



# **SELF STUDY REPORT**

**FOR**

**2<sup>nd</sup> CYCLE OF ACCREDITATION**

## **VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH**

**VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH  
VISHNUPUR, NARSAPUR, MEDAK DISTRICT - 502 313 TELANGANA STATE**

**502313**

**[www.viper.ac.in](http://www.viper.ac.in)**

**Submitted To**

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

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# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

Vishnu Institute of Pharmaceutical Education & Research (VIPER) was established under the aegis of Sri Vishnu Educational Society (SVES) in the year 2007 inaugurated by His Excellency Dr. A.P.J. Abdul Kalam, Former President of India on 16th August 2007. The institute is affiliated to Jawaharlal Nehru Technological University, Hyderabad Telangana, and approved by the AICTE and PCI, New Delhi. With our strong national and international connections, the institute has earned a reputation as a premier institute offering B.Pharmacy (100) and M.Pharmacy in Pharmaceutics (15), Pharmaceutical Analysis (15), and Pharmacology (12). It is the only pharmaceutical educational institute in Telangana that has been accredited by both NBA and NAAC. The institution was ranked successfully 67th in India in NIRF Ranking 2022. As per the guidelines of innovation cell, MHRD, Government of INDIA, the institution has established an institution innovation council (IIC). Institution has been recognized by the DSIR under SIRO. The Institute for the 6th time to get platinum ranking in CII-AICTE survey. It is the first college in India to partner with Life Science Skill Sector Development Council (LSSSDC), the Institute has strong industrial relations. The institute has NDLI club registration certification from the National Digital Library in India Project at IIT Kharagpur.

The institute has well-equipped laboratories catering to the various interests of its researchers. Facilities include the Centre for Molecular and Cancer Research (CMCR), the Cognitive Science Laboratory, nutraceutical development facilities, and the Centre for Nanotechnology. Research grants from a variety of funding agencies demonstrate the faculty's strong research potential. Additionally, the institution is engaged in various industrial consulting projects and research resulted in publications in reputed journals and few of them were patented. The institute is well connected with WI-FI round the clock for the benefit of the students. We have a well-equipped air-conditioned seminar room with the latest technology to host national and international conferences, seminars, etc. Sports facilities and a spacious canteen are available at the college. Students and faculty have access to hygienically prepared food. Transportation and accommodation are provided for both students and faculty. As a health care institution, the institute is dedicated to providing quality education and empowering students to meet society's needs.

### Vision

It is our endeavor to impart best knowledge and practical skills to young pharmacy professionals who can contribute to the Healthcare Industry.

### Mission

To impart pharmaceutical care to the society by providing quality education and inculcating the moral and ethical values to the students

M1: Pharmaceutical care: To meet societal needs for safe and effective drug therapy by imparting advance knowledge, attitude and skills.

M2: Quality education: To provide quality education that effectively integrates outcome based, self-learning

strategies and leadership skills through practice and research.

M3: The moral and ethical values: Inculcate core ethical values and enable the students to reflect human values in the health sector.

## 1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

### Institutional Strength

- Social recognition in the region
- Proactive management
- An eco-friendly campus
- The institute has been certified by NBA, NAAC, DSIR, and NIRF at the 67 ranking level (2022)
- Adequate infrastructure including Smart class rooms, laboratory, sophisticated equipment, Centralized air conditioned auditorium and special laboratories for research activities.
- Most of the faculties are doctorates, experienced and published good number of research articles in peer reviewed journals and got patents. Faculty fetched research grants from various government agencies.
- Placement in eminent Pharmaceutical companies with good package
- The Institute has facilities for research, such as a Center for Molecular and Cancer Research, Cognitive Science laboratories, and a Center for Nanotechnology.
- Well established library with book bank facility, e-journals, e-books, software like Schrodinger, optimization, turnitin and automation facility
- Wi-Fi facility for whole campus with 20 Mbps speed internet facility
- Well established sports facilities
- Coaching for GPAT & Medical coding
- Mentoring system designed to meet the needs of students
- MoUs with well-known national and international organizations for collaborative research.
- COnsultancies with Industries.
- Adoption of villages under UBA.

### Institutional Weakness

- Being in a rural area, most of the students are from the surrounding area.
- Travel time from city (Hyderabad) is little lethargic.
- Lack of public transportation connectivity from various areas.

### Institutional Opportunity

- Encourage students to attend/organize more number of national and international seminars and workshops which develops communication skills and leadership qualities in students
- Establishing research and incubation centers for formulation development research, to upgrade qualification and strengthen entrepreneur and research activity
- Offering technical bridge courses like Pharmaceutical Engineering and Biomedical Engineering for the benefit of students.
- Offering one month hospital training to students in Narsapur Govt. Hospital.
- Integrated collabrative research with surrounding institutions.

## **Institutional Challenge**

- Attracting students from other states in India
- Despite being in a rural area, our institution had a reputation for having social connections to reputable industries. However, it is still possible to extend these connections.
- Autonomy in framing the effective and more practical based syllabus and blooms taxonomy based examination system.
- Creativity Research.

## **1.3 CRITERIA WISE SUMMARY**

### **Curricular Aspects**

In order to achieve the vision and mission of the Institute, we focus on creating, executing, and disseminating knowledge in the area of pharmaceutical sciences. The Institute offers an undergraduate B.Pharmacy program and a postgraduate M.Pharmacy program with three specializations: Pharmaceutics, Pharmaceutical Analysis, and Pharmacology affiliated to Jawaharlal Nehru Technological University, Hyderabad (JNTUH) which develops and updates the syllabus and examination pattern for both degrees. The institute follows the academic calendar prescribed by JNTUH, and introduced Choice based Credit System (CBCS) of PCI for both B.Pharm and M.Pharm programs as per guidelines of JNTUH. Our institute Internal Quality Assurance Cell (IQAC) meets periodically with teaching staff to review effectiveness of curriculum delivery. The curriculum promotes inter-disciplinary and inter-departmental training through conducted add-on/certificate/value-added courses in Molecular Docking Studies, Pharmacovigilance, Pharmaceutical Marketing skill development, and Employability skills etc. The curriculum has integrated various cross-cutting issues. In addition, the college has strengthened its efforts to address these issues through the following initiatives: gender-related issues, environmental and sustainability, human values, and professional ethics. Our institute celebrates world pharmacist's day/ world environment day/ world cancer day in every academic year. Students participate in industrial visits/training, research projects, and field trips as part of the curriculum. In order to improve the curriculum, we take students, teachers, alumni, and employers feedback.

### **Teaching-learning and Evaluation**

Students are admitted based on their merit and the Fee Reimbursement Scheme is applicable from Government of Telangana. EAMCET is the qualifying entrance examination through which students from the creamy layer are admitted and the institution also has learners from diverse areas. Student identification is done according to their progress in academics (I Mid exams and premid exams) and learning capabilities as slow learners and advanced learners. Inputs are also considered from mentors about their students' performance. Slow learners are given support in the tutorial classes and remedial classes, whereas advanced learners are encouraged to present Scientific Papers, Publish Research Articles in Journals. Students are also guided to appear for competitive exams like NIPER, GPAT, PGECET, GRE, TOEFL etc. We provide GPAT Training to students by deputing faculty from various institutions. All the students are given an opportunity to take part in peer training sessions like TASK where in skills are taught in developing communication skills, Medical coding and Pharmacovigilance. Which helps in placements. Simulation software enhanced laboratory classes, research projects, publications, industrial training, Industrial visits, Hospital training etc help to improve performance by the students when they step out of the institution at the end of the Graduation. The mentor is assigned to each

student for four years. Students are given individual attention by the faculty, nurturing and developing their analytical and creative abilities. Adherence to the academic calendar given by the University, Evaluation of the research projects of B.Pharm and M.Pharm students, internal assessment procedures, Framing of examination papers for internal Theory and Practical examinations are the criteria looked upon to build an effective teaching-learning system. Faculty members employ ICT tools to make their teaching interesting and effective; as well as to cope up with the pandemic Covid-19 situation where online teaching played an important role in refining their pedagogic skills using ICT. The management created VEDIC, a teaching training institute which made the staff ready on online platforms before COVID 19. This helped our staff to take efficient online classes during COVID 19 pandemic.

### **Research, Innovations and Extension**

Institution has a well-defined policy for research promotion and provides seed money to teachers for the promotion of research activities. Researchers have received financial support from government/non-government sources, such as industry, corporate houses, international bodies, and professional associations, during the last five years. The Institution enrolled JRF/SRF's and research fellows. A state-of-the-art research facility and specialized laboratories are available.

There are number of research projects per teacher funded by government/industries and non-government agencies. Through an incubation centre and entrepreneurship cell, the institution has created an ecosystem for innovation and entrepreneurship. The Institute has also conducted Workshops/seminars on IPR, Good Clinical Practice, Research Grant writing, and Industry-Academia Collaborations. The teachers/students have received recognition/awards for their innovations from recognized bodies. The Institution has a Code of Ethics for research; it offers incentives for teachers who receive national/international recognitions, awards, research publications, patents, books & research grants. Over the last five calendar years, the institute's departments produced a good number of Ph.D's and also published research papers in approved journals in Scopus/Web of Science with good citations. Several faculty members have published books/chapters in edited volumes and papers in National/International conference proceedings indexed in Scopus/WOS. It has a policy on IPR and consultancy that includes revenue sharing between the Institution and the individual, in addition to training and capacity building for teachers and students.

During the last five years, the Institution has engaged in Extension and Outreach activities, such as community health education, health camps, etc., in collaboration with industry, government/non-government organizations, including NSS/NCC/Red Cross/UBA, school clubs etc., and students actively participated in these activities. Additionally, the institution has engaged in social responsibility activities in the community, including education, environmental issues such as Swatch Bharath, health and hygiene awareness, provision of free/subsidized health service, and socio-economic development issues in collaboration with various departments, including the amount of expenditure incurred over the last five years.

The departments have also signed MoUs with institutions and industries in India and overseas for academic, clinical training /internship, on-the-job training, project work, student/faculty exchanges, collaborative research programmes. Which yielded good publications as outcome.

### **Infrastructure and Learning Resources**

Vishnu Institute of Pharmaceutical Education and Research is located at Narsapur, Medak. College is situated on 4 acres of land in a serene environment. College provides resources and infrastructure for academic excellence as well as pedagogical methods for teaching and learning.

The Institute has 13 spacious classrooms, 20 well-equipped laboratories, several special labs, a computing facility, a herbal garden, a drug museum, a seminar hall, green home and an animal house. Every department will have an in-charge who will maintain the stock register by physically verifying items throughout the year

UBA cell, NSS unit, and IPA local branch have all been established for students' all-around development. A distinctive residential campus established in our society with the vision of nurturing and empowering faculty, the Vishnu Educational Development and Innovation Centre (VEDIC)

By using the E CAP software, administrative tasks such as fee collection, transfer certificate issuance, and communicating with parents and staff are computerized. There are facilities for outdoor sports such as Athletics, Cricket, Football, Indoor Badminton, Volleyball, Basketball, Kho-kho, Shuttle, Kabaddi, Shot-put, Discus throw, track events, caroms, chess, table tennis and sophisticated Gym.

Most of the classrooms are enabled with ICT facility. The Library is located in the R.K.Venkatraman block of the campus with a total area of 150 sq.m. The digital library is equipped with 10 computers with internet facility and a bandwidth of 120 Mbps. Reference books can be studied in the library. Photocopier facility is available at Library. It has a vast collection of over 10786 volumes and 1431 titles and subscribes to 20 International, 19 National Journals, 393 e-journals & 10 Magazines. The total seating capacity of the library is 100. The library is partially automated with ECAP in 2012, Version 2.0.

### **Student Support and Progression**

The Institute has demonstrated its student-centric support through student councils, continuous feedback mechanisms, academic mentoring from teachers, and personalized counseling leading to overall personality development. The institute has initiated capability enhancement and skill development programs for the betterment of the students particularly from rural areas towards their career development like Digital language laboratory which is provided to improve communication and soft skills for students. To develop practical knowledge for their career path, the students got imparted training in various hospital pharmacy and industries. The students are motivated to attend training programs viz., CRT, workshops, and conferences to get updated on the current industrial technologies and innovations.

As one of our best practices, the Student Council Committee conducts co-curricular and extra-curricular activities by the committee members to develop leadership skills. Students participate in various college bodies such as Grievance Cells, Gender Sensitization Cells, Woman Development Cells, Anti-Ragging Cells, the institute aims to inculcate a sense of involvement, group behavior, and leadership qualities.

Academically weak and economically poor students receive additional support in order to meet their needs for their overall development and to provide exceptional facilities such as coaching for competitive exams (GPAT, NIPER), attending seminars, workshops, and using the book-bank. The Institute has organized on-campus and off-campus interviews with leading pharmaceutical industries. Training & Placement cell also motivate students for self-employment through various activities viz., interactions and guest lecturers of successful entrepreneurs of the institute foreign university admissions counselors and overseas admission consultants are invited to counsel students interested in studying abroad.

The Institute provides ample facilities for sports and cultural activities on campus to encourage physical development, as a part of which, our students organize cultural and sports meets every year at the national / state level and win medals and awards.

Alumni associations at the Institute provide a platform for passed out students and current batches for constructive outcomes including career and employment opportunities. Encourage freshmen and current students to develop their careers, act in a kind and nurturing way to build their profile at their alma mater, and assist in scientific, educational, extra-curricular, and development activities of the Institute. A well maintained 20 bedded hospital is built to cater the needs of students for health related issues round the clock.

### **Governance, Leadership and Management**

The Vishnu Institute of Pharmaceutical Education and Research has a well-defined Vision and Mission which includes Pharmaceutical care, Quality Education, Moral and Ethical values. Institution management plays a proactive role by setting Goals, targets providing support in all aspects of academic and scientific workouts. A Governing Body participates in decision-making and establishes the decentralized structure. All activities are planned, executed and monitored by the Principal. Institution has well qualified Teaching and supporting staff with a perfect administrative setup among them includes the different academic in charges as well as structured committees.

Every five years, the Institution prepares a well balanced Perspective Plan that is a powerful instrument for decision making, implementation, enhancement of the teaching learning process, and faculty empowerment. We have adopted Sri Vishnu Educational society's distinctive organogram and appointment procedures.

In 2013, the institution implemented E Governance in the areas of Administration, Finance and Accounts, Student Admission and Support, as well as Examinations through PACT and ECAP. In addition to implementing effective welfare measures for both Teaching and Non-Teaching faculty members, additional incentives will be provided based on their annual appraisal proforma, as well as financial support for faculty members attending Faculty Development programs, conferences, and workshops. We also conduct a number of professional development and training programs.

Audits of the institution's budget will be conducted by both internal and external auditors on a regular basis. Furthermore, the organization receives grants from non-government entities and philanthropists. In order to mobilize funds and utilize resources, the college has good strategies.

A quality assurance cell (IQAC) is established at VIPER for the purpose of improving Quality Education by organizing programs based on quality, collaborative work, and orientation programs for students. Additionally, the Institute is involved in NIRF Rankings, NBA Accreditation, ISO Certification, Green Audits, and other Quality Audits.

## **Institutional Values and Best Practices**

Through annual gender sensitization action plans and providing women's facilities, VIPER initiated various measures to promote gender equity. Concerning the safety and security of women the campus is equipped with CCTV surveillance and 24 x 7 well trained security guards stationed across the campus. Women's welfare committee Interacts with students periodically & responds to the issue immediately with necessary appropriate action. The Institute has facilities for common rooms and a Day care center for kids who are available on campus. In terms of environmental consciousness and sustainability, an institution has facilities for alternate sources of energy and Energy conservation images such as solar energy, wheeling to grid & Use of LED bulbs or Power efficient equipment.

The institution has facilities for the management of degradable and nondegradable wastes, including biomedical waste management and waste management provided by certified vendors. Water conservation facilities such as rainwater harvesting, Borewell, Construction of tanks and bunds, Waste water recycling, Maintenance of water bodies and distribution system on the campus are available. The institute bagged district green champion award winner which itself states regarding landscaping with trees and plants, plastic free campus, battery powered bicycles & restricted entry of automobiles. Institute conducts green audit, energy audit, environmental audit periodically. It has facilities that are accessible to the disabled.

The institution provides an inclusive environment for everyone through various sports events and cultural activities that promote harmony among students. Celebrated commemorate days to establish positive interaction between people of different racial and cultural backgrounds. Institute is committed to promote human values and professional ethics among students and faculty through various workshops and seminars with case studies. Institute has prescribed a code of conduct for students, teachers, the administrative staff which is displayed on website and followed by committee to monitor code of conduct and periodically awareness programs on code of conduct will be organized. Institute celebrates Various National and international Commemorate days, Events and festivals. The institute successfully implements various best practices, such as a mentor-mentee system, student clubs, establishment of a Drug Information Center, etc.



## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH
Address	Vishnu Institute of Pharmaceutical Education and Research Vishnupur, Narsapur, Medak District - 502 313 Telangana State
City	Narsapur
State	Telangana
Pin	502313
Website	<a href="http://www.viper.ac.in">www.viper.ac.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	A Ramesh	08458-222087	9701683444	08458-222002	principal@viper.ac.in
IQAC / CIQA coordinator	Vvs Rajendra Prasad	08458-222088	9703698214	08458-222001	rajendraprasad.vvs@viper.ac.in

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular Day

Recognized Minority institution	
If it is a recognized minority institution	No

**Establishment Details**

Date of establishment of the college

07-08-2007

**University to which the college is affiliated/ or which governs the college (if it is a constituent college)**

**State****University name****Document**

Telangana

Jawaharlal Nehru Technological University

[View Document](#)**Details of UGC recognition****Under Section****Date****View Document**

2f of UGC

09-09-2021

[View Document](#)

12B of UGC

**Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)****Statutory Regulatory Authority****Recognition/Approval details Institution/Department programme****Day,Month and year(dd-mm-yyyy)****Validity in months****Remarks**

PCI

[View Document](#)

10-06-2021

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**Details of autonomy**

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes

[autonomydoc\\_1648624391.pdf](#)

If yes, has the College applied for availing the autonomous status?

Yes

<b>Recognitions</b>	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	National Board of Accreditation
Date of recognition	20-08-2018

<b>Location and Area of Campus</b>				
<b>Campus Type</b>	<b>Address</b>	<b>Location*</b>	<b>Campus Area in Acres</b>	<b>Built up Area in sq.mts.</b>
Main campus area	Vishnu Institute of Pharmaceutical Education and Research Vishnupur, Narsapur, Medak District - 502 313 Telangana State	Rural	4	4608.27

## 2.2 ACADEMIC INFORMATION

<b>Details of Programmes Offered by the College (Give Data for Current Academic year)</b>						
<b>Programme Level</b>	<b>Name of Programme/Course</b>	<b>Duration in Months</b>	<b>Entry Qualification</b>	<b>Medium of Instruction</b>	<b>Sanctioned Strength</b>	<b>No.of Students Admitted</b>
UG	BPharm,B Pharmacy	48	Intermediate	English	108	107
PG	MPharm,M Pharmacy Pharmaceuticals	24	B.Pharmacy	English	16	16
PG	MPharm,Mp harm Pharmaceutical Analysis	24	B.Pharmacy	English	15	15
PG	MPharm,M Pharm Pharmacology	24	B.Pharmacy	English	12	12

**Position Details of Faculty & Staff in the College**

<b>Teaching Faculty</b>												
	<b>Professor</b>				<b>Associate Professor</b>				<b>Assistant Professor</b>			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	6				10				20			
Recruited	4	2	0	6	2	8	0	10	11	9	0	20
Yet to Recruit	0				0				0			

<b>Non-Teaching Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				7
Recruited	6	1	0	7
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				6
Recruited	4	2	0	6
Yet to Recruit				0

### Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	4	2	0	1	4	0	0	0	0	11
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	1	4	0	11	9	0	25
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	0	0	0	0

**Provide the Following Details of Students Enrolled in the College During the Current Academic Year**

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	29	2	0	0	31
	Female	68	1	0	0	69
	Others	0	0	0	0	0
PG	Male	2	0	0	0	2
	Female	26	0	0	0	26
	Others	0	0	0	0	0

**Provide the Following Details of Students admitted to the College During the last four Academic Years**

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	2	4	1	2
	Female	8	8	13	2
	Others	0	0	0	0
ST	Male	1	2	0	5
	Female	3	2	6	5
	Others	0	0	0	0
OBC	Male	17	18	15	12
	Female	31	44	42	40
	Others	0	0	0	0
General	Male	10	6	6	5
	Female	27	15	18	29
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		99	99	101	100

1. Multidisciplinary/interdisciplinary:	By incorporating multidisciplinary and interdisciplinary subjects alongside regular academics, students' intellectual abilities can be enhanced in terms of social, physical, and emotional strength. The college is successfully implementing interdisciplinary short term certificate training programs for students like Biomedical engineering, chemical and pharmaceutical engineering in collaboration with BVRIT. It aims to follow the National Education Policy 2020 for the purpose of preparing students to become entrepreneurs or self-employed by following the National Education Policy 2020. The institute also has provided more multidisciplinary programs for our students such as one month hospital training which paved practical experience outside the institute. Also within campus, the institute regularly provides CRT certificate training programs to enhance our students' skill, capability and self-reliance. The focus of the institute is to encourage and add more values to their careers and capable theme to achieve their goals.
2. Academic bank of credits (ABC):	The academic bank of credits plays a major role in the assessment of students' learning and program outcome. In order to enhance students' learning and achieve positive results, faculties at institute are encouraged to attend short-term certificate-based training programs in pedagogical theory and practice. The institute uses various assessment tools like MOODLE, Microsoft Teams, etc. As per NEP 2020, the Summative and Formative assessments and assignments methodology is used to evaluate the success rate of the program and learning outcome of students.
3. Skill development:	In order to promote a quality and value-based education system, the institute imbibes in its students a positive atmosphere and attitudes. Along with academics, students enthusiastically organize, participate and celebrate National festivals with vibrancy and respect. The equal contribution of faculty and students helps to organize and educate public awareness and social cause programs like World cancer day, Environment day, Voters Day, etc. The institute also imbibe the practical skills and good qualities in students by participating as volunteers in Health camps, Swatch Bharat Abhiyaan, Blood donation campaign, etc. Student mentoring system is



	one of the crucial and regular practices of the institute which enable our students to explore their skill based interest and help them to get basic of their knowledge which will pave them to opt for best career development.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	Regarding the adoption and implementation of the Indian knowledge system, the institute organizes various cultural activities like Traditional day, Janmashtmai, Pongal, Bathukkama and Ganesh Chaturdhi, prechristmas, etc where the students of various region and culture enthusiastically participate, celebrate and understand the importance of various Indian cultures. Thus institute aim to promote and preserve our Indian culture and origin.
5. Focus on Outcome based education (OBE):	The institute emphasizes the importance of quality education and basic academic knowledge as a foundation and life-long activity that fosters positive attitudes towards learning and other attributes, enabling students to reach their career goals. The institute adapted the practice of Bloom's taxonomy to focus on students with quality outcome-based education which includes understanding, analysing, creating, evaluating, and applying subject-based knowledge. This As a result, students are able to make better decisions and become successful citizens of our country.
6. Distance education/online education:	In view of the pandemic, our institute attempted to provide quality and timely based education to our students through online means, even though we are not part of a distance learning organization. In order to ensure that students do not face any inconveniences while learning, the institution subscribed to an online tool Microsoft Teams with software features for all of the faculty and students. The faculties were trained for effective usage and implementation of online tools for teaching-learning purposes and online assessment of students were also inculcated by faculties as regular practice along with teaching.

## Extended Profile

### 1 Program

#### 1.1

Number of courses offered by the Institution across all programs during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
131	117	119	119	116
File Description		Document		
Institutional data prescribed format		<a href="#">View Document</a>		

#### 1.2

Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
4	3	3	3	3

### 2 Students

#### 2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
434	428	435	427	441
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

#### 2.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
49	45	45	45	45

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

## 2.3

### Number of outgoing / final year students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
115	119	114	117	130
File Description	Document			
Institutional data in prescribed format	<a href="#">View Document</a>			

## 3 Teachers

### 3.1

#### Number of full time teachers year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
36	40	39	39	35
File Description	Document			
Institutional data in prescribed format	<a href="#">View Document</a>			

### 3.2

#### Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
36	40	39	39	35
File Description	Document			
Institutional data in prescribed format	<a href="#">View Document</a>			

## 4 Institution

### 4.1

#### Total number of classrooms and seminar halls

**Response: 13****4.2****Total Expenditure excluding salary year-wise during last five years ( INR in Lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
190.24	324.49	281.45	197.84	295.36

**4.3****Number of Computers****Response: 97**

## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curricular Planning and Implementation

##### 1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process

##### Response:

Vishnu Institute of Pharmaceutical Education and Research has a well-organized standard curricular planning system that includes the preparation of program outcomes and program-specific outcomes, which has given top priority. Faculty members' subject allocation was decided by the respective HODs of each department after discussion with faculty members and then approved by the Head of the Institution. The timetable committee (TTC) prepares time table in a prescribed format before the beginning of each semester based on subject allotment and communicates the same to faculty and students after approved by head of the institution. The TTC assigns lecture halls and laboratories to ensure that the academic programs run smoothly and efficiently. The Micro-Level Teaching Plan (MLTP) for both the theory and practical in each subject will be prepared by the individual faculty members and submitted to the Head of the Institution for approval.

The lecture hall and laboratory details, syllabus copy, counseling books, and student attendance registers are handed over to all faculties in the first day of each semester. Guest lecturers from the industry and academic specialists are frequently invited to our institute to help students for their future careers.

Members of the Internal Quality Assurance Cell (IQAC) supervise all academic activities of the teaching staff on a regular basis. To assess the effectiveness of curriculum delivery, the IQAC will meet twice a year. Every subject's MLTP, list of lab experiments, assignments, notes of lessons, subjective and objective question papers, and counseling details will be crosschecked by the IQAC. If any non-compliance is identified, the IQAC will take the appropriate corrective action.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

##### 1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

##### Response:

JNTUH prescribes well defined academic calendar every year to all the affiliated colleges including VIPER, and our institute needs to follow the same and gives it to faculty members in order to create a favorable academic environment in the college. Hence utmost care is taken to carry out scholastic and co-scholastic activities as per academic calendar. The e-copy of the academic calendar will be uploaded in the institute's website.

VIPER strictly follows the academic calendar and plans all its activities, including conducting

Continuous Internal Evaluation (CIE). The academic calendar helps faculty members to prepare their MLTP. The IQAC closely supervises and monitors the completion of the syllabus as per the MLTP. Syllabus coverage for each CIE is decided well in advance, and faculty members adhere to it.

Internal Assessment tests such as; (Mid Term examinations), assignments, and seminars are part of the Continuous Internal Evaluation (CIE) of students. There is a well-defined process for the conduct of CIE as per the calendar of events. The subject in charge prepares subjective and objective question papers based on the revised Bloom's Taxonomy along with the scheme of evaluation, and it will be reviewed by the NBA/NAAC coordinators and approved by Head of the institution.

The examination committee in association with JNTUH prepares midterm exam timetables, which are displayed on the notice board, and also uploaded in institute's website. Exams will be conducted strictly as per the schedule. After the mid-term examination, the respective subject in charge evaluates the answer scripts and calculates the CO-PO/PSO achievements. The Principal meets with the IQAC regularly to analyze the semester's progress and recommend suitable suggestions if necessary. In case of any revision in the academic calendar made by the university, the institute implements the necessary changes accordingly.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

**1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years**

1. Academic council/BoS of Affiliating university
2. Setting of question papers for UG/PG programs
3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
4. Assessment /evaluation process of the affiliating University

**Response:** B. Any 3 of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Link for Additional information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

**1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**

**Response:** 100

**1.2.1.1 Number of Programmes in which CBCS / Elective course system implemented.**

Response: 4

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**1.2.2 Number of Add on /Certificate programs offered during the last five years**

Response: 25

**1.2.2.1 How many Add on /Certificate programs are offered within the last 5 years.**

2020-21	2019-20	2018-19	2017-18	2016-17
6	8	6	2	3

File Description	Document
List of Add on /Certificate programs	<a href="#">View Document</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View Document</a>

**1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years**

Response: 65.85

**1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
285	478	286	180	194

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View Document</a>

**1.3 Curriculum Enrichment**

### **1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum**

#### **Response:**

The VIPER enriches the curriculum to address cross-cutting issues such as gender, environment and sustainability, human values, and professional ethics. Some of these programs aim to improve professional competencies, while others aim to instill general competencies such as social values, human values, and environmental sensitivity. In addition, the institution has a Women Welfare/Sexual Harassment Eradication Committee (WSHEC), counseling cell, and anti-ragging committee to deal with gender, human values, and ethics issues. All of this contributes to overall development.

#### **Curriculum enrichment efforts include:**

##### **Gender Related Issues:**

Gender Sensitization is a part of our curriculum (MC400) that teaches students about the socialization of men and women. The Women Welfare/Sexual Harassment Eradication Committee (WSHEC), Women Empowerment Cell (WEC) and the college's counseling cell work on this issue. The committees organize women's self-defense classes each year in collaboration with the local women's police force. Boys and girls are given equal representation on all student committees, as well as representation on college committees.

##### **Environment and Sustainability:**

The syllabus includes a subject, Environmental Sciences (Sub Code: MC500), which takes care of these basic needs. The students are taught not only the study of physical and biological characters of the environment but also the social and cultural factors and the impact of man on environment. Moreover the course is related to Pharmacognosy, and students are taught the value of nature as a source of medicines as well as the significance of human health.

Our institute celebrates Environment day through the NSS unit, which includes planting saplings on campus (HARITHA HARAM), cleaning of the surroundings by students, and lectures on environmental protection and preservation. One of the best practices of VIPER is evidence - based practices of maintaining Green and Clean Campus through the involvement of students.

The Swatch Bharat Abhiyan is a vital part of our Institution. Hence, our campus is lush with vegetation. Our institute has effective solid, liquid, and biological waste management systems. Dustbins are available in classrooms, laboratory, restroom, and canteen. Sweepers will separate the wastes and garbage's, which would then be disposed properly.

##### **Human Values:**

Human Values and Professional Ethics (Sub Code: MC600) is a subject offered as part of the undergraduate degree programme at the College. This course taught students about pharmacy ethics and human values, as well as how to recognize the moral ideals that should govern the pharmacy profession it helps to students to understand the importance of Values and Ethics in their personal lives and professional careers. Our students donate rice to the poor people in nearby villages as a part of student initiative



"Sankalp".

### Professional Ethics:

To address the best way is to teach professional ethics, Human Values and Professional Ethics courses which have been added to the curriculum. In terms of curriculum, ethics is maintained by checking student project reports for plagiarism. In terms of society, during the graduation ceremony, the graduates swore the "Pharmacist oath" in order to serve mankind. The Anti-Ragging Committee plans activities such as the formation of an anti-ragging squad, awareness talk by the officials to combat ragging, and making students aware of human values and ethics.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View Document</a>

### 1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

**Response:** 75.42

#### 1.3.2.1 Number of courses that include experiential learning through project work/field work/internship year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
98	99	97	82	78

File Description	Document
Programme / Curriculum/ Syllabus of the courses	<a href="#">View Document</a>
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year

**Response:** 71.66

### 1.3.3.1 Number of students undertaking project work/field work / internships

**Response:** 311

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 1.4 Feedback System

**1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni**

**Response:** B. Any 3 of the above

File Description	Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View Document</a>
URL for stakeholder feedback report	<a href="#">View Document</a>

**1.4.2 Feedback process of the Institution may be classified as follows: Options:**

- 1.Feedback collected, analysed and action taken and feedback available on website
- 2.Feedback collected, analysed and action has been taken
- 3.Feedback collected and analysed
- 4.Feedback collected
5. Feedback not collected

**Response:** B. Feedback collected, analysed and action has been taken

File Description	Document
Upload any additional information	<a href="#">View Document</a>
URL for feedback report	<a href="#">View Document</a>

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Average Enrolment percentage (Average of last five years)

**Response:** 95.43

##### 2.1.1.1 Number of students admitted year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
127	121	129	126	128

##### 2.1.1.2 Number of sanctioned seats year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
142	130	130	130	130

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy ) during the last five years ( exclusive of supernumerary seats)

**Response:** 89.18

##### 2.1.2.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
41	42	41	40	40

File Description	Document
Average percentage of seats filled against seats reserved	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 2.2 Catering to Student Diversity

### 2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

#### Response:

#### Orientation Program for Entry Level Students

Orientation program will be conducted every year for first year students for a week to know opportunities in pharmacy curriculum. In this week, each and every department will be taking classes to give glimpse of all the departments and their importance in their curriculum along with guidelines for examinations.

#### Personality Development Programme:

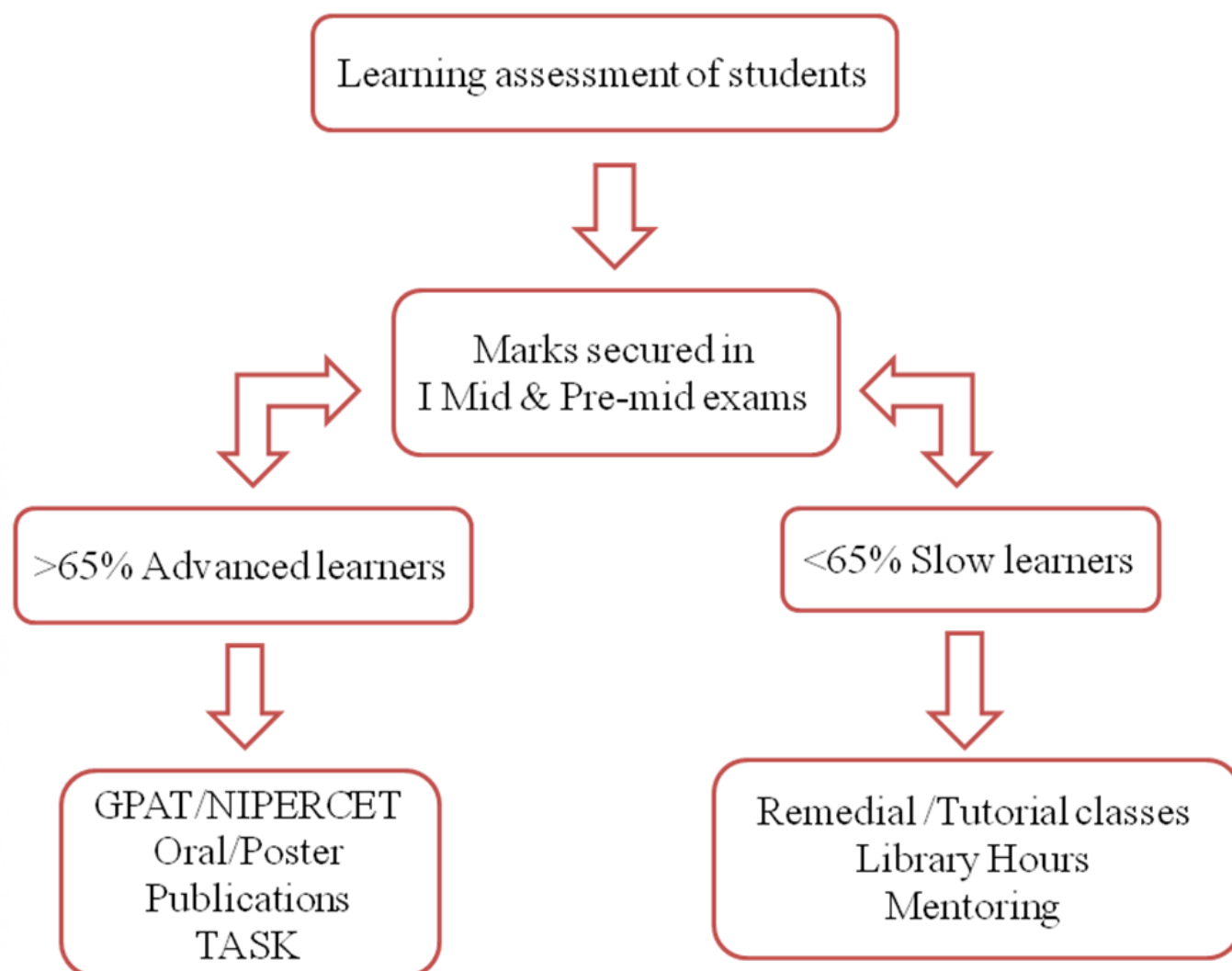
Some learners have less focus on moulding their personalities to the challenging environment. To train the budding learners, sessions on Personality Development are arranged for about 3 days in the beginning of First Semester by expert trainers from VEDIC.

#### Communication Skills Classes:

The Institution offers English Communication Skills classes for UG students to improve their L-S-R-W skills and to make them good contenders globally.

#### Assessment of Learning Capabilities:

Diversified students are assessed for their learning levels after their admission into different programs in the following manner:

**FOR SLOW LEARNERS:****Tutorial classes and Remedial Classes**

Slow learners are mainly identified based on their performance initially during I Mid examinations. If the score in the examination is less than 56%, they are considered as slow learners. Those who achieved above 65% are included in the category of Advanced Learners.

Different approaches were adopted with an objective to improve the learning and writing skills of Slow learners. Some of them are as follows:

1. To improve the memorizing and writing skills of slow learners we have implemented a practice of Remedial classes where extra classes are conducted for all subjects with special emphasis on tough subjects like Maths, Organic chemistry.
2. Tutorial classes are conducted where discussions, doubt clarification, re-explanation, practice, class tests can be conducted for each subject.
3. During the course of study, a group of students are assigned to a faculty for Mentoring, who monitors academic performance and interact frequently to understand issues that affect their ability to learn and impede their academic success.
4. Library Hours: Extra Library hours are provided from 4-8pm.

**FOR ADVANCED LEARNERS:**

Advanced learners are identified through their performance in examinations, interaction in the classroom and active participation in laboratory during practical's. The Institute encourages independent learning that promotes their academic and personal growth. Some of them are as follows:

- 1.The institution provides an opportunity to participate in quizzes, Elocutions, Essay writing and group discussions to develop analytical and problem-solving abilities in them thereby improving presentation skills.
- 2.Advanced learning students are involved in poster and oral presentations in and outside of the college where they can showcase their skills and update their existing knowledge.
- 3.Graduate Pharmacy Aptitude Test (GPAT) aspirants are given training in the campus by fetching subject experts from renowned Universities/institutions who share their knowledge along with some of the tips to crack GPAT.
- 4.Students are also encouraged to appear for various competitive exams like NIPER JEE and other universities examinations.
- 5.Additional courses like Pharmacovigilance training and medical coding training are encouraged from initial stages.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

### 2.2.2 Student- Full time teacher ratio (Data for the latest completed academic year)

**Response:** 12:1

File Description	Document
Any additional information	<a href="#">View Document</a>

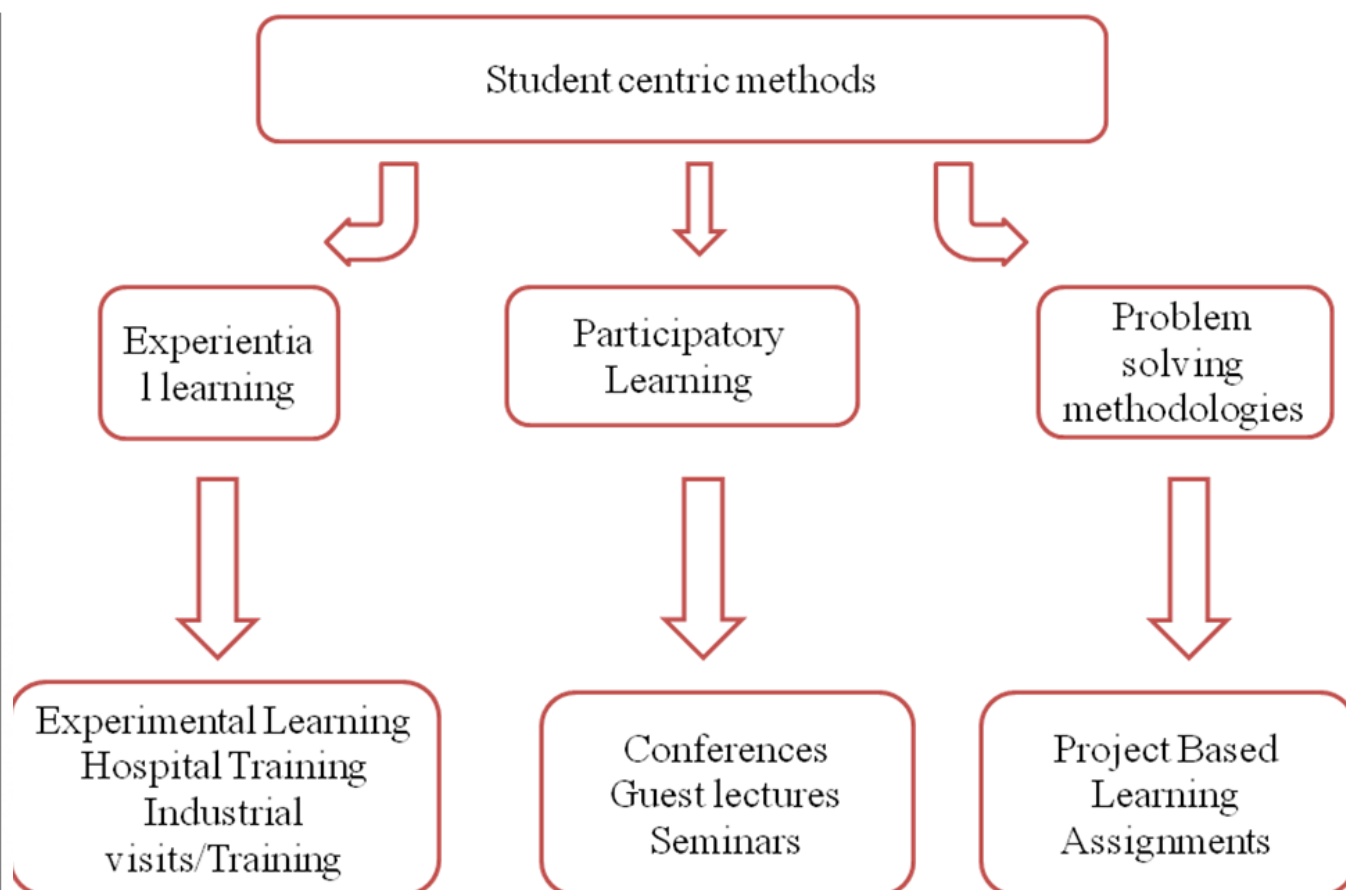
## 2.3 Teaching- Learning Process

### 2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

**Response:**

VIPER encourages students to participate in various events like poster presentations, oral presentations, Elocution, Essay writing, Debate and other co-curricular events which are organised by our college as well as other institutions to make students professionally competent. Students are also encouraged to develop leadership skills by organising events by taking lead with teachers support. student clubs can help them additionally to gain skills.

Various methods of experiential and participatory learning are adopted to ensure that students are active than remaining passive listeners in the teaching-learning process.



### EXPERIENTIAL LEARNING ACTIVITIES

In the experiential learning method, the theoretical knowledge gained from books and journals will be applied through practical experiments which are conducted in the labs by field visits to the medicinal garden, to practically analyze macroscopic characters of plants, visiting of animal house, handling of animals and also by doing minor project works. Major project works will also be carried out by final year students where they will get to learn practical skills, documentation and presentation skills.

#### Hospital training

During hospital training, first year students are given opportunity to provide training in pharmaceutical services at hospital which include patient counselling, drug information service and prescription audit.

#### Industrial visits/training

The students are given an opportunity for industrial visits and industrial training which is after completion of third year; students should submit a report of what they have learnt in their tenure in industry as a trainee.

#### Experimental learning

During pharmacology lab, experiments are explained using software's like Ex Pharm series (Experimental Pharmacology) and CAL Pharm interactive USB Flash Drive (Experimental Pharmacology) in Laboratory for better understanding of students. For first years in computer lab also, some software's like English software "Kvan Solutions" are used to demonstrate verbal and oral skills.

## PARTICIPATORY LEARNING ACTIVITIES

In participatory learning, both the teacher and students are involved in the development of learning skills. Such learning methods include group discussions, assignments and seminars on particular topics. As a part of the curriculum, all M Pharm students participate in seminar presentations and research project work. Guest lectures, seminars, conferences and industrial visits are organized to enhance students learning experience.

## PROBLEM SOLVING METHODOLOGIES

### Assignment based Learning

Students are insisted to write Assignments on given topics for which marks are being allotted. This enables students to search for the data and improve knowledge.

### Project based learning

Project was assigned to Final year students and post graduate students and they were asked to present the outcome in the form of presentation in viva voce .They can also present their work in poster and oral presentations. Both UG and PG students do their project work in final year which provides them an opportunity to apply the knowledge they have learnt.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

### 2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

#### Response:

It is a well-known fact that an increase in the use of ICT (Information and Communications Technology) in education with integrating technology to the curriculum has a significant and positive impact on students' achievements. Vishnu Educational Development and Innovation Center (VEDIC) is one such place initiated by our management, where all teachers are trained to teach using ICT tools. This also helped us during pandemic when online classes were the only way left to transfer knowledge to students. Some of the programs where teachers are trained include, VOICE (Vishnu Online Interactive Colloquium on Education), Unconscious bias at workplace (UBW), ILEA, IIT, SLIDE, IIIT etc which are conducted monthly for a set of faculty along with some special programs like Writing Research proposals where eminent speakers will give lectures to the faculty members.

It is also an excellent platform for students to explore themselves mentally and physically. They will be taught to think beyond the curriculum and work towards it. The programs conducted for students include "Self Management Skills" during pandemic. "Career Aspirations in Science & Technology" (CAST) Intellectual Learning Series Workshop in offline mode.

- Classrooms are provided with LCD and projectors with Wi-Fi connection with sufficient



bandwidth to carry out online classes. Post and during pandemic, online classes were conducted for which we used Zoom platform, WebEx and MS Teams. We used other softwares as well like Google forms for conducting mid examinations in the form of objective questions, Google classroom for sharing materials and notes with the students and also for submitting assignments. Other software's used for conducting unit tests and classes include, Quizzez, Mentimeter, Mindmap, Edmodo, Jamboard etc.

- For selected students who couldn't afford to have access to Internet and smart phones, our management have provided them freely smart phones, Tablets and internet facilities like Wi-Fi dongle so that they won't lag behind in the competitive world.

### ICT used in the classroom:

The ICT enabled classrooms, computerized language lab, computer lab, Digital library and internet facilities of the College provide students an enjoyable learning experience. All the classrooms are provided with LCD projectors as well as internet connectivity. All the staff members use power point presentations for the classroom which is supplemented with "blackboard and chalk".

### Online resources:

The computer with internet facilities available in the library are used by students, both UG & PG students for attending NPTEL courses COURSERA courses, SWAYAM courses and to access Open e-resources, free journals, e-books etc. as our college is a member of NDLI club (National Digital Library of India).

### Online teaching-learning platforms:

- MS Teams, Zoom, Google hangout, Google meet, Google classroom, Quizzez, Mentimeter, Kahoot, Mindmap and Moodle platforms are being used effectively by the staff members.
- Further students' seminars, student's project presentations were carried out using these approaches. These platforms were used to deliver guest lectures by experts also.
- YouTube channel was created where Guest lectures, Motivational Speeches are live streamed for the students to learn online.
- Wi-Fi enabled campus makes the faculty members and students use internet services to improve their teaching-learning methodologies

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View Document</a>

### 2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year )

**Response:** 12:1

## 2.3.3.1 Number of mentors

Response: 35

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	<a href="#">View Document</a>
mentor/mentee ratio	<a href="#">View Document</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

## 2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	<a href="#">View Document</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 17.03

2.4.2.1 Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
11	7	5	5	4

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

**Response:** 5.19

##### 2.4.3.1 Total experience of full-time teachers

Response: 187

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 2.5 Evaluation Process and Reforms

#### 2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

**Response:**

VIPER is affiliated to JNTUH so it follows the regulations stipulated by the University. A variety of assessment processes are used to award internal assessment marks.

The performance of the students in theory subjects are assessed through two internal examinations for theory, two assignments and one internal for practical per semester. Further, the students are assessed by their interaction with staff members in the class indicating the extent of interest to learn the subject, and attendance percentage to inculcate discipline among students. In addition to that practical course, the internal assessment is done based on day-to-day performance in the practical's, viva-voce and record maintenance. Occasionally slip tests are also conducted.

In the case of project work the internal assessment is based on presentation of research proposal and their ability to justify on the data/findings in the project work.

For B.Pharm, assessment is based on seminar, assignments, project and record works, answering skills for viva. For M.Pharm, assessment is based on seminar, presentation of work, Practical skills, Communication skills, assignments, project and record works, answering skills in Viva.

Internal assessment is done in a transparent manner: An examination branch coordinates the examination activities and communicates to the students, teachers and administrative staff regarding examinations. The students are well informed during the orientation programme itself regarding the University rules and regulations pertaining to the internal assessment tests.

The University norms relating to course-wise examination patterns are communicated to the students through the college handbook. The University circulars in this regard are circulated to the faculty members and students from time to time and are also displayed on the notice boards for students. Internal examinations are scheduled and are published in the academic calendars and given to students before the commencement of the course. Changes in schedules, patterns, methods if any, are immediately notified to the students through notice boards and also through Whatsapp groups and briefing by concerned class in-charges. The subject teacher briefs the students in the classroom about their attendance and performance in the internal examinations and also progress reports of the same are sent to parents to get their signatures on it. The same will be reflected in P-cap where both students and teachers can check attendance percentage as well as their marks.

It is the practice of the college to show internal examination answer booklets after evaluation to the students in the class for self-evaluation and answers are also discussed with the students. The Progress of Students in Internal Assessment is informed to their parents through progress reports and discussed in Parents-Teachers meetings. Students approach the teacher to resolve grievances if any, regarding the assessment. All records and data of attendance in internal Examinations, Question papers, valued answer papers, marks sheets, are maintained by the teachers for academic monitoring. The mark obtained in the internal examination will be uploaded on the University portal. The institution has a self centre to conduct both Regular and supplementary exams of all the End semester exams at the institute, under CCTV Surveillance.

File Description	Document
Any additional information	<a href="#">View Document</a>

### **2.5.2 Mechanism to deal with internal/external examination related grievances is transparent, time-bound and efficient**

#### **Response:**

Exam Grievance Redressal helps to frame guidelines for the conduct of examinations in accordance with the affiliating University & to maintain proper standards of the examination.

#### **Exam grievance redressal mechanism: -**

At the institution level, an examination committee, comprising of the superintendent of the examination and exam branch in-charges with one technical person ensure smooth conduct of the examination and internal assessment. As per the University norms, internal assessments are conducted based on the prescribed format. Respective subject faculties evaluate and the answer scripts are given to the students to have an idea of their performance in the test. If there arise any doubts, clarification is given which helps them to perform better in the future & thus enhances transparency and rapport between the faculty &

students. If any grievance occurs it is immediately considered and redressed. The following mechanism is set to deal with examination related different grievances

***Grievances related to the internal examination in the institution***

**STEP 1:**

If any grievance is not solved by faculty in charges, any student with a genuine grievance may approach exam branch in-charge to submit his/her grievance in writing or drop it in suggestion box/complaint box placed various points.

**STEP 2:**

Grievances received are addressed systematically with active involvement and cooperation of the exam branch committee concerned with the grievance; maintaining necessary confidentiality in the handling process. Committee strives to settle the issues amicably in a time-bound manner and introduces a reasonable solution for grievances of various issues received.

**STEP 3:**

Action taken against the grievance has to be documented properly including the details of the nature of the grievance and action taken.

***Grievances related to the semester/yearly university examination***

**STEP 1:**

The students have to place their grievances in college office and grievance redressal cell. The coordinator in turn intimates the matter to the committee for necessary action.

**STEP 2:**

If the grievance is about the totalling or for the photocopy of the answer books, the committee will direct the student about the university procedures that have to be applied within the stipulated time as per the result notification published on the website.

Queries related to mistakes in hall tickets and mark sheets regarding name, course name, and programme name are resolved immediately by communicating with the University.

**STEP 3:**

Final report based on grievance received and resolved will be submitted to the Principal and further course of action will be documented and the same shall be intimated to the students

File Description	Document
Any additional information	<a href="#">View Document</a>

## 2.6 Student Performance and Learning Outcomes

**2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.**

**Response:**

Programme outcome (PO), and course outcome (CO) are the foundation for outcome-based education. Well-structured PO, and CO provide clear objectives and goals to the teachers as well as the institution to plan and execute the effective teaching-learning process.

Further, scientific mapping of CO–PO correlation, would help to identify lacuna of the teaching-learning process which can be addressed through additional courses, value-added courses and other activities. Based on the POs individual teachers prepared COs for the courses handled by them and in consultation with the Head of the Department. The POs and COs thus prepared were reviewed by the HOD along with senior faculty and gets approved.

The approved POs were effectively made known to all the teachers, students as well as technical staff and parents through various communication channels. POs and COs are displayed on the Institutional website. POs are also displayed in various places on the campus and the teaching staffs are frequently reminded to take a step to attain stated POs in the staff meeting. The syllabus, detailed course outcomes for each course, along with assessment strategy, are communicated to the students by the respective teacher in the orientation of Semester / academic year. All faculty members are familiarised with the concept of Outcome-based education and they diligently try to ensure that stated outcomes have been attained by the students.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View Document</a>

**2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.**

**Response:**

CO attainment is calculated from the students' performance in both internal and external Assessments. The internal assessments include subjective and objective tests, assignments, day to day evaluation in laboratory courses, project internal reviews and technical seminars. The external assessments such as Semester End Examination (SEE) for theory courses, External Laboratory Examinations, Project work are conducted by the affiliating university. The attainment levels of each CO are decided with rubrics as 0, 1, 2 and 3 based on the students' performance. The attainment of the CO is calculated as an average of the attainment levels of the questions mapped to that CO. Now, this obtained attainment of a CO is compared against the target to decide the attainment of the CO. In indirect assessment, the Course End Survey (CES) is used.

PO and PSO attainment is calculated through direct (80%) and indirect (20%) assessments. In Direct method, The CO attainment values of all the courses are used to calculate the attainments of POs and PSOs



using CO\_PO and CO\_PSO matrices. In indirect method, the attainment of POs/PSOs is calculated using Course End Survey (CES), Graduate Exit Survey (GES), Parents' Feedback and Alumni's Feedback.

### 2.6.3 Average pass percentage of Students during last five years

**Response:** 71.37

#### 2.6.3.1 Number of final year students who passed the university examination year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
83	99	82	76	84

#### 2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
115	119	114	117	130

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Paste link for the annual report	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

### 2.7.1 Online student satisfaction survey regarding teaching learning process

**Response:** 3.88

File Description	Document
Upload database of all currently enrolled students (Data Template)	<a href="#">View Document</a>

## Criterion 3 - Research, Innovations and Extension

### 3.1 Resource Mobilization for Research

**3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)**

**Response:** 185.86

**3.1.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
69.79	15.68	26.24	25.91	48.24

File Description	Document
List of endowments / projects with details of grants	<a href="#">View Document</a>
e-copies of the grant award letters for sponsored research projects / endowments	<a href="#">View Document</a>

**3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)**

**Response:** 8.33

**3.1.2.1 Number of teachers recognized as research guides**

**Response:** 3

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years**

**Response:** 100

**3.1.3.1 Number of departments having Research projects funded by government and non-government agencies during the last five years**



2020-21	2019-20	2018-19	2017-18	2016-17
1	1	1	1	1

### 3.1.3.2 Number of departments offering academic programmes

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	1	1	1

File Description	Document
Supporting document from Funding Agency	<a href="#">View Document</a>
List of research projects and funding details	<a href="#">View Document</a>
Paste link to funding agency website	<a href="#">View Document</a>

## 3.2 Innovation Ecosystem

### 3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

#### Response:

In order to enhance the research culture at the Vishnu Institute of Pharmaceutical Education and Research, teachers are encouraged through the promotion of research skills, the availability of research grants and sabbatical leaves, and the establishment of state-of-the-art research laboratories in each department. To instill a research culture among faculty and staff, the institution always encourages them to participate in various scientific seminars and training programs. Implementation of the reward policy for internal promotions to the cadre of Professors and Associate Professors, which emphasizes research publications, patents and project supervision. Additionally, there is a process structure in place to monitor research work, including dissemination of grant information, evaluation of research proposals, monitoring of research progress, and a policy for incentives for faculty and staff based on the outcomes of research. The institute's research management system helps preserve the basic details of each research project that has been officially approved and registered. All of this is strengthened by the Research Advisory Committee and the Research and Development Planning Committee.

#### Strengths:

- There is a high level of research performance and relatively competent faculty members, which contribute to a strong research potential.
- Young teachers continuously improve their competencies by utilizing specialized research laboratories.

- An excellent department chair with strong leadership skills
- Students attend departmental projects and external events in large numbers.
- In addition to excellence in education and research, we are committed to innovation and entrepreneurship.
- Research grants have been awarded to several faculty members, and their projects have been successfully completed.
- A senior faculty member supervises young teachers in developing their research skills.
- We offer a wide range of academic programs, many of which are nationally accredited.
- Diversity and vibrancy on campus and among the student body.
- As a premier institute, we have strong national and international connections and partnerships.
- MSME Incubation Centre and Collaborative works with NIPER, Hyderabad helps us in getting research projects and publications.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

### 3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

Response: 6

#### 3.2.2.1 Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	2	1	1

File Description	Document
Report of the event	<a href="#">View Document</a>
List of workshops/seminars during last 5 years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 3.3 Research Publications and Awards

### 3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

**Response: 2****3.3.1.1 How many Ph.Ds registered per eligible teacher within last five years**

Response: 6

**3.3.1.2 Number of teachers recognized as guides during the last five years**

Response: 3

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	<a href="#">View Document</a>
URL to the research page on HEI website	<a href="#">View Document</a>

**3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years**

Response: 1.51

**3.3.2.1 Number of research papers in the Journals notified on UGC website during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
20	8	14	10	5

File Description	Document
List of research papers by title, author, department, name and year of publication	<a href="#">View Document</a>

**3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years**

Response: 0.08

**3.3.3.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
2	0	1	0	0

File Description	Document
List books and chapters edited volumes/ books published	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.4 Extension Activities

**3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.**

**Response:**

Students volunteer in neighboring communities and conduct various activities regularly. During the past ten years, extension activities have been conducted in the neighborhood community, both in terms of impact and sensitizing students to social issues and holistic development. Through various community outreach activities, VIPER aims to not only educate students about social issues but also contribute to the community and strengthen participation in the community. The NSS college units take part in various initiatives like 1. Swatch Bharat initiatives 2. Blood donation camps 3. Awareness programs on AIDS & Cancer prevention 4. Dengue Awareness program 5. Environmental pollution. Also, the college has a UBA unit that has diversified activities in association with NGOs by involving youths.

Yoga was born in India, so by participating in International Yoga Day, students are promoting a sound mind in a healthy body. A variety of programs have been undertaken to promote environmental consciousness and encourage the community to take action in this regard, including rainwater harvesting, water conservation, tree-planting drives, sowing seeds in Narsapur forest in collaboration with the forest department.

The College holds blood donation camps twice a year where students and staff donate blood for the cause. Approximately 75-100 units of blood are drawn at each camp and sent to government hospitals.

Through all of these extension activities, the participants have been exposed to cases of unjust deprivation and have become motivated to alleviate these injustices. As well as sanitation in the neighborhood, garbage disposal, and sensitizing the community to these vital issues. All of these initiatives have contributed to the holistic development of the participants of these programs. A blood donation camp strengthens donors' sense of empathy and compassion. In addition, it teaches them about their ethical and moral responsibilities. Girls are made aware of their condition and their rights through women empowerment programs, and boys become sensitive to the problems of women, thus decreasing gender bias and patriarchal prejudices. The activities listed above are examples of how various social, political, and economic concerns are discussed and addressed in order to foster sensitivity and understanding among students and enable the balanced development of their personalities so that a committed and ethically aware citizenry is created. Various medical aids or funds for the needy were given by faculty voluntarily. Alumni helps in funding for the students.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

### 3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

**Response: 3**

#### 3.4.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
2	1	0	0	0

File Description	Document
Number of awards for extension activities in last 5 year	<a href="#">View Document</a>
e-copy of the award letters	<a href="#">View Document</a>

### 3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

**Response: 35**

#### 3.4.3.1 Number of extension and outreach Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
13	13	3	4	2

File Description	Document
Reports of the event organized	<a href="#">View Document</a>
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	<a href="#">View Document</a>

**3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years****Response:** 54.34**3.4.4.1 Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
383	328	204	158	101

File Description	Document
Report of the event	<a href="#">View Document</a>
Average percentage of students participating in extension activities with Govt or NGO etc	<a href="#">View Document</a>

**3.5 Collaboration****3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year****Response:** 52**3.5.1.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
7	14	10	14	7

File Description	Document
e-copies of related Document	<a href="#">View Document</a>
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	<a href="#">View Document</a>

**3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses**

etc. during the last five years

**Response:** 47

**3.5.2.1 Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
12	9	11	8	7

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	<a href="#">View Document</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	<a href="#">View Document</a>

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

**4.1.1 The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.**

**Response:**

The Vishnu Institute of Pharmaceutical Education and Research is located in Narsapur, Medak District. There is a tranquil atmosphere at the college. The buildings are surrounded by well-maintained greenery and lush gardens. The College provides resources and infrastructure for academic excellence, as well as pedagogical methodologies for teaching and learning.

**Class rooms:** B.Pharm and M.Pharm classes are taught in 12 spacious classrooms at the Institute. In order to create a comfortable learning environment, classrooms are equipped with audiovisual devices such as LCD projectors, LAN facilities, and blackboards.

**Laboratories:** The institution has 17 well-equipped laboratories for conducting academic practicals and project works. The laboratories are equipped with a first-aid box and a fire extinguisher. The working environment is kept clean and free of contaminants through efficient drainage.

We maintain SOPs for all instruments and log books are monitored based on usage . The maintenance of the instruments is done whenever required based on necessity & contract.

**Special Labs:** To promote the research culture among faculty and students, we have established the Centre for Molecular Cancer Research (CMCR), Cognitive Research lab, Centre for nanotechnology and Spirulina cultivation facility for nutraceuticals development. CMCR laboratory certified by ISO 9001:2015 for Quality management system.

**Library:** A total of 150 square feet is devoted to the Library with a total seating capacity of 100 with different sections & established e-facility with xerox .

**Computing facility:** The college has 93 computers, 10 laptops, and two high-end Rack servers for the use of faculty and students. Our campus has an uninterrupted 40Mbps internet connection. The "Sophos" Firewall provides protection against security threats at the gateway level. The institute has an **Innovation Cell** to encourage students to develop innovative ideas.

**Placement cell:** An on-campus and off-campus placement cell has been established to handle drives and recruitment. The institution also conducts CRT training for students.

**Herbal garden:** As part of its curriculum, the college has a well-maintained herb garden where students learn about identifying medicinal herbs. the plants/tress are geo tagged. Green house facility is available.

**Drug Museum:** College has also provided a well stacked museum as per the requirement of Pharmacy Council of India.

**Animal house:** Animal house maintained as per CPCSEA guidelines/norms.



**Seminar Hall:** AC seminar hall with a seating capacity of 172 is available for students for conducting seminars, trainings, National & International events.

The institute has provided ramp for easy movement of wheel chairs for differently-abled persons including toilets.

The campus is monitored by 25 CCTV cameras for security and safety. Institute has centrally located generator facility of 250 KVA.

The institution has established **MSME business Incubator, UBA cell, NSS unit, IPA local Branch and IPA SF** for inculcating the service oriented attitude among students for their all round development

**VEDIC:** Vishnu Educational Development and Innovation Centre is a unique residential campus established in 2016 with the vision to nurture and empower the faculty and students as leaders in order to transform the educational experience to be relevant to the workplace of today and the future.

#### **Supporting Facility:**

Administrative works like fee collection, communicating to the parents and staff are computerized through PCAP software. Purchases of chemicals, glassware, equipment, furniture, etc are computerized through PACT software.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

#### **4.1.2 The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.**

##### **Response:**

The College is well known for its student's performance in various intercollegiate cultural programs and sports meets. All the achievements are possible only because of the facilities provided and encouragement given to the students by the institution for extracurricular and co-curricular activities. The Institution has a centralized sports complex for outdoor sports and indoor games

##### **Sports & Games**

The Institute aims at providing a safe and healthy atmosphere for its students and staff members. The Physical Education Director is functioning well and supports the facilities for playing and practicing various games like Athletics, Cricket, Football, Badminton, Volley ball, Basketball, kho-kho, Shuttle, Kabaddi. The college has also constituted "Student council" to enrich extracurricular activities to enhance the nobility and leadership qualities in extra-curricular activities. We have a centralized sports ground to conduct annual sports meet. The annual sports meet is completely organized by the students which gives them an excellent opportunity to enhance their leadership qualities and managerial skills. The physical instructor supervises and guides the sports and games activities. The college maintains state-of-the-art

infrastructure facilities to fulfill the objectives like physical, social, emotional and spiritual development of students.

Sport Uniforms are provided for all the players who represent the college. In order to provide an opportunity to exhibit their talents, inter-department tournaments for the students are organized . An intercollegiate Sports Meet-Vishnu Cup is organized once in a year. Around 12-15 colleges will participate in the event.

### **Gymnasium**

An exclusive Gymnasium provides physical fitness and weight loss programs. A number of ultra-modern equipment is available like Treadmill, exercise cycles, fold down weight bench, dumbbell, weights, skipping ropes and handgrips.

### **Yoga**

Practicing yoga helps to engineer a deep lasting personal transformation. An exclusive facility is provided with a dedicated professional yoga teacher for training both the students and faculty members.

### **Cultural Clubs & Activities:**

The institution offers a good opportunity for the students to come out with their talents. The various cultural activities conducted annually include Traditional Day, Fresher's Day, Annual Day and Women's Day.

Various events on the above said occasions include:

Essay writing, drawing competitions and quiz on Pharmacist's Day

Essay writing Debate , quiz, memory game and library book hunt for Library week celebrations

Cricket, throw ball, badminton, etc., for girls and boys, singles/doubles competitions for annual Sports Day

Rangoli, Mehendi Designing, competitions during Sankranti celebrations/ local festivals.

The various Clubs are as follows:

- 1.Literacy club
2. Hogwarts club
3. Humor club
4. Photography club

The above facilities are also available to all students beyond the regular working hours of the institution.

### **AUDITORIUM**

The college has both indoor and outdoor auditoriums. Indoor Auditorium is spacious with a stage, audiovisual facilities, green room facilities and seating capacity of 172. The facilities are adequate to conduct events such as seminars, symposiums, workshops as well as cultural festivals. Outdoor Auditorium also available to conduct the mega-events of the academy such as the annual day, graduation ceremony, co-curricular & extracurricular activities.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

#### **4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)**

**Response:** 69.23

##### **4.1.3.1 Number of classrooms and seminar halls with ICT facilities**

**Response:** 9

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>

#### **4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)**

**Response:** 15.26

##### **4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
13.2	27	18.5	28.5	118.31

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	<a href="#">View Document</a>
Upload audited utilization statements	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

### 4.2.1 Library is automated using Integrated Library Management System (ILMS)

#### Response:

The Library is located in the R.K.Venkataraman block of the campus with a total area of 150 sq.m,. The library is user-friendly to all students and faculty members. The digital library is equipped with 10 computers with internet facility and a bandwidth of 40Mbps. Reference books can be studied only in the library. Photocopier facility available at Library The library staff assists any visually/physically challenged person in getting the book of their choice. We have a Library committee for the campus. The committee plays an important role in increasing the no. of online databases, e-books, print journals, magazines, books and other resources to provide the better services.

It has a vast collection of over 10922 volumes and 1466 titles and subscribes to 18 International, 24 National Journals, 393 e-journals & 10 Magazines. The total seating capacity of the library is 80. Library Staff members, qualified in Library Science are dedicated to put their best efforts to satisfy the requirements of the students and faculty members. The Digital library is equipped with computers and high speed internet facility.

We celebrate National Library Week in every year on 14-20th November. We are conducting several programs like Books hunt, memory game, quiz & Essay wring etc. to motivate the students and use Library facilities. Based on the idea that once people were motivated to read, they would support and use libraries.

**Earn while you learn scheme:** Under the scheme two students will be employed as library in charge in the college. They have to monitor library from 4:00PM to 8:00PM

**Library Automation:** The library is partially automated with PCAP in 2012, Version 2.0. All the transactions in the library are performed through ECAP Automation Software.

- **ILMS Software PCAP (installed – 2012)** provides a very user-friendly interface for searching documents in the library and their issue-status.
- **Name of the ILMS software: PCAP**
- **Nature of automation ( partially/fully) : partially Automated**
- **Version: 2.0**
- **Year of Automation: 2012**

It also supports the process of stock verification and book bank for students. Maintenance support is provided in the case of binding, loss, replacement, missing, withdrawal of books etc.

OPAC (open public access catalogue) , It helps students to search the books availability in the library.

**Digital Library:** The provision has been made for users to access e-resources and online journals like DELNET seamlessly either using their own laptops or a sufficient number of desktop computers with the help of LAN/Wifi in the library.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

#### 4.2.2 The institution has subscription for the following e-resources

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases
- 6.Remote access to e-resources

**Response:** B. Any 3 of the above

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	<a href="#">View Document</a>

#### 4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

**Response:** 3.28

##### 4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
1.39	2.56	6.13	2.69	3.65

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	<a href="#">View Document</a>
Audited statements of accounts	<a href="#">View Document</a>

#### 4.2.4 Percentage per day usage of library by teachers and students ( foot falls and login data for

online access) during the latest completed academic year

**Response:** 1.06

4.2.4.1 Number of teachers and students using library per day over last one year

**Response:** 5

File Description	Document
Details of library usage by teachers and students	<a href="#">View Document</a>

### 4.3 IT Infrastructure

**4.3.1 Institution frequently updates its IT facilities including Wi-Fi**

**Response:**

The Vishnu Institute of Pharmaceutical Education and Research was established in the year 2007 affiliated to JNTUH. The college installed its internet facilities from 2007 onwards. All classrooms are enabled with LAN facilities, multi-media room, faculty rooms, Principal's cabin, examination cell, college office and college library are Wi-Fi enabled. There are 93 computer systems, 07 projectors and 1 high-speed internet connection. Generators are installed for complete power back-up. In September 2020 Internet connection speed was upgraded to 40 MBPS.

Institute broadcasts its events on Institutional YouTube channel and Social Media platforms like Facebook & Instagram

S. No.	IT Facility	Excisiting	Updated
1	computers	Lenovo i3@3.40ghz, 4gb ram, 500gb hdd	i3 9th generation 4gb ram, 1tb hdd
		Acer interl P4, 3.00ghz, 2 gb ram, 500 gb HDD	i5 8th generation 4 gb ram, 1 tb hdd
2	Projector	Epson model EB-x31	Hitachicpdx250
			Panasonic PtLx22
			Casio XJ
			Panasonic
			Sanyo
3	Broadband	20MBPS	40MBPS
4	Camera	NVR UNC-4K4324-V2	Cp-NVR UNC-4K4324-V2 Cp-

		CPPLUS BULLET Cp-unc-ta2013s-600	CPPLUS BULLET Cp-unc-ta2013s-600
5	UPS	10kva make delta	10kva make delta
6	Library software	PCAP	PCAP
7	Experimental Pharmacology software	Ex- Pharm Series	CAL Pharm Interactive USB Drive for Experimental Pharmacology
8	Printers	HP laserjet 1020 Canon LBP 2900 HP m1005	HP laserjet 1136 Canon ir44225 Epson color Xerox work centre 5325
9	Router	Netgear WINDAP360 (3)	Netgear N600 (2)
10	Cyber security	Sophos" Firewall	Sophos" Firewall

College website: [www.viper.ac.in](http://www.viper.ac.in)

[https://www.instagram.com/invites/contact/?utm\\_source=ig\\_contact\\_invite&utm\\_medium=user\\_system\\_sheet&utm\\_content=monk9oe](https://www.instagram.com/invites/contact/?utm_source=ig_contact_invite&utm_medium=user_system_sheet&utm_content=monk9oe)

[https://www.youtube.com/channel/UCXeE6s6O-jv6Ra36\\_RCMzGw](https://www.youtube.com/channel/UCXeE6s6O-jv6Ra36_RCMzGw)

<https://www.facebook.com/VishnuInstituteOfPharmaceutical/?ti=as>

File Description	Document
Upload any additional information	<a href="#">View Document</a>

#### 4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Response: 4:1

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Student – computer ratio	<a href="#">View Document</a>

**4.3.3 Bandwidth of internet connection in the Institution****Response:** B. 30 MBPS – 50 MBPS

File Description	Document
Upload any additional Information	<a href="#">View Document</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View Document</a>

**4.4 Maintenance of Campus Infrastructure****4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)****Response:** 91.22**4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
189.20	320.94	279.27	191.11	182.94

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View Document</a>
Audited statements of accounts	<a href="#">View Document</a>

**4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.****Response:**

Facilities on the campus are protected and maintained. Campus operation, development and planning for improvement are taken up by the Infrastructure & Maintenance Committee. The committee also addresses the internal processes, after discussion, defines a process for request, approval and generation of finance for implementation. Maintenance and utilization of the infrastructure at the institution is looked after by the support systems in addition to the institutional committees. Complaints and suggestions dropped in the Complaints and Suggestion Box are collected by the committee for further rectification

**Physical Facilities:**



Our Institute has a supporting team to render the technical assistance for construction and building maintenance. They take care of plumbing, electrical and air-conditioning works under the supervision of skilled technicians.

- The Maintenance committee look after the activities like maintenance, repairs, and general upkeep of the college building, property, drainage, water facilities, disinfection and sanitization.
- The committee makes recommendations to the Principal on matters of facilities, management and maintenance.
- Physical infrastructure of the college campus is checked regularly and the repairs may be in the form of painting, repairing tiles, plumbing, electricity etc will be done regularly..
- Housekeeping staff are allotted to maintain college cleanliness in classrooms, laboratories, seminar hall, staff rooms, Principal room, office room and the college ground. Girl's common room & rest rooms are well maintained .Dust bins are placed wherever necessary.
- Generators, air conditioners, CCTV cameras are regularly monitored by skilled work force.
- Electrical, plumbing and carpentry repairs are carried out by the concerned departments from our society.

#### **Laboratory:**

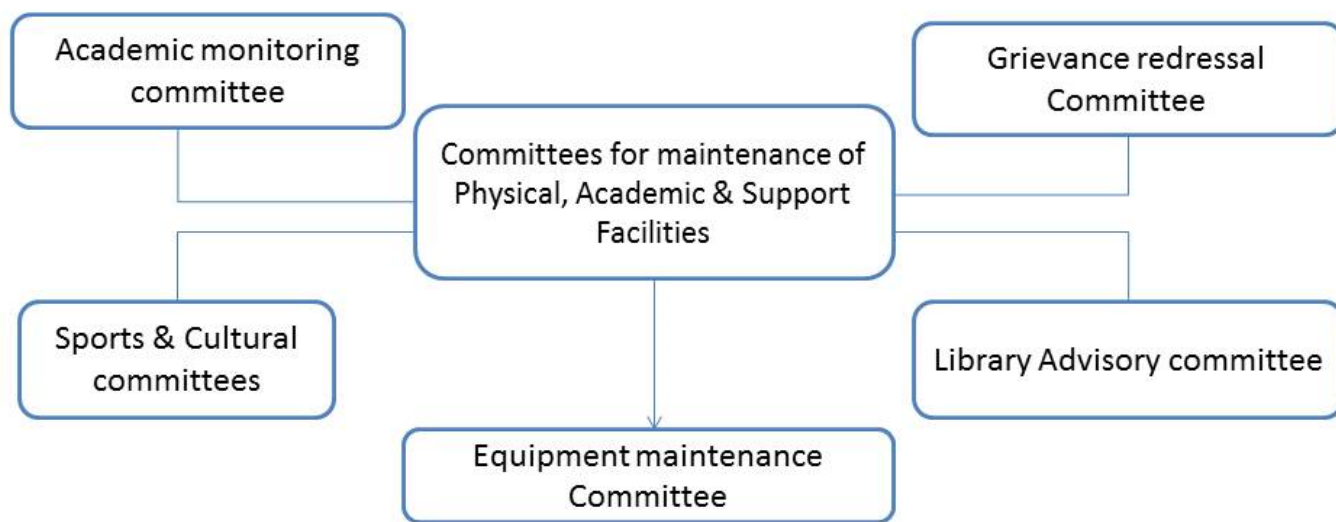
- There will be an in-charge for each department, who maintains the stock register by physically verifying the items throughout the year.
- Stocks and records of all laboratories are maintained by lab technicians under the supervision of department staff members.
- Department wise annual stock verification will be done by concerned Head of the Department /Principal.
- The calibration, repairing and maintenance of sophisticated lab equipments are done by the technicians.
- Exhaust fans, fuming cupboard, electrical connections are regularly checked. Gas connections, water taps and drainage lines are routinely monitored. The leaked pipes and taps are changed whenever required.
- A Breakdown Register is maintained in the laboratories as per the requirement,
- Minor repairs are carried out by the lab assistant of the specific laboratory
- Animal house is maintained properly by the allotted staff to monitor, feed the animals regularly and check the working of air conditioner.

#### **Computer and Accessories Maintenance:**

##### **Computers:**

- Centralized computer laboratory is established in the campus to facilitate the students for free access to Internet
- The college has adequate number of the computers with LAN facility
- Regular maintenance of Computer Laboratory is done by Laboratory Assistant along with Laboratory attendant and they are headed by the faculty in-charge.
- The System Administration team takes care of the maintenance of computers, LCD Projectors, Printers and the networking.
- They also maintain Internet utilization, firewall maintenance and CCTV Security Systems.

- Antivirus and other problems are rectified immediately whenever encountered
- The institute is committed to install, upgrade and maintain a well-equipped ICT infrastructure for efficient academic and administrative work. Updating the College Website is carried out regularly by the IT Committee in-charge with the support of faculty incharge
- Trouble shooting is taken care by the System Administrator whenever necessary.



#### **Library:**

- The required list of books will be collected from the respective faculty in a prescribed format and checked by the HODs. The Library committee along with Principal meets once in a semester to discuss and approve the procurement of books based on the requirements.
- A provision of the budget for the library maintenance is made by the college management.
- The maintenance of the reading room and stock verification of library books is done regularly by library staff.
- Every year in the beginning of semester, students are informed to register themselves in library to use NPTEL, SWAYAM & NDLI, .
- The proper account of Library visitors (students and staff) on daily basis is maintained.
- Old books are identified and sent for binding periodically to prevent further damage of the books.
- Internet connectivity is monitored regularly by the system administrator.
- Staff and student entry registers and the registers for the usage of digital library are maintained separately.

#### **Sports:**

- Sports and Games is an internal part of the college and coaches are available for the students.
- Adequate infrastructure for Indoor Badminton, 400 meter running track, cricket stadium, volley ball and throw ball courts which can be used by student and staff .
- All Sports amenities such as playgrounds, courts, outdoor and indoor facilities are under the control of physical director.
- The Sports Committee takes the responsibility of purchase of sports items with the approval of

**Principal**

- Proper dress code is mandatory while participating in sports activities.
- Physical trainer train the students for inter college competitions.

**Other Maintenance Activities:**

- Maintenance of gardens and plantation are done by gardeners
- Fire extinguishers are maintained and Fire safety system is established throughout the campus.
- Cleanliness of class rooms, corridors etc., are maintained by the housekeeping staff.
- Suggestion box is maintained

**COVID 19 guidelines:**

To ensure the safety of our entire campus community, all faculties, staff, and students are fully vaccinated for COVID-19.

The following public health measures are following to reduce the risk of COVID-19 by all (faculty members, employees, students and visitors) :

- Physical distancing is practicing
- Use of masks made mandatory.
- Frequent hand washing with soap even when required.
- Use of alcohol-based hand sanitizers.
- Self-monitoring of health by all and reporting any illness at the earliest.
- Spitting is strictly prohibited.
- Installation & use of Aarogya Setu App is advised wherever feasible

File Description	Document
Upload any additional information	<a href="#">View Document</a>

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

#### 5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 56.21

##### 5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
239	242	242	241	253

File Description	Document
upload self attested letter with the list of students sanctioned scholarship	<a href="#">View Document</a>
Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)	<a href="#">View Document</a>

#### 5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 5.7

##### 5.1.2.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
13	28	33	39	10

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Number of students benefited by scholarships and freeships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View Document</a>

### 5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

**Response:** A. All of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View Document</a>
Link to Institutional website	<a href="#">View Document</a>

### 5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

**Response:** 81

#### 5.1.4.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
387	442	337	329	256

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 5.1.5 The Institution has a transparent mechanism for timely redressal of student grievances

**including sexual harassment and ragging cases**

- 1.Implementation of guidelines of statutory/regulatory bodies**
- 2.Organisation wide awareness and undertakings on policies with zero tolerance**
- 3.Mechanisms for submission of online/offline students' grievances**
- 4.Timely redressal of the grievances through appropriate committees**

**Response:** A. All of the above

<b>File Description</b>	<b>Document</b>
Upload any additional information	<a href="#">View Document</a>
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View Document</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View Document</a>

## 5.2 Student Progression

### 5.2.1 Average percentage of placement of outgoing students during the last five years

**Response:** 32.94

#### 5.2.1.1 Number of outgoing students placed year - wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
34	46	34	42	40

<b>File Description</b>	<b>Document</b>
Upload any additional information	<a href="#">View Document</a>
Self attested list of students placed	<a href="#">View Document</a>
Details of student placement during the last five years (Data Template)	<a href="#">View Document</a>

### 5.2.2 Average percentage of students progressing to higher education during the last five years

**Response:** 135.65

#### 5.2.2.1 Number of outgoing student progression to higher education during last five years

Response: 156

File Description	Document
Upload supporting data for student/alumni	<a href="#">View Document</a>
Details of student progression to higher education (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 96.52

#### 5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
60	60	38	35	35

#### 5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
66	64	40	35	34

File Description	Document
Upload supporting data for the same	<a href="#">View Document</a>
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 5.3 Student Participation and Activities



**5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.**

**Response:** 20

**5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
2	1	7	6	4

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	<a href="#">View Document</a>
e-copies of award letters and certificates	<a href="#">View Document</a>

**5.3.2 Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)**

**Response:**

Every academic year, active students from both the UG and PG levels are selected to form a student council. Nominated members will be selected based on their interest and active participation in college. Finalizing the membership will be decided by the principal, HODs, and faculty. All students who are involved in college activities gather here to discuss, plan and execute events.

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.

Members of the council contribute to the smooth running of academic as well as extracurricular activities at the college. Their role is to facilitate student involvement in college activities and, therefore, to facilitate inclusive education and the transformation of the institution into a center of excellence.

Student members provide ideas and suggestions for enhancing the quality of student life and encouraging their participation in meetings. Members of the Student Council provide information to students about the support services available at the college. The opinions, suggestions, and feedback of students are taken into



consideration.

The HODs and class in-charges, who interact regularly with students and class representatives, share information about student support services available in the campus.

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 are formed with few students of B. Pharmacy of all years like THE YES EFFECT, LIVE COMEDY, VIPER MEDIA AND 4D CLUB to motivate the students and to strengthen leadership skills in various activities of the college.
- 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, prechristmas 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

File Description	Document
Upload any additional information	<a href="#">View Document</a>

### 5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

**Response:** 17.6

#### 5.3.3.1 Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
8	21	18	23	18

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Report of the event	<a href="#">View Document</a>
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	<a href="#">View Document</a>

## 5.4 Alumni Engagement

### 5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

#### Response:

A registered alumni association exists at our institution. The mission of the association is to foster an atmosphere of fraternity and interaction among alumni of the institute.

Alumni meetings are held every academic year, and alumni periodically visit the institution. During the alumni meet, we collect feedback from alumni on overall facilities, institution development, placements, and industrial visits.

Based on feedback from alumni, we have organized more guest lectures with eminent speakers from industry institutions. Add-on courses were also implemented that would supplement industry demand for CRT classes.

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.

A significant portion of our placements and trainings are provided by alumni. Few alumni have gone on to become successful entrepreneurs. In terms of industry institution interactions, such as internships, training, and placement, they help us.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

**5.4.2 Alumni contribution during the last five years (INR in lakhs)****Response:** E. <1 Lakhs

File Description	Document
Upload any additional information	<a href="#">View Document</a>

NAAC

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

#### 6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

##### Response:

**Vision:-** It is our endeavor to impart best knowledge and practical skills to young pharmacy professionals who can contribute to the Healthcare industry.

**Mission:-** To impart Pharmaceutical care to the society by providing quality education and inculcating the moral and ethical values to the students

**Pharmaceutical care:** To meet societal needs for safe and effective drug therapy by imparting advance knowledge, attitude and skills

**Quality Education:** To provide quality education that effectively integrates outcome based, self-learning strategies and leadership skills through practice and research.

**The moral and ethical values:** Inculcate core ethical values and enable the students to reflect human values in the health sector.

Vishnu Institute of Pharmaceutical Education and Research has a well-defined vision to meet the contemporary needs of society in general and the Pharmacy profession in particular. The goal of the institution is to be a center to turn out well-qualified Pharmacy professionals and to inculcate ethical and moral values. To accomplish the stated vision the institute has a well structured road map as the mission of the institution. Providing conducive academic ambiance and providing opportunities to students for co-curricular, extracurricular and outreach activities that can inculcate social awareness, sense of involvement, ethical values and moral values are the two basic principles to realize the stated Mission and Vision To accomplish the cherished mission VIPER management plays a proactive role by setting targets for development, providing management support for scientific administration of the Institution. At the College level, VIPER has established an effective system for planning, execution, monitoring Institutional activities, involving all stakeholders including staff, parents, students, alumni and industrial experts. The College has a well-balanced perspective plan for development with the vision and mission as guiding principle, to set targets that include enhancement of facilities, strengthening research, enhancing students' moral and ethical values while ensuring the quality of education and wholesome development of students. The perspective plan is prepared by Principal in consultation with senior faculty members and the Principal plays a proactive role to accomplish the set target by coordinating with management and by providing administrative support to teaching and non-teaching staff. Complete decentralized administrative set up has been established. All the activities of the college are carried out by empowered committees, in-charges and faculty members. All the teaching staffs are members of one or another committee. Another stakeholder via students, parents, experts from industry and local social activists are also made members in the committees. The committees work independently, making their own protocol and plan of action so that the curricular, co-curricular, extracurricular and extension activities go on seamlessly. Empowered Principal, HOD's and in charges monitor the academic and research activities and take corrective action wherever needed, VIPER is well aware of the fact that Participative Decision Making is the most powerful

component of the whole management process and that teacher participation in decision making not only facilitates decision implementation but also leads faculty members to feel respected and empowered. Further, such participation results in building trust, helps teachers acquire skills, strengthen staff morale, commitment and teamwork.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

### 6.1.2 The effective leadership is visible in various institutional practices such as decentralization and participative management

#### Response:

**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 programs 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 and IQAC.

**Faculty Level:** Faculty members are selected in various committees by IQAC, 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. 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. 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.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

## 6.2 Strategy Development and Deployment

### 6.2.1 The institutional Strategic / Perspective plan is effectively deployed

#### Response:

**Teaching and Learning :** The following are the measures adopted by VIPER for enhancement of Teaching and Learning process:

- Orientation / Motivation Class
- Micro- level teaching plan
- Smart class rooms with LCD Facilities
- Assignments
- Co- curricular and Extra- curricular activities
- Feedback on faculty by students
- Conduct of workshops, technical symposiums etc.
- Encouragement to attend workshops, technical symposiums etc.
- Industrial visits
- Internships, MOU's, Tutorials, Remedial Classes ,Guest Lectures, Content Beyond Syllabus.
- Counselling and Mentoring System

#### Counselling and Mentoring System:-

VIPER has implemented Student Counselling and Mentoring system which is successfully running and creating a very good interaction and bonding between faculty and a student.

Every faculty is allotted with 16 students, Alloted respective faculty will interact with their students and faculty will have complete information about their students like his/her personal background, family background, his/her interests and his/her goals. Counselling book will be allotted for every student which is maintained by their respective faculty. Book contains all the information about the student (Name, Photo, signature, parents information, address, goals, interests, marks of every exam conducted and attendance percentage).

Student mentoring is conducted once in a month or on the announced dates by the Student counseling in-charges. In that period of time faculty enquires their students about their Academic problems, non-academic problems and also their personal problems which is maintained confidential by the faculty. This brings out a trust and belief relationship on the faculty to students. In return Faculty motivates them to study well and build up their career, they suggests them depending on the problems they share, they keep continuous monitoring on the students and make sure that they are following their suggestions and planning their academics according to that.

Mentoring with Parents:- Faculty along with student they keep interacting with the parents of their allotted students. Faculty make calls to their parents and inform about their academics performance and their attendance percentage. They keep informing about the schedules of Parent-Teachers meeting. Parents also keep continuously informing their child performance to the counselling faculty and also ask suggestions about higher studies and all the doubts they have. By this mentoring system Faculty not only with the students they also have continuous interaction with the parents,so by this both parent and teacher together involves in making the student to lift his career which is one biggest asset of VIPER.

In lockdown Student mentoring was done through telecalls to discuss regarding fee dues, online classes, and their personal whatsapp groups created by their respective faculty. Meeting with parents was conducted through teams.

Through this Student Counselling and Mentoring system the problems of the students and parents were immediately solved by respective actions taken and percentage of students in academics is increased due to continuous interaction and free mobility with the faculty. Attendance percentage is increased, Participation of students in various workshops, webinars, conferences has become regular along with their academics with the motivation of their respective mentors.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
strategic Plan and deployment documents on the website	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

**6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.**



**Response:**

Vishnu Institute of Pharmaceutical Education and Research has an effective and efficient organizational structure. The college is affiliated to “Jawaharlal Nehru Technological University - Hyderabad” and also approved by the AICTE and PCI, New Delhi. College has well defined organizational structure with the Chairman followed by the governing body, Principal with teaching and non-teaching faculty and the administrative setup.

The following positions in the Teaching departments:

- a. Principal
- b. Head of Department & Professors
- c. Associate Professors
- d. Assistant Professors

Administrative department.

1. Administrative Officer
2. Accountant
3. Office Assistant
4. Lab Assistant
5. Librarian
6. Attender

**Appointment rules and procedures:-**

The appointment procedure of faculty is stipulated by AICTE for each cadre in Pharmacy departments are strictly followed for recruitment by the college. College constitutes the Selection Committee consisting of Professors in the concerned departments and experts from JNTU. The teaching staff members are referred to the University Selection Committee (SCM) for conducting interviews towards ratification of their services.

**Promotion Policy:-** All promotions shall be considered on the basis of merit cum seniority basis. The Principal along with HOD's shall consider promotion of teaching staff on the basis of the guidelines as per AICTE norms. however, he/she had completed the years of service in the present position as prescribed below and should have obtained AICTE/PCI prescribed qualification upon verification of scores.

**Increment Policies:-**

Staff Members are eligible to the increments prescribed at the end of 12 months service in the Institution as per UGC Appraisal system. Additional Increments shall be given to staff members based on their contributions and results achieved in the University Examinations, publications, patents, etc.

**.Leaves Policy:-**



- 12 days of casual leave
- 12 days of earned leave
- A female employee may be granted maternity leave for six months on full pay for a period of 60 days from the date of its commencement.
- Vacation will be declared at the end semesters in each academic year, up to one month or more based on university academic calendar with one year of experience. Those who have put in less than one year of experience will get a proportionate vacation.

The Principal along with account officer and other administrative staff down the line is responsible for overall development of academic and administrative development of the institute. The institute has constituted IQAC as per the NAAC guidelines. The institute has various committees like:

1. Internal Quality Assurance cell
2. Academic Monitoring committee
3. Student Council committee
4. Institute R & D Committee
5. Grievance redressal committee
6. Discipline committee
7. Anti-Ragging Committee
8. Women Welfare/sexual harassment eradication committee
9. Examination Planning and malpractice committee
10. Library Advisory committee
11. Equipment Maintenance committee
12. Hostel Committee
13. Training and Placements committee
14. Transport committee
15. Canteen committee
16. Sports and cultural committee

All these committees make students and staff to make decisions and to be in a good progress of college in all aspects.

File Description	Document
Link to Organogram of the Institution webpage	<a href="#">View Document</a>

### 6.2.3 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

**Response:** A. All of the above

File Description	Document
Screen shots of user interfaces	<a href="#">View Document</a>
ERP (Enterprise Resource Planning) Document	<a href="#">View Document</a>
Details of implementation of e-governance in areas of operation, Administration etc	<a href="#">View Document</a>

## 6.3 Faculty Empowerment Strategies

### 6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

#### Response:

- Annual assessment of faculty is done through Faculty Self Appraisal Performa for teaching and non- teaching staff.
- Financial support and guidance is given for carrying research activities, attending seminars,FDP's,workshops and conferences, presenting papers in conferences and publishing papers in reputed journals, travel grants.
- Incentives were given to the staff who publish articles in reputed journals and for Patent Grants.
- Faculty members are encouraged to apply for higher studies.
- Special salary Increments is given for the faculty after completion of PhD
- Faculty are motivated to send research proposals to various funding agencies.
- Employee's Provident Fund (EPF) :-Institution provides with additional EPF amount for teaching and non-teaching staff along with the amount which deducts from their respective salary.
- Medical Insurance facility is provided to both teaching and non-teaching staff
- Residential Accommodation is provided for both teaching and non-teaching staff at affordable prices.
- Fee Concession is given in the school fees for teaching and non-teaching staff's children in Vishnu High School which belongs to our Society.
- Concession in transportation fee is provided to teaching and non-teaching staff.
- Institution in Collaboration with various companies like Dr.Reddy's Laboratories, Granules India Ltd., does varous training programs. Additional pay will be given for the faculty who involve in this training program.
- Female faculty can avail 6 months maternity facility with 2 months paid salary.
- Medical services are provided for teaching and non-teaching staff and also for their family members at CENTENNIAL HEALTH CENTRE.
- Free Gym facility, Sports auditorium for indoor and outdoor games, yoga sessions are available for the staff and also for the family members of staff who resides in the quarters.
- OD's will be given for the faculty for attending conferences, workshops, seminars, for evaluation of exam papers in the university, as observers and as externals to other colleges.
- 12 Casual leaves and 10 Earned leaves will be disposed to both Teaching and supporting staff.
- Gratuity will be paid to an employee at the end of period of employment for 5 Years.
- 24hrs backup for power and R.O. water is provided for the staff and students.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

### 6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

**Response:** 52.3

#### 6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
15	30	28	14	13

File Description	Document
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	<a href="#">View Document</a>

### 6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

**Response:** 0.6

#### 6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1	2	0	0	0

File Description	Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	<a href="#">View Document</a>

### 6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course ).

**Response:** 33.82

**6.3.4.1 Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
22	23	9	4	6

File Description	Document
IQAC report summary	<a href="#">View Document</a>
Details of teachers attending professional development programmes during the last five years	<a href="#">View Document</a>

**6.3.5 Institutions Performance Appraisal System for teaching and non-teaching staff**

**Response:**

- Annual assessment of faculty is done through Faculty Self appraisal Performa for teaching and non-teaching staff.
- Appraisal is given based on their performance in the past year.
- The following points are considered in the appraisal form:-
  - Pass percentage of their respective subject taught in previous year
  - Based on articles published in reputed journals
  - Conferences, FDP's, Workshops, courses attended.
  - Based on the projects collaboration with industries.
  - Based on the feedback given by students which is collected from them in every semester.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

**6.4 Financial Management and Resource Mobilization**

**6.4.1 Institution conducts internal and external financial audits regularly**

**Response:**

The Internal and External audit are carried out to ensure effective and efficient use of Financial resources. There is a proper allocation and utilization of financial resources. Qualified Auditors have been appointed to carry out Audits.

Internal Audit is conducted by the accounts department as well as Bhaskara and co. It will be done Quarterly.

External Audit is conducted by Manohar and Venkat CA. It will be done Yearly once.

Both audit departments will go through income and expenditure, staff Attendance registers, stock, inventories, lab equipment, staff salaries, leave particulars, budget, inward out ward register, Bank Reconciliations, Payment Vouchers, Fee Receivables (Tuition/Transport/Hostel), library books and scholarship details.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

#### 6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)

**Response: 1**

6.4.2.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0.2	0.8	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

**Response:**

The major sources of institutional receipt/ funding are Fees received from the students. The Tuition fee is collected from students got admission through the Government quota as well as students admitted in the

Management quota and the fee is as per the Government rules. No extra fee is collected from students admitted to the management quota. Students admitted under the NRI category also charged fees as per Government rules. Staff members are encouraged to apply for Research grants and seminar grants. VIPER receive research grants from DST, MSME, SERB, ICMR, AICTE, PCI, JNTUH and UGC. While taking steps to mobilise resources a system has been developed for judicious utilization of available funds. The yearly budget is prepared by the Principal in consultation with senior faculty members which is approved by the finance team and management.

The college allocates the available resources based on the projected requirements, keeping the curricular and beyond curricular activities, R & D, library, transport, and maintenance. The principal and head of the department ensures that allotted budget is spent as per their plans. The institution has the following mechanism to monitor the effective and efficient use of financial resources as per the norms of Government and University:

1. Institutes detail Budget.

2. Institutional receipts (tuition fee, prospectus fee, etc.) are properly deposited and utilized for students benefit such as laboratory, sports, identity cards, etc. This complete process is monitored by accounting staff and Principal.

3. The finances in the form of funds received from various agencies like SERB, DST, AICTE, etc. are deposited in bank accounts opened for that purpose only. These funds are properly utilized for the purpose for which it was granted. 4. Funds are specifically generated to purchase non-recurring goods for laboratory and construction and maintenance of buildings using following method: 1) Inviting Quotations 2) Preparing comparative statements 3) Negotiating with suppliers 4) Purchase of goods.

5. This system is scrupulously monitored by various committees.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

## 6.5 Internal Quality Assurance System

### 6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

#### Response:

IQAC has played a significant role in designing and implementing strategies to improve and sustain quality education. Moreover, IQAC identified and suggested new ways of using teaching aids, developing suitable infra-structure and providing suggestions to enhance the learning objectives. IQAC has been also thoroughly involved in helping the Management, the Principal and the other committees by offering valuable suggestions and effective measures to maintain consistency.



IQAC strengthened the research culture in the college: IQAC of the college has significantly contributed for rich culture among the faculty of the college. The faculty members of the college have been able to publish their research work in the journals of high impact factor and international repute.

Faculty members update their academic diary included in the Student Attendance Register for each subject and it is certified by the Principal at the end of every month after initial certification by HOD. The academic diary consist of information such as academic calendar, details of course objectives and course outcome, lecture planning, student attendance, weekly lecture details, practical plan, record of test, internal exams, mark list of internal examinations etc.

After the semester examinations, a thorough result analysis was done; result of every subject faculty in teaching is compared with the average result of Institution in a particular subject. The faculty members are asked to undertake extra efforts for weak students.

Different quality initiatives undertaken by IQAC:

- Sessions conducted in association with TASK titled “Organizational Skills & Interview Preparation Skills
- Conducted a seminar on titled “Drug development and clinical Pharmacy Challenges and opportunities in transforming “Pharma industry”.
- Conducted a workshop on “Modern Analytical tools: Applications of RP-HPLC in Pharmaceutical Research”.
- Employability skills Organized by TASK in association with Tech Mahendra.
- A workshop on “Design of Experiments” by Prof. Claire Komives, San Jose State University.
- Workshop on “Writing Effective Research Proposals”.
- Conducted a conference on “3D Printing Technology in dosage form design and drug delivery”.
- Organised different seminars, conferences and workshops on quality.
- Motivate the faculty to participate in conferences, paper publications, patent writing and books and book chapters.
- Motivate non teaching staff for higher education and effective participation in various seminars and conferences.
- Organising orientation programmes for first year students.

File Description	Document
Upload any additional information	<a href="#">View Document</a>

**6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities ( For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives )**

**Response:**

**Subscription of e-learning resources (NDLI):** Globally, the pharmaceutical institutes have already recognized the enormous potential of e-Learning, and are applying it too. Therefore on the recommendation of IQAC it was decided to promote the use of e-learning resources among the faculty members and the students. Therefore, a separate e-learning facility was created in the library of the institute by installing computers provided with internet facility. The college has subscribed e-learning resources like e-journal and e-books. Similarly college has facilitated subscription of National Digital Library for faculty as well as students. The success of this activity is reflected in the involvement of both faculty and students in the use of e-learning resources like e-books, educational animation and videos for enhancement of teaching-learning experience.

**Learning through the Journal club:** The institution has made a conscious effort to shift from the traditional teacher –centric approach to a student-centric one. The teachers act as facilitator and students play an active role in the learning process. One such effort was the Journal club that integrates student-centered, traditional in-class learning with other flexible learning methodologies using media and web-based online collaborative approaches in order to provide individualized, student-centered learning experiences for the students with increased access to educational content and flexibility. The Journal club enhances abilities of student's by including advancements related to research arena in the club sessions. Students learn about a subject through the experience of reference management and presentations. It allows for the development of other desirable skills and attributes. The process involves clarifying terms, brainstorming, structuring and hypothesis, learning objectives, independent study and synthesis.

NBA accreditation and NIRF Ranking

Consultancy Projects

Collaboration and MOUs with National and International Universities

More patent filing and publications in peer reviewed journals

Part of the Unnat Bharat Abhiyan (UBA)

Increasing number of student training programs like GPAT and NIPER coaching, CRT training classes, etc.



File Description	Document
Upload any additional information	<a href="#">View Document</a>

### 6.5.3 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements
- 2.Collaborative quality initiatives with other institution(s)
- 3.Participation in NIRF
- 4.any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

**Response:** B. 3 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	<a href="#">View Document</a>
Upload details of Quality assurance initiatives of the institution	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Paste web link of Annual reports of Institution	<a href="#">View Document</a>

## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

#### 7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

##### Response:

The vision of our society is to serve the rural and in particular women. Institute started its first college in 2001 in rural parts of Bhimvaram and now the campus houses the highest number of women in both telugu states. VIPER is serving the rural and has been advantage for women either in faculty and students ratio right from its inception.

Gender equality is one of society's most pressing issues. Gender equity promotion programmes are held by the institute on a regular basis. Guest speakers from a variety of fields are invited to address on issues that emphasizes the importance of women in society and their influence. The following are some of the institution's gender equity promotion programmes: VIPER has a strong ethical workplace culture that values diversity and inclusion. In all of its actions, it adheres to the highest ethical standards. Individuals are afforded equal opportunities. Because to its distinct work culture, healthy traditions, and ethos, 74% of students and 65% of employees are female. VIPER's top priorities include safety, protection, and well-being, as well as gender equality and a pleasant workplace environment.

Specific facilities provided for women in terms of:

##### (a) Safety and Security

- CCTV surveillance and well-trained security officers stationed across the campus under the supervision of a retired navy officer are alert 24 hours a day, seven days a week. There are security checks at numerous locations, including entry and departure points, as well as a sophisticated surveillance network with supervised control rooms and near hostels.
- Anti-Ragging and Mobile-Free Campus policies are strictly enforced.
- NSS rallies and camps to raise awareness about women's safety and gender sensitivity.
- Men and women have separate hostels with specialized wardens monitoring the students across the campus.

##### (b) Counseling

Each Faculty are assigned with 3 or 4 students during their I year and they will be mentored periodically till the completion of course for academic and other issues/problems. The staff also calls the parents frequently to share their update. Women welfare committee ensures to counsel students periodically and address the concern with immediate necessary action.

##### c) Common Rooms:

There are separate common rooms for men and women. The women's room is equipped with beds, recreational facilities like table tennis, carrom, etc. and provided with attached rest room.

File Description	Document
Link for annual gender sensitization action plan	<a href="#">View Document</a>
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="#">View Document</a>

#### 7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment

Response: B. 3 of the above

File Description	Document
Geotagged Photographs	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

#### 7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

Response:

VIPER is committed to producing less waste and recycling it by putting it through a mechanism that allows used materials to be repurposed. The Principal is identified as district sustainability mentor by MGMCRE to serve not only institution but also to help surrounding villages for "Swachhta Action plan".

**Solid Waste:**

The trash is collected by a variety of routine activities that take place in the college, such as paper, glassware, food, and so on. Each level and source of garbage is separated. The administrative supervisor ensures that waste is collected at predetermined intervals on each floor. In all the blocks of campus, the sanitary cleaners collect, scrub, isolate, and dump the waste in the dustbins provided. From each block the dustbins are scrubbed and carried to the dumping yard in moveable containers/dustbins allotted for each block.

As the campus houses 300+ trees, thus we ensure to reuse the leaves waste as fertilizers/ decompost for the trees by having specific areas.

**Liquid Waste:**

The College generates two categories of liquid waste:

1. Sewage waste
2. Laboratory and cafeteria waste

Sewage Treatment Plants (STPs) treat the aforesaid waste, and the water is used for horticulture and toilet flushing. Biomedical waste management will be processed with the support of centennial health center, SVES.

**E-Waste Management:**

Electronic equipment such as computer systems, televisions, mobile phones, printing machines, fax machine and Xerox machines generate flip flops, memory chips, motherboards, compact discs, cartridges, and other materials that are adequately recycled. Rather than purchasing a new gadgets and machine, the repurchase option is used for technology. Government-approved providers dispose of electronic trash produced by hardware that cannot be reused or recycled.

Waste recycling system is available

File Description	Document
Any other relevant information	<a href="#">View Document</a>
Link for Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View Document</a>
Link for Geotagged photographs of the facilities	<a href="#">View Document</a>

**7.1.4 Water conservation facilities available in the Institution:****1. Rain water harvesting**

2. Borewell / Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

**Response:** A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

#### 7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

**Response:** A. Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	<a href="#">View Document</a>
Geotagged photos / videos of the facilities	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

#### 7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions / awards
5. Beyond the campus environmental promotion activities

**Response:** A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View Document</a>
Certification by the auditing agency	<a href="#">View Document</a>
Certificates of the awards received	<a href="#">View Document</a>
Link for any other relevant information	<a href="#">View Document</a>

#### 7.1.7 The Institution has disabled-friendly, barrier free environment

1. Built environment with ramps/lifts for easy access to classrooms.
2. Divyangjan friendly washrooms
3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

**Response:** A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	<a href="#">View Document</a>
Geotagged photographs / videos of the facilities	<a href="#">View Document</a>

#### 7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

**Response:**

The institution creates an inclusive environment for everyone, fostering tolerance and concord in the face of cultural, regional, linguistic, community, socioeconomic, and other differences. Various sports (VISHNU CUP) and extracurricular activities held within the campus encourage unity among students. Days of commemoration, such as International Women's day, International Yoga day, International Cancer day, AIDS along with many traditional festivals like Traditional day celebrations during sankrathi festival, Vinayaka Chaturthi, Bathukamma, Dasara, Karthika vanbhajanalu Krishnashtami, are celebrated in the Institution. This creates opportunities for people of all racial, cultural, and pre-christmas is celebrated in grand manner to socialize peacefully.

Many grievance redressal cells exist at the institute, including the Student Grievance Redressal Cell and the Women Grievance Redressal Cell, which handle cases regardless of race or cultural differences. The institute has a well-defined code of ethics individually stated for students, faculty and other staff, for which all students and employees must adhere to by all personnel, regardless of their personal status, regional

background, communal socio-economic, or other variances.

As part of community service, the institute reaches out to community by providing awareness on various medical conditions surrounding rural areas and schools.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View Document</a>

**7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).**

**Response:**

Institute conducts various programs such as National Education day, Constitution day, Sankalp, elocution, essay writing competition on, rights, duties and responsibilities of citizens to inculcate the values within students. Various Awareness program on Iron deficiency, Say No to Plastic, Malnutrition & drug abuse and addiction will certainly helps the students to learn the practice of giving for the needy. Drug abuse and addiction program by gathering people in and around the nearby villages and explained them regarding the drug abuse and addiction. In present era, drug addiction is becoming more prevalent. Society today has seen a massive increase in drug use. It has the potential to either assist or hinder us in achieving our life goals and objectives. People often believe they are too intelligent, powerful, or in command to become addicted, yet addiction may trap anyone. It can cause injury to one's body, as well as troubles in the individual's family, society, and community.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	<a href="#">View Document</a>

**7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.**

- 1.The Code of Conduct is displayed on the website**
- 2. There is a committee to monitor adherence to the Code of Conduct**
- 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
- 4. Annual awareness programmes on Code of Conduct are organized**

**Response:** A. All of the above



File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting number of programmes organized reports on the various programs etc in support of the claims	<a href="#">View Document</a>
Code of ethics policy document	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

#### **7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).**

##### **Response:**

The institute has organized many cultural events like; International women's day was celebrated on 8th March at VIPER campus. On this day economic, cultural and political achievements of women were celebrated. Traditional day was conducted at VIPER in open auditorium. It is an eventful day where everyone including staff members and students comes in a traditional attire of their home state or any culture of their choice.

We also proudly celebrate republic day on January 26th every year. It is a red letter day in the history of our country. The Principal of our college host the national flag every year and give a motivational speech.

Every year International Yoga Day is celebrated on 21st of June. This program was initiated by our Principal Sir by giving a speech on the importance of yoga and physical exercise in daily life.

As a social cause institute took an initiative of “Free mask distribution program” in surrounding the campus and adjacent rural areas. All the students and faculty showed their interest and made it successful. We all went to nearby villages and distributed mask and sanitizers to the needy. The great initiative was implemented named “Sankalp” by VIPER where fist full of rice is donated every week by students and faculty who wish to contribute their donation for society.

The institute also celebrate cultural events like Ganesh Chaturthi at VIPER. It was a great fun for students and faculty at campus being a part of cultural gathering. The Vishnu Institute of pharmaceutical Education and Research celebrated 75th Azadi ka Amrit Mahotsav at campus open Audi.

The social cause for society imparted by VIPER is “Blood donation camp” which is an essential health effective cause for the society where both students and faculty take pride to donate the blood in this camp. It was organized with the help of Indian Red Cross society, Medak.

The institute take a part in conducting the constitutional activity held on 25-01-2021 as a 11th National voter's day at Viper Campus to spread the awareness and importance of VOTE among ours students.

The institute being a part of Pharma Hub took the cause to conduct The Digitalization challenges and opportunities for Pharma Health care which was organized to identify the need of Digitalization which can help pharmaceutical product manufacturers to keep their B2B clientele network up to date. The best



presentation was awarded by Chairman Sir. A webinar was conducted on Gas chromatography and explaining the instrumentation techniques.

File Description	Document
Link for Geotagged photographs of some of the events	<a href="#">View Document</a>
Link for Annual report of the celebrations and commemorative events for the last five years	<a href="#">View Document</a>

## 7.2 Best Practices

### 7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

#### Response:

#### 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 goals of this practice are to give health care professionals & patients with unbiased, well-referenced, and critically analyzed information on all aspects of drug usage, as well as to encourage patient health care through rational use of drugs. The medication data provides the entire 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, dosing pattern, formulation, route of administration, duration dosing of prescribed medicines, Safety of medicines during pregnancy, lactation, pediatric and geriatric population which leads to the rational use of drug.

##### 3. The Context

Problems that required to be solved in the development and performance of drug information centre (In about 150 words)?

Physicians in addition to knowing a newly approved medication its indication, benefit, risks. They must also remain updated on new knowledge concerning side effects, adverse drug responses, and other drug-related information. Further, many patients doesn't have any idea about basic drug information such what

drug they have been prescribed with, how it is going work? Misuse of medications can result in a variety of issues, including adverse outcomes, ineffectiveness, overdosing, and even death. Because medical professionals will be busy and flooded with information, they will not be able to communicate drug information with all patients. Many people will find it difficult and time-consuming to explain complex pharmacological information to patients. As a result, a forum to deliver drug information to the concerned practitioners on how to use pharmaceuticals safely and effectively is clearly needed.

#### 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 Center is made up of highly skilled individuals who are knowledgeable about drugs. The DIC is active on a regular basis. It has exclusive mobile connection, e mail contacts, Pamphlets are published in local language and distributed to all community pharmacy, private and government hospitals in Narsapur to which anyone can go for medicine information of any kind. In the next 12 working hours, the DIC will react to each enquiry and give the appropriate information. If new drug information is required, the essential data is gathered and delivered to those who need to know.

#### 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.

The Drug Information Center has made significant strides into the era of medical professionals and community as a whole. We have created a standard format for DIC reports. The documentation includes information about the enquirer, the query, the time it took to receive and provide the information, the specific data availed, and the references provided to answer the drug concerning questions. The essential data is studied and solved by our young graduate pharmacy students checked and countersigned by a superior authority for its authenticity, validity and appropriateness. Conduct a follow-up assessment to establish the usefulness of the information given and whether it resulted in any improvements in medication use or patient outcomes. Through this practice the students will expertise in patient counseling and enrich their skill which make industry ready.

#### 6. Problems Encountered and Resources Required

Please identify the problems encountered and resources required to implement the practice

(in about 150 words).

To establish accountability and defend the value of pharmacist care, pharmacists should log their services. The overall process of drug information practice has not changed as a result of increasing availability of medical information, both due to increased expertise and technological developments. To respond to a variety of DI demands, pharmacists must select relevant resources and stay current on new research and techniques. The major hurdles were faced while initially setting up the DIC resources. However now the informative resources such as medical and pharmaceutical references, drug database (micromedex),

Medline, ejournals access and online sites were sufficient in successfully addressing the issues. Through the Telangana State Pharmacy Council, Narsapur Community Pharmacist Association, and IPA Narsapur Branch's different continuing pharmacy education programmes, we were successful in reaching out to medical professionals and community pharmacists. It is necessary to encourage pharmacists to use such services on a regular basis and to raise public awareness.

## 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. The ability to network is a significant asset. Members of the club form bonds that aid in the advancement of their career. Students' affiliation with clubs aids in showing one's domain interest and achieving a balance between work and leisure. Overall development is possible when there are dreams/passion/desires meet with knowledge to become a good professional.

### 3. The Context

#### Challenging issues that needed to be addressed in designing and implementing Student Clubs

The formation of these clubs always aimed for the overall personality development of students 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. The heads/professionals in practise help in designing the context for student clubs. However, the faculty play a major role in motivating them and additionally soft skill speaker help them to actively participate. The students who lack interests in participating are taken care by counselling procedures.

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, on-stage and off-stage decorations committee, hospitality & discipline committee, registration committee, scientific committee & cultural Committee and ensure all the events to be a great success. The photography club includes active members who are highly efficient and are always willing to take photos of any VIPER events. They are continually on the lookout for new information and explore a wide range of topics related to student life on campus. While this is their prime aim, they also intend to produce unique videos.

## 6. Problems Encountered and Resources Required

Please identify the problems encountered and resources required to implement of students club

(In about 150 words).

The common 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 a deal, Keeping the interests and discomfort of topics in mind we worked on the them by beholding certain activities that tend to improve their tackling in ease ability To our surprise we made it through by having an effective communication through club meetings and gatherings.

The ambiguity and the information load was leading onto jumping conclusions as well as to handle the attitudinal differences between the clubs, there was a need of an experienced and authorized

individual to keep the team tight, It wouldn't have been possible unless there was a superior happen to be the backbone of each team , so there were professors assigned to each club to keep the stability and sanity of the club that was helpful through the process. They made sure the team knows the balance of making right choices for their own good. The absolute help from the Institute where in exploration among the students ideology played the major role eventually preparing them to be their best versions for the world out their and to be chosen among the competition one beholds.

File Description	Document
Link for Best practices in the Institutional web site	<a href="#">View Document</a>

### 7.3 Institutional Distinctiveness

#### 7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

**Response:**

#### **Cognitive Science and Research Initiative laboratories (CSRI)**

Cognitive Science and Research laboratories (CSRI) established as a cognitive and memory learning research centre in the campus of Vishnu Institute of Pharmaceutical Education & Research (VIPER), Narsapur, Telangana in the year 2015. The lab is being headed by Dr. Alluri Ramesh, Department of Pharmacology. The aim of the centre is to bridge the gap between neuro-science and life science research and understand of new moiety the pharmacological action as memory learning and enhancer. The focus of the research Centre will be to create and Screen new compounds that are purpose-built to interrupt specific memory learning processes or neuro behavior activity while avoiding harm to normal body functions.

We at CSRI working on various disciplines like Behavioral parameters, biochemical parameters, and Neuro biology to understand the current global state of neurodegenerative disorders and pharmacological screening of neuroprotective and memory enhancing molecules. The Cognitive Science and Research laboratory is playing a transformative role in the field of neuro-science research. The Centre has well sophisticated Stereotaxic facility and various *in-vivo* models to analyze behavioral parameters along with Auto analyser and Hematology Analyzer.

#### **CENTRE FOR NANOTECHNOLOGY**

##### **RESEARCH THRUST AREAS:**

- Nanotechnologies for drug delivery and therapy
- Drug nanoformulations
- Nanoparticles and polymers as drug carriers
- Diagnostic techniques
- Nanoparticles for food science

**Centre for Nanotechnology (CNT)** established as an interdisciplinary research centre in the campus of Vishnu Institute of Pharmaceutical Education & Research (VIPER), Narsapur, Telangana in the year 2020. The lab is being headed by Dr.K. Vanitha, Pharmaceutics. The aim of the centre is to initiate and pursue research activities in areas related to nanotechnology and nanoscale phenomena and collaborative research with other institutes and industries. It will benefit the medical research by making pharmaceuticals more efficacious and by decreasing their adverse side-effects .

**Nano technology in Drug delivery:** One application of nanotechnology in medicine currently being developed involves employing nanoparticles to deliver drugs to specific types of cells (such as cancer cells). Particles are engineered so that they are attracted to diseased cells, which allow direct treatment of those cells. This technique reduces damage to healthy cells in the body and allows for earlier detection of disease.

Nanotechnology has been applied to diverse medical fields such as oncology and cardiovascular medicine. Indeed, nanotechnology is being used to refine discovery of biomarkers, molecular diagnostics, and drug discovery and drug delivery.

### **Center for Molecular Cancer Research (CMCR)**

Centre for Molecular cancer research (CMCR) established as an interdisciplinary research centre in the campus of Vishnu Institute of Pharmaceutical Education & Research (VIPER), Narsapur, Telangana in the year 2016. The lab is being headed by Dr.V.V.S.Rajendra Prasad, Pharmaceutical Chemistry Department. The aim of the centre is to bridge the gap between Pharmaceutical and life science research and also to bring the multilayered process of cancer drug discovery on to single platform. The focus of the research Centre will be to create and Screen compounds that are purpose-built to interrupt specific biochemical processes while avoiding harm to normal cellular functions.

We at CMCR working on various disciplines like Medicinal chemistry, Computational chemistry, and Cancer biology to understand the current global state of drug discovery. The Centre for Molecular Cancer Research is playing a transformative role on this campus and well beyond our borders in the field of cancer research. The Centre has well sophisticated Cell culture facility and well equipped Life science research facilities along with Computational & Medicinal chemistry laboratories.

We provide third party consulting works in these laboratories.

File Description	Document
Link for any other relevant information	<a href="#">View Document</a>
Link for appropriate web in the Institutional website	<a href="#">View Document</a>

## 5. CONCLUSION

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### Additional Information :

Every student receives a comprehensive and individual experience that includes learning, teaching, exploration, innovation and entrepreneurial services. As a means of promoting education beyond the classroom, the institution organizes workshops and guest lectures on personality development of students. To develop life skills, students are encouraged to participate in health camps, awareness programs, and Swachh Bharat programs etc. The institution publishes Vishnu Era, a magazine covering all activities aimed at creating awareness among students and faculty for motivation. The campus has a medical centre and a pharmacy, which provide treatment and medicines at affordable prices for local residents as well. We have dedicated faculty, state-of-the-art infrastructure, well-equipped laboratories, research laboratories, a comprehensive library, residential hostels, transportation facilities, sports facilities, wellness centres, and an environment-friendly campus. A special appreciation award for the IPA Local Branch was given to the institution in the year 2020. We have obtained ISO-9001 certification for our Centre for Molecular Cancer Research laboratory, for our services include cell culture-based in vitro testing, analytical analysis, and formulation development. There is a Suraksha Independent Ethics Committee (SIEC) at our institution that provides ethical advice to physicians and labs involved with biomedical research in order to protect potential and actual human participants in the research. The society cater the needs of the surrounding villages by various activities under NAVYA (Narsapur Abhivrudhi Vikas Yojana Abhiyan) initiative

A visitor's book mentions the principal's and management's role in academic and administrative development, which has contributed to the institution's steady growth and produced transformations in the lives of many next-generation students. Through the coordinated efforts of the VIPER team, proactive leadership has enabled VIPER to develop and maintain effective educational programmes since its inception.

### Concluding Remarks :

We provide a comprehensive and individual experience for every student, including learning, teaching, exploration, innovation, and entrepreneurship. To promote education beyond the classroom, the institution organizes workshops and guest lectures on various advanced topics. Students are encouraged to participate in health camps, awareness programs, and Swachh Bharat campaigns to develop life skills.

Institution has a well-defined policy for research promotion and researchers have received financial support from government/non-government sources. A state-of-the-art research facility and specialized laboratories are available. By establishing an incubation center and entrepreneurship cell, the institution has created an ecosystem for innovation and entrepreneurship. In addition to producing a significant number of Ph.D.'s, the institute is also publishing research papers in Scopus/Web of Science with high citations. Institutions and industries in India and overseas have signed MoUs with us for academic, clinical training/internships, on-the-job training, project work, student exchanges and collaborative research. The Institute has UBA cell, NSS unit, and IPA local branch have all been established for students' all-around development. A distinctive residential campus established in our society with the vision of nurturing and empowering faculty, the Vishnu Educational Development and Innovation Centre (VEDIC).

The Institute has demonstrated its student-centric support through student councils, continuous feedback mechanisms, academic mentoring from teachers, and personalized counselling leading to overall personality development. Through annual gender sensitization action plans and providing women's facilities, VIPER initiated various measures to promote gender equity. The institution has facilities for the management of degradable and non-degradable wastes, including biomedical waste management and waste management provided by certified vendors. The Training & Placement cell encourages students to become self-employed through various activities. Alumni associations provide a platform for constructive outcomes, including employment opportunities. VIPER's Vision and Mission are clearly defined. Management plays a proactive role in academic and scientific activities by setting goals and providing support. The Governing Body makes decisions and establishes the decentralized structure. On a regular basis, both internal and external auditors will audit the institution's budget. A quality assurance cell (IQAC) is established at VIPER for the purpose of improving Quality Education. Further, the Institute has received NIRF rankings, NBA accreditation, ISO certification, green audits, and other quality audits.



## 6.ANNEXURE

### 1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																														
1.1.3	<p><b>Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years</b></p> <p>1. <b>Academic council/BoS of Affiliating university</b> 2. <b>Setting of question papers for UG/PG programs</b> 3. <b>Design and Development of Curriculum for Add on/ certificate/ Diploma Courses</b> 4. <b>Assessment /evaluation process of the affiliating University</b></p> <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. Any 3 of the above Remark : As per supporting documents provided by HEI</p>																														
1.4.1	<p><b><i>Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders</i></b></p> <p><b><i>1) Students</i></b></p> <p><b><i>2)Teachers</i></b></p> <p><b><i>3)Employers</i></b></p> <p><b><i>4)Alumni</i></b></p> <p>Answer before DVV Verification : B. Any 3 of the above Answer After DVV Verification: B. Any 3 of the above</p>																														
2.1.1	<p><b>Average Enrolment percentage (Average of last five years)</b></p> <p><b>2.1.1.1. Number of students admitted year-wise during last five years</b> Answer before DVV Verification:</p> <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>127</td><td>121</td><td>129</td><td>126</td><td>128</td></tr></table> <p>Answer After DVV Verification :</p> <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>127</td><td>121</td><td>129</td><td>126</td><td>128</td></tr></table> <p><b>2.1.1.2. Number of sanctioned seats year wise during last five years</b> Answer before DVV Verification:</p> <table><tr><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td><td>2016-17</td></tr><tr><td>142</td><td>130</td><td>130</td><td>130</td><td>130</td></tr></table>	2020-21	2019-20	2018-19	2017-18	2016-17	127	121	129	126	128	2020-21	2019-20	2018-19	2017-18	2016-17	127	121	129	126	128	2020-21	2019-20	2018-19	2017-18	2016-17	142	130	130	130	130
2020-21	2019-20	2018-19	2017-18	2016-17																											
127	121	129	126	128																											
2020-21	2019-20	2018-19	2017-18	2016-17																											
127	121	129	126	128																											
2020-21	2019-20	2018-19	2017-18	2016-17																											
142	130	130	130	130																											

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
142	130	130	130	130

2.6.3

**Average pass percentage of Students during last five years**

**2.6.3.1. Number of final year students who passed the university examination year-wise during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
83	99	82	76	84

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
83	99	82	76	84

**2.6.3.2. Number of final year students who appeared for the university examination year-wise during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
103	110	106	104	114

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
115	119	114	117	130

Remark : AS per data provided by HEI

3.1.3

**Percentage of departments having Research projects funded by government and non government agencies during the last five years**

**3.1.3.1. Number of departments having Research projects funded by government and non-government agencies during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	1	1	1

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	1	1	1

**3.1.3.2. Number of departments offering academic programmes**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	1	1	1

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	1	1	1

Remark : Input edited as per the 3.1.3.2

**3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years****3.2.2.1. Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3	3	4	1	1

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1	1	2	1	1

**3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years****3.3.1.1. How many Ph.Ds registered per eligible teacher within last five years**

Answer before DVV Verification : 2

Answer after DVV Verification: 6

**3.3.1.2. Number of teachers recognized as guides during the last five years**

Answer before DVV Verification : 3

**3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years****3.3.2.1. Number of research papers in the Journals notified on UGC website during the last five years.**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17

27	16	40	34	21
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Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
20	8	14	10	5

**3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years**

**3.4.2.1. Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2	4	2	2	2

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
2	1	0	0	0

Remark : As per data provided by HEI

**4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)**

**4.1.3.1. Number of classrooms and seminar halls with ICT facilities**

Answer before DVV Verification : 10

Answer after DVV Verification: 9

**4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)**

**4.1.4.1. Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
10.16	23.75	15.79	25.32	131.01

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17

13.2	27	18.5	28.5	118.31
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**4.2.2 The institution has subscription for the following e-resources**

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases
6. Remote access to e-resources

Answer before DVV Verification : A. Any 4 or more of the above

Answer After DVV Verification: B. Any 3 of the above

Remark : AS per data provided by HEI

**5.1.1 Average percentage of students benefitted by scholarships and freeships provided by the Government during last five years**

**5.1.1.1. Number of students benefitted by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
238	240	242	241	252

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
239	242	242	241	253

**5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years**

**5.1.2.1. Number of students benefitted by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1	28	33	39	10

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
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13	28	33	39	10
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Remark : Edited as per HEI's input

**5.2.2 Average percentage of students progressing to higher education during the last five years**

**5.2.2.1. Number of outgoing student progression to higher education during last five years**

Answer before DVV Verification : 156

Answer after DVV Verification: 156

**5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)**

**5.2.3.1. Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
61	59	38	35	34

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
60	60	38	35	35

**5.2.3.2. Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
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**5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)**

**5.3.3.1. Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
11	10	10	9	8

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
8	21	18	23	18

**6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years**

**6.3.3.1. Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
21	22	12	7	5

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1	2	0	0	0

Remark : As per data provided by HEI.

**6.5.3 Quality assurance initiatives of the institution include:**

- 1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
- 2. Collaborative quality initiatives with other institution(s)**
- 3. Participation in NIRF**
- 4. any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. 3 of the above

Remark : AS per data provided by HEI

**7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures**

- 1. Solar energy**
- 2. Biogas plant**
- 3. Wheeling to the Grid**
- 4. Sensor-based energy conservation**
- 5. Use of LED bulbs/ power efficient equipment**

Answer before DVV Verification : B. 3 of the above

Answer After DVV Verification: B. 3 of the above

**7.1.7 The Institution has disabled-friendly, barrier free environment**

- 1. Built environment with ramps/lifts for easy access to classrooms.**
- 2. Divyangjan friendly washrooms**

3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

Answer before DVV Verification : A. Any 4 or all of the above

Answer After DVV Verification: A. Any 4 or all of the above

## 2.Extended Profile Deviations

ID	Extended Questions				
1.1	<b>Number of courses offered by the Institution across all programs during the last five years</b>				
Answer before DVV Verification:					
2020-21	2019-20	2018-19	2017-18	2016-17	
121	117	117	116	113	
Answer After DVV Verification:					
2020-21	2019-20	2018-19	2017-18	2016-17	
131	117	119	119	116	