



# **SELF STUDY REPORT**

**FOR**

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

## **CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES**

**CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES CHALAPATHI  
NAGAR, LAM, GUNTUR 522 034 ANDHRA PRADESH  
522034**

**[www.chalapathipharmacy.in](http://www.chalapathipharmacy.in)**

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**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**September 2021**

# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

Realizing the increasing importance of Pharmacy profession, Sri.Y.V.Anjaneyulu, President of Chalapathi Educational Society with his futuristic vision established Chalapathi Institute of Pharmaceutical Sciences (CLPT) at Lam in Guntur, Andhra Pradesh. It is located at about 8 K.M. from Guntur Town towards Amaravathi. Chalapathi Institute of Pharmaceutical Sciences is one of the leading institutes established in 2004. The institute is enriched with lush green environment which makes learning habit of students in an eco-friendly manner.

### Approvals, Accreditations and Recognitions

All programmes of the institution are permanently affiliated to Acharya Nagarjuna University, approved by AICTE, PCI and recognized by Department of Technical Education, Govt. of Andhra Pradesh. The institute is certified by ISO 9001:2015, accredited by NAAC with "A" grade by achieving 3.16 out of 4 point scale., recognized by DSIR, Government of India and also recognized by UGC under section 2(f) and 12 B.B.Pharmacy Programme is accredited by National Board of Accreditation (NBA). The institute is conferred autonomous status from the year 2016. The institution is consistently securing Rank or Rank Band in NIRF-2017(48), 2018(51-75), 2019(51), 2020(54) and 99th position in 2021 among all pharmacy institutions in India.

The institute always places it's efforts to bring quality pharmaceutical education to meet global standards. On the same view, the institution introduces value added courses like professional ethics and human values, pharmacovigilance, clinical data management, industry oriented faculty training programmes and other skill development programmes.

The governance of the institution is well established and monitored for the all over development and sustenance of the institution. The Governing Body, Academic council, Boards of studies, Internal Quality Assurance Cell, Research Advisory Board, Finance Committee and all other committees and cells of the Institution plays a crucial role in sustainable growth and current advancements required for the institution.

The students chapters like ISPOR Amaravati student chapter, ISPOR ANU Student chapter, IPA Lam Branch, NSS Unit etc., always makes the students oriented towards society by involving them in extension and Outreach activities.

The institute also encourages students, teaching and non-teaching staff in all means for their all-round performance in enhancing abilities.

### Vision

To inculcate excellence in various fields of pharmacy, mould the institution as centre of excellence in terms of academics and advanced research.

## **Mission**

Committed to impart quality pharmacy education and research to meet global standards.

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

### **Institutional Strength**

The institution is located in 2 acres, pollution free, picturesque lush green environment offering bright green ambience and conduciveness for quality education and research. Accordingly the institution, received “Best eco-friendly award” from Acharya Nagarjuna University in the year 2019.

The institution is accredited by NAAC, NBA (B.Pharmacy) and granted autonomous status by UGC since 2016.

The institution is achieving NIRF ranks/rank bands continuously since 2017.

(2021- 69th Rank, 2020 – 54th Rank, 2019 -51st Rank, 2018 – 50-75 rank Band, 2017 – 48th Rank)

The institution is recognized by Department of Scientific and Industrial Research (DSIR) for research activities.

The laboratories of the institution are well established for teaching and research activities. The laboratories are also utilized to train the staff for professional development and for consultancy activities. An amount of 2.78 Lakhs is generated by the institution through consultancy. Drug Testing Laboratory of the institution is approved by Govt. of Andhra Pradesh to test 36 drugs. The institution also possess Registered Animal house and Institute is recognized as a host centre of MSME (HIBIAP002115).

The institute is certified by ISO 9001:2015 for quality parameters in academics and administration.

The institution has high enrollment of students through a transparent process. During last five years, 90.16% of students were enrolled from all programmes offered by the institution and 88.22% of students belongs to SC, ST, OBC category.

The student-staff ratio of the institution is 15:1.

The institution possess well qualified and enthusiastic staff with 11 Ph.Ds, 4 Professors, 5 Associate and 37 Assistant Professors.

The institution also possesses incubation center for research, published 36 patents and granted one patent.

The institute undergone 30 International/National MoUs which are functional to serve for industrial visit, training and research, Student exchange programmes, Internship, campus placement, Sponsored research and consultancy.

The institute with its autonomy, enriched curriculum with additional topics, organizes value added courses, skill development programmes, Certificate programmes, PG Diploma courses, bridge courses and orientation

programs to enrich students in all aspects.

The Governing body, Academic council, Board of Studies, IQAC and various committees works efficiently and maintain sustenance in all activities.

### **Institutional Weakness**

The faculty of the institution have a smaller number of International/National fellowships from government and government recognized bodies.

The students and faculty of the institution are underdoing MOOCS developed by the university and SWAYAM portals. The institution needs to create MOOCS of its own.

International student exchange programs and MoUs should be extended.

Very low tuition fee to meet the needs, yet society is supporting the institution since two years.

Huge amount of tuition fee is pending with Government.

Fee reimbursement for PG programmes has been withdrawn by the Government.

### **Institutional Opportunity**

Introduction of Multidisciplinary courses with pre-approved syllabus.

Collaborative research with industries, R&D organizations.

Accreditation for Laboratories from registered bodies like NABL.

Exchange programs with National and International universities.

Improve quality of research publications and e-content development.

Strengthening interaction with alumni to facilitate better connectivity.

### **Institutional Challenge**

Strengthen the institution's effort in career counselling and placement of students.

Introduce more vocational/ PG diploma courses to develop entrepreneurship and employability in students.

Funding for major research projects from Government agencies.

Publishing and granting of a greater number of patents.

Creation of high number of entrepreneurs.

## **1.3 CRITERIA WISE SUMMARY**

### **Curricular Aspects**

Chalapathi institute of pharmaceutical sciences (CLPT), since 2004 to 2015 has been following university developed curriculum for B.Pharmacy, Pharm.D and M.Pharmacy and follows semester and credit based grading system from 2013.

University Grants Commission (UGC), accorded autonomous status to CLPT in 2016; The institute in its autonomy, initiated and implemented new curriculum for B.Pharmacy, Pharm.D and M.Pharmacy programmes in the year 2016. All the courses of all programmes offered by the institute were developed in relevance to local, national and global developmental needs. As Pharmacy Council of India (PCI) instructed to follow the revised Pharmacy curriculum throughout the Nation, the institute is implementing the same from the year 2017 by enriching with additional courses. However the curriculum is enriched by pedagogical initiatives like Supportive theory/practical topics, skill development courses, certificate courses, communication skills, soft skills, entrepreneurial skills, gender equality, environment and sustainability, professional ethics and human values, additional theory / practical topics, demonstrations, practice school and Drug profile courses approved by boards of studies and academic council. The institute also frames curriculum for the bridge course to bridge the gap between academia and industry. The institute organizes skill-oriented programmes, certificate courses and MOOCs for students of all programs. The institute regularly organizes guest lectures by eminent personalities, certificate programmes, workshops and hands on training to update the student's Knowledge. Courses leading to more employability are continuously strengthened by updating the syllabi as per the needs of industry.

All these efforts made the institute to reach the satisfaction of stakeholders and created a benchmark in the pharmacy field by bagging several gold medals by the University. The contents of the curriculum are delivered using innovative teaching methodologies through power point presentations, video lectures and student-teacher interactive sessions. Course attainments were calculated after completion of end examinations and programme outcome attainments were calculated after completion of course attainments of the program.

The institute also plays an active role by using technology in this pandemic and conducted online classes effectively. In prediction of second phase of pandemic all practical courses were completed through offline and theory courses were accomplished by online.

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

The Institution has an integrated approach towards teaching, learning and evaluation. The institution in spite of conventional teaching and learning process, implemented many innovative teaching - learning methods as orientation programmes, flipped classes, video lectures, quality enhancement of teaching through interdisciplinary lectures, skill-oriented programmes, supportive classes, problem-based learning, student assisted teaching, MOOCs courses, creative thinking, collaborative learning, quizzes, group discussions etc. A library of PPT's and question bank were developed by the faculty. Following are some of the pedagogical initiatives

undertaken by the institute:

- a. Laboratory experiments beyond syllabus
- b. Video lectures/ working models/ charts/animations
- c. Seminars including student seminars and power point presentations
- d. Internships/ practice school/Industrial Training/Project work
- e. e – Tutorial and simulated experiments
- f. Demonstration and hands on training programmes
- g. Skill development courses
- h. Pharmaceutical science exhibitions

The institution organizes industrial visits and field trips to upgrade their practical knowledge and to explore the skills required for industry. Additional inputs were provided to the students by teaching the concepts that are not drafted in the curriculum. Student assignments, minor projects, bench discussions and surveys are allotted to students to improve leadership skills, team-based learning, research based learning and critical thinking. Exhibitions are conducted in the institution to create awareness in the society on pharmacy/science education where the students from the other colleges and schools are invited.

Institute assesses learning levels of the students and organises remedial classes, authoring of book chapters, encouraging them to involve in minor research projects etc., All students are motivated to participate in extracurricular activities through NSS/IPA/ISPOR etc., Students are provided with additional training in the competitive examinations for pursuing higher studies. The students always secure best ranks in National and state level competitive examinations like NIPER, GPAT and PGECET.

**Evaluation:** The Institution has formulated innovative evaluation methods which involve formative and summative assessment of student's performance throughout the academic year.

Direct Methods like:

- Attendance
- Assignment making
- Surprise tests/slip tests
- Sessional examinations
- Semester/Annual end examinations
- Quiz and Group Discussions
- Online/Open book examinations
- Seminars

Indirect Method

- Feedback is collected from students, faculty and other stakeholders on all aspects through online and

offline.

### Research, Innovations and Extension

Research facilities of the institute (Equipment/Glassware/Chemicals/Books/Journals) are frequently upgraded, research activities of the institute are continuously monitored by the Research advisory board of the institute. Research policy established by the institute promotes research, entrepreneurship and innovation to benefit mankind. The institution has created an ecosystem of obtaining research projects from pharmaceutical laboratories to innovate and incubate research ideas or concepts to develop pharmaceutical products for societal needs. CLPT has MoU's with 31 industries/research laboratories/ institutions of National and International where the institute have high access of performing research to the maximum extent. The institute has recognized research centre and supports faculty and students for research through seed money.

Institution established Approved Drug Testing Laboratory and a central animal house facility to enhance skills of students in the aspect of research and also to promote internships. Industrial pharmacy laboratory with industrial based equipment supports students and faculty for formulation and manufacturing of pharmaceutical dosage forms which possess beneficial medicinal values. In association with spark biotech, our institute developed various products as follows

1. Peridontal films
2. Hemostatic sponges
3. Silver Nanoparticles hand wash
4. Chitosan silver nanoparticles wound dressing
5. Type-1 collagen-based films etc.,

The institute is also supported by Syndy Pharma, Hyderabad and contributed various herbal products. Institute is recognized as a host centre of MSME (HIBIAP002115), development of cost-effective society related projects are encouraged. The said business incubator developed herbal hair oil, herbal mouth ulcer gel, herbal pain balm etc.,

One patent was awarded to the faculty in 2021 and 36 patents were published. During the last five years **23** Ph.D.'s were produced by the research center of the institute and **14** research scholars are working actively in research centers under **10** recognized guides. During the last five years 368 papers were published in UGC notified journals, authored 22 books/book chapters and organized 70 seminars/workshops on IPR/Research activities.

Institute has adopted nearby village LAM where we regularly organize awareness programmes on child education, Blood donation camps, health awareness rallies, sensitisation of public for usage and storage of drugs, health camps, awareness on organ donation, free medicines supply and communicates through NSS/IPA/ISPOR.

### Infrastructure and Learning Resources

The Institute possesses **22 laboratories recognized by DSIR** equipped with advanced equipment required for Teaching-Learning of all programmes and for the development of basic research, process chemistry, formulation and analysis of conventional and novel pharmaceutical products, preclinical studies of

pharmaceuticals and development of nutraceuticals. Analytical Drug Testing Laboratory to test for 36 drugs (Approved by Drugs Control Development, Govt. of AP) molecular modeling laboratory, University approved research centre, Computer cum language laboratory also exist in the institution. Animal house of the institute is registered with committee for the purpose of control and supervision of experiments on animals (CPCSEA). Total of 8 lecture halls and two tutorial rooms were established for B.Pharmacy programme, 6 lecture halls for Pharm.D and 4 lecture halls for M.Pharmacy. Institution had entered into an MoU with Government General Hospital, Guntur to share clinical activities of the programme. Additionally a Lecture hall, seminar hall, teaching at besides, clinical training of students is shared with Government General Hospital (GGH). Lecture capturing system with audio, Video recording, relay devices, software, editing/annotation software with interactive panel established in audiovisual centre to overcome teaching-learning difficulties of COVID pandemic.

The institute has well established and maintained **drug museum** with live human organs, drugs and marketed formulations, different varieties of plants, animals, crude drugs and specimens. Keeping in view of the importance of herbs, CLPT has established an herbal garden with more than 100 rare and commercially important medicinal plants which serves an important tool for teaching and research. Institute maintains a **Pradhan Mantri Bharatiya Janaushadi Kendra (PMBJAK)** where students get trained and experience practical means of giving primary health care and dispensing of medicines. Institute also maintains a **Library (3549 Sq.Ft)** with 10128 volumes, 2824 titles , 6972 e-journals, 16 International and 24 national journals. Library include book bank service, digital library, library visits, book exhibitions and reference services. The library is also subscribed to e-Shodhsindhu and API database for access to e-books and e-Journals. The institute also possesses adequate facilities for sports, games and cultural activities by following Academic Council approved policies of IT and maintenance for physical equipment.

### **Student Support and Progression**

All programmes of the institution are filled with more than 90% of students, more than 50% of students are benefitted by scholarships and 89% of students are benefitted for competitive examinations. 43 Awards/medals were secured by the students during the last five years.

### **Mentor-Mentee system**

The institution has mentor system for student support and mentoring for professional development, research, academic and social activities. The mentor – mentee system provide guidance to students on academic matters including research, personality development and to foster a close and constructive professional relationship between students and the staff of the institution.

### **Feedback system**

Institute collects the feedback for all programmes, on quality of teaching, institution facilities every year through a questionnaire provided online in institutional website. During semester and at the end of each semester and feedback on each course is collected and analysed by the head of departments of respective course. Suggestion boxes are maintained in the institution in which students can drop their suggestions regarding academic, administrative facilities and any other freely. Students, staff, alumni and management shall lodge any requirement/grievance through website ([www.vmedulife.com/institute/e-grievance/home/cips-guntur-andhra-pradesh](http://www.vmedulife.com/institute/e-grievance/home/cips-guntur-andhra-pradesh)).



## Curriculum

Each course of the curriculum is augmented with topics beyond the syllabi in theory and practical, imparting additional skills to the students. Students were encouraged to give oral presentations with or without audio-visual aids and the evaluated by faculty giving necessary feedback and appreciation. The students were encouraged to perform minor research projects which help the students to develop problem solving skills and practical skills. Internet facility is provided in the institution, e-journals and CD-ROMs are subscribed and made available, digital library access is provided for self-learning of students.

## Other Support

The students are motivated and supported to participate in intercollegiate competitions conducted at state, national and international level. Fee concession is provided to the students who are from rural and poor background. Students were also placed as members in various administrative bodies, committees and are encouraged for to provide their suggestions. An active student council, students alone publish PRAXIS-a Magazine, they act as editorial members of news letters.

## Governance, Leadership and Management

The organizational setup of the institution and its governance is a combined responsibility of the management, principal, IQAC, staff and others. The instruction states and flows down from the management to the principal and from there to IQAC, the heads of the departments and then to the staff and students. The ideas and suggestions made by IQAC, staff are received with open mind and everybody in the organization works with commitment and team spirit.

### *Policy and Planning:*

The Principal, IQAC and HOD's makes action plans in consultation with faculty members to review of outcomes from the implementation of action plans through meetings with functional committees and makes necessary changes in action plans if required. The requirements for policy making and planning are collected by the principal through interaction with various stakeholders and feedback obtained from IQAC.

***Interaction with stakeholders and faculty:*** The Principal and IQAC ensures that all stakeholders are involved in different activities. Faculty members play major role in various committees and cells to contribute in decision making, implementation of plans and formulating perspective/strategic plans for the future endeavours.

***Academic and Administrative bodies:*** The Governing Body, Academic council and Board of Studies are the bodies which hold top most position in the administrative hierarchy. They comprise eminent academicians, industrialists and administrators formulating the rules and regulations for Academic and Administrative functions in tune with the vision and mission statements of the institute.

Vision, Mission, short term and long-term goals, quality policies are kept wide open to all stakeholders for their suggestions, necessary training is provided to its faculty and supporting staff for their development and motivates team building and team work to create healthy work culture. The participatory role of the management encourages and sustains the involvement of the institute staff, which is necessary for the efficient and effective running of the institute.

Internal Quality Assurance Cell (IQAC) develops and progress institutional functioning towards creation, sustenance and enhancement of quality and facilitates internalization of quality culture at all levels.

IQAC also develops and records institutional database through MIS for the purpose of maintaining and enhancing the institutional quality.

### **Institutional Values and Best Practices**

As the mission of the institution is “Committed to impart quality pharmacy education and research to meet global standards”, we always endeavor to provide the education with values and quality. The curriculum of the institute is also enriched with a value added course called as Professional ethics and human values, implemented since AY 2016. Apart from this, the institution is also organize courses/sessions to enlight the staff and student’s mind with values and morals.

Also the institute conducts bridge courses/orientation programmes and faculty development and refresher programmes during the commencement of each semester/year which includes the sessions on:

1. Education with values
2. Professional Ethics
3. Time Management
4. Personality development
5. Goal setting and career mentoring etc.

The institute frames a policy on “Code of Conduct” for students and advise them to get aware of it and follow the same in all means. All the activities of the institution are carried out by the respective bodies in an efficient manner by empowering the duties in advance.

The institution introduced many skill development programmes to upgrade the skills of students and to decrease the gap between industry and academia. The syllabus for skill development programmes is designed for 30 hours pre-approved in board of studies and academic council.

The institution also organizes several outreach programmes and extension activities that make the students and employees to have a chance to help for the needy. The institute organizes awareness programmes on organ donation, eco-friendly Vinayaka chavithi, emergency-basic life support and first person management, eye donation and Go-green Diwali.

Many Green campus initiatives are taken to make the campus conducive for Teaching-Learning process. Quality audits on environment and energy are regularly undertaken for monitoring quality.

The Institute promotes many best practices to improve the quality of education and teaching-learning process. The best practices like 100% attendance awards, Best library utilization awards, Industrial training by faculty, industrial visits, Academic excellence awards, Memorial Awards, Pharma Book exhibitions, Pharmacy Science exhibitions, Faculty training programmes, Newsletters, student magazines, Meditation, Journal clubs, book chapters etc., makes the institute one of the better options for students to pursue their graduation.

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES
Address	CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES CHALAPATHI NAGAR, LAM, GUNTUR 522 034 ANDHRA PRADESH
City	GUNTUR
State	Andhra Pradesh
Pin	522034
Website	<a href="http://www.chalapathipharmacy.in">www.chalapathipharmacy.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Rama Rao Nadendla	0863-2524124	9440101685	0863-2524123	principalclpt@gmail.com
IQAC / CIQA coordinator	Darsi Eswar Tony	0863-2524125	9666627705	-	clptiqac@gmail.com

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

**Establishment Details**

Date of Establishment, Prior to the Grant of 'Autonomy'	01-01-2004
Date of grant of 'Autonomy' to the College by UGC	09-03-2016

**University to which the college is affiliated**

State	University name	Document
Andhra Pradesh	Acharya Nagarjuna University	<a href="#">View Document</a>

**Details of UGC recognition**

Under Section	Date	View Document
2f of UGC	25-06-2013	<a href="#">View Document</a>
12B of UGC	25-06-2013	<a href="#">View Document</a>

**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	<a href="#">View Document</a>	10-04-2020	48	
AICTE	<a href="#">View Document</a>	02-07-2021	12	Approval extends on every year

<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	Recognized by Department of Scientific and Industrial Research Drug testing laboratory is approved by Drug Control Administration Govt of AP Preclinical testing facility is approved by CPCSEA PMBJAK is approved by Department of Drug Control Administration Government of Andhra Pradesh
Date of recognition	04-04-2018

<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	CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES CHALAPATHI NAGAR, LAM, GUNTUR 522 034 ANDHRA PRADESH	Rural	2	13099.68

## 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, Pharmacy	48	HSC	English	100	100
PG	MPharm, Pharmacy	24	B.Pharmacy	English	15	6
PG	MPharm, Pharmacy	24	B.Pharmacy	English	15	14
PG	MPharm, Pharmacy	24	B.Pharmacy	English	15	10
PG	MPharm, Pharmacy	24	B.Pharmacy	English	15	11
PG	Pharm D, Pharmacy	72	HSC	English	30	30

**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	4				5				31			
Recruited	4	0	0	4	2	3	0	5	17	14	0	31
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				35
Recruited	23	12	0	35
Yet to Recruit				0

<b>Technical 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	4	3	0	7
Yet to Recruit				0

### Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	3	0	0	1	3	0	2	2	0	11
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	1	0	0	1	0	0	15	12	0	29

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	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

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	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



<b>Details of Visting/Guest Faculties</b>				
<b>Number of Visiting/Guest Faculty engaged with the college?</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
		3	0	0

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

<b>Programme</b>		<b>From the State Where College is Located</b>	<b>From Other States of India</b>	<b>NRI Students</b>	<b>Foreign Students</b>	<b>Total</b>
UG	Male	152	0	0	0	152
	Female	250	5	0	0	255
	Others	0	0	0	0	0
PG	Male	80	2	0	0	82
	Female	193	2	0	0	195
	Others	0	0	0	0	0

<b>Provide the Following Details of Students admitted to the College During the last four Academic Years</b>					
<b>Programme</b>		<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
SC	Male	8	5	5	6
	Female	11	13	11	12
	Others	0	0	0	0
ST	Male	2	2	5	5
	Female	2	1	1	1
	Others	0	0	0	0
OBC	Male	12	18	25	32
	Female	39	42	38	33
	Others	0	0	0	0
General	Male	26	39	24	27
	Female	80	72	65	73
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		180	192	174	189

## 2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

<b>Department Name</b>	<b>Upload Report</b>
Pharmacy	<a href="#">View Document</a>

## Extended Profile

### 1 Program

#### 1.1

##### Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
8	8	8	8	8
File Description			Document	
Institutional data in prescribed format			<a href="#">View Document</a>	

#### 1.2

##### Number of departments offering academic programmes

Response: 4

### 2 Students

#### 2.1

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

2020-21	2019-20	2018-19	2017-18	2016-17
684	676	678	664	644
File Description			Document	
Institutional data in prescribed format			<a href="#">View Document</a>	

#### 2.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
183	167	195	159	165
File Description			Document	
Institutional data in prescribed format			<a href="#">View Document</a>	

**2.3****Number of students appeared in the examination conducted by the Institution, year-wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
680	671	678	666	643
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**2.4****Number of revaluation applications year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
48	53	114	68	39

**3 Teachers****3.1****Number of courses in all programs year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
204	200	195	192	197
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

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

2020-21	2019-20	2018-19	2017-18	2016-17
59	56	51	54	53
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**3.3**

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

2020-21	2019-20	2018-19	2017-18	2016-17
54	54	54	54	53
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**4 Institution****4.1****Number of eligible applications received for admissions to all the programs year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
212	217	194	211	175
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**4.2****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
73	73	73	73	73
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**4.3****Total number of classrooms and seminar halls****Response: 20****4.4****Total number of computers in the campus for academic purpose****Response: 102**

## 4.5

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

2020-21	2019-20	2018-19	2017-18	2016-17
181.84	344.23	342.42	360.26	254.30

NAAC

## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curriculum Design and Development

**1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.**

**Response:**

Chalapathi Institute of Pharmaceutical Sciences (CLPT) offers B.Pharmacy, Pharm.D and M.Pharmacy in 04 specializations. CLPT was accorded autonomous in 2016 by UGC, accordingly BOS/Academic Council and other committees were established, designed curriculum for B.Pharmacy and M.Pharmacy programmes and approved by academic council and implemented. In view of Gazette of India, B.Pharmacy course regulations, 2014, M.Pharmacy, course regulations, 2014, the Pharm.D course regulations 2008, were implemented by the approval of academic council from the year 2009 (Pharm.D), 2017 (B.Pharmacy and M.Pharmacy) programmes. All the courses of all programmes offered by the institute are developed in relevance to local, national and global developmental needs. Every department has a BOS comprising the faculty, experts, students, alumni, industrial experts, approve the syllabus of courses after deliberations and finally approved by academic council. All programmes have well defined Program Education Objectives (PEO's) which is reflected in the Program outcomes (POs), Program Specific Objectives (PSOs) which in turn is reflected in the curriculum of the courses. A series of faculty meetings with all stakeholders are conducted keeping in view of latest trends of industry in correlation to the stated PO's, PSOs and COs is carried out. BOS will consolidate the gaps and enrich the curriculum with additional topics and finally approved by academic council. The curricula has been enriched with supportive topics, additional courses such as Professional ethics and human values, Skill development courses, Entrepreneurship skills course, Communication skills, Pharmacovigilance, Clinical data management, etc., The courses leading to more employability, skill development are continuously strengthened by updating the syllabi in accordance to the needs of the industry. Social and preventive pharmacy, environmental sciences, Pathophysiology, Pharmacovigilance courses of pharmacy programmes meet the local and regional needs and demands of the public. Drug profile courses, modern pharmaceutical analytical techniques, modern pharmaceuticals, computer aided drug delivery system, molecular pharmaceuticals, pharmaceutical validation etc., herbal drug technology, quality assurance, biostatistics and research methodology meets the national and global developmental needs and are reflected in Cos, Pos and PSOs of the B.Pharmacy/M.Pharmacy/Pharm.D programmes offered by the institution. Employability is ensured through courses like herbal drug technology, Instrumental methods of analysis, skill development courses, Certificate courses, clinical research, clerkship, projects, internship, clinical pharmacokinetics and pharmacotherapeutics drug monitoring, biostatistics, industrial pharmacy, novel drug delivery systems.

The institute hosts reunion meets of alumni and industrial experts during placements, during such meets the institute takes the initiative of eliciting their views and suggestions in respect of required changes in curriculum. Cos of 1, 2 and 3 of all programmes meet PO1, PO2, PO3 and PO5 to strengthen fundamentals, decision making and professionalism. Communication skills, computer applications, human values and professional ethics courses meet PO7, PO8 and PO9. Environmental Sciences course meet PO10. Research methodology / industrial pharmacy / clinical pharmacy. novel drug delivery system /

industrial pharmacy / clinical research / drug regulatory affairs meet PO11. Every year / semester CO/PO attainments are calculated.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

**Response:** 75

#### 1.1.2.1 Number of all Programmes offered by the institution during the last five years.

Response: 08

#### 1.1.2.2 How many Programmes were revised out of total number of Programmes offered during the last five years

Response: 06

File Description	Document
Minutes of relevant Academic Council/BOS meeting	<a href="#">View Document</a>
Details of program syllabus revision in last 5 years(Data Template)	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

**Response:** 100

#### 1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years..

2020-21	2019-20	2018-19	2017-18	2016-17
204	200	195	192	197



File Description	Document
Programme / Curriculum/ Syllabus of the courses	<a href="#">View Document</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View Document</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View Document</a>
Average percentage of courses having focus on employability/ entrepreneurship(Data Template)	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

<p><b>1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.</b></p> <p><b>Response: 37.37</b></p>	
<p>1.2.1.1 How many new courses are introduced within the last five years</p> <p>Response: 74</p>	
<p>1.2.1.2 Number of courses offered by the institution across all programmes during the last five years.</p> <p>Response: 198</p>	
File Description	Document
Minutes of relevant Academic Council/BOS meetings	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>
<p><b>1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).</b></p> <p><b>Response: 75</b></p>	
<p>1.2.2.1 Number of Programmes in which CBCS / Elective course system implemented.</p> <p>Response: 06</p>	

File Description	Document
Minutes of relevant Academic Council/BOS meetings	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<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:

Our institute has been striving for the all-round development of the students. The Programme curriculum and co-curricular activities of our institute not only instills the professional values but also nurtures the professional ethics, human values, environmental protection, social equality and responsibility as well.

**Professional ethics and Human values** To strengthen the ethical principles on basic grounds of clinical activities, program curriculum is enriched with “Professional ethics and Human values” course in third semester of B.Pharmacy which enhances student’s human values, decision making and self-confidence. As a part of co-curricular activities, the students of our institute conduct and participate in health camps organized by the IPA-LAM branch, ISPOR –Amravati regional chapter and serves the people on health grounds. Health awareness programmes are also conducted in which students demonstrate their knowledge to the society. Our institute regularly conducts medical camps in which students counsel the patients regarding their health, performs basic tests like blood pressure, blood sugar levels, Body mass index and finally create awareness in health maintenance. This kind of interaction with the society will definitely ensure ethical and human values in students making them not only a professional person but also a good human being. Everyday students were made to practice meditation and heart fullness which improves their ethical and moral values and decision-making capabilities. Persons of eminence in the society like personality development trainers, social activists and philanthropists are invited to inspire and influence students to become socially responsible citizens.

**Environment and sustainability** “Environment Sciences” course is included for first year students in the curriculum. Faculty makes students aware about the basic components of environment and their application in various fields and the environmental issues are dealt in detail in the classroom. Our institute regularly organizes extension and outreach activities engaging the students in Swachh Bharath Abhiyan, hazards of Plastic usage, tree plantation, rain water harvesting, clean and green programmes and contribute their share in environment maintenance, importance of hygiene and individual responsibilities regarding the same. NSS cell of our institute organizes various co-curricular and extracurricular activities on environment and sustainability. Keeping in view of energy sources depletion and pollution our institute has solar power system and also the green synthesis system is followed in pharmaceutical chemistry laboratories. The Herbal Garden of our institute includes rare, endangered, threatened and endemic plants from different agro-climatic zones of India for sustainable supply of raw material to the herbal and

aromatic departments for viable research. The institute also performs Green audit, energy audit and environmental audit internally by the students and externally by approved third party agencies.

### Gender equality

The institute represents its high priority to gender equity by incorporating 13 topics in the curriculum of all programmes. The topics like posology addresses about the dosage regimen based on the parameters of males and females. The course of Human anatomy and Physiology represents the aspect of sexual education in males and females. Also the courses related to Medicinal Chemistry and Pharmacology deals with the mechanism of female hormones and associated drugs.

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.

**Response:** 46

#### 1.3.2.1 How many new value-added courses are added within the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
11	14	13	5	3

File Description	Document
List of value added courses (Data Template)	<a href="#">View Document</a>
Brochure or any other document relating to value added courses	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

**Response:** 129.97**1.3.3.1 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
1073	1199	1109	627	371

File Description	Document
List of students enrolled	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**1.3.4 Percentage of students undertaking field projects/ internships / student projects (Data for the latest completed academic year)****Response:** 30.99**1.3.4.1 Number of students undertaking field projects / internships / student projects**

Response: 212

File Description	Document
List of programs and number of students undertaking field projects / internships / student projects (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**1.4 Feedback System****1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni****Response:** A. All 4 of the above

File Description	Document
Any additional information	<a href="#">View Document</a>
Action taken report of the Institution on feedback report as minuted by the Governing Council, Syndicate, Board of Management	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>
URL for stakeholder feedback report	<a href="#">View Document</a>

#### 1.4.2 The feedback system of the Institution comprises of the following :

**Response:** A. Feedback collected, analysed and action taken and report made available on website

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>
URL for stakeholder 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:** 90.15

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

2020-21	2019-20	2018-19	2017-18	2016-17
180	193	173	194	175

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

2020-21	2019-20	2018-19	2017-18	2016-17
203	203	203	203	203

#### File Description

#### Document

Institutional data in prescribed format (Data Template)

[View Document](#)

Any additional information

[View Document](#)

Link for Additional Information

[View Document](#)

#### 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:** 88.22

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

2020-21	2019-20	2018-19	2017-18	2016-17
60	72	70	71	49

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

The institute follows a clear cut mechanism for continuous monitoring, evaluation of students and takes decisive initiatives for the upliftment of all students performance. Students seek admission into various programmes of the institution through counseling conducted by Government of Andhra Pradesh. Students belong to SC, ST, BC, EBC and OC admitted through APEAMCET/APPGECET convenor. Faculty assess students performance based on the feedback in the form of question and answers during the running classes as well as the performance in the slip test / unit test, internal examinations, laboratory performance, group discussions and quizz. Once the student's capabilities are identified they are divided into slow and advance learners and then the following necessary initiatives are taken for their performance improvement.

**Special programmes for advanced learners:** Advanced learners are encouraged to participate in minor research projects, skill development programmes, certificate programmes, group discussion, student seminars, patent filing, seniors teach juniors, self learning by utilizing library resources, motivation of students for higher studies and research, publication of articles in journals and encouraging them to author book chapters. Seed money is provided to students for carrying out of research projects, authoring of book chapters, patent filing etc. These students are encouraged to write summary sheets (highlighting important points) for the courses covered under a semester, which helps them immensely for competitive examinations like GPAT/PGECET. Institution provides financial support and fee concession to the desirable students who are academically good and economically backward. Meritorious students are awarded with cash prize every year for their excellence in academics. Good research projects are appreciated by external and industrial experts with awards.

**Assisting slow learners:** Faculty of the institution pay more attention for weak students and teach them to the basic level to understand the concept and terminology in pharmacy. Materials and hand outs with simple flow charts, diagrams and important key points are given for their basic improvement. The institute organizes skill development programmes, guest lectures, classes on communication skills, assignments, revision of classes, remedial classes, bridge courses, slip tests, and tutorial classes to revise the concepts and also to address the student's difficulties. Students with weak english background are provided with important topics and the content is explained thoroughly by the subject experts which should be reproduced in remedial classes. This plays a vital role for the academic growth of slow learners. As the institution library runs from 8:30AM to 8:00PM, the slow learners are encouraged to utilize library resources. Collaborative learning and special classes (from 4:45PM to 5:15PM) helps them to grow better; as an active student is engaged with the slow learners. Parents are informed regarding the performance of students through SMS and during parent teacher meet.



The learning process of students is analyzed based on their classroom performance, laboratory performance slip tests and sessional examinations. Based on the feedback analysis measures like industrial visits, contents beyond the syllabus are delivered and skill development programmes are conducted to enhance their learning process.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for 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>
Link for 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:**

CLPT strives for innovative teaching methodologies to enrich the learning capabilities of students by adopting student centric methods like experiential learning, participative learning and problem solving methodologies.

**Experiential learning:** Faculty foster learning environment by engaging in rich experiential content of teaching through experimentation, demonstration, collaborative learning, flipped classes, online classes, webinars, video lectures, visual aids, industrial visits, organizing exhibitions and skill development programmes.

**Participative Learning:** Students participate in learning activities like – Group Discussions, Small Group Exercises, Assignments, Elocution, Quiz, Case Study, Charts, herbarium sheets, Projects etc.,

- **Assignments:** Students are allotted assignment topics to improve their linguistic skills and learning experiences.
- **Student seminars:** Student seminars are mandatory in all programs of the institute.
- **Group discussions:** To develop conceptual frameworks, to learn problem solving skills and to share their own ideas on the concepts, group discussions are conducted.
- **Journal Club:** Students and faculty gather to discuss scientific paper/findings found in a research



journal.

- **Seminars/Workshops/Conferences:** Seminars, Workshops/ Conferences are organized by the institute where students participate to enrich their learning experience.
- **Problem solving methodologies:** Problem-solving is used to learn to work in teams, and similar “transferable skills” rather than the subject.
- **Group Learning Method:** Group learning allows the slow learners to develop problem solving, interpersonal, presentational and communication skills to confirm quality in learning with peer group.
- **Internship :** Students during final year/immediately after completion of all courses, are allowed to perform an year/1 month internship in an approved hospital/ industry.
- **Clerkship/Hospital posting:** Students of Pharm.D program shall undergo 50hrs of hospital posting during second, third and fourth year of the programme. In fifth year, every student shall attend ward rounds on daily basis as a part of clerkship.
- **Project work:** Students during Vth Pharm.D, final semester(s) (B.Pharmacy and M.Pharmacy) undergo project work for 6 months to 1 year to buildup team work and group skills.
- **Minor and Major Projects:** Students in groups are allotted for a minor research project .
- **Entrepreneurial skills:** Students are trained for entrepreneurial skills and encouraged to involve to incubate ideas for commercialization.
- **Practice school:** Practice school course is offered during seventh semester of undergraduate program for a period of 150 hours.

**Practical Knowledge Learning through Extra Curricular Activities:** Students participate in various extra –curricular activities organized by the institution and are encouraged to participate in inter-collegiate competitions. They also engage in editing “PRAXIS” and newsletters, to express their creative thinking.

- **Learning through extension activities:** Students participate in extension activities through NSS/IPAA/ISPOR.
- **Supportive classes and quality enhancement of teaching:** Additional inputs were provided to the students by teaching supportive classes as Quality Enhancement of Teaching through interdisciplinary lectures.

**Enhancing Learning experiences during Pandemic:** During first phase(2019-2020) students were motivated to utilise the learning resources - poerpoint presentations, video lectures, practical demonstrations, online quizzes, assignments, crossword puzzles, student seminars etc., During second phase academic calender is revised to complete all practical courses by April 2020 by offline and all theory courses were completed thyrogh online.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process.**

**Response:**

The institute has been utilizing diverse set of ICT tools to communicate, create, disseminate, store, and manage information. Teachers of the institute use ICT tools in teaching learning process to enhance the students potential of learning, encourage active learning, improves self confidence and self esteem to learn. ICT enables students to access for different information sources. CLPT teachers are digitally literate and trained to use ICT, these approaches can lead to higher order thinking skills, provide creative and individualized options for students to express their understandings, and leave students better prepared to deal with ongoing technological change in society and the workplace. A library of powerpoint presentations and question bank for multiple choice questions of all courses were developed and regularly updated, by the faculty. Non-teaching staff are also regularly trained for utilization of ICT facilities.

Each classroom is equipped with LCD projector to enable the faculty to present the course topic as power point presentations and video lectures, motivating the students for active learning.

Smart board, video recording systems are also equipped for effecting of online classes. ICT enabled teaching methods have been made available in the institute. The Teaching-Learning Process is supported with Regular Practical Sessions, access of Digital Library, Online Courses (MOOCS), online journals, Conducting Online tests, Use of LCD projectors for seminars and workshops, productive use of educational videos. Communication skills training facility make the students to acquire proficiency in listening, speaking, reading and writing. Faculty are also trained to conduct online examinations/slip tests/quizzes. During pandemic situations, Zoom/ Google meet platforms were employed in addition video display units. Faculty/students participated in webinar to enrich their skills and knowledge. SS software solutions, in examinations, vmedu life online grievances software for online grievances of students, softx technology communication skills software for language laboratory, Saru software for student/parent messages, V-life-MDS 4.6 software for molecular modeling studies have been utilized to augment teaching-learning process. Clinirex software has been used by all pharmacy practice students for recording of all clinical activities.

File Description	Document
Any additional information	<a href="#">View Document</a>
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	<a href="#">View Document</a>
Link for Additional Information	<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:** 19:1

#### 2.3.3.1 Number of mentors

Response: 36

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll	<a href="#">View Document</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

### 2.3.4 Preparation and adherence of Academic Calendar and Teaching plans by the institution

#### Response:

Academic activities of the institute strictly adhere with academic calendar prepared by Board of Studies (BOS) and approved by academic council. The academic calendar will be prepared in advance before the commencement of academic year. Academic calendar is approved by academic council and it is uploaded in the college websites, displayed on notice boards and also in the syllabus books of students. The academic calendar outlines the date of commencement of classes, date of completion of syllabus, internal examination dates for both theory and practical, holidays, parent-teacher meet, semester end examination schedule for theory and practical. Based on academic calendar, time tables are prepared by the concerned academic coordinator in discussion with the principal/IQAC and faculty members regarding course allocation. Once the time table is prepared, teaching plans for all courses are prepared by the concerned faculty members and are further verified by academic coordinator and head of the department. Teaching plan comprises of topics to be covered, lecture wise including the supportive theory and practical topics, guest lectures on specified topics, take home tasks and its evaluation processes. Academic coordinator maintains a log book for each semester and conducts review meetings, during and end of the semester to verify the adherence of academic calendar. If there are any changes in the academic calendar at any circumstances it is mentioned in the log book and conveyed to the students. During pandemic situations (academic year 2019-2020 and 2020-2021) the academic calendar for all programmes was revised, approved by internal common boards of studies and academic council, circulated among the stake holders, was followed by the institution. The principal/HOD/IQAC also conducts regular review meetings with academic coordinators to keep a check on implementation of all curricular activities as per the schedule.

File Description	Document
Upload Academic Calendar and Teaching plans for five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<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:** 101.48

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years(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>
Link for 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:** 23.7**2.4.2.1 Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
16	16	12	10	11

File Description	Document
Institutional data in prescribed format (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for 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:** 5.34**2.4.3.1 Total experience of full-time teachers****Response:** 315

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

## 2.5 Evaluation Process and Reforms

### 2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

Response: 46.2

#### 2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
19	30	38	57	87

File Description	Document
Institutional data in prescribed format (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 9.61

#### 2.5.2.1 Number of complaints/grievances about evaluation year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
48	53	114	68	39

File Description	Document
Number of complaints and total number of students appeared year wise	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 2.5.3 IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in Examination Management System (EMS) of the Institution

#### Response:

CLPT has been continuously carrying out reforms in its examination procedure through integration of IT in all the procedures and processes of the examination system. Tools of information technology are utilized for most of the activities associated with the conduct of examinations, evaluation and declaration of results. Examination procedure has been completely automated using SS software. SS software is used for hall ticket generation, generation of marks statement and provisional certificate.

1. Semester pattern of examination with continuous evaluation system has been followed.
2. Credit based system was introduced in B.Pharmacy/ M.Pharmacy for the benefit of the students.
3. Question paper pattern has been changed and consists of two parts Part A and Part B along with objective type multiple choice questions.
4. Inclusion of attendance, assignment, seminar presentation etc., as components of evaluation.
5. Seating arrangements and invigilation for sessional and end-semester examinations are well planned and organized. This has led to optimal utilization of physical as well as manpower resources, increased vigilance and smooth conduct of the examinations.
6. Appointment of squad consisting of senior faculty members of other reputed institutions and internal faculty to monitor the semester end examinations.
7. Establishment of CCTV Surveillance System.
8. Examiners are appointed from the approved panel of examiners. Panel of examiners for every course is compiled prior to the examination.
9. Answer scripts are coded to prevent disclosure of identity of students; there by bias/malpractice of any kind is prevented.
10. Scheme of evaluation along with solutions are made available to the adjudicators prior to the commencement of evaluation. Thus uniformity is maintained.
11. Quizzes / Class tests/ Surprise Test(s) /Project works and assignments are made part of evaluation.
12. Advance Supplementary examinations and timely publication of results and issuing necessary certificates in time.
13. Social distance and allotment of 20-25 members in an examination hall/ laboratory for examination (internal/ semester-end/ year-end) has been followed as per UGC guidelines during pandemic situation.
14. Two sets of question papers are maintained for each course.
15. Personal verification and revaluation system.
16. Inclusion of security features (QR code) in marks memorandum/study certificate/transfer certificates.



17. The college has initiated major reforms in evaluation. Five marks are allotted for attendance in the respective theory/ practical courses in a graded manner. Five more marks are allotted for quiz/ co-curricular/ extra-curricular/ surprise class tests by the concerned teacher in the respective theory/practical courses so that the students update themselves with the subject content regularly. Implementation of these measures created a positive impact on students' attendance and the results.

**Continuous Internal Assessment (CIA)** includes sessional examinations twice in a semester for each course, periodical assignments/tests/quizzes etc. to keep the students meaningfully engaged with the subject content throughout the semester. Preparation of detailed scheme of evaluation by internal subject / course experts. Setting the question papers from all the units with internal choice and moderation of question papers.

**Take Home tasks:** Daily home assignments on topics covered in lectures have been introduced in all programmes in the institute. These short assignments which are focused at reinforcing skills, concepts and information learned in the class have helped students in many ways. Besides facilitating the learning process, it has been found that these assignments have encouraged students to take initiative and responsibility for completing tasks, work independently, assess self-progress and in many cases, connect subject learning to the real world.

**Assignments:** Assignments on topics covered are given. These assignments have been found to have led to critical-thinking and self-assessment in students and also improve the writing skills.

**Online Courses:** Students can now opt to credit 20% of their course requirements through online offerings such as SWAYAM and MOOCS. This has paved the way for students to compare and take courses from the best of Universities offered by acclaimed faculty members.

**Online examinations:** During pandemic situations online examinations/Quizzes were conducted for internal/project work assessment employing class marker/ Zoom/ Google meet platforms.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for 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:**

The course outcomes for each course of B. Pharmacy, Pharm.D and M.Pharmacy programmes were prepared by the faculty with reference to designed curriculum. The course outcomes are written by the respective faculty member using action verbs of learning levels suggested by Bloom Taxonomy and approved by PO and PEO committee consisting of members of all stake holders. The suggestions from the academicians of other institutes and industry experts were obtained in their respective Boards of Studies and were duly incorporated. Accordingly revisions are done wherever required. At the end of every semester, all the departments evaluate CO's and PO's by using tools like mid-term results, course end survey and yearly alumni feedback etc., PO's of different programmes are drafted by all the faculty members in association with HOD's and the drafted PO's are circulated among all members of BOS and Academic council, and finally approved. Periodically CO's and PO's are also verified during delivery of instructions. CO attainments and PO attainment were calculated for semester/ academic year. Approved CO's and PO's are circulated among all the stake holders including students, faculty through brochures, curricular books, special cards, and website. Copies of CO's, PO's, PSO's, and PEO's are also kept in library and displayed in corridors of the institution.

**Mechanism of communication:** The institution has a mechanism of communication of programme educational objectives, program outcomes, and course outcomes, of all programs. PEO's, PO's and CO's are available in the prospectus and are displayed on institute website, library and placed on institutional corridors for reference of all the stakeholders. They are also communicated in beginning of every academic year, during the orientation programme, also with vision and mission of the institute. The formulated POs, and COs are communicated to the students by the respective academic incharge and the course teacher in the class rooms during theory and practical sessions. The COs are also displayed in the website as well as communicated to the students through syllabus books which are distributed to the students. CO's are available in the lesson plan of the concerned faculty and are discussed in teaching staff meetings. Quizzes are conducted about PEO's / PO's for students by the concerned faculty. Faculty members maintain their lesson plans with detailed schedule of lessons along with course objectives and course outcomes.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

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

**Response:**

CO attainment level is set for the program and courses based on the continuous internal assessment and



semester end examinations.

**Semester end examinations:** From the semester end examinations, the number of students who scored more than 60% from the total appeared was considered and calculated to get the attainment level on scale of 3.

For example: *Calculation*

Number of students scoring 60% and more than 60% / Total number of students appeared \* 3

80% of semester end examinations to be considered

#### **Direct Assessment:**

Each question of sessional examination is mapped with course outcomes of that particular course and based on the question attempted by the students from the total, students who scored 60% and more than 60% of the particular question was computed and analyzed for the attainment. From the computed value, 80% is considered for direct attainment of course outcomes.

**Indirect Assessment:** Students, Staff, Alumni, Employer and Parent's feedback was collected for all courses at the end of semester. From the collected data, high, moderate and low grades/scores were counted and computed. 20% of indirect assessment was taken. Accordingly each course outcome of all courses is computed and analyzed.

Overall attainment from sessional examination performance was calculated by considering 80% of direct assessment and 20% of indirect assessment.

#### **Calculation of course attainment:**

In each sessional, the number of students who achieved a set target for the course outcomes that mapped for each question in the question paper was identified and computed. Based on sessional examinations conducted in each semester (either 2 or 3), the average of these values are computed to decide the attainment level. From the obtained value, 80% was considered and the remaining 20% was taken from the feedback survey (Indirect assessment).

Course attainment for semester end/year end examinations is also done by mapping the questions of the external examination papers against course outcomes. Students who score 60% or more than 60% of the particular question was computed and analyzed for attainment. From the attained score, 80% of the value is considered which is to be added for 20% of Internal attainment.

#### **Internal Assessment**

Accordingly the attainment of each course outcome for both sessional examinations was calculated for strongly mapped questions and an average value was taken. 80% of the sessional average and 20% of feedback on course outcomes (Indirect assessment) was taken as internal assessment.

**University Assessment**

In case of semester end examination results, the percentage of students who attained the set average percentage (60% of maximum marks) was identified and computed.

**PO assessment:** Programme outcomes are evaluated by direct and indirect assessment methods. Direct assessment is calculated based on CO attainment from student's performances (80%). Indirect assessment (20%) was calculated by taking surveys from staff, alumni, employer's, student exit surveys, parents and average attainment of each PO's calculated. It is observed that programme attainments of all programmes was satisfactory (1.48 to 2.26) and motivating all stakeholders to reach higher PO attainments.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**2.6.3 Pass Percentage of students(Data for the latest completed academic year)**

**Response:** 98.9

**2.6.3.1 Total number of final year students who passed the examination conducted by Institution.**

Response: 180

**2.6.3.2 Total number of final year students who appeared for the examination conducted by the Institution.**

Response: 182

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>
Any additional information	<a href="#">View Document</a>
Link for the annual report	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

**2.7 Student Satisfaction Survey****2.7.1 Online student satisfaction survey regarding teaching learning process**

**Response:**

File Description	Document
Upload database of all currently enrolled students	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Link for any additional information	<a href="#">View Document</a>

NAAC

## Criterion 3 - Research, Innovations and Extension

### 3.1 Promotion of Research and Facilities

**3.1.1 The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented**

**Response:**

Research facilities of the institute (Equipment/Glassware/Chemicals/Books/Journals) are frequently upgraded, research activities of the institute are continuously monitored by the Research advisory board of the institute. Research policy established by the institute promotes research, entrepreneurship and innovation to ensure that the outcomes benefit mankind. Research policy and minutes of Research Advisory Board are uploaded on the institutional website. To realize the vision and mission of the institute for contributing to national development with established standards and norms relating to safe and ethical conduct of research along with research collaborations with national and international universities/ institutions, government agencies, R&D organizations and funding agencies for sponsored and contractual research .

**Scope:** The policy applies to all the faculty/staff, research scholars and students of Chalapathi Institute of Pharmaceutical Sciences who are engaged in any form of research activity.

01. All faculty members of the institute are expected to undertake research activities in addition to their teaching and administrative responsibilities.
02. They should, as far as possible, seek external funding in support of research.
03. Building entrepreneurship skills among the students and help them for such establishments.

**Objectives:**

01. Build appropriate research facilities and infrastructure for advancement of research.
02. Maximize research capability of faculty members by actively engaging in research work.
03. Motivate and encourage faculty members to improve their qualifications by registering for doctoral and post-doctoral programs.
04. Encourage and incentivize faculty for research publications in SCI and Scopus indexed or other equivalent peer-reviewed/reputed and indexed journals.
05. Develop Annual Research Activity plans and provide seed money for minor research projects for Staff, Scholars and Students.
06. The necessary information sources supporting research (data bases, books and magazines) and the relevant library and information services are provided.
07. Forge MoU's with Industries and R & D organizations for consultancy, collaboratiave research,

sponsored projects, etc.

08. Motivate faculty, scholars, staff and students to apply for Patent to protect IPR and help to get the discoveries commercialized.

09. Organize research promotion events like conferences, seminars, workshops and invited lectures and motivating them to present research papers in national and international conferences/ workshops, research competitions and exhibitions.

10. Organize brainstorming sessions through talks with eminent personalities from industry, R & D organizations and institutions of repute.

11. Capture appropriate problems faced by the industry and find solutions through R & D projects, consultancy work, etc. and to operate a separate bank account for research.

**Rights and Responsibilities:** The transmission to knowledge and conduct of scholarly investigations are primary functions of the institute.

**Rights of Faculty Members / Faculty to Students:** To carry out the research mission effectively, Faculty and scholars are guaranteed certain freedoms. Faculties have the right to academic freedom in the pursuit and support of research as defined by the institute.

The institute is committed to demonstrate support and appreciation for its faculty, scholars and students. To that end, faculty members are encouraged to provide development opportunities and, if possible, a mentor relationship for those in their group.

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
URL of Policy document on promotion of research uploaded on website	<a href="#">View Document</a>

### 3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

**Response:** 0.4

3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).

2020-21	2019-20	2018-19	2017-18	2016-17
0.66	0.55	0.44	0.22	0.12

File Description	Document
Minutes of the relevant bodies of the Institution	<a href="#">View Document</a>
List of teachers receiving grant and details of grant received	<a href="#">View Document</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.1.3 Percentage of teachers awarded national / international fellowship for advanced studies/research during the last five years

**Response:** 1.1

#### 3.1.3.1 The number of teachers awarded national / international fellowship for advanced studies / research year wise during last five years

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

File Description	Document
List of teachers and their international fellowship details	<a href="#">View Document</a>
e-copies of the award letters of the teachers	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 3.2 Resource Mobilization for Research

### 3.2.1 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:** 57.07

#### 3.2.1.1 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
1.36	34.494	0	18.11765	3.10

<b>File Description</b>	<b>Document</b>
List of project and grant details	<a href="#">View Document</a>
e-copies of the grant award letters for research projects sponsored by government and non-government	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.2.2 Percentage of teachers having research projects during the last five years****Response:** 5.49**3.2.2.1 Number of teachers having research projects during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
5	3	0	2	5

<b>File Description</b>	<b>Document</b>
Names of teachers having research projects	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

**3.2.3 Percentage of teachers recognised as research guides****Response:** 16.95**3.2.3.1 Number of teachers recognized as research guides**

Response: 10

File Description	Document
Upload copies of the letter of the university recognizing faculty as research guides	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

### 3.2.4 Average percentage of departments having Research projects funded by government and non-government agencies during the last five years

**Response:** 35

#### 3.2.4.1 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
02	01	0	01	03

#### 3.2.4.2 Number of departments offering academic programmes

2020-21	2019-20	2018-19	2017-18	2016-17
04	04	04	04	04

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>
Any additional information	<a href="#">View Document</a>
Paste link to funding agency website	<a href="#">View Document</a>

## 3.3 Innovation Ecosystem

**3.3.1 Institution has created an eco system for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, Incubation etc.**

**Response:**



The institution provides a conducive environment for promotion of Innovation and Incubation. The institution has created an ecosystem of obtaining research projects from pharmaceutical laboratories/pharmaceutical industries/institutes/organizations, to innovate and incubate research ideas or concepts to develop pharmaceutical formulations or products for societal needs. All required facilities are provided and guidance is extended to the students and faculty. Students and faculty are encouraged to actively involved in the application of pharmaceutical sciences for societal needs. Necessary support is provided for documentation, publication of research papers and also for obtaining patents. Institute is recognized as a host centre of Micro, Small and Medium Enterprises - MSME (HIBIAP002115), development of cost-effective society related projects are encouraged. The said business incubator developed herbal hair oil, herbal mouth ulcer gel, herbal pain balm etc., The center is developing students for entrepreneurship and Start-up providing guidance on project report preparation, financial assistance, market survey and marketing of product. Entrepreneurship awareness workshops have been organized in collaboration with OpEx. Seminar and workshop have been organized by the center for the students to give them an idea to manage and run their entrepreneurial venture. The center motivates students to incubate their start-ups in the campus by offering current developments technology.

Awareness meets, workshops, seminars and guest lectures on Entrepreneurship are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field. Product service training is provided for creating awareness on marketing the products. Entrepreneurship skills course for 30 hrs is included in curriculum. One patent was awarded to the faculty in the year 2021 and 36 patents were published.

Financial support is extended to the students for exhibiting their models at the idea generation contests, competitions held by other organizations. Students are provided with an opportunity to acquire skills for commercialization of their product. The local entrepreneurs are invited to address the students and inspire them.

The institute has a well-defined and published research promotion policy, faculty members are encouraged and financially supported to guide research, A good number of students have registered for Ph.D., programmes and the number are increasing every year.

Seed funding is provided to pursue specific research programs. Central facilities and advanced research centres and Laboratories have been established that are accessible to all. It is ensured that they are optimally utilized.

The institute has recognized research centre and this would be an added advantage to the students and faculty to develop their prototypes.

During the last five years **23** Ph.D.'s were produced by the research center established in the college and **14** research scholars are working actively in these research center under **10** recognized guides.

A core team with 9 members including students coordinators, advisory board /mentor board were setup. About 10 startup master classes, IDEATHON, few review meetings on prototype products were organized.

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

### 3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years.

**Response:** 70

#### 3.3.2.1 Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
26	15	17	10	2

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>

## 3.4 Research Publications and Awards

**3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee**

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

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

**3.4.2 Number of Ph.D's registered per teacher (as per the data given w.r.t recognized Ph.D guides/supervisors provided at 3.2.3 metric) during the last five years**

**Response:** 4.5

3.4.2.1 How many Ph.Ds are registered within last 5 years

Response: 45

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

Response: 10

<b>File Description</b>	<b>Document</b>
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 web site	<a href="#">View Document</a>

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

Response: 6.74

**3.4.3.1 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
106	72	49	102	39

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

**3.4.4 Number of books and chapters in edited volumes / books published per teacher during the last five years**

Response: 0.4

**3.4.4.1 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
08	04	07	01	02

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

### 3.4.5 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

**Response:**

File Description	Document
Bibliometrics of the publications during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.4.6 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

**Response:**

File Description	Document
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 3.5 Consultancy

### 3.5.1 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

**Response:** 2.93

#### 3.5.1.1 Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).

2020-21	2019-20	2018-19	2017-18	2016-17
0.39	0.80	0.67	0.61	0.46

File Description	Document
List of consultants and revenue generated by them	<a href="#">View Document</a>
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.5.2 Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs).

**Response:** 140.64

#### 3.5.2.1 Total amount spent on developing facilities, training teachers and staff for undertaking consultancy during the last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
14.88	49.63	43.86	19.54	12.73

File Description	Document
List of training programmes, teachers and staff trained for undertaking consultancy	<a href="#">View Document</a>
List of facilities and staff available for undertaking consultancy	<a href="#">View Document</a>
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 3.6 Extension Activities

### 3.6.1 Extension activities are carried out in the neighbourhood community, sensitising students to social issues, for their holistic development, and impact thereof during the last five years

**Response:**

Our institute has made remarkable strides in organizing the extension activities in the neighborhood community with multipurpose objective of not only sensitizing students to social issues but also giving them an exposure to community health issues and their solutions for sustained maintenance of community

health, enhance their perceptual skills, manageable skills and decision making capabilities which overall contributes to their holistic development.

Our institute has adopted nearby village LAM where we regularly organize awareness programmes on child education, health camps, free medicines supply camp in which our students actively participates and communicates with the neighborhood.

Blood donation camps in the College area regular feature whereby students and staff donate blood for the cause. The camps facilitate blood drawn up to 150-200 units which is sent to Guntur Government hospital, Guntur, Andhra Pradesh.

NSS units take part in various initiatives like organizing camps, Swachh Bharat initiatives, blood donation camps, awareness programmes on communicable diseases prevention, workshops, organ donation, rallies with themes like save water cleanliness, usage of plastic, green environment & tree plantation. We also encourage and promote our students to act as volunteers during Pushkaralu or other public domain events on behalf of government.

Women cell of our institute focuses on women empowerment, Entrepreneurship skills, employment opportunities and self defence programmes.

From 2004 to till date our institute yearly organizes Pharma exhibition for motivating and encouraging the students of our institute to exhibit their practical skills and educate the same to participants who are the school and college students of surrounding areas. This provides a stage to students to interact with the neighborhood students and encourage them towards the Pharma career.

IPA Lam branch, ISPOR Amaravathi regional chapter and other units of our institute will never leave a stone unturned to celebrate special event days like world diabetes day, cancer day, Breast cancer month, AIDS day and all other special days and conducts either awareness programmes or Health camps in Guntur Government Hospital, people of Adopted village Lam and also at main centers of Guntur to reach the common people.

### **Impact and sensitization**

All these extension activities will enhance the knowledge of societal issues and problems and will be able to come out with a solution by interacting with them. Build up an attitude of humanitarian work in future, a passion and brotherhood towards community, affected people. Develops skill and aptitude for problem solving. Include social skills communication skills, management skills, leadership skills, analytic skills, perceptual skills .

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

**3.6.2 Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government recognised bodies during last five years****Response:** 20**3.6.2.1 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
7	4	2	2	5

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

**3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., during the last five years ( including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)****Response:** 74**3.6.3.1 Number of extension and outreach Programs 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
14	18	16	13	13

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

**3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years****Response:** 97.58**3.6.4.1 Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
684	644	668	633	636

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

**3.7 Collaboration****3.7.1 Number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work****Response:** 187.8**3.7.1.1 Total number of Collaborative activities per year for research/ faculty exchange/ student exchange/ internship/ on –the-job training/ project work**

2020-21	2019-20	2018-19	2017-18	2016-17
173	179	196	179	212

File Description	Document
Number of Collaborative activities for research, faculty etc	<a href="#">View Document</a>
Copies of collaboration	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>



**3.7.2 Number of functional MoUs with institutions of national, international importance, other institutions, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)**

**Response:** 34

**3.7.2.1 Number of functional MoUs with institutions of national, international importance, other Institutions, industries, corporate houses etc. year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
09	07	07	05	06

<b>File Description</b>	<b>Document</b>
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View Document</a>
Details of functional MoUs with institutions of national, international importance, other Institutions etc during the last five years	<a href="#">View Document</a>
Any additional information	<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 Institute possesses **22 laboratories recognized by DSIR** equipped with advanced equipment required for Teaching-Learning of all programmes and for the development of basic research, process chemistry, formulation and analysis of conventional and novel pharmaceutical products, preclinical studies of pharmaceuticals and development of nutraceuticals. Analytical Drug Testing Laboratory to test for 36 drugs (Approved by Drugs Control Department, Govt. of AP), molecular modeling laboratory, University approved research centre, Computer cum language laboratory also exist in the institution. **Animal house** of Chalapathi Institute of Pharmaceutical Sciences (CLPT) is registered (Regd.No.1048/a/07/CPCSEA, date: 24/04/2007) with committee for the purpose of control and supervision of experiments on animals (CPCSEA). The facilities for conducting the theory classes are good. Total of 8 lecture halls and two tutorial rooms were established for B.Pharmacy programme, 6 lecture halls for Pharm.D and 4 lecture halls for M.Pharmacy. Institution had entered into an MoU with Government General Hospital, Guntur to share clinical activities of the programme. Additional Lecture hall, seminar hall, teaching at beside, clinical training of students are shared with Government General Hospital (GGH) for learning clinical activities.

Each lecture hall can accommodate a minimum of 75/100 students with good ventilation. Lecture halls/ Tutorial rooms are well equipped with benches/ chairs, fans, tube lights, uninterrupted power supply, LCD projector with screen and internet connection. Lecture Capturing system with Audio, Video recording, relay devices, software, editing/ annotation software with interactive pannel established in audiovisual centre to overcome teaching-learning difficulties of COVID pandemic. Examinations are conducted in the lecture halls. In addition to class rooms, a seminar hall with 200 capacity and Auditorium (sharedbasis) equipped with 1000 capacity, fans, tube lights, ACs, LCD projector with screen, uninterrupted power supply, where guest lectures/ seminars are being conducted. An incubation centre (Chalapathi Institute's Enrich) is established to train entrepreneurial research and incubation skills among students/ faculty in health care. The institute also possesses IPR cell/ IPA Lam branch/ ISPOR-ANU student chapter/ ISPOR-Amaravathi regional chapters and drug-poison information centre (GGH). The institute has well established and maintained **drug museum** at three different places. One museum is composed of live human organs and drugs and marketed formulations. The other museum consists of different varieties of plants, animals, crude drugs and specimens. Keeping in view of the importance of herbs, the institute has established an herbal garden with more than 100 rare, threatened and commercially important medicinal plants introduced from various regions of Andhra Pradesh. Herbal garden of the institute serves an important tool for teaching and research. **Total area of medicinal plant garden: 21,800 sq.ft.** and maintains a **Pradhan Mantri Bharatiya Janaushadi Kendra (PMBJAK)** where students get trained for primary health care and dispensing of medicines. **Library** is with 10128 volumes, 2799 titles of national/ international books, 6972 e-journals, 16 International and 32 national journals. Services of the library include book bank service, digital library, library visits, book exhibitions and reference services. Apart from enriching the students with strong pharmaceutical knowledge the students are encouraged to participate in **extracurricular activities**.

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

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

##### Response:

The institute while imparting quality pharmaceutical education and research and the continuous evaluation, the institute integrates sports and extra-curricular activities as essential components. This is done not only for participation but also to motivate them as proactive students. The institute possesses adequate facilities for sports, games and cultural activities. The total area of sports and games fields is 1299.87 Sq.Mts, Sports room 49.59 Sq.Mts, Sports office 37.62 Sq.Mts, Gym 76.82 Sq.Mts. Since from the inception, sports and cultural activities are carried out and a gym facility for the students was started from the year 2019. Major cultural events are organized in seminar hall and also at the auditorium/ open air auditorium. Facilities for outdoor and indoor sports and games that include badminton, volleyball, basketball, carom, table tennis and chess, and gymnasium also exist in the campus. Intra –collegiate and inter –collegiate games and sports competitions are organized through university every year. Students are specially trained for participation in Zonal and Inter – Zonal, National Youth Festival competitions organized by the Association of Indian Universities and other cultural and sports outside the campus. Students are excelled in these events by winning prizes and awards in individual and group events. Special classes on self–defense are organized for female students; special coaching is also organized for chess, Kabaddi and caroms. Every year inter collegiate sports/cultural events are organized every year. Students excel in inter-university competitions are rewarded with cash prizes and mementos. NSS Unit and heart fullness meditation centre also exists in the institute. During pandemic situation, online quizzes for sports and extracurricular activities were organised and students and faculty were motivated for yoga and meditation.

##### OUTDOOR GAMES:

S.No.	Name of the game
01	Volley Ball Court
02	Throw Ball Court
03	Tennikoit Court
04	Badminton Bats
05	Table Tennis

##### INDOOR GAMES:

S. No.	Name of the game	Availability of Facilities
01	Chess	Chess Boards-07, Chess Boards sets-07
02	Carroms	Carrom Boards-03, Board stands-02, Coin Sets-04
03	Athletics	Shot put-02, 16 LB-1, 12 LB-1

**GYM FACILITIES:**

S. No.	Availability of Facilities
01	Butterfly -07 Kg
02	Latis and Rowing – 75 Kg
03	Leg Press – 80 Kg
04	Leg curl and Leg extension – 60 Kg
05	Bench Press – 80 Kg
06	Biceps – 60 Kg
07	Chinning – 1
08	Abdomen Board – 1
09	Hip Flexer– 1
10	Hyper Extension– 1
11	Twister– 1
12	Dumbbells – 1 Kg, 2 Kg, 3 Kg, 4 Kg
13	Multi Press Bench – 1
14	Barbells Curl rods - 2
15	Straight rod – 1
16	Ab Rollers– 2
17	Pull up bar– 1
18	Push up bars – 4
19	Dumbbell rods– 4
20	Gym rope– 1
21	Gym plates : 1 Kg – 2, 2 Kg-6, 2.5 Kg-4, 3 Kg-6, 5 Kg-6, 10 Kg-4

**CULTURAL FACILITIES:**

S. No.	Availability of Facilities
01	Auditorium (Shared), open-air auditorium, and Seminar Hall (Exclusive)
02	Audio & Video System
03	Movable audio & video system
04	Tabla
05	Bongo Drum Set

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Geotagged pictures	<a href="#">View Document</a>
Paste link for 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:** 100**4.1.3.1 Number of classrooms and seminar halls with ICT facilities**

Response: 20

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

**4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)****Response:** 20.18**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
0.28	104.42	83.59	100.95	45.77

File Description	Document
Upload Details of Expenditure , excluding salary during the last five years	<a href="#">View Document</a>
Upload audited utilization statements	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Link for any additional information	<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:**

Chalapathi Institute of Pharmaceutical Sciences (CLPT) has a library with a rich collection of text books, reference books, journals, magazines, CD-ROM's, research reports and online databases and is spread over in 344.45 Sq.M. area. It is aimed to provide to its students and staff a chance to explore world of knowledge in a comfortable environment. Amenities of the library are reprography, internet, book bank, new arrivals section, reference section and digital library. Apart from books relevant to the curriculum, a

rich collection of books, news letters, magazines, CD's related to general study, research, personality development are also provided for the enrichment of the students. Preparative materials for the competitive exams like GPAT, GRE, TOEFL and IELTS, PGECET provided in the library to help the students to prepare for higher studies. The Institute always strives to provide the latest and best collection of books and journals. Library is monitored through library committee.

Library has the facilities for issue / return of books and maintaining record of books such as NewGenLib software. Digital Library is also available with facilities such as subscription for e-journals ( Science Direct, DELNET, Inventi, J-Gate, API Database and e-Shod Sindhu) and e-books. The details of library facilities is as follows

### **Library Strength:**

Number of Volumes	:	10128
Number of Titles	:	2824
Number of CD's	:	242
Number of Journals	:	40
Number of e-Journals	:	6972
Number of Thesis reports	:	1254

Databases: Available

### **Library Working Hours**

8.30A.M. to 7.30 P.M. Working Days

9.30A.M. to 01.00 P.M. Sunday

9.30A.M. to 4.30 P.M. During Vacations

Reprography/scanning and printout facility, book bank facility, reference service, lending service, digital library, inter library loan service, overnight lending service, new arrivals, departmental library, library tour, book exhibition and wi-fi is available in library. All the information regarding library is communicated to the users by the way of library notices and notifications on the notice board. Institute has provided internet access for students and staff in the library. Internet can be accessed through Wi-Fi network or broad band connection. Unlimited download facility is available for staff and students in the library.

The faculty member (library in-charge) and library staff extend orientation to students of B.Pharm. / M. Pharm. / Pharm. D. The orientation includes rules and regulations of the library, procedure for issue and return of books, available e-resources in the library, membership of National Digital Library (NDL) and access to the same. Library staff also assists the newly appointed staff / admitted students, as and when required.

CLPT to improve library utilization library services by faculty/ students, the institute introduced library utilization award to faculty/one student of each programme. Library of CLPT secured best library award by Acharya Nagarjuna University in the years 2016 and 2017. Library also encourages staff/students to author books with ISBN and book chapters (faculty and students published 08 books and 06 book chapters.)

- Name of the ILMS software : **NewGenLib**
- Nature of automation (fully or partially) : **Fully**
- Version : **V3.1.4**
- Year of automation : **2010**

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

**4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources**

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

<b>File Description</b>	<b>Document</b>
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Details of subscriptions like e-journals, e-books , e-ShodhSindhu, Shodhganga Membership etc	<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:** 3.27

**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
1.243	6.88	4.34	1.89	2.02

File Description	Document
Details of annual expenditure for purchase of and subscription to journals/e-journals during the last five years	<a href="#">View Document</a>
Audited statements of accounts	<a href="#">View Document</a>
Any additional information	<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 last completed academic year

**Response:** 18.17

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

Response: 135

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

### 4.3 IT Infrastructure

#### 4.3.1 Institution has an IT policy covering wi-fi, cyber security, etc., and allocated budget for updating its IT facilities

**Response:**

Chalapathi Institute of Pharmaceutical Sciences has been following the IT policy approved by the Governing Body to the institute:

**Purpose of IT Policy:**

- To maintain, secure and ensure appropriate use of Information technology infrastructure established by the Institution on the campus.
- To work as a guide to stakeholders in the usage of the institution's computing facilities including computer hardware, software, email, information resources, intranet and internet access facilities.
- To set direction and provide information about acceptable actions and prohibited actions or policy



violations.

#### **IT hardware installation and maintenance guidelines:**

- IT hardware installation and maintenance is performed by system administrators.
- IT hardware installation and maintenance services are provided only after receiving an approval from the principal.
- Maintenance of computer systems should be done periodically by hardware Engineers of Manasa Computers as per the agreement and the same need to be recorded in maintenance register.
- Movement of IT hardware within the college or outside the college should be recorded in movement register.
- The major e-waste such as written off instruments / equipment's, CRTs, printers, computers, batteries should be sold regularly.

#### **Software installation and licensing guidelines:**

- IT policy allows authorized and open source software installation on the institution computers.
- Licensed software need to be installed in the systems.
- Antivirus software need to be procured and installed in the systems.

#### **Email account use guidelines:**

- Every department / unit / faculty is provided with an E-mail.
- The E-mail facility should be used primarily for academic and official purposes and to a limited extent for personal purposes.
- Faculty should refrain from intercepting, or trying to break into others email accounts, as it is infringing the privacy of other users.

#### **Web Site hosting guidelines:**

- Institution website should be used to provide academic and administrative information for its stake holders.
- Website updation committee is responsible for content updation and maintenance of the website.
- The contents hosted on website should be correct and clear.

#### **E-waste Management:**

- The institution has undertaken a number of E-waste management initiatives with the objective of creating an eco-friendly environment in the campus.
- The major e-waste such as written off instruments / equipment's, CRTs, printers, computers are sold out.
- UPS Batteries are recharged / repaired / exchanged by the suppliers.
- All the miscellaneous e-waste such as CDs, batteries, fluorescent bulbs, PCBs and electronic items are collected from every department and office and delivered for safe disposal.

- The waste compact discs and other disposable non-hazardous items are used by students for decoration.

The awareness programs have been undertaken in the institution where the students are made aware of the E-waste management techniques.

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

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

**Response:** 7:1

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:** 250 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>

#### 4.3.4 Institution has the following Facilities for e-content development

1. Media centre
2. Audio visual centre
3. Lecture Capturing System(LCS)
4. Mixing equipments and softwares for editing

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

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

#### 4.4 Maintenance of Campus Infrastructure

##### 4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

Response: 58.47

##### 4.4.1.1 Expenditure incurred on maintenance of 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
101.49	183.41	202.23	194.88	178.27

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Details about assigned budget and expenditure on physical facilities and academic facilities	<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:

Chalapathi Institute of Pharmaceutical Sciences has been implementing established systems/procedures for maintaining and utilizing physical/academic/support facilities:

**01 Introduction** Chalapathi Institute of Pharmaceutical Sciences (CLPT) has an established system for maintenance and utilization of laboratories, library, sports including gym, computers, classrooms, PMBJAK, Drug museum, medicinal plant garden, animal house and common rooms. This document provides a management framework and an outline on the association of responsibilities to ensure effective use and maintenance of existing infrastructural facilities.

**02 Purpose of the policy** The physical and academic facilities are implemented with policies to optimize the use of resources based on the needs of education, research and administration. CLPT, to meet the infrastructural requirements and maintenance of the institute, an infrastructure and maintenance committee (IMC) is established. The IMC is headed by the Principal, Physical Director as convener, one teaching staff member, warden (Boys and Girls hostels) librarian and an IQAC member.

**Maintenance of lecture halls/laboratories/ Computers/ Library/ Gym/ Sports/ Garden/ Museum/ common rooms/PMBJAK/ Seminar hall/ Board room:**

- 01 Lecture halls/common rooms with furniture and teaching aids including audio/visual systems are maintained by IMC.
- 02 Minor / Major repairs are registered in a maintenance register maintained in stores and are attended on priority basis.
- 03 Requirements for new purchases and maintenance of old furniture/fixtures is collected every year and approval will be obtained from the society.
- 04 Students optimally utilize all lecture halls (19) during the daylong working hours and are also mentored to up keep the furniture.
- 05 Laboratories (22) are maintained by the respective department staff and attenders and supervised by the respective HOD. The laboratory assistants take care of their respective laboratories.
- 06 Standard operating procedures designed by the teaching staff, approved by the laboratory teacher, in-charges and HOD shall be utilized for working of laboratory equipment.
- 07 The calibration, repairing and maintenance of sophisticated laboratory equipments are carried out by the technicians of equipment manufactures/ locally available technicians.
- 08 The microscopes / sophisticated laboratory equipment are cleaned regularly and maintained by the concerned department and supervised by the teaching staff and HOD.
- 09 There is systematic disposal of waste of all types such as biodegradable/chemical and e-waste.
- 10 Annual stock checking of furniture, laboratory equipment, library stationary, ICT facilities, sports, gym items, drugs and specimens in drugs museum, library, animal house, etc., and all assets by staff members as a year ending activity and a consolidated report is submitted to the administration to take up necessary actions if required.
- 11 The institution has adequate number of computers with ICT facilities including internet maintained by computer maintenance service provider-Manasa Computers (Computers/ LCD's) and Sri Lakshmi internet services (Internet).
- 12 Teaching faculty surprisingly visits girls and boys hostels for monitoring activities of the students.

- 13 Library books and records are updated regularly by Librarian, who reports to the Principal. Library committee review and recommend to the head of the institution for approval. There are certain rules and regulations to be adhered while using the library services including computers. Documented entry has to be made by the students in the library after they enter the library. The issues like weeding out of old titles, schedule of issue/return of books, etc., are chalked out/resolved by the library committee.
- 14 Sports equipment/cultural equipment/gym/sports ground are supervised by Physical Director.
- 15 Adequate in-house housekeeping staff is employed for the cleaning of the institutional premises in order to provide a congenial learning environment. Lecture halls, laboratories and rest rooms are cleaned on daily basis and sanitised. Dust bins are placed at all the required points. A well maintained garden and drug museum is available and are maintained by IMC.
- 16 The institution also possesses common rooms, board room, PMBJAK, Seminar Hall and a shared auditorium.
- 17 The campus is under CCTV surveillance which is maintained by Vijay Communications under annual contract.
- 18 Every department maintains a stock register for the equipment/glassware/chemicals/furniture and for other operating supplies. These are intended as per requirement by the respective teaching faculty by the approval of HOD and final approval for the procurement is given by the principal after the due approval from the society.
- 19 The civil, repair and other renovation work is regularly maintained by IMC.
- 20 The institute provides sufficient and safe drinking water, possesses 08 water coolers.
- 21 The institute also maintain 30 KV Solar unit, 01 solar water distillation unit, 83.5 KV generator and are maintained by IMC.
- 22 The institutional website ([www.chalapathipharmacy.in](http://www.chalapathipharmacy.in)) is maintained regularly by website provider-Web zone designs.
- 23 Stores-general/chemical/alcohol/gas store are supervised by stores in-charge.
- 24 Periodical academic audit is conducted annually by external agency for transparency.
- 25 Suggestion boxes are installed at different places of the institutions to collect feedback about academic/administrative activities.
- 26 The institution possesses 07 UPS which are annually maintained by Karthikeya Power Solutions, Vijayawada (AMC).
- 27 The institution possess fire safety certificate which is renewed annually, supervised by stores in-charge/IMC.
- 28 Elevator is provided for physically challenged persons and it is supervised by IMC and is under

annual contract with Sunrise Lifts, Vijayawada.

29 Rest rooms are provided for physical challenged students and are supervised by IMC regularly.

30 The institution is accommodated with 32 intercom phones which are annually maintained by Vijay Communications.

31 The institution maintains 31 softwares which are intended for academic and official use.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for 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:** 45.67

##### 5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
298	305	307	309	308

#### File Description

#### Document

upload self attested letter with the list of students sanctioned scholarships

[View Document](#)

Upload any additional information

[View Document](#)

Institutional data in prescribed format

[View Document](#)

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

[View Document](#)

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

**Response:** 8.24

##### 5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution / non- government agencies year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
28	52	89	68	39

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Number of students benefited by scholarships and freships besides government schemes in last 5 years	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology**

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

File Description	Document
Details of capability enhancement and development schemes	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link to Institutional website	<a href="#">View Document</a>

**5.1.4 Average percentage of students benefited by career counseling and guidance for competitive examinations offered by the Institution during the last five years.**

**Response:** 88.52

**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
579	645	531	648	558

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 adopts the following for 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

File Description	Document
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>

## 5.2 Student Progression

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

**Response:** 54.57

#### 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
89	112	91	87	92

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

### 5.2.2 Percentage of student progression to higher education (previous graduating batch).

**Response:** 10.38

#### 5.2.2.1 Number of outgoing student progressing to higher education.

**Response:** 19

File Description	Document
Upload supporting data for student/alumni	<a href="#">View Document</a>
Details of student progression to higher education	<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:** 80.35

**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
37	68	78	64	80

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

2020-21	2019-20	2018-19	2017-18	2016-17
70	82	84	76	90

File Description	Document
Upload supporting data for student/alumni	<a href="#">View Document</a>
Number of students qualifying in state/ national/ international level examinations during the last five years	<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: 43**

**5.3.1.1 Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (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
13	10	6	7	7

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

**5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution**

**Response:**

The institute possesses an active students council; with student members, facilitated through a teaching staff member. The purpose of the student council is to develop leadership skills, soft skills, learn how to work with a team, learn how to engage with diverse groups of people, gain networking opportunities, assist fellow students with their voice heard and share experiences by organizing institutional activities and service projects. In addition to planning events that contribute to institute spirit and community welfare, student council is the voice of the student body. Apart from student's council committee, students of the institute also act as active members in the following institutional committees.

1. Boards of studies
2. Academic Council
3. Internal Quality Assurance Cell (IQAC)
4. Industry Institute Partnership and Entrepreneurship Cell (IIPEC)
5. Anti Ragging Committee -To ensure that there is no ragging in the campus or hostel.
6. SC/ST Counseling Committee
7. NSS Unit
8. Sports Committee
9. Cultural Committee
10. Newsletter's committee

1. CLPT Newsletter

2. Therapeutic Newsletter

3. Praxis Magazine

11. Intellectual Property Rights Cell

12. Library committee

13. Women's Cell

14. Students Council committee

15. Unnath Bharath Abhiyan

16. ISPOR ANU Student Chapter

17. ISPOR – Amaravathi regional chapter

18. Chalapathi's Enrich center

19. Hostel Committee

20. Internal Complaint Committee

21. IPA – Lam branch

In this institute students of different programmes, different classes were nominated as members of various committees based on merit and their skills in respective area. Student members are incorporated in all academic curricular and co-curricular committees of the institute. Student members are allowed to express their views and consideration for spectacular growth of the institution.

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

### 5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

**Response:** 17.4

#### 5.3.3.1 Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
15	18	26	18	10

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 organised per year	<a href="#">View Document</a>

## 5.4 Alumni Engagement

### 5.4.1 The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

#### Response:

Alumni Association of Chalapathi Institute of Pharmaceutical Sciences has been established in the year 2010 with a vision to play a proactive and supportive role for the institution, its students and alumni at large. To reach, engage and serve all alumni, present students by networking with one another to foster a life-long intellectual and emotional connection between the institution and its graduates. The association serves the need of CLPT ALUMNI for leadership, voluntary commitment, good will, financial support, strengthening industry - academic collaboration and communications including public relations.

#### Contribution of alumni association:

**Interactions with industrial associates:** Alumni association supports the students and institution by arranging guest lectures, training programs, career consultations, motivating the students and finally it acts as a link between industry and institute.

**Alumni interaction:** Alumni of our institute are invited as resource persons at various events, guest lectures and panel discussions to give inputs to aspiring graduates. They provide inputs and share their experiences regarding skills, recent technologies & trends in pharmaceutical research, application of knowledge and working culture.

**Placement and career guidance:** Alumni working in different pharmaceutical companies keep the faculties and the placement officer abreast about the available job opportunities. They assist and guide the students to crack the interviews. They also share their experience with the students and motivate them for their career development in various domains.

**Entrepreneurship Awareness:** Some of our Alumni have established startups in different sectors, many of them are first generation entrepreneurs. Through the journey as an entrepreneur, they learnt various skills & knowledge. They enlighten the students with their success stories and challenges faced.

**Best alumni award:** To encourage our students and alumni as well we started best alumni awards to the students who have excelled in their career and rendered contribution to the pharma sector.

**Other services:**

- Supports students and institute to arrange for industrial visit/training of students. To find sponsors for project allotment and to support training in industries.
- To procure equipment for the upgradation of laboratories of institution.
- Network among alumni create database of graduated students and create a networking website of the alumni association.
- Publish regular bulletins on alumni activities and achievements by alumni members.
- To arrange get together to promote active interaction among the members.
- To interact and motivate members to associate and contribute for the alumni.

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

**5.4.2 Alumni financial contribution during the last five years (in INR).**

**Response:** D. 2 Lakhs - 5 Lakhs

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

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

#### 6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

##### Response:

##### Vision

To inculcate excellence in various fields of pharmacy, mould the institution as centre of excellence in terms of academics and advanced research.

##### Mission

Committed to impart quality pharmacy education and research to meet global standards.

The program is intended to impart quality pharmacy education.

Chalapathi Institute of Pharmaceutical Sciences is driving towards excellence in tune with vision and mission by having a strategic plan. This strategic plan always makes a path for value based education and also:

- Enhance the quality and equity of the learning experience of students
- Increase the scale, relevance, and impact of research
- Expand and make decisive and time-lined improvements
- Provide a strong administrative and good governance arrangements

##### Reflection of Mission and Vision in the leadership of institute

##### *Policy and Planning:*

The Principal and Heads of the department makes action plans in consultation with faculty members to review of outcomes from the implementation of action plans through meetings with functional committees and makes necessary changes in action plans if required. The requirements for policy making and planning are collected by the Principal through interaction with various stakeholders and feedback obtained from IQAC.

***Interaction with stakeholders and faculty:*** The principal ensures that all stakeholders are involved in different activities. The faculty members play major role in various committees and cells to contribute in decision making, implementation of plans and formulating perspective /strategic plans for the future endeavors.

***Academic and Administrative bodies:*** The Governing body, academic council and Boards of Studies are the bodies which hold topmost position in the administrative hierarchy. They comprise eminent academicians, industrialists and administrators formulating the rules and regulations for Academic and Administrative functions in tune with the vision and mission statements of the institute.

Vision, Mission, short term and long term goals, quality policies are kept wide open to all stakeholders for their suggestions, necessary training is provided to its faculty and supporting staff for their development and motivates the team building and team work to create healthy work culture.

### Perspective plans:

The institution have its well thought perspective plan for the overall development in academics and research.

- Enhance and enrich educational opportunities and ensure a focus on the student
- Recruit, retain, and enable a diverse community of exceptional faculty, staff and students
- Increase research enterprise and impact
- Establish a culture of innovation and change
- Develop strategic partnerships and interdisciplinary collaborations
- Increase visibility, outreach, and community engagement
- Develop a sustainable infrastructure

### Participation of teachers in decision making bodies

One of the most important managerial concepts of the institution is that the administration is managed through teachers as chairpersons and members of various committees with student/ parent/management representation. This has created a sense of involvement and responsibility among all the staff members resulting in efficient administration of the institution. Every year, the composition of different committees is changed to ensure a uniform exposure of duties for academic and professional development of faculty members. The Heads of various committees/cells conduct regular meetings with respective members at all level.

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

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

#### Response:

A decentralized functioning mechanism empowers the departments to function with a greater flexibility and at the same time they share the responsibilities. Departments are provided budget for their recurring, non-recurring expenses and also for purchase of library books. They spend the amount judiciously as per the requirement with the approval of the head of the institution. Departmental heads also delegate work to their colleagues to ensure smooth completion of work in the expected time frame.

The faculty members holding various positions of responsibilities like head of the department, academic incharges etc. are involved in decision making on rotation basis to get the experience of working in



different positions. Faculty is encouraged to excel in all fields of academics and research and is advised to take leadership positions at various levels. The academic performance of the faculty is continuously monitored through the student's response survey. The research performance is measured through research funding received, research publications and number of PhDs and Masters Students supervised. The performance of the faculty is ranked through a rigorous process and incentives for superior performance are announced on an annual basis. The leadership qualities are observed through a sequence of meetings and feedback received. This will create a positive attitude and zeal to excel.

The institution also promotes the culture of participative management at all activities like administration, student activities, curriculum development, research, sports etc. The institute has given equal representation in various committees at all levels from Professors, Associate Professor, Assistant Professors, students of various departments, experts from industries and alumni. The leadership at the institute is provided by the principal who has always been a person of excellence and eminence with proven track record. All departments are provided with authority to take own decisions by organizing department meetings which are finalized by the head of the institution and finally approved by the principal. The heads of the department often takes lead in planning seminars, workshops, career counseling sessions and interdepartmental collaborations. Academic coordinators play an active role in organizing parent-teacher meetings where the academic progress of the student is communicated.

### Case Study – Minor Research Projects

#### *Objectives*

- To encourage the students in research in advance by providing seed money.
- To promote knowledge and enthusiasm in students towards their research area of interest.
- To update the students with real world situations in pharmaceutical areas.

Apart of text book knowledge, in order to promote practical exposure and scientific skills, the institution introduced “Minor Research Projects”.

The concept of minor research projects for the UG students was highly circulated in the institution and invited candidates by giving an application. The applications were scrutinized and allotted guides as per their area of specialization. The guides will follow up the process of project and helps them in every aspect of their research.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for strategic plan and deployment documents on the website	<a href="#">View Document</a>
Link for 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:

#### Strategic plans of the institution

##### *1. Teaching and Learning*

- Deliver outstanding and evolving education programs, emphasizing experiential learning.
- Recruit, retain, and graduate better-prepared students.
- Build upon our legacy of student-centered learning to prepare the inter-disciplinary leaders of tomorrow.
- Provide a global, real-world perspective in the learning experience.
- Lead in the use of technology in education and enhance student access/learning through alternate delivery modes.
- Foster unique, modern curricula/programs that engage prospective students.

##### *2. Research and Innovation*

- Promote breakthrough faculty research, and impact through strategic investments.
- Recruit, develop, and retain outstanding and diverse faculty.
- Establish and grow major multidisciplinary research programs aligned with institutional priorities and societal needs.
- Foster a climate of interdisciplinary, translational research and development.
- Establish and enhance industry interaction by MoUs, industrial training and visits.

##### *3. Outreach and Engagement*

- Support and partner with appropriate outreach programs.
- Create a pipeline of high-quality local high-school and middle-school students through engagement by educating on various aspects in pharmacy education.
- Engage alumni in educational programs and development.
- Organizing Medical camps, Health days, HMAP and HMR programs.

##### *4. Development and Infrastructure*

- Implement an outcomes-based budgeting/financial model that aligns accountability and authority, and that provides incentives for departments to achieve the goals.
- Continue to maximize the productivity of the departments and operating efficiency.
- Enhance faculty startup to support new hires.
- Explore new revenue-generating academic/outreach programs.

##### *5. Internationalization*

- Framing the course syllabus according to the global relevance.
- Having student and faculty exchange programs with universities.
- Inviting global experts from academics and industry at conferences in the institution held at

international level.

One of the strategic plans of the institute is to receive grants from governmental and non governmental agencies. In fulfillment of this, the faculty of the institution has received the following grants during the last 5 year cycle:

- Dr.Vijaya Pandi Pandy received an amount of Rs.31,00,000/- by SERB in the year 2018-19 on Novel drug discovery from natural products for the treatment of alcohol dependence and withdrawal.
- Dr.S.T.V. Raghavamma received an amount of Rs.8,00,000/- by DBT on Foldscope in early detection of parasitic pathogens in blood smear.
- Prof.RamaRao Nadendla received an amount of Rs.10,11,765/- by AICTE on design and development of novel drug delivery systems using herbal medicines to treat alzheimer's disease.
- Prof.Rama Rao Nadendla received an amount of Rs.60,000/- by UGC on Phytochemical and hepatoprotective studies of *Nymphaea nouchali* in experimental rats.
- Prof.Narendra Babu received an amount of Rs.1,20,000/- by UGC on Investigation of Novel formazans for attenuation of subarachnoid hemorrhage induced cerebral vasospasm in rats.
- Dr.A. Elphine Prabahar received an amount of Rs.50,000/- by UGC on Multiple chromatographic and chemometric methods for quality standardization of Indian herbal medicines.
- Dr.V.Ravi received an amount of Rs.30,000/- by UGC on Investigation of modified tree gum as pharmaceutical binder and disintegrant.
- Dr.M.Sathish Kumar received an amount of Rs.50,000/- by UGC on Pharmacological investigation of flavonoids for enhancement of learning and memory processes.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Strategic Plan and deployment documents on the website	<a href="#">View Document</a>
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 and service rules, procedures, etc.

#### Response:

Following institutional bodies were established to implement very effective and efficient policies for the growth and development of the institution to meet vision of the institute:

**Governing Body:** The Governing body is responsible for the operation of all aspects of the institution including its finance, human resource, educational and research functions and infrastructure arrangements. It can develops the policies and deliberates on the academic, financial and administrative initiatives for the future, which guides the institution to serve its stakeholders as per the mission statements of the institution.

**Academic Council:** The academic council is academic body of the institute and responsible for the

maintenance of standards of education, teaching and training, interdepartmental co-ordination, research, examinations and tests within the institute and shall exercise such other powers and perform such other duties and functions as may be imposed or conferred upon it by the Rules and Bye-Laws. The core objective of academic council is to maintain the standards of education, approval of syllabi, approval of new programme, admission process, teaching-learning and evaluation methodologies, research initiatives and student support facilities.

**Finance Committee:** The finance committee is entrusted with protecting and renewing the institution's resources and assisting the board fulfilling its financial responsibilities. The committee reviews and prepares budget proposal under the direction of the head of the institution which is forwarded to the Governing body for approval.

**Board of Studies:** The Board of Studies (BoS) is the basic constituent of the academic system of an Institute. Its functions will include framing the content of various programmes / courses, reviewing and updating the content from time to time, introducing new programmes / courses of study etc. It reviews and revises the curriculum and matters related to academics. The recommendations are forwarded to the academic council for approval.

**Research Advisory Board:** The institute has a research advisory board to monitor and address matters related to research promotion and ethics. The institution aims to support and promote research and research training within and outside the institution. The board comprises of faculty of the institute and members from research institute possessing doctoral degree who are research inclined, motivated and talented to train minds for research inclination. The board will endeavour to foster research within the institute and encourage members of staff/students to apply for research grants.

**Internal Quality Assurance Cell (IQAC):** The Internal Quality Assurance Cell (IQAC) was constituted under the chairmanship of the head of the institution in December, 2013, for monitoring and advising the quality parameters of the institution. Every year, the institute submits an Annual Quality Assurance Report to NAAC on the up gradation and advancements of the institution. Quality assurance provides confidence to the stakeholders for developing competent graduates in an efficient and effective way. IQAC Coordinator develop a system for conscious and consistent improvement in the overall performance of institute. IQAC acts as a link between the institution and head of the institution/ Governing body, responsible for implementation of quality pharmaceutical education, research, through effective assessment of students.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>
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>
Institutional data in prescribed format	<a href="#">View Document</a>
ERP (Enterprise Resource Planning) Document	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for additional information	<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 and avenues for career development/ progression****Response:**

Institution have evolved an excellent work culture of respecting each other and thus creating an ambience congenial for academic and personal growth. We believe that when the staff grows the Institution also grow.

The institute has set high standards for imparting quality education and thus induct faculty with higher academic profiles, urge to excel in their respective fields and serve the students and the institution with dedication and high quality standards. All the faculty members inducted are qualified and competent teaching in all the academic courses.

The institution has established a professional development allowance for a variety of academic activities for all levels and has encouraged faculty to participate in conferences, symposia, workshops, training programs etc. The institution provides seed money for research and also encourages the faculty to register for their Ph.D.

For the non teaching staff, the institution has organized computer proficiency upgradation programmes, training on equipment, preparation of reagents, cleaning and maintenance of glassware, equipment etc, to achieve the desired standards. The non teaching staff has been motivated to undergo for demonstration programmes to handle the equipment as per SOP.

The institution also supported teaching and Non-teaching faculty members with insurance for COVID 19.

Along with these, the institution provides welfare measures like:

- Incentives to teaching and non teaching staff on the basis of their performance.
- Research awards for well worthy projects and publications.

- Staff's pursuing higher studies are allowed to avail study leave for carrying out their examinations.
- Health insurance and accidental insurance as applicable.
- House loans and Provident fund to teaching and non teaching faculty.
- Salary advance, loans to desired teaching and non-teaching staff.
- Medical leave, supporting staff for hospital expenditure.
- Health insurance to one companion of non-teaching staff.
- Research / academic awards to teaching staff.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for 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: 13.52

#### 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
0	9	11	6	10

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

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

Response: 37

#### 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
20	44	37	43	41



File Description	Document
Reports of Academic Staff College or similar centers	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for additional information	<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:** 68.49

##### 6.3.4.1 Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
30	36	33	44	43

File Description	Document
IQAC report summary	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for 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 institute has the budgetary control system to monitor the effective and efficient use of financial resources. Many reforms were brought in the financial administration of the institution. Financial committee headed by the principal and representations of the management, teaching staff and administrative staff will be sought budgetary requirements from various departments and cells. At the

beginning of the academic year the annual budgets are prepared, reviewed and approved by the finance committee. The finance committee has fixed the limits of total recurring and non-recurring expenditures based on the income and resources of the institution.

The institute regularly follows internal and external financial audit system. The institutional accounts are audited regularly by both internal and statutory audits. Qualified internal auditors have been permanently appointed and a team of staff under them verify all vouchers of the transactions that are carried out in each financial year. The internal auditor shall evaluate and confirm the effectiveness of internal system of accounting of the receipts. The internal auditor should verify that the fees are collected from all the students and if there is any concession, the same is granted by a person who is so authorized. The internal auditor should also ensure that the fees received in advance and fees receivable are properly accounted and irrecoverable fees are written-off under the authorization of the appropriate person.

So far there has been no major objection in financial auditing, minor errors or omissions when pointed out by the audit team are immediately corrected / rectified and precautionary steps are taken to avoid recurrence of such errors in future. The auditor verifies the income and expenditure details of the college as per the balance sheet and provisions stipulated by law. The external auditing is done by a Chartered Accountant, specially designated for this purpose. External audit is also carried out on an elaborate way on quarterly basis. All the audited statements for the past years are uploaded in college website to maintain transparency in financial matters.

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

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

**Response:** 5.71

##### 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
5.0	0.10	0.46	0.15	0

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



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

#### Response:

The institution always monitors the effective and efficient use of available financial resources for the infrastructure development to support teaching learning process. Chalapathi Institute of Pharmaceutical Sciences is a self-financed private institution, tuition fee is the main source of income. Along with tuition fee, research grants from various Government and Non Government agencies, consultancy projects and funding from alumni are add on resources for mobilization of funds. These funds are utilized for all recurring and non-recurring expenditure. The institution has a well-defined mechanism to monitor effective utilization of available financial resources for the development of the infrastructure to augment academic needs.

All the administrative and academic heads along with coordinators of different cells (viz., research committee, placement cell, library advisory committee (for the purchase of books / journals), purchase committee (for repair and maintenance cost) software and internet charges, printing and stationary, equipment and consumables, furniture and fixtures), NSS cell, sports, cultural committee etc., will submit the budget requirements for the coming academic year. The finance committee prepares an annual budget estimate duly considering the proposals received and also the recommendations of the principal and management.

All the major financial decisions are taken by the institute's financial committee and Governing Body (GB). Institute adheres to utilization of budget approved for academic expenses and administrative expenses by management. After final approval of budget the purchasing process is initiated by purchase committee which includes all head of departments and account officer, accordingly the quotations called and purchase orders are placed after final negotiations. All transactions have transparency through bills and vouchers. The bill payments are passed after verification of items. Respective faculty member ensures that whether suitable equipment/machinery with correct specification is purchased. The entire process of the procurement of the material is monitored by the IQAC, purchase committee and principal. Financial audit is conducted by chartered accountant for every financial year to verify the compliance.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for 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 visible in terms of – Incremental improvements made for the preceding five years with regard to quality (in case of first cycle) Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles)**

**Response:**

Internal Quality Assurance cell (IQAC) is established on 2013 with a vision to streamline the quality initiatives of the institution. Institution's IQAC is vibrant and is constituted as per the norms of NAAC. It has representation from most of the departments and has an amalgam of senior and junior teachers.

The IQAC mainly focuses on

Realizing the Mission and Vision of the institution.

Defining the POs Institutionalizing the quality policies

Documenting the quality assuring strategies

Continuous improvement in the strategies after thoroughly assessing the attainment.

Redefining the new goals and observing the attainment level.

The objectives of IQAC are

To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.

To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

IQAC acts as advisory body of the institution at all levels. It advises all staff, heads of the department and incharges of units/cells fro implementation and sustenance of quality initiatives.

IQAC of the institute persistently strives from framing strategies to bring about an effective, cohesive and mutually beneficial networking between the members of the alumni, to improve the teaching-learning process through increased use of ICT, expanding the scope of the library, skill development courses, arranging for industrial visit/training of students, assisting in placements, providing information on latest happenings by organizing seminars, conferences, workshops, guest lectures in the institution, training program, career consultations (higher studies, developing communication and interpersonal skills of students for interviews).

IQAC encourages various committees/cells of the institute like NSS, ISPOR, IPA lam and alumni association to organize awareness camps, extension and service oriented activities. IQAC facilitates the creation of learner centric environment by adopting the required knowledge and technology for participatory teaching and learning process. IQAC maintains institutional database, also analyzes feedback from various offline and online sources. IQAC periodically conducts academic and administrative audits and follow up procedures.

IQAC prepares and submits Annual Quality Assurance Report as per the guidelines and parameters of NAAC and also aware teaching and non teaching staff on benefits and need of accreditation by various external bodies.

IQAC of the institute has been instrumental in implementing many innovative teaching learning methods in the form of orientation programmes, flipped classes, video lectures, quality enhancement of teaching through inter disciplinary lectures, skill oriented programmes, supportive classes, problem based learning, student assisted teaching, creative thinking, collaborative learning, crossword puzzles, students seminars, and utilization of powerpoint presentations.

IQAC advises and train faculty members to implement pedagogical initiatives. Industrial visits were carried out during the academic year for the students to enhance their practical knowledge. Development of problem based learning, improvement in creative, critical thinking, presentation skills and communication skills of students. Hands on training on Clinrex 2.0 by alumni members update the students with current advancements and job oriented skills. At regular intervals, IQAC conducts review meetings with academic coordinators, head of the departments to keep a check on all curricular, co-curricular and extracurricular activities.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for 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:**

Internal quality assurance mechanism involves all the members of the teaching and non-teaching staff who are oriented through the IQAC members to maintain high quality standards in all the processes and operations of the institution.

Institution firmly believe in imparting quality education to all the students by continuously innovating on the programs to be offered and the teaching learning techniques to be employed to meet the diverse student community. Teaching learning process is continuously reviewed by the IQAC; the Head's of the department and the teacher mentors. Structured feedback is taken from the student and all other stakeholders. The feedback received is analyzed and appropriate action is taken to meet the standards. Student-Parent-teachers meetings are conducted and the suggestions relating to teaching learning process are considered for further improvement.

**Reform based on Teaching-Learning approach:**

IQAC involves in teaching learning process right from the starting of the academic year to the semester end. IQAC conducts the internal evaluation of all departments whether curricular, co-curricular and extracurricular activities are conducted as per the planned calendar or not. Students centered teaching

program is opted by the institution to cultivate multidimensional abilities of the students. This provides the professional skill sets with the goal of enhancing opportunities in the industry. The program involves various activities which help to boost employability through aptitude test, group discussions, personal interviews, current awareness quiz, and subject/domain specific quiz. Competitive examination coaching develops of competitive spirit among the students and improvement in analytical, logical, reasoning and time management skills resulted in achieving more number of qualified students in competitive examinations. The institution also introduced online tests for GPAT/competitive examination for final year B.Pharmacy students. Faculty of the institute is instructed to be ready with lesson plans, academic calendar, course outcomes, instruction materials (power point presentations, video lectures) and all the resources at the beginning of the semester. Delivery of the curriculum contents is in line to the programme outcomes. Programme/courses delivery is monitored by the academic coordinator / IQAC.

**Curriculum enrichment and review:** Curriculum is enriched with supportive theory and practical, human ethics and professional values course, MOOCs courses, certificate courses, bridge course and skill oriented programmes. The concepts of the curriculum is strengthened which made the students ready for pharmaceutical domain. Feedback is collected from the industrial experts, alumni stake holders, students and faculty on curriculum. Collected feedback is analyzed and corrective measures are taken when required.

**Faculty training Programmes:** IQAC conducts faculty training programmes to abreast their pharmaceutical knowledge on par with the current trends and research skills. Faculty of the institution also update and rejuvenate with new concepts in the areas of pharmacy through refresher courses, faculty training programmes and faculty exchange programmes. Training of the faculty will improve their teaching skills and in turn learning capabilities of students.

**Feedback system:** Collection of feedback by IQAC at every step gave a chance of improvement of teaching learning process.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for 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)**

**Response:** All of the above

<b>File Description</b>	<b>Document</b>
Upload e-copies of the accreditations and certifications	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Paste web link of Annual reports of Institution	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

NVAAC

## 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:

Chalapathi Institute of Pharmaceutical Sciences sensitizes students and employees regarding gender equity and takes the social responsibility of reacting to the events happened in the society.

The institution enhances self-confidence, women participation and empowerment, to create congenial environment and to develop critical thinking and decision making ability of women students. Institute ensures a ragging free environment in the campus and hostels by nominating anti ragging squad which creates awareness among students on ragging and its punishments. The key feature of sexual harassment of women act 2013 is the key for the introduction of internal complaint committee at chalapathi institute of pharmaceutical sciences. Internal complaint committee must oversee the implementation of anti-sexual harassment policy, deliberate and resolve complaints on sexual harassment at work place and recommend disciplinary action if any to the employer.

The institute promotes gender equity in admissions, recruitment, administrative functionality and academic activities. 21 Women teaching faculty, 15 Women in Non-teaching staff and 454 Female Students out of 684 total students in the institution. Based on this, **66.37%** of female students are being educated in the institution for the recent academic year 2020-21. Women were encouraged by making them as the Faculty-Incharges to the cells/committees like Examination Cell, Women's, cell Sports Committee, Cultural Committee, Praxis Committee, Grievance Cell, CLPT Newsletter Committee etc., and also Student members and representatives in each and every committee.

Every year Women's day celebrations, and activities like awareness on Polycystic ovarian syndrome, Breast Cancer awareness month, Elocution, Essay writing, Painting Competition on Empowering women to eliminated poverty, Women pharmacist challenges and opportunities, Save Women students, Self-defence techniques for women, Role of women in prevention of drug abuse, Role of Women pharmacist in Swatch Bharath were conducted especially for female students. Leading female role models of society in all the sectors were invited to present their journey in order to motivate and provide immense knowledge and experience to students.

The institute also established women's cell to help maintain a harmonious atmosphere at the Institute, to enable women to pursue their work with dignity and reassurance. The Cell has been working to raise awareness on gender equality issues.

##### Functions

- Women's cell is to empower women and to ascertain multidisciplinary approach for the overall personality development.
- It provides and maintains a dignified congenial working environment for women employees and students where they can grow study and explore their potential to the fullest.
- Women's cell organizes various training programmes and creates awareness about self-

employment schemes for the encouragement of self-reliance among women.

- It encourages involvement in cultural and outreach activities such as lectures, seminars, workshops and poster-making.
- Women's cell supports the talent and contribution of women.
- This provides unsurpassed opportunities to participate in advancement of entire fields of knowledge and to enhance entrepreneurship skills.

The womens cell of the institution prepares an Annual gender sensitization action plan for every academic year to design the activities that empower women towards social, economic and intellectual capabilities.

File Description	Document
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>
Annual gender sensitization action plan	<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>

#### 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:**



The institution encourages students, staff and other stakeholders to reuse the plastic items. Many of our students are encouraged for making best from waste items by using plastic bottles etc. NO PLASTIC sign boards are available at various places of the campus to encourage students and staff not to use plastic items. The waste generated in the campus includes wrappers, glass, metals, paper, plastics, etc., Old newspapers, used papers, workshop scrap etc., are given for recycling to external agency like ITC limited which is started in 2007 with an objective to educate people on recycling of waste to protect environment, conserve natural resources, incubate the habit of source segregation among the citizens, recover the dry recyclable waste which is going in to landfill and make it available for recycling and incentivize the municipal workers.

Also to encourage paper waste in the aspect of teaching and learning - Sliptests, Quizzes etc, are conducted using various apps and by sharing link to the students. Powerpoints are also shared to student's whatsapp groups by the faculty members to reduce the wastage in paper printing as well as expenses. Use of paper printed on one side is encouraged in print drafts before final document, meeting minutes, memos and notes in office practices as environmentally preferred alternative to waste management. Dustbins have been installed throughout campus for waste segregation. The chemical bottles which are made by plastic and used vehicle tyres were used for plantation that gives impressive landscape look garden of the institution.

The liquid wastes are mainly drained to improve the ground level of water.

Hazardous Chemicals are kept separately in the laboratory away from the reach of students. Lab In-charge and lab-assistant takes care of the chemicals and safety norms in the laboratory are strictly followed. The rain water and the water which is over floated from water tanks are diverted towards lawn/garden through pipe lines.

Waste generated by healthcare activities includes a broad range of materials, from used needles and syringes, blood, chemicals, pharmaceuticals, medical devices. All medical waste materials are segregated at the point of generation, appropriately treated and disposed of safely. The laboratory animal waste is disposed separately and safely by technical attendee to avoid zoonoses. Separate colored bins are arranged in laboratories where biomedical waste is generated. Awareness is created through foam boards in the institution regarding biohazards.

Electronic goods are put to optimum use; the minor repairs are set right by the laboratory assistants and the major repairs are handled by the support of technical assistants. The equipment which cannot be refurbished for re-use is dismantled and remanufactured into raw materials (i.e. metals, plastics, glass) to be marketed as recyclable. The waste compact discs and other disposable non-hazardous items are used by students for scrap art in extracurricular activities. During replacement of computers, the institute contribute the used ones to the required sister institutions with prior request.

<b>File Description</b>	<b>Document</b>
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View Document</a>
Geotagged photographs of the facilities	<a href="#">View Document</a>
Any other relevant information	<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:** B. 3 of the above

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

**7.1.6 Quality audits on environment and energy 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>
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. Disabled-friendly washrooms
3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for persons with disabilities ( 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:** B. 3 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>
Any other relevant information	<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 believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination. Though the institution has diverse socio-cultural background and different linguistic, we do not have any intolerance towards cultural, regional, linguistic, communal socio- economic and other diversities.

#### ***Inclusive Environment***

The institution has provided a vast environment for students to expose their inborn talents in the cultural events and to improve their mental and concentration levels by engaging them in sports activities on a regular basis. The students and staff of the institute in association with IPA-Lam branch, ISPOR – Amaravati Regional Chapter, ISPOR – ANU student chapter organizes various medical camps and health

assessment activities in rural areas and distributes medicines free of cost. The institute also provides skill development programmes to the students of all programmes which may directly benefits the students from rural areas. Professional training on basics of computer, instruments and software is provided by the institution to all the non-teaching staff for skill upgradation.

The institution also adopts nearby village (Thathireddypalem) and provides support in the form of plantation, health assessment and other socio-economic aspects. The students of the institution often do surveys in the village to obtain health data and make the place as a healthy community. The institute also organizes field trips and industrial visits to the students of all programmes. Students along with staff participate in National and International conferences and workshops.

### ***Tolerance and harmony towards cultural***

The institute also celebrates festivals and commemorative days to highlight and recall the importance of famous and eminent personalities. Sankranthi sambaralu, Teacher's Day, International women's day, International yoga day etc., are celebrated by the institute every year. The institute has a practice of organizing events for giving academic excellence awards, 100% attendance awards, best library utilization awards, seed money to encourage research and for patent filing, best research awards to students and staff.

The institute also organizes orientation programmes to the students during their commencement of semester/year, also celebrates farewell by the active participation of junior and senior students.

The students and staff of the institution has a practice of doing Heartfulness meditation regularly in association with Sri Ram Chandra Mission, Guntur and organizes many events by celebrating International Peace day and International Yoga day. The institution also possesses MoU with Heartfulness education trust, Vijayawada, for having regular activities on the theme of Heartfulness meditation.

### ***Communal Socioeconomic***

The students of the institute organizes Home Medication Review (HMR) and Health and Medical Awareness Programmes (HMAP) which directly support and benefits the community in providing health suggestions, calculating Body Mass Index (BMI), monitoring of diabetes and blood pressure.

The institute also organizes Pharmacy Science Exhibition annually by involving the students of all programmes of the institute where the students from other schools and colleges, their parents, staff and other stakeholders of the society participate to have knowledge and awareness on the aspects of all areas of pharmaceutical sciences.

<b>File Description</b>	<b>Document</b>
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View Document</a>
Any other relevant information	<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:**

Chalapathi Institute of Pharmaceutical Sciences sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties and responsibilities of citizens which enables them to conduct as a responsible citizen.

#### **Values**

As the mission of the institution is “Committed to impart quality pharmacy education and research to meet global standards”, we always endeavor to provide the education with values and quality. The curriculum of the institute is also enriched with a value added course called as Professional ethics and human values, implemented since AY 2016. Apart from this, the institution is also organizing many courses/sessions which enlighten the staff and student’s mind with values and morals.

Also the institute conducts bridge courses/orientation programmes and faculty development and refresher programmes during the commencement of each semester/year which includes the sessions on:

- Education with values
- Professional Ethics
- Time management
- Personality development
- Goal setting and career mentoring etc.,

#### **Rights**

The institute stands front in delivering the rights of the students and staff for their all over development in 360°. The students are provided with various platforms to pass on their issues (if any) on all aspects. The mentor-mentee system of the institution makes the students to interact freely with faculty to address the issues.

The internal complaint cell, SC/ST committee, Grievance and redressal, Anti ragging committee and student council of the institute works well in its mechanism, make the environment of the institution in a student friendly manner.

The institute also encourages students to participate in inter-institute events, youth festivals and other sports and cultural activities as they desired through proper channel. The employees of the institute also participate in various National and International events for their skill up gradation. The institute arranges several talks on traffic rules, anti ragging, women empowerment, gender equality and professionalism by inviting speakers from Government and Non-Government organizations. The institute also nominated student members as representatives in various administrative bodies and committees.

NSS unit of the institution also celebrates National constitution day by conducting several events to bring awareness on our Indian constitution.

***Duties and Responsibilities***

The institute frames a policy on “Code of Conduct” for students and advice them to get aware of it and follow the same in all means. All the activities of the institution are carried out by the respective bodies in an efficient manner by empowering the duties in advance.

The institution framed and established various committees to organize and monitor the functions which are meant for the overall development of the institution. The staff members and students act as heads and representative for the respective committees.

The institution also organizes several outreach programmes and extension activities that make the students and employees to have a chance to help for the needy. The institute organizes awareness programmes on organ donation, eco friendly vinayakachavithi, emergency-basic life support and first person management, eye donation and Go-green diwali.

<b>File Description</b>	<b>Document</b>
• Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">View Document</a>
Any other relevant information	<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

<b>File Description</b>	<b>Document</b>
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:**

Every year, Chalapathi Institute of Pharmaceutical Sciences organizes national festivals, health days and birth anniversaries of great Indian personalities. The institution practices pluralist approach towards all religion functions and encourages the students and faculty to showcase the same.

The cells and Committees of the institution like NSS, Alumni Association, Women's Cell, Sports and Cultural Committee, IPA-Lam Branch, ISPOR ANU student chapter and ISPOR Amaravathi Regional chapter etc., organizes various events to create awareness on health days and other commemorative days. The institute possess MoU with Government general hospital, Guntur and the students of Pharm.D programme involves in creating events on health awareness, organizing medical camps, free distribution of medicines etc., The institution also associates with many government organizations to conduct events which are beneficial to the society.

Every year, the institute celebrates "Sankranthi" festival in the campus. The cultural committee of the institution organizes various events like tug of war, scrap art, musical chairs, lemon and spoon etc.,

The institute also celebrates teacher's Day on 5th September of every year and facilitates the teachers who contributed a lot to their profession and society. The institution also celebrates World Pharmacist's Day to understand the role and importance of Pharmacist in the current society.

The institute also gives prior importance to the heartfulness meditation and Yoga since 2014. The institution also have MoU with Heartfulness education trust, Vijayawada. The students of staff undergoes frequent meditation sessions and the time table of all programmes of the institution is incorporated with 5 minutes meditation daily. The institution celebrates International Yoga Day, International Peace Day and conducts various events like essay writing, practicing Meditation, elocution and Quiz.

The following are the list of events celebrated/commemorated/observed by the institution:

- **12th January National Youth Day**
- **26th January Republic Day**
- **January – Sankranthi Sambaraalu**
- **28th February National Science Day**
- **1-7 March Jan Aushadi Week**
- **08th March International Women's Day**
- **22nd March World Water Day**
- **21st June International Yoga Day**
- **26th June International Day of Drug Abuse and illicit Trafficking**
- **15th July World Youth Skills Day**
- **28th July World Hepatitis Day**
- **29th July World ORS Day**
- **13th August World Organ Donation day**
- **15th August Independence Day**
- **5th September (Dr.Sarvpalli RadhaKrishnan Birth Anniversary)**
- **24th September NSS Day**
- **25th September World Pharmacist's Day**
- **October Breast Cancer awareness Month**

- 15th October Dr.A.P.J. Abdul Kalam Birthday – World Student’s Day
- 17th -23rd October National Pharmacy Week Celebrations
- 29th October World Stroke Day
- 31st October Ektha Divas (Birth Anniversary of Sardar Patel)
- 12th November World Pneumonia Day
- 14th November World Diabetes Day
- November - National Mouth Cancer awareness Month
- 26th November Indian Constitution Day
- 1st December World AIDS Day
- 9th December World patient Safety day
- Happy Sunday

File Description	Document
Geotagged photographs of some of the events	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>
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 -1***

1. Title of the practice – **Best library Utilization awards**

2. Objectives of the practice

- To encourage to the students and staff to utilize the complete facilities of the library.
- To create interest and motivate the students to use library resources.
- To introduce the students with new books and awareness on recent updates in journals and magazines.

3. The Context

- Most of the students are now habituated to short cut knowledge that was already available in internet resources, but they are not able to have a clear knowledge on basics and structural mechanism of the concepts.
- So, to incorporate the significance of textbooks, the institution planned to drive the students and faculty towards the utilization of the library resources.

## 4. The Practice

- The students in their leisure time can spend in library.
- The students have separate library hours in their academic schedule.
- The library hours are from 8:30AM to 8:00PM in all working days for the accommodation of students of all programmes in different timings.
- As the seating capacity was enhanced to 200, the best practice can be achieved in a right manner also.

## 5. Evidence of Success

S.No	Year	Total Number of Staff and Students visited library
1	2019	36,646
2	2018	40,543
3	2017	33,197
4	2016	32,466
5	2015	29,751

## 6. Problems Encountered

Identifying the students and faculty for this award based on the evaluation parameters is some hard task. The parameters like books they referred, books issued and their visiting hours to library were considered.

## 7. Notes (Optional)

S.No	Academic Year	Faculty Details	Student Details	Achievements
1.	2015-2016	Mrs.K.Lakshmi Asso.Professor Dept of Pharmaceutical Analysis	Ms.P.Anusha I/II M.Pharmacy (Pharmaceutics)	Best Award



			Ms.K.Jyothirmai IV/IV B.Pharmacy  Ms.M.LeelaPrasanna III/VI Pharm.D	
2.	2016-2017	Dr.N.L.Prasanthi  Asso Prof  Dept of Pharmaceutics	Mr.A.Anji Reddy IV/IV B.Pharmacy  Sk.AbdulRehman III/IV Pharm.D	Best Award
3.	2017-2018	Dr.N.L.Prasanthi	Faculty	Best Awards
4.	2017-2018	Dr.J.Venkatewara Rao	Faculty	Best Award
5.	2018-2019	D.Suma Padmavathi  Y16BPH0529	III/IV B.Pharmacy	Best Award
6.	2018-2019	B.Naga Surya Pavan  Y18PHD0103	I/VI Pharm.D	Best Award

**Best Practice -2**

1. Title of the practice – **Financial aid to the deserving students**

2. Objectives of the practice

- To extend financial aid to the poor students, especially from the rural, to save them from discontinuation of their studies owing to poverty.
- To support financially all the deserving poor students without any discrimination of caste, creed or gender and to promote equality among students.

The expected outcome is that the students should be able to complete their degrees with good marks. The beneficiaries should treat the needy with the principle of lend a helping hand without discrimination.

### 3. The Context

- Most of the students have hidden talents and innovative mind but not able to execute due to lack of resources and financial support.
- On the same context, the institute stood in front to support the students by providing them with financial aid.

### 4. The Practice

- The institution is established in rural area to provide quality pharmacy education to the students residing in rural areas and who want to pursue their graduation and post graduation studies in pharmaceutical sciences.
- Most of the parents are not ready to admit their children in higher studies due to lack sustenance in providing financial support. So it is evident that without financial support from external source, the youth residing in rural areas cannot hope to successfully complete their higher studies.
- On this regard, the institution verifies the information of the student's financial backwardness and decides the sum to be provided as financial aid.

### 5. Evidence of Success

Chalapathi Institute of Pharmaceutical Sciences is succeeded in the context of providing financial assistance as the students from rural areas are pursuing their education in the institute in an increasing manner.

The following are the details of Fee concession provided by the institute:

S.No	Year	Number of Students benefited	Amount of Fee Concession
			(In Rs.)
1	2018-19	43	10,48,550/-
2	2017-18	39	11,54,100/-
3	2016-17	33	9,78,110/-
4	2015-16	19	4,38,500/-

### 6. Problems Encountered and Resources Required

- As the institution is Self-financed and private, the resources are to be acquired from the student's tuition fee.
- Verifying of the student's financial backwardness based on many aspects is other task to provide financial aid. The institute provides an application to the student who desires to apply for the financial aid. As the application possess the details of parent's occupation, source of income to the family, annual income etc., the same parameters are taken into consideration for providing financial aid.

File Description	Document
Best practices in the Institutional web site	<a href="#">View Document</a>
Any other relevant information	<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:

Chalapathi Institute of Pharmaceutical Sciences has its own mission statement and accordingly, the institute is always trying to function uniquely, innovatively and distinctively from other institutions.

The institution is established in 2004 to impart quality pharmacy education to meet global standards. In accordance with the mission, the institute has made long strides to excel in teaching and research. The institute provides ambience of creativity, innovation, discipline and good learning experiences and constantly updates its infrastructure facilities as per the need and requirement.

The faculty of the institute follows pedagogical initiatives that enhance inquiry based learning, project based learning and collaborative learning of the students. The institute enhances the curriculum with supportive theory and practical that covers the concept in all dimensions. Quality Enhancement of teaching (QET) works well by teaching with an expert who is excelling in the respective topic. The institute also organizes faculty refresher programmes to enrich the staff with new initiatives in teaching and learning, also encourages the staff to participate in workshops and conferences on quality teaching methodologies held at National level.

A part from this the institution is dedicative in practicing the teaching initiatives in both online and offline as follows:

##### *Working Models*

Every teacher has to possess zeal towards his/her way of teaching with different innovative ideas and concepts to create interest in the minds of students. A teacher with this kind of zeal will definitely get different ways to teach the topic.

On this aspect, the working models will be more helpful to the teachers to teach in a lively way. These models enhance student's visual imaginary power to save the subject in his permanent memory. Application of concepts can be very easy by using the working models. The institution encourages students and staff to prepare working models and preserve them for multiple uses. The same models are utilized in pharmacy science exhibition held in the institute annually for the students, parents and other stake holders of our institute as well as students from other schools and colleges to gain knowledge on scientific areas and aware on all aspects of pharmaceutical sciences.

##### *Crossword Puzzles*

To create interest in student toward a subject crossword puzzle plays an important role as the student takes it as a challenge to find out the answers. By this students expose to various terminologies once again and recall the overall subject. The institution initiated cross word puzzles from the academic year 2016-17.

#### *Word search*

As the institution is very well aware of the application of blooms taxonomy, “Remember” is the term that stands at first. To justify the same, this word search is so helpful for the students to recall and remember the terms of various concepts by simply searching and connecting through word search.

During pandemic COVID-19, conducting the crossword puzzles and word search has never been interrupted as the faculty of the institute done the same through online.

#### *Anagrams*

This anagram is useful for the students who find difficulty in spell the terminologies in many courses of pharmaceutical sciences. This anagram makes the student to practice and spell the terminologies correctly. The faculty of the institution organizes anagrams through online and posts the link in student’s whatsapp groups. The faculty of the respective subject also presents a certificate to students who achieved target points in anagrams with correct spell.

#### *Quizzes*

Conducting quiz is a powerful task for recalling memory and also improves the student’s interest towards team discussion and decision. The quizzes can be held offline in the classroom and also through online using “Quizizz” platform. IQAC of the institute also provide virtual training for the entire faculty on preparing quizzes by using Quizizz. The faculty of the institute conducts quiz and also distributes prizes to the students who stood in first three positions.

#### *Group Activities*

The institute organizes group activities that enhance collaborative thinking, team building and problem based learning. Students in groups of each class are assigned with specific topics for discussion to highlight the importance, merits and demerits. This makes the students to think of about the overall information available and can able to open up their communication for effective conveying.

#### *Schematic representations*

The schematic representation mainly helps the students to remember the whole mechanism/procedure in an order. This enables the students to remember the complicated mechanisms in an easy and effective manner.

#### *Videos and PowerPoint Presentations*

As the technology now a days is in our hands, it is very easy to convey any matter in a simplified manner with in a less time by using the present technology. Power point presentations and download animated videos are very useful for the present generation students as they were very much interested towards this. Pictorial representation makes a lot not only for their easy understanding and learning but also to recollect the concept.

The institute encourages the faculty members to use ICT tools while conveying the concepts effectively. 20% of the theory classes are delivered using PowerPoint presentations and YouTube videos. Due to COVID-19 pandemic, the institution effectively managed teaching by using ICT tools. The teaching is implemented in online platform (ZOOM/Google meet/Jitsi) and the schedules, materials and all power points were shared and communicated to students in whatsapp groups.

The students and faculty of the institution are skilful in using ICT utilization and organizes competitions and other events online. The students of Pharm.D programme also create awareness videos on diseases and precautionary measures.

#### *Virtual Laboratories*

Simulated animal experiments in pharmacology course were used as an alternative to the direct dissections performed on small laboratory animals. Learning experiments with Vlife Med software and also makes the students to train in the aspect of computer aided drug designing (CADD).

#### *Flipped Classes*

Students are instructed to refer the topic earlier and they come up with depth knowledge, share it with other students in the class. Students can refer the online videos or the power point presentations uploaded in college website.

File Description	Document
Any other relevant information	<a href="#">View Document</a>
Appropriate web in the Institutional website	<a href="#">View Document</a>

## 5. CONCLUSION

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### **Additional Information :**

**Teaching-Learning:** Students are trained on 46 skill development courses during last 05 years.

### **Student Support Systems:**

#### **Meritorious Scholarships- Memorial Awards**

The institute has a practice of giving meritorious scholarships of Rs 5000/- to the students secure highest marks in academics, also memorial awards for excellence in research sponsored by distinguished external members.

#### **Minor Research Projects**

The students were encouraged to perform minor research projects during their course of study to develop problem solving and practical skills.

#### **Self-Learning**

Self-learning makes each student to tackle problems based on their own capabilities. In that sense, the institute adopts many measures to build self-confidence, responsibility and self-discipline among the students.

Power point presentations, question bank and videos were uploaded in the institute website which plays a positive role for student to learn the concept in advance and can refer as and when needed.

The institution organizes industrial visits to the students of all programmes to enhance industrial orientation among them. The students were also provided with sessions on career guidance and training on campus recruitment.

Industry Institute Placement and Entrepreneurship Cell (IIPEC) of the institute organizes in-campus placements and also provides campus placement information at other organizations.

Competitive examination coaching cell of the institution provides information and guidance regarding selection criteria, processes and details about examinations like GPAT, GRE, PGECET etc., for admission into post graduate programmes in India and abroad. Information derived from standard sources and requisites preparation-material in the form of booklets, is made available for students at the college library. Periodical opportunities that occur in study and careers are also displayed in the departmental notice-boards.

The institute also encourages students to improve their creativity in art, fun etc., by publishing PRAXIS - a student magazine annually. This creates opportunity for students to excel their innovative thinking and intelligence.

#### **Faculty Support**

#### **Financial Assistance**

The institution provides financial assistance to the faculty to attend for conferences, Industrial training, workshops at National/International level.

The faculty and students were also provided with seed money for their research work, publication and for patent filing.

The institution also supports faculty financially by providing personal loans.

## **Concluding Remarks :**

Chalapathi Institute of Pharmaceutical Sciences has scaled a rapid growth in terms of quality and quantity since its inception in 2004 with support of vision of the management and governance. The state-of-the-art infrastructure, amenities and other support services provided in the campus has nurtured the student growth as well as the learning process. The institution with its defined vision leading to the objectives has played an important role in the holistic growth of students. The research initiatives, industry-academia interface, extension and outreach programmes by the institution have promoted research culture and establishment of good rapport with the community and industries. In pursuit of excellence, the Institute looks forward to achieve more heights in the times ahead.

20 ICT enabled classrooms, 1 Seminar Hall, 22 laboratories and 2 university recognized research centers, 31 MoUs are making learners proficient who are capable of contributing to the needs of the industry. Student Council, professional and non-professional committees, sports and cultural facilities, NSS/IPA/ISPOR and alumni activities in the campus are helping for all round development of the student. Experimental and experiential based learning practices are in place. Organizing Technical quizzes, Expert lectures, Industrial visits, Workshops, book exhibitions, authoring book chapters, orientation programmes, bridge courses, skill development and certificate programmes, soft skills & Placement training are helping students to transform themselves into global leaders.

With dedicated efforts of over two decades, CLPT, has emerged into a centre of excellence in Pharmacy education. Building purposive partnerships with the industry, bolstering its wherewithal continually and evolving innovative programmes consistent with changing times, the institute strives to maintain its pre-eminent position.

NAAC accreditation process would provide us an immense scope for continuation of this noble service. The feedback, we receive would certainly help us refine our best practices and achieve distinction. This accreditation will serve as a great morale booster to our institution as a centre for higher education and for accelerating institute's growth in providing quality pharmacy Education.

The institute is very thankful to the society and NAAC for giving us the opportunity to improve ourselves and develop academic and administrative facilities of the institution.