working for an all time interaction and feeling of fraternity among alumni of the institute. Every academic year alumni meet is conducted and periodically alumni visit the institution. During alumni meet, we take feedback from alumni on overall facilities, institution development, placements, industrial visits, etc. Based on feedback report given by alumni, we have arranged more number of guest lectures through eminent personalities from various industries institutions, add on courses were implemented which would augment the industry demand CRT classes were also arranged by the experts from industry for the students. During their visit they deliver a guest lecture or interact with the students, share their experiences and also provide career guidance. The alumni of our college have found and will keep on finding positions in institutions of National International repute and the association being a platform for mutual awareness among all. They are well placed in many pharmaceutical industries and academia and they hold key positions in the organizations. Well established

alumni help in availing placement and training/ internships to our students. The major part of the placement and training provision is availed through our alumni. Few of the alumni have become successful entrepreneurs. They are helping us with regard to industry institution interactions such as internships, training and placement.

5.4.2 – No. of enrolled Alumni:

60

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

25000

5.4.4 – Meetings/activities organized by Alumni Association :

11.01.2020

## **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)

**Decentralization:** The decentralized governance model is evident in every sphere as each department/faculty functions as a separate sub-unit, in deciding and implementing the student-centric programmes and activities. **Principal Level:** Principal is the member secretary of the governing body and chairperson of the IQAC the principal in consultation with the teachers council nominates different committees for planning and implementation of different academic administration and related policies all academic and operational policies are based on the unanimous decision of the governing body , the IQAC and teachers council. **Faculty Level:** Faculty members are selected in various committees nominated by teacher’s council in governing body, IQAC Examination, Research Cell, Purchase Committee, Cultural Extramural Activities, Maintenance committee, Grievance Redressal Cell, IQAC, Library, AntiRagging Committee,etc. The coordinators/incharges of each committee initiate and execute the tasks assigned to them by the management. Every year the composition of the committees is changed to ensure a uniform exposure of duties for academic and professional development of faculty. For each class two faculty will be selected as class incharges and they will monitor the students in all aspects. The incharges also coordinate with the subject incharges of their class and all together will ensure the development of students. Faculty from various departments are requested to present their Annual Action Plan which includes chemical, equipment requirements along with academic and research plans at the beginning of every academic year with a clear cut roadmap to deliver the same. **Student Level:** Student council is framed every year which consists of student president, Vice president, Secretary, Cultural secretary, Sports secretary and their council members respectively from all the classes. The student council members will take the lead role in organizing various events and activities in the college. Students with good academic background and communication skills will be selected in IQAC cell and various committees in the college. **Participative Management:** At our college, the Management is participative and regular meetings are convened amongst the Management members, Principal, faculty and the students. Once a year, Governing Body meeting will be held wherein all matters of importance, including the strategic ones are discussed with an equal opportunity for all the colleges in the society. The management gives suggestions and monitors the procurement, introduction of new programs and welfare activities based on the requirement. The Principal of the institution is responsible for academic, non-academic and administrative activities of the institution. On behalf of the institution, he interacts and

corresponds with AICTE, PCI, Govt. of Maharashtra, UGC, Affiliating University, etc., The matters at the department level are discussed by the HOD with the faculty team in consultation with the Principal. This gives the faculty an enormous sense of belonging and pride in the institution and this brings out the best in them. Office staffs are involved in executing day to day support services for both students and faculties. Student council members along with their peer students are involved in organizing various events, conferences and non-scholastic activities in the college which improves their communication skills, leadership qualities and can explore their talents.

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

Yes

## 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
Curriculum Development	Gathering information on latest technologies and forecasting the future needs of the industry. Besides the use of conventional method of teaching, various other teaching methods like PPT Presentations, software tools, assigning projects, giving assignments are used for effective curriculum implementation
Teaching and Learning	The following are the measures adopted by VIPER for enhancement of Teaching and Learning process: <ul style="list-style-type: none"> <li>• Orientation / Motivation Class</li> <li>• Micro-level teaching plan</li> <li>• Smart class rooms with LCD Facilities</li> <li>• Assignments</li> <li>• Co-curricular and Extra-curricular activities</li> <li>• Feedback on faculty and facilities by students</li> <li>• Conduct of workshops, technical symposiums etc.</li> <li>• Encouragement to attend workshops, technical symposiums etc.</li> <li>• Industrial visits</li> <li>• Internships ,MOUs ,Tutorials, Remedial Classes ,Guest Lectures</li> <li>• Counseling and Mentoring</li> </ul>
Examination and Evaluation	Conduct of examinations as per the academic calendar. Award of internal marks based on continuous evaluation of the student. Objective type Unit test is conducted prior to mid exams. Pre final exams were conducted before the final semester exams. Continuous evaluation by conducting quizzes, group discussions, seminars and assignments.
Research and Development	<ul style="list-style-type: none"> <li>• Dean RD encourages and monitors the research activities of faculty and students.</li> <li>• Encouraging faculty to register for Ph.D. by giving leave and financial assistance.</li> <li>• Providing financial assistance to faculty for</li> </ul>

presentation of research papers, attending conferences, workshops, etc. • Motivating the faculty and students by conducting workshops, seminars, and arranging guest lectures with experts from industrial and RD organizations. • Encouraging the students to do research oriented projects. • Providing the required resources like journals, internet, digital learning materials, PCs, software, etc. to carry out research. Society is implementing incentive policy to the staff for publications in referred journals, projects, books and patents

Library, ICT and Physical Infrastructure / Instrumentation

• Library-Purchasing the prescribed and reference text books as suggested by the subject experts and HODs. Subscribing for journals, e-journals of reputed publishers. Providing access to e-books and e-learning resources through digital library. • ICT- Installing computer system, LCD projector and public address system in the seminar hall and e-class rooms. Providing internet connectivity to the class rooms and seminar hall. Making the campus Wi-Fi enabled. Providing internet facility with sufficient 30Mbps bandwidth. • Infrastructure-Providing required class rooms, smart class rooms, tutorials, seminar halls with good academic ambiance. Providing required number of laboratories with research facilities. Providing required computational facilities with sufficient number of computer and peripherals. Providing the various amenities such as canteen, indoor and outdoor game facilities, medical centre, hostels, food courts, rest rooms.

Human Resource Management

Annual assessment of faculty is done through Faculty Self Appraisal. Performance  
 • Support and guidance is given for carrying research activities, presenting papers in conferences and publishing papers in reputed journals. • Faculty are motivated to send research proposals to various funding agencies.  
 • Faculty members are encouraged to apply for higher studies. • Faculty members are encouraged to participate in FDPs, Seminars and Workshops Organized by various Industries and Institutions

Industry Interaction / Collaboration

MOUs are signed with industries and

	universities for mutual benefit with the exchange of expertise. Guest lectures are being conducted for faculty and students with industrial experts, Professional bodies, academicians and Drug inspectors. Students are deputed to industry for internships and industrial visits. Students are placed in reputed pharma industries through campus placements.
Admission of Students	70 of the admissions are done by the Convener, EAMCET, Govt. of Telangana. Remaining 30 of the seats are filled by the Management based on the guidelines given by Govt. of Telangana.

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

E-governance area	Details
Planning and Development	We have Centralized information access from anywhere , Personalized login for each staff and students, Students can submit feedback to college through PCAP which makes extensive saving in time cost efforts
Administration	We use PACT and PCAP for an improved administration information and transaction services.
Finance and Accounts	We use PACT for maintaining financial data
Student Admission and Support	Students admissions are done through PCAP
Examination	We upload marks in the PCAP which is accessible to the students and parents

### 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
2020	K.SaiKrupa Raj	International conference on Innovations in Pharma Industry Education and Research	Anurag University	600
2020	G.Suryam	International conference on Innovations in Pharma Industry Education and Research	Anurag University	600

2020	Md.Faheemuddin	International conference on Innovations in Pharma Industry Education and Research	Anurag University	600
2020	Dr.K.Vanitha	Dr.Kalam Innovation Festival in Agriculture and Rural Development	Dr.Kalam Innovation Award	2000
2019	S.Srujana	Strategic Intervention to Raise Quality of Teaching and Learning	NBA	300
2019	T.Sandhya	Strategic Intervention to Raise Quality of Teaching and Learning	NBA	300
2019	Dr.K.Ramanjaneyulu	Patent Law for Engineers and scientists	SWAYAM	1000
2019	Dr.B.Jahnavi	2nd Pharmaceutical Sciences congress 2019	IACP	2500
2019	M.Sandhya Rani	2nd Pharmaceutical Sciences congress 2019	IACP	2500
2019	D.Santosha	First International Conference on current Research and Health care system	CRIHS	4000
<a href="#">View File</a>				

6.3.2 – Number of professional development / administrative training programmes organized by the College 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)
2019	FDP on Applications of CFD	Animal Handling	02/12/2019	15/12/2019	2	2

	at BVRIT, Narsapur					
2019	UBW	Instrument Handling	08/08/2019	08/08/2019	5	2
2019	IIT	Software Tools Appl ication	17/09/2019	19/09/2019	4	2
2019	UBW	Nil	21/10/2019	21/10/2019	4	Nil
2019	UBW	Nil	13/11/2019	13/11/2019	5	Nil
2020	IIT	Library Facilities	10/03/2020	12/03/2020	3	2
2020	Voice Webinar	Nil	24/06/2020	24/06/2020	4	Nil
2020	Voice Webinar	Nil	26/06/2020	26/06/2020	5	Nil

[View File](#)

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
Recent Updates in pharmacy Practise	1	25/06/2020	30/06/2020	6
Drug Discovery and development	1	22/06/2020	26/06/2020	5
OBE-NBA process	4	15/05/2020	19/05/2020	5
Skills for new educational Architecture	1	06/02/2020	07/02/2020	2
Current Trends in Pharmaceutical Industry	1	02/01/2020	01/04/2020	120
Road map for Patent creation on SWAYAM	2	02/01/2020	01/04/2020	120
Industry oriented Faculty Development Programme	2	06/12/2019	08/12/2019	3

[View File](#)



6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
4	Nil	Nil	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>EPF facility, Insurance cover for family under Mediclaim, 12 Casual Leaves (issued on monthly basis) • 10 Earned Leaves (issued as two slots per year) Concession in school fee, Incentives were given to staff who published articles in reputed journals, provided staff quarters .</p>	<p>EPF facility. • ESI scheme • 12 Causal Leaves. Concession in school fee • Insurance cover for Health under Mediclaim Provided with staff quarters.</p>	<p>Offering scholarships by the college management to poor and merit students to encourage them and reduce their financial burden Transport fee concession will provided based on the financial back ground. • Earn while learn scheme for the merit students to work in library after college hours. • During annual day celebrations bright students in the class from each year, who excelled their performance in academics and extracurricular activities, and the student with more number of publications in scientific journals and students those who excel in sports in various state level competitions are awarded by providing books, electronic gadgets, and mementoes.</p>

**6.4 – Financial Management and Resource Mobilization**

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

Audit will be conducted in two forms that are statutory and internal audit. Internal audit is conducted by the accounts department and also Bhaskara and co. It will be done Quarterly. Statutory audit is conducted by Manohar and Venkat CA. The audit department will go through income and expenditure, stock, inventories, lab equipment, staff salaries, attendance, leave particulars, budget, inward out ward register, transport and fee details, library books and scholar ship details.

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
Management	1650490	RD
<a href="#">View File</a>		

## 6.4.3 – Total corpus fund generated

0

**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	No	Null	Yes	Self
Administrative	No	Null	Yes	Self

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

- Parent meetings once in a semester
- Parent feedback on academics, institution and facilities
- Sending progress reports to parents after mid examinations by register post
- Interaction with parents of slow learners

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

- Instrument handling
- Personality and skill development
- Animal handling and maintenance of animal house
- Updation of Library facilities. Application of software Tools

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

- Skill based learning student assessment methods were improved.
- Research collaborations were initiated with other organizations.
- Smart classrooms were increased

## 6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

## 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
2019	Workshop on Online interaction on self management skills (SMS)	20/05/2019	20/05/2019	20/05/2019	30
2019	Workshop on Online interaction on self management skills(SMS)	08/06/2019	08/06/2019	08/06/2019	30
2019	Employability skills Organized by TASK in association	16/12/2019	16/12/2019	23/12/2019	40

	with Tech Mahendra				
2019	Sessions conducted in association with TASK titled "Organizational Skills Interview Preparation Skills"	22/07/2019	22/07/2019	23/07/2019	75
2019	Conducted a workshop on "Modern Analytical tools: Applications of RP-HPLC in Pharmaceutical Research"	05/11/2019	05/11/2019	05/11/2019	325
2020	Workshop on "Writing Effective Research Proposals"	19/02/2020	19/02/2020	19/02/2020	23
2020	A workshop on "Design of Experiments" by Prof. Claire Komives, San Jose State University	20/02/2020	20/02/2020	20/02/2020	35
2020	Workshop on "Student learning in instructional design"	11/02/2020	11/02/2020	13/02/2020	3
2020	Workshop on "Immersive Instructional Technology (IIT) Program"	21/01/2020	21/01/2020	23/01/2020	3

[View File](#)

## 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)



2019	6	6	31/10/2019	6	Rashtriya Ektha Diwas (National unity day)	4	132
2019	Nill	Nill	12/12/2019	7	Unnat Bharat Abhiyaan survey	3	56
2020	Nill	Nill	08/01/2020	6	One Day College Level Workshop On Drug De-	6	31
2020	Nill	Nill	25/01/2020	3	National Voters Day Celebrations	1	80
2020	Nill	Nill	08/02/2020	4	Cancer awareness program in ZPHS High school	1	17
2020	Nill	Nill	11/03/2020	6	Blood Donation camp	1	58

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Gender sensitization :	05/02/2019	To enable students to understand gender discrimination based on stereotyping of male and female qualities.
Anti-ragging	07/03/2019	Anti-ragging committee and squad had done periodic checks in college premises and hostel. the committee interact with freshman periodically and ensure to respond immediately

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Unnat Bharat Abhiyaan survey	12/12/2019	12/12/2019	56

National Voters Day Celebrations	25/01/2020	25/01/2020	80
Cancer awareness program in ZPHS High school	08/02/2020	08/02/2020	17
Blood Donation Camp	11/03/2020	11/03/2020	58
<a href="#">View File</a>			

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

• Use of LED bulbs/ power efficient equipment
• Restricted entry of automobiles,
• Ban on use of Plastic
• Disabled-friendly washrooms
• Use of Bicycles/ Battery powered vehicles

**7.2 – Best Practices**

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE - I

1. Title of the Practice Drug information centre

2. Objectives of the Practice The objectives / intended outcomes of this “Drug information centre” and underlying Principles or concepts of this practice (in about 100 words)? The objectives of this practice are to provide unbiased, well referenced and critically evaluated information on every aspect of drug use to health care professionals, patients and consumers and to promote patient care through rational use of medicines. The drug information include complete monograph of drug, therapeutic indication, drug interactions (drug - drug interactions, Food - drug interactions), recommendations to health care professionals, patients and caregivers regarding correct administration, storage of medicines, dose, dosage form, route and duration of prescribed medicines and Safety of medicines during pregnancy, lactation, pediatric and geriatric population which leads to the rational use of drug.

3. The Context Challenging issues that needed to be addressed in designing and implementing Drug information centre (In about 150 words)? Physicians in addition to knowing a newly approved medication its indication, benefit, risks. They must also be keep up to date on emerging information about the side effects and adverse drug reactions drugs related information. Further, many patients doesn't have any idea about basic drug information such what drug they have been prescribed with, how it going work? Misuse of drugs leads to various problems such as side effects, ineffectiveness, overdose and even death. Health care providers could not share the information about the drugs to all patients as they will be busy inundated with information, many find it task daunting time consuming to explain the complex drug information to patients. Thus there is a definite need for a forum that can provide drug information to health care professionals on safe and effective medication-use.

4. The Practice Describe the practice and its uniqueness in the context of India higher education. What were the Constraints / limitations, if any, faced (in about 400 words)? The Drug information centre consists of well qualified people with knowledge in drug information. The DIC works on daily basis. It has exclusive phone line, e mail contacts, Pamphlets are published in local language and distributed to all community pharmacy and private and government hospitals in Narsapur through which any one can approach for any kind of drug information. The DIC will respond to each query in the next 12 working hrs and provides necessary information. If new drug information is required necessary information are collected and communicated to concern persons.

5. Evidence of Success Provide

evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words. Drug information centre has been able to penetrate into the world of medical professionals and society. We have documented DIC reports in a prescribed format. The documentation consists of about the enquirer details, its enquiry, time of receiving and delivery of information, detailed information provided and references utilized to solve the drug related query. The information is solved by our young graduate pharmacy students checked and countersigned by a supervisor for its authenticity and appropriateness. Perform a follow-up assessment to determine the utility of the information provided and whether the information resulted in changes in medication- use practices or patient outcomes.

6. Problems Encountered and Resources Required Please identify the problems encountered and resources required to implement the practice (in about 150 words). Pharmacists should document their services to demonstrate accountability and justify the value of pharmacist care. Increased availability of medical information, both due to increased knowledge and technological advances, has not changed the overall process of Drug information practice. It is important for pharmacists to select appropriate resources and keep current on new literature and new tools to address a variety of DI requests. Initially while setting up the DIC resources were the major issue. However now the resources such as medical and pharmaceutical books, drug database (micromedex), Medline, ejournals access and various websites have been sufficient to address the queries successfully. We have been able to reach the medical professionals and community pharmacists through various continuing pharmacy education programs conducted by Telangana State Pharmacy Council, Narsapur community pharmacist association and IPA Narsapur branch. There is a need to motivate pharmacists to use such services frequently and spread the awareness in the society.

**BEST PRACTICE - II**

1. Title of the Practice Student Clubs

2. Objectives of the Practice The objectives / intended outcomes of this "Student Clubs" and underlying Principles or concepts of this practice (in about 100 words)? Clubs formed i.e literary club, Hogwarts club, humor club and photography club with an objective to develop habits of exploration and creative space for the future youth. It gives the students the opportunity to be in touch with recent advances in the chase of success ladder by having a sense of healthy competition among one another. It seemed very important to have interactive spaces for students enhancing their connectivity to build a more interactive environment for having the hear or say about current affairs from the academics to the talent they hold. Networking opportunities being major benefit Club members develop bond among themselves which help in growing their careers. Association of students with clubs help in showcasing ones domain interest, balance between work and hobbies.

3. The Context Challenging issues that needed to be addressed in designing and implementing Student Clubs (In about 150 words)? The formation of these clubs always aimed for the overall development of student's personality in precise to help them deal with what was on their way ahead including improving their interpersonal communication as well as the much required leadership skills. It helped the students imbibe the self-reliance, self-dependence and love for manual work by inculcative scientific attitude. The fact of having a club that focused mainly on the scientific growth among the students was as they say every simple thing is related to the world science, developing students practical application of the knowledge piled up related to different branches of science.

4. The Practice Describe the practice and its uniqueness in the context of India higher education. What were the Constraints / limitations, if any, faced (in about 400 words)? The statistics of students participating in several events from scientific ones to cultural has shown a rise immensely these activities included elocutions, debates, seminars, cultural competitions etc. It imbibed the sense of responsibility among the students from participating, conducting as well organizing the events securing their thumbnail by showing results.

Publishing articles to maintaining a bulletin board among the activities held students evolved. The value of Time management was the foremost skill that was inculcated by participating such activities. Having said that the growth lead to the increase in the participations it eventually created an environment of team work helping them stand out from the rest of the crowd .Just to keep all the chaos behind the humor club were the fascinating ones as they say it takes not even a penny to make someone smile but to the know the exact emotions it takes a good one. The photography club on the other hand was handled by professionals who made sure the talent behind the club was polished enough to give them the courage to know the right balance of the talent they hold to be used for which numerous competitions were held among the team eventually rewarding them for their best work was a pleasure. All of this could only be possible if an Institute believes in student's growth Intra personal skills to academics and to our greatest honour we have such supportive management. 5. Evidence of Success Provide evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words. Clubs plays a major during the various activities and events such as Induction day, Webinars, Scientific conferences, workshops, guest lectures, all cultural activities, and annual sports meet, annual day graduation day and so on at Vishnu Institute of Pharmaceutical Education Research (VIPER). The respective club members will be placed in various committees such as stage committee, publicity committee, creativity decorations committee, hospitality reception committee, registration committee, scientific committee cultural Committee and ensure all the events to be a great success. Photography club has active members who are very efficient and are always available to click pictures of all the events that happen at VIPER. They are always on their toes and cover all angles of the activities and all moments of Student life at campus. While this is their major forte, they plan to bring out creative videos too. 6. Problems Encountered and Resources Required Please identify the problems encountered and resources required to implement of students club (In about 150 words). The major issue that was been seen was tackling various personality clashes and building a collaboration with them . Making them understand the ideology and value of the whole formation of these clubs and to rather implement in the way the thought holds was

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

<http://www.viper.ac.in/academics/quality-education/innovations-in-teaching-and-learning>

### 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

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust Provide the weblink of the institution in not more than 500 words Sri Vishnu Educational Society has been established an Advanced Teacher Training Institute named as "Vishnu Educational Development and innovation Center" (VEDIC), at Aziz Nagar, Hyderabad, with an aim to conduct continuous education programmes and to help in their knowledge up gradation in (teaching learning research methodologies) from time to time. • In every month a selected group of teachers and students will be deputed to above centre from each of the colleges of SVES. The centre provides transportation, accommodation and boarding facilities free of cost to all the teachers. • The faculties trained at VEDIC as a part of IIT program is created a unique "Online teaching practice" by incorporating their knowledge via Edmodo, Google Class Room, and MS Office are the best examples by which students are getting benefited and being monitored by our faculty very



smoothly. • IIC -Institutional Innovation Centre (MHRD Initiative) is an special training cell for both students and faculty to improve their research and entrepreneurship skills. • UBA: UBA is another MHRD program under this program we adopted 5 villages Moosapet, Chennapur, Ibrahimbad, Avancha and Rusthumpet. • Hospital training to the students during vacation to improve their clinical and hospital pharmacy knowledge. Memorandum of Understandings - • Konkuk University, Department of Biotechnology on 3rd July 2019, South Korea • Boga R Laboratories (BRL) Kakinada, India, Suwanee, GA 30024. USA. • MoU is made and entered into on the 1st November 2019 with India Matters Foundation co presents the "Global Education n India and internationally, Government agencies and NGOs who share the vision that young Indians must be equipped with globally demanded skills, the knowledge and experience to be successful in the 21st century's Global Market Place. Consultancy projects- Suraksha - We are working in collaboration with Suraksha Pharma Ltd in the Formulation Evaluation of Natural Nanoedible Jellies. Boga R - In collaboration with Boga R, we are conducting anti-cancer screening of the small molecules. Career Guidance Cell: • The objective of career guidance cell is to provide assistance and advice to students to make them aware about their future career. • It aims at providing individual focus for students with different area of interest after their graduation. This would made by possible by farming different clubs based on the interest of the individual groups and their requirement like Higher studies club, Research and Development club and CRO club. • The institution has Computer aided drug design (CADD) facility with Academic Schrodinger Software• Gold software license from the Cambridge Crystallographic Data Centre (CCDC) is granted for one year in 2020. • The institute's computer laboratory is also equipped with open source molecular modelling tools such as Autodock and ACD Chems sketch. • The pharma faculties are utilising above facilities to explain drug-receptor interactions, QSAR studies, Pharmacophore Modeling and target identification to the students along with their

Provide the weblink of the institution

<http://www.viper.ac.in/igac/about-igac>

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

1. To conduct programs to improve management skills in the students 2. To improve industry-institute relationships to improve placements, MOUs, internships, industrial visits, etc. 3. To increase the number of extension programs and outreach programs to local community in collaboration with UBA and NSS 4. To improve research activities and quality of publications in peer reviewed journals. 5. To strengthen collaborations with Alumni in placements and in higher studies.