

SEVEN HILLS COLLEGE OF PHARMACY

(Approved by PCI & AICTE, New Delhi and Affiliated to JNTUA, Ananthapuramu)

VENKATRAMAPURAM, TIRUPATHI, CHITTOOR (DIST), A P - 517 561



SELF STUDY REPORT



Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE – 560072

2017



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PREFACE

Global Vision Educational and Welfare Society, a non-profit organization registered under Societies Registration Act (Reg. No. 296/2005) was set up under the Chairmanship of an educationalist Shri M. Venkatrama Raju and Dr. M. Niranjan Babu, with a noble idea of bringing the Pharmacy Education closure to the rural student community. Seven Hills College of Pharmacy (SHCP) was started in 2007 as an institution exclusively for imparting Pharmacy Education. Presently the College is offering B. Pharmacy, M. Pharmacy, PharmD and PharmD (PB) Courses. SHCP is a one-stop solution for all the higher education & research requirements of Pharmacy students.

The philosophy of SHCP is to shape the students into proud citizens, laying emphasis on sharpening innate skills and talents. The rich experience of Dr. M Niranjan Babu in education has helped the college to evolve a unique student-centric teaching approach, which transforms the students into competent future professionals and to lead a successful pharmacy professional in his / her career.

The College housed in sprawling campus of around 3 acres of land with all the facilities and state of the art infrastructure with an approved intake of 100 B. Pharmacy, 78 M. Pharmacy, 30 Pharm -D and 10 Pharm D - (PB). The unitary campus houses all the facilities from class rooms, laboratories, hostel, canteen, library, auditorium, indoor and outdoor sports complex.

The modern college features state -of -the art teaching and learning facilities with highly experienced and dedicated Faculty and efficient supporting staff



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to enable the students to learn and expand their knowledge in Pharmaceutical Sciences.

The Institute has fortunate to have young and dynamic faculty, staff, proactive students and parents lead to the development and implementation of the core values of the institute. We feel that we have done little and there are miles to travel and much to be accomplished. In all our endeavours, I had the guidance and timely advice from the Management and faculty and from my professional colleagues.

I take this opportunity to thank the NAAC authorities for the opportunity given to us for preparation and submission of SSR for Assessment and Accreditation.

Principal



EXECUTIVE SUMMARY

Seven Hills College of Pharmacy (SHCP) was established in 2007 by Global Vision Educational & Welfare Society by Shri M. Venkatrama Raju and Dr. M. Niranjan Babu. This college is established with a mission to serve the people in the district of Chittoor with advanced and state of the art facilities with special focus on rural students living in this area. While the College admission policy reflects provisions for underprivileged sections and access to all, the College performance reveals its commitment to quality educational service. In order to achieve the objective of equipping the students with value based and globally comparable skills, the curricular, co-curricular and extra-curricular activities are focused on producing competent, confident and mature pharmacy professionals. There is a shift from focusing on mere teaching to an emphasis on active learning through technology mediated methods.

In order to make the Institution responsive to the aims and objectives, all the departments of the college and the office are governed on the principles of participation and transparency, making the academic and administrative planning goes hand in hand. The Principal heads the administrative set up, ably assisted by Vice Principal, the staff Council, HODs, and various other administrative and management Committees. The College works as a single unit with mutual cooperation of all its constituents and stake holders. The Alumni association which is just registered is yet to come out in a big way in associating with the institutional activities.



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The Institution is responsible in creating a friendly and amicable ambience in which men and women students from different places, communities and backgrounds practice religious tolerance as well as mutual cooperation to achieve common goals. The College is committed to inculcating positive virtues of discipline, moral commitment and accountability.

The primary purpose of the Institution to undergo the process of NAAC assessment and accreditation is the desire to evaluate its performance and to identify its strengths and opportunities to move confidently into the challenging future.

All the HODs, Faculty and Administrative staff of the College are involved in the NAAC Self Study Report preparations. All the HODs have collected accurate data from the respective departments regarding curricular, research, co- curricular and extra-curricular activities including extension services. Departmental meetings were held to ensure total involvement of all the staff members.

A Steering Committee was constituted to assist the Principal in compiling and preparation of NAAC Self Study Report with the following Members.

Sl No	Name	Designation	Position
1	Dr. M Nirajan Babu	Principal	Chairman
2	Dr. Subhasis Debnath	Vice Principal	Coordinator
3	Dr. Badrud Duza Mohammad	Associate Professor	Member
4	Dr. Lavanya Yaidikar	Associate Professor	Member
5	Dr. DL Priyanka	Associate Professor	Member



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6	Mr. Pranabesh Sikdar	Assistant Professor	Member
7	Mr. M. Shankar	Assistant Professor	Member
8	Mr. Koushik Sen Gupta	Assistant Professor	Member

The Steering Committee interacted with all the Heads of the teaching departments, supporting departments, Student representative and administrative staff and obtained necessary inputs. After several meetings and introspective sessions, the present SSR and the supporting information was considered adequate to be presented to NAAC for assessment and accreditation. The members of various committees of the college were also consulted and obtained required information. The Self Study Report has given scope for serious introspection by the institution to analyze present performance and plan for the future. The report submitted to the NAAC presents the institutional academic and non-academic activities, achievements, strengths, limitations and proposed area of improvement relating to the all-round development of the college as an Institute of excellence.

Criteria I: Curricular Aspects:

As an Affiliating College, the institute strictly follows guidelines laid down by the affiliating University, AICTE and the Pharmacy Council of India in all its spheres including curriculum design and delivery. However, the institute also addresses employability, innovation, research, community needs etc. The institute follows global trends by using latest teaching – learning materials, equipment and techniques. Institute also provides additional skill-oriented



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programs relevant to regional needs and takes initiatives in behavioral & social modifications, medical ethics, environmental concerns, orientation towards research etc. The institute has Institutional Animal Ethics Committee to monitor all the research activities of both PG students and Faculty. The institute regularly conducts/organizes various seminars / conferences /workshops which help the faculty in knowledge enhancement and up-gradation. Beside this, institute also takes the initiative towards the overall personality development, addressing physical, mental, emotional and spiritual wellbeing of the student by celebrating various National Health Programs e.g. No Tobacco Day, Oral Cancer Day, World AIDS Day and also by organizing yoga and annual cultural and sports events.

Criteria II: Teaching-Learning and Evaluation:

The admission process is made transparent and admissions are made as per the rules of the affiliating University and the State government from time to time. The institution organizes orientation/induction program for the newly admitted students by introducing institute, faculty and discusses about curriculum, exam evaluation, academic calendar, Anti-ragging policy, women's rights, professional ethics, national integration etc. The institution identifies differential requirements of the student population and responds to the various requirements including learning needs of slow learners by conducting remedial classes. Learning in this institute is made student-centric. The teaching-learning and evaluation schedules are planned according to the guidelines laid down by its affiliated University and the PCI. It has a structured mechanism for its teaching learning process, and provides course objectives, outlines and schedules at the commencement of the each



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academic session. Various steps are taken by the institute to transition from conventional/traditional classroom into an e-learning environment. This is achieved by regularly organizing webinars and encouraging them to utilize e-learning resources by providing Wi-Fi facility, ICT enabled e-classroom. The evaluation system is based strictly as per the Statutory Bodies' Guidelines. External Examiners are selected mostly from outside the State as well as from reputed Pharmacy Colleges. The whole examination process is fully transparent and secure and the University declares results within one month of the conclusion of the examination. The institution regularly plans and facilitates its faculty to meet the changing requirements of the curriculum by providing academic leave and remuneration for attending various conferences/FDP /convention/workshops etc. Faculty are encouraged to prepare computer aided teaching-learning materials and utilize reflective learning, simulations, evidence based pharmacy, problem based learning etc. like innovations in their teaching learning processes, as well as in laboratory setting.

Criteria III: Research, Consultancy and Extension:

The Institute believes that Teaching & Research is an integral part and has a symbiotic relationship. It has a proactive system to promote research activities by inculcating research culture and scientific temperament in its faculty and post graduate students. An Institutional Research Committee is in place for accepting proposals of research and monitors, co-ordinates and facilitates research activities. Institutional Animal Ethics Committee oversees and grants clearance to the research projects. The institute also regularly organizes various lectures pertaining to recent advancements in Pharmacy,



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research methodology, ethics etc. by various eminent/guest faculties. Faculty/students are also encouraged to attend National/International conference and workshops, and are also provided with travel grant. Faculty and students are provided free access to institutional online data base through which faculty and students can freely assess many National and International journals. Institute also promotes multidisciplinary /interdisciplinary research within the institution. Many faculty of the institute are appointed as external examiner/paper setter for various Universities of repute, guest speakers, judge, serving as an editorial boards/reviewer board of National and International journals etc. Faculty and students are encouraged to participate in carrying out various social outreach programs, and empower the underprivileged and the most vulnerable sections of society. Institute provides Consultancy to its stakeholders and is also publish research papers regularly from time to time. The institute promotes college-neighborhood network by taking initiative directly and/or through Rotary club, JCI, Resident Welfare Associations, responding to the local health needs and demands of the community balancing the network by giving due weight age to each of the activity by providing the resources in the form of expert manpower, infrastructure support, medicine etc. These collaborations have contributed positively to undertake various research projects in diverse areas of the pharmacy, and had also improved and enhanced academic and research experience of faculty and students. The Institution regularly publishes its scientific Journal named “Journal of International Pharmaceutical Sciences” (JIPS). The faculty and PG students are encouraged to publish their original research work in JIPS as well as in peer reviewed indexed journals.



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Criteria IV: Infrastructure and Learning Resources:

Seven Hills College of Pharmacy sprawls across more than 4665 sq. mts. of buildup area nestled in around 3 acres of land. The buildings are both aesthetic and modern. Being situated in a rural village, it is well connected to Tirupathi city and nearby villages. The institute has sufficient infrastructure facilities to cater to the needs of its stakeholders and has taken extensive measures to ensure campus safety and security round-the-clock. The Institute has excellent laboratories and museum facilities in all teaching departments, well designed lecture halls with audio visual facilities. The campus also houses facilities like Generator Room, Auditorium, Gym and Play Grounds for, Volley Ball, Badminton etc., Hostels, Canteen, etc. All the departments are equipped with inter net, fully furnished laboratories with required machinery & materials/chemicals, state of art library with e-resource materials, Examination Halls etc. All the departments of the institute are fully equipped (infrastructure wise, equipment, instruments, materials etc.). The institute has fully equipped, functional Central Library with a seating capacity of more than 100. It is also equipped with e-learning resource material and ICT facility. The institute have also subscribed for DELNET and Pharma Intelligence for host research data base. Continuous monitoring and up-dating of library is done by Institutional Library Committee. The institution has a comprehensive IT mechanism. A total number of more than 40 computer systems with configurations ranging from Celeron 1.70 GHZ to Pentium 4 CPU 2.5 GHZ are installed, with an internet facility of 10 mbps. The institute also stress on electricity conservation and green computing. The maintenance of the infrastructural facilities is carried out through well-



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established maintenance systems and procedures. The institution is continuously trying to upgrade the infra-structure to meet the emerging trends in Pharmacy.

Criteria V: Student Support and Progression:

The Institute has a well-established and functional system for student support and mentoring (personal, academic and career counseling) i.e. Mentor-Mentee Program. Institutional Grievance Cell, Anti-Ragging Committee, Student Welfare Committee, Extra-Curricular Activities Committee, Hostel and Mess Committee, which are constantly monitored, and timely redressal of student grievances is available. The institute organizes personal enhancement and development programs such as career counseling, soft skills development, career-path identification, and orientation to well-being for its students. Orientation programs organized for fresher's includes soft skill development, communication skills, English language, spiritual, stress management, research methodology etc. The institute also provides support to physically challenged/differently-abled students, SC/ST, OBC and economically weaker sections students, participating in various competitions/conferences, health issues, skill development etc. The institute publishes it quarterly journal "Journal of International Pharmaceutical Sciences" (LIPS) where in students are encouraged to contribute. Information/guidance regarding various examinations is made available to the students at Placement and Counseling Cell, and is also displayed at Information and Deployment Board. Institute also provides additional academic support, balanced diet, incentives, sports uniform, materials for the students participating in various extra-curricular



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activities. Institution also ensures participation of female students in various intra-and inter-institutional extra-curricular activities. The institute has a registered Alumni Association, regular meets are conducted and feedback is obtained from its members.

Criteria VI: Governance, Leadership and Management:

The institute has a well-defined vision and mission that also addresses the needs of all its stakeholders. It has got a strong internal organizational structure, and an effective decision making process. Information regarding the institute, faculty and their areas of specialization, is available on the college website www.shcptirupati.com which is updated regularly. Steps has been taken by the institute to develop e-governance strategies, ensuring the organization's management system development, implementation and continuous improvement, reinforcing a culture of excellence, identifying organizational needs and striving to fulfill them. Institute also promotes a culture of participative management and also grooms leadership at various levels. The institution is always keen in promoting the excellence both in academic as well as in clinical field. It also inculcates sound value system, fostering global competencies, national development etc. among its students. Audits are regularly conducted to monitor and to ensure satisfaction of various institutional committees which are regularly reviewed in various meetings. A systematic and robust mechanism is in place to document, compile, analyze and redress the feedback mechanism whilst maintaining the necessary confidentiality. Significant efforts have been made by the institute to enhance the professional development of teaching and non-teaching staff. Faculty members are motivated and are given various incentives to attend



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conferences, workshops, FDPs. Various welfare schemes are made available for teaching and non-teaching staff i.e. transport facility, Provident Fund, maternity leave, financial support (reimbursement facility) etc. Regular academic and administrative audits are conducted by the Academic Council to ensure quality assurance. These audits are conducted at departmental as well as institutional level. The institution ensures that grievances/complaints are promptly attended to and resolved effectively for better stakeholder-relationship.

Criteria VII: Innovations and Best Practices:

The institute has taken various initiatives to keep campus green and eco-friendly. These include energy conservation, water harvesting, bio-hazard or waste management, plantation of trees, laying of lawns as well as e-waste management etc. The institution also ensures that robust infection control and ensured effectively implemented and monitored.

The institute has also made innovations in examination pattern, teaching learning & evaluation process, learning resources, governance, leadership and management. The student actively participates in formulating the strategies as they are included in the college council and due weight age is given to their suggestions. Proficient well qualified faculty dedicated to the cause of teaching learning and research. Green campus with congenial atmosphere /peaceful environment. Well laid out departments, fully equipped class rooms, state of the art equipped laboratories for effective teaching and learning.



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STRENGTHS, WEAKNESSES, OPPORTUNITIES AND CHALLENGES

Strengths:

- Highly qualified and experienced faculty. All the HODs are Ph.D. holders and many Faculty members are pursuing Ph. D. and are expected to complete shortly.
- Well-developed infrastructure facilities and Laboratories with ultra-modern state of the art equipment for high quality research.
- Approval under section 2 (f) and 12 (B) of UGC Act 1956 by UGC New Delhi, MoUs with Hospital and Industry for Research.
- Enriched Library with Reference books, Textbooks, National and International Journals, e-journals and Periodicals.
- In house publication - Journal of International Pharmaceutical Sciences (JIPS).
- Effective placement and training cell to coordinate with national reputed pharma companies.
- A distinct advantage of having highly qualified and experienced Principal who is also a promoter member of the Global Vision Educational & Welfare Society also a visionary, a guiding and motivating force behind the establishment and successfully running Seven Hills College of Pharmacy.

Weaknesses

- Teaching faculty to increase evidence of academic activities and should undertake research, consultancy and publications. They need to attend more number of Faculty development programs to update their knowledge in the subject.



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- The Management needs to encourage the Faculty and post graduate students to undertake research activities and presenting papers in seminars and conferences.
- The Faculty needs to shift from basic research to advanced research for obtaining patents.
- No major Pharma / biotech units in the region.

Opportunities

- Scope for inter institutional and industry interaction like sharing of experience will result in enhanced opportunities in evolving mutually enriching practices in teaching and research.
- To build linkages and partnerships for Twinning Programs and joint degrees within and side the country and to introduce add on courses for value addition and employability.
- To establish and develop exclusive Research and Development wing and to provide R & D services to the upcoming industries in the newly formed state.
- Introduction of more number of skill development and employability certificate and diploma programs to the rural unemployed youths.

Challenges

- Retention and long-term commitment of faculty and to guard form attrition.
- Establishing alliance with National / International institutions for academic and R & D activities as this institution is in a remote and rural area.
- Extensive use of ICT in both teaching and Research.



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1. Profile of the Institution

(To provide information whichever is relevant to the HSI)

1. Name and Address of the Institution:

Name:	SEVEN HILLS COLLEGE OF PHARMACY	
Address:	VENKATRAMAPURAM (Village), RAMACHANDRAPURAM MANDAL, CHITTOOR Dist.	
City: TIRUPATI	Pin: 517 561	State: ANDHRA PRADESH
Website: www.shcptirupati.com		

2. For communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal / Dean / Director	Dr. M. Niranjan Babu	O: 7730084511	9440729490	08577281560	shcp7@yahoo.com
Vice Principal	Dr. Subhashis Debnath	O: 7730084513	9866408057	08577281560	subhashis.ooty@gmail.com
Steering Committee / IQAC Co-ordinator	Dr. Subhashis Debnath	O: 7730084513	9866408057	08577281560	subhashis.ooty@gmail.com

3. Status of the Institution:

Autonomous College

Constituent College

Affiliated College

State University

State Private University

Central University

University under Section 3 of UGC (A Deemed to be University)

✓



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Institution of National Importance
Any other (specify)

4. Type of University:

Unitary

NA
NA

Affiliating

5. Type of College:

Ayurveda

Dentistry

Homoeopathy

Medicine

Nursing

Pharmacy

Physiotherapy

Siddha

Unani

Yoga and Naturopathy

Others (specify and provide details)

✓

6. Source of funding:

Central Government

State Government

Grant-in-aid

Self-financing

Trust

✓

Corporate

--

Any other (specify)

--

7. a. Date of establishment of the institution: 27/08/2007 (dd/mm/yyyy)

b. In the case of university, prior to the establishment of the university, was it a/an

i. Autonomous College Yes No

ii. Constituent College Yes No

iii. Affiliated College Yes No



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- iv. PG Centre Yes No
- v. De novo institution Yes No
- vi. Any other (specify) Not Applicable

c. In the case of college, university to which it is affiliated

Jawaharlal Nehru Technological University, Ananthapuramu (JNTUA)

8. State the vision and the mission of the institution.

VISION

The vision of Seven Hills College of Pharmacy is to reach the peak of glory in Pharmacy education and research by elevating the institute to global heights as a centre of excellence under one roof through systematic and relentless approach to knowledge based teaching and learning and value based practice of pharmacy profession.

MISSION

The Mission of the Seven Hills College of Pharmacy is:

- to prepare highly skilled , ethical, knowledgeable and compassionate pharmacy graduates and pharmaceutical scholars of tomorrow.
- to focus on educating pharmacy professionals on improved health care by providing optimal health care, patient safety, cost effective drug therapy and disease prevention and management.
- to instill and infuse both the staff and students towards research, new drug discovery, dispensing practice and all other verticals of the Pharmacy.
- to make the Institution into a centre of excellence in Pharmacy education and research through appropriate technology mediated education, produce world class pharmacy scientists to strengthen health care and wellbeing of the nation.



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9. a. Details of UGC recognition / subsequent recognition (if applicable):

Under Section	Date, Month and Year (dd/mm/yyyy)	Remarks (If any)
i. 2(f)*	F.No.8-255/2015(CPP-I/C Dt.20.10.2015)	
ii. 12B*	F.No.8-255/2015(CPP-I/C Dt.19.05.2016)	

* Enclose the certificate of recognition, if applicable

b. Details of recognition/approval by statutory/regulatory bodies other than UGC (MCI, DCI, PCI, INC, RCI, AYUSH, AICTE, etc.)

Under Section/ clause	Day, Month and Year (dd/mm/yyyy)	Validity	Program/ institution	Remarks
No. AP-055/NDE-GP/2005	20.07.2007		B. Pharma	LOI to start B.Pharma
G.O.M.S No. 106	28.07.2007		B. Pharma	State Permission
No.A2/ Affili/New/Seven Hills CP/2007-08	15.10.2007		B. Pharma	University Affiliation
No.17-1/2013-PCI	July 2013		B Pharma	60 to 100
No.A2/ Affi/SHCP-CP/2012-13	10/09/2012		M Pharma	Affiliation
No. South Central/1-437703572/2011/EOA	01.09.2011		M Pharma	Permission
No. South Central/1-756339633/2012/EOA	10.05.2012		M Pharma	Permission
No. South Central/1-2013843184/2014/EOA	04.06.2014		M Pharma	Permission
GORT No.844 Govt. of AP	30/10/2012	2012-13	Pharm -D Pharm -D(PB)	Permission
GORT No. 175 Govt. of AP	19.07.2016	2016-17	Pharm -D Pharm -D(PB)	Permission
GORT No. 120 Govt. of AP	30.05.2016	2016-17	B. Pharma M Pharma	Permission



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No. 50-663/2016-PCI/1830-86	08.07.2016	2016-17	Pharm -D Pharm - D(PB)	Permission
F. No. South Central/1-2813406631/2016/EOA	05.04.2016	2016-17	B. Pharma M Pharm	Permission
No. A2/ Permanent Affiliation /Seven Hills CP-CQ/2015-16	09/11/2015	2016-17	B. Pharma M Pharm	Permanent Affiliation
No. A2/ Permanent Affiliation /Seven Hills CP-CQ/2015-16	09/11/2015	2016-17	Pharma -D Pharma-D (PB)	Temp. Afiliation

(Enclose the Certificate of recognition/approval)

10. Has the institution been recognized for its outstanding performance by any national / international agency such as DSIR, DBT, ICMR, UGC-SAP, AYUSH, WHO, UNESCO, etc.?

Yes No

If yes, name of the agency **ISO 9001: 2008**

date of recognition: **07.04.2014** (dd/mm/yyyy)

nature of recognition

11. Does the institution have off-campus centres?

Yes No

If yes, date of establishment : (dd/mm/yyyy)

date of recognition by relevant statutory body/ies: (dd/mm/yyyy)

12. Does the institution have off-shore campuses?

Yes No

If yes, date of establishment : (dd/mm/yyyy)

date of recognition by relevant statutory body/ies:
(dd/mm/yyyy)

13. Location of the campus and area:



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	Location *	Campus area in acres	Built up area in sq. mts.
i. Main campus area	Rural	2.68 Acres	4665 Sq. Mts
ii. Other campuses in the country	-	-	-
iii. Campuses abroad	-	-	-

(* Urban, Semi-Urban, Rural, Tribal, Hilly Area, any other (specify))

If the institution has more than one campus, it may submit a consolidated self-study report reflecting the activities of all the campuses.

14. Number of affiliated / constituent institutions in the university :

Not Applicable

Types of institutions	Total	Permanent	Temporary
Ayurveda			
Dentistry			
Homoeopathy			
Medicine			
Nursing			
Pharmacy			
Physiotherapy			
Siddha			
Unani			
Yoga and Naturopathy			
Others (specify and provide details)			

15. Does the University Act provide for conferment of autonomy to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the University.

Yes

No

Number

16. Furnish the following information: **Not Applicable**



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Particulars	Number
a. Accredited colleges by any professional body/ies	
b. Accredited course / department by any professional body/ies	
c. Affiliated colleges	
d. Autonomous colleges	
e. Colleges with Postgraduate Departments	
f. Colleges with Research Departments	
g. Constituent colleges	
h. University Departments	
	Undergraduate
	Post graduate
	Research centres on the campus and on other campuses
i. University recognized Research Institutes/Centres	

17. Does the institution conform to the specification of Degrees as enlisted by the UGC?

Yes No

If the institution uses any other nomenclatures, specify.

18. Academic programs offered and student enrolment: (Enclose the list of academic programs offered and approval / recognition details issued by the statutory body governing the program)

Programs	Number of Programs	Number of students enrolled
UG	B. Pharmacy - 1	100
PG	M Pharmacy - 4	78
DNB		
Integrated Masters		
Integrated Ph.D.		
PharmD.	Pharma - D - 1	30
	Pharma - D (PB) - 1	10
M.Phil.		
Ph.D.		
Certificate		
Diploma		
PG Diploma		
D.M. / M.Ch.		



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Programs	Number of Programs	Number of students enrolled
Sub / Super specialty Fellowship		
Any other (specify)		
Total	4	218

19. Provide information on the following general facilities (campus-wise):

- Auditorium/seminar complex with infrastructural facilities Yes No
- Sports facilities
 - * Outdoor Yes No
 - * Indoor Yes No
- Residential facilities for faculty and non-teaching staff Yes No
- Cafeteria Yes No
- Health centre
 - * First aid facility Yes No
 - * Outpatient facility Yes No
 - * Inpatient facility Yes No
 - * Ambulance facility Yes No
 - * Emergency care facility Yes No
 - * Health centre staff
 - Qualified Doctor Full time - Part-time
 - Qualified Nurse Full time - Part-time
- Facilities like banking, post office, book shops, etc. Yes No
- Transport facilities to cater to the needs of the students and staff Yes No



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- Facilities for persons with disabilities Yes No
- Animal house Yes No
- Incinerator for laboratories Yes No
- Power house Yes No
- Fire safety measures Yes No
- Waste management facility, particularly bio-hazardous waste Yes No
- Potable water and water treatment Yes No
- Any other facility (specify).

20. Working days / teaching days during the past four academic years

	Working days				Teaching days			
	2012-13	2013-14	2014-15	2015-16	2012-13	2013-14	2014-15	2015-16
Number stipulated by the Regulatory Authority	255	258	262	260	215	211	210	212
Number by the Institution	256	255	262	260	216	215	212	212

(‘Teaching days’ means days on which classes/clinics were held. Examination days are not to be included.)

21. Has the institution been reviewed or audited by any regulatory authority? If so, furnish copy of the report and action taken there upon (last four years).

- Yes. The institute is been reviewed and audited by PCI and Affiliated University. ISO -9001-2008.

22. Number of positions in the institution



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Positions	Teaching faculty						Non-teaching staff	Technical staff
	Professor	Associate Professor /Reader	Assistant Professor	Lecturer	Tutor	Senior Resident		
Sanctioned by the Management/Society or other authorized bodies	06	06	26	-	-	-	9	35
Recruited	06	06	26				9	35
Yet to recruit								
Stipulated by the regulatory authority								
Cadre ratio								
Recruited								
Yet to recruit								
Number of persons working on contract basis	-	-	3	-	-	-	-	-

23. Qualifications of the teaching staff

Highest Qualification	Professor		Associate Professor/Reader		Assistant Professor		Lecturer		Tutor /Clinical Instructor		Senior Resident	
	M	F	M	F	M	F	M	F	M	F	M	F
Permanent teachers												
Ph.D./D.Sc./D.Litt/M.D./M.S.	05	02	-	-	-	-	-	-	-	-	-	-
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA)	-	-	06	-	16	10	-	-	-	-	-	-
AB/FRCS/FRCP/MRCP/MRCS/FDSRCS	-	-	-	-	-	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-	-	-	-	-	-
UG	-	-	-	-	-	-	-	-	-	-	-	-
Temporary teachers												
D.M./ M.Ch.	-	-	-	-	-	-	-	-	-	-	-	-
Ph.D./D.Sc./D.Litt/M.D./M.S.	-	-	-	-	-	-	-	-	-	-	-	-
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA)	-	-	-	-	-	-	-	-	-	-	-	-
AB/FRCS/FRCP/MRCP/MRCS/FDSRCS	-	-	-	-	-	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-	-	-	-	-	-



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Highest Qualification	Professor		Associate Professor/Reader		Assistant Professor		Lecturer		Tutor /Clinical Instructor		Senior Resident	
	M	F	M	F	M	F	M	F	M	F	M	F
UG	-	-	-	-	-	-	-	-	-	-	-	-
Contractual teachers												
D.M./ M.Ch.	-	-	-	-	-	-	-	-	-	-	-	-
Ph.D./D.Sc./D.Litt/M.D./ M.S.	-	-	-	-	-	-	-	-	-	-	-	-
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA)	-	-	-	-	2	1	-	-	-	-	-	-
AB/FRCS/FRCP/ MRCP/MRCS/FDSRCS	-	-	-	-	-	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-	-	-	-	-	-
UG	-	-	-	-	-	-	-	-	-	-	-	-
Part-time teachers												
D.M./ M.Ch.	-	-	-	-	-	-	-	-	-	-	-	-
Ph.D./D.Sc./D.Litt/M.D./ M.S.	-	-	-	-	-	-	-	-	-	-	-	-
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA)	-	-	-	-	-	-	-	-	-	-	-	-
AB/FRCS/FRCP/ MRCP/MRCS/FDSRCS	-	-	-	-	-	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-	-	-	-	-	-
UG	-	-	-	-	-	-	-	-	-	-	-	-

24. Emeritus, Adjunct and Visiting Professors.

	Emeritus		Adjunct		Visiting	
	M	F	M	F	M	F
Number	Nil	Nil	Nil	Nil	3	2

25. Distinguished Chairs instituted:

Department	Chairs
	Nil

26. Hostel

*Boys' hostel – Under Construction



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- i. Number of hostels - NA
- ii. Number of inmates
- iii. Facilities

*Girls' hostel

- i. Number of hostels - One
- ii. Number of inmates - 36
- iii. Facilities - Reading Room
 - Safe Drinking water
 - Access to indoor & outdoor recreational facility

*Hostel for interns - Not Available

- i. Number of hostels
- ii. Number of inmates
- iii. Facilities

*PG Hostel - Not Available

- i. Number of hostels
- ii. Number of inmates
- iii. Facilities

27. Students enrolled in the institution during the current academic year, with the following details:

Students	UG		PG				PharmD		PharmD (PB)	
			M Pharma		DM	MCH				
	*M	*F	*M	*F	*M *F	*M *F	*M	*F	*M	*F
From the state where the institution is located	42	55	9	14	-	-	12	17	-	-
From other states	-	-	-	-	-	-	-	-	-	-
NRI students	2	1	-	1	-	-	-	1	-	-
Foreign students	-	-	-	-	-	-	-	-	-	-
Total	44	56	9	15	-	-	12	18	-	-



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*M-Male *F-Female

28. Health Professional Education Unit / Cell / Department : N A

- Year of establishment
- Number of continuing education programs conducted (with duration)
 - * Induction
 - * Orientation
 - * Refresher
 - * Post Graduate

29. Does the university offer Distance Education Programs (DEP)?

Yes No

If yes, indicate the number of programs offered.

Are they recognized by the Distance Education Council?

30. Is the institution applying for Accreditation or Re-Assessment?

Accreditation Re-Assessment

Cycle Cycle 2 Cycle 3 Cycle 4

31. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4)

Cycle 4: (dd/mm/yyyy), Accreditation outcome/Result

Cycle 3: (dd/mm/yyyy), Accreditation outcome/Result

Cycle 2: (dd/mm/yyyy), Accreditation outcome/Result

Cycle 1: (dd/mm/yyyy), Accreditation outcome/Result

* Enclose copy of accreditation certificate(s) and peer team report(s)

32. Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the university.



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- Not Applicable

33. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).

IQAC 10/10/2016 (dd/mm/yyyy)

AQAR (i) (dd/mm/yyyy)

(ii) (dd/mm/yyyy)

(iii) (dd/mm/yyyy)

(iv) (dd/mm/yyyy)

34. Any other relevant data, the institution would like to include (not exceeding one page).



Part – II

CRITERIA-WISE INPUTS



Seven Hills College of Pharmacy

CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Planning, Design and Development

1.1.1 Does the institution have clearly stated goals and objectives for its educational program?

- Yes, the vision and mission of Seven Hills College of Pharmacy form the basis for its goals and objectives, which seek to address the societal and national needs by laying emphasis on academic competence, health care delivery, research and development activities and to develop competent pharmacy professionals with ethical values.

1.1.2 How are the institutional goals and objectives reflected in the academic programs of the institution?

- The goals and objectives of the College have always revolved around imparting quality education, research and to prepare highly competent pharmacy professionals. The academic content and programs offered in the College explores these major areas and the details are summarized below:

Academic programs: Programs offered are with blend of academics and contemporary research with global value and employability.

- Socially meaningful academic content with integrated outreach components.
- Value-based add-on components to expand their out of curriculum knowledge base for more employability

Research: The institute thrives to nurture research temperament among students at different stages of learning.

- Offering co - curricular programs in research methodology.



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- Mandatory research projects, dissertations for all PGs & Pharma-D.
- Curriculum with extension components where students has an opportunity to learn through extension programs and outreach activities and also serve the rural population towards development of healthier society.

1.1.3 Does the institution follow a systematic process in the design, development and revision of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).

- Yes. The college is affiliated to JNTU, Anantapur, Govt, of AP. As such, JNTU, Anantapur handles the designing and development of curriculum for all its Under Graduate, Post Graduate Courses and PharmaD courses basing on the regulations of PCI.
- However, in view of the specific vision and goals of the institution which aims at quality education of global standards, at the institute level initiatives are taken in the form of value added component over and above the prescribed curriculum.
- Every department, at the end of the academic year, conducts review meeting in which all the Faculty members offer suggestions either for change or for improvement based on the class room experience and feedback given by the students. Recommendations and suggestions of individual departments are forwarded to concerned Board of Studies of JNTU, Anantapur.
- The recommendations and suggestions are also based on the feedback collected from the students and academic peers on curriculum aspects and also on the emerging trends of the respective discipline which form base in arriving the suggestions and recommendations.

1.1.4 How does the curriculum design and development meet the following requirements?



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* Community needs

- The importance of serving and identifying the community needs is incorporated while designing and implementation of the curriculum at all the Pharmacy courses. This will enable to bring socially responsible professionals ably supported by participating and serving in public health centers and health awareness programs and NSS programs conducted by the institution.

* Professional skills and competencies

- The curriculum is designed in such a way that the student gets his professional potency in the subject through the expertise teaching and training. Practical training in labs, patient encounters, industrial visits, student exchange programs, basic and advanced skills training in lab are some of the initiatives taken for making the student professionally competent

* Research in thrust / emerging areas

- UG & PG course curriculum have a structured course which supports research through dissertation work. Well equipped labs, library with collection of reference books, journals and e-journals, ICT facility etc make the students to take up research.
- The entire postgraduate curriculum includes Thesis/Dissertation as a part of the curriculum with the objective of sensitizing the students towards research.

* Innovation

- Through group discussions, interactions and E-learning.
- By browsing internet for the latest developments and innovations in the field of Pharmacy.



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* Employability

- Innovations in technology have led to spectacular advancement in modern pharmaceutical industry. The curricular aspects in the college focus to understand the bridging of emerging technology with Pharmaceutical science. The curriculum is designed integrating teaching – learning through the usage of computers, information and Communication Technology. Value-added component of ICT is included for equipping the student to compete at global level. Hence the students are well prepared for employability in the market.

1.1.5 To what extent does the institution use the guidelines of the regulatory bodies for developing and/or restructuring the curricula? Has the institution been instrumental in leading any curricular reform which has created a national impact?

- The UG, PG and Doctorate programs offered by the College are governed by the guidelines as stipulated by the statutory bodies namely PCI, AICTE, and affiliating University.
- As mentioned at Para 1.1.3, the College periodically sends recommendations to the concerned Board of studies based on the deliberations at curriculum committee meetings.

1.1.6 Does the institution interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the institution benefitted through interactions with the stakeholders?

- Yes. The Curriculum Committee of the institute consists of eminent and experienced persons drawn from academia, industry and health care service providers. These members discuss and analyze suggestions given periodically by faculty members and external members. After discussion and consideration of the validity of suggestions, the changes



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and inclusions are forwarded to concerned Board of studies at the University level for incorporation.

1.1.7 How are the global trends in health science education reflected in the curriculum?

- Every program has a customized framework to ensure that the quantity and quality of content of curriculum and course work are at par with international Institutions / universities.
- Global trends are reflected through exposure of concepts like Good Manufacturing Practice (GMP), cGMP, Good Laboratory Practice (GLP), Intellectual Property Rights (IPR), Pharmacovigilance, Nutraceuticals, Nanotechnology etc as part of curriculum.

1.1.8 Give details of how the institution facilitates the introduction of new programs of studies in its affiliated colleges.

- Not Applicable as the college is an affiliated college.

1.1.9 Does the institution provide additional skill-oriented programs relevant to regional needs?

- Yes. The institute conducts the following add on programs to enhance students' skills.
 - Language lab to enhance language skills
 - Computer course
 - Yoga and personality development courses

1.1.10 Explain the initiatives of the institution in the following areas:

* Behavioral and Social Science.

- The students are exposed to Behavioral and Social Sciences at different phases of Pharmacy course by way of lectures and live



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demonstrations.

* **Medical Ethics / Bio Ethics / Nursing Ethics.**

- Medical Ethics committee of the Institute will look after all the Ethical issues of the Institution.

* **Practice management towards curriculum and / or services**

- The modes of practice management towards curriculum and services are through proper management of academic calendar under direct supervision of the entire faculty.

* **Orientation to research.**

- The undergraduate training incorporates introduction to statistics and for PGs research methodology as a subject. All the students of both UG and PG are oriented towards research by involving them in active participation in dissertation preparation and presentations.

* **Rehabilitation.**

- No

* **Ancient scriptural practices.**

- The students are made aware of Indian rich cultural heritage and ancient practices through guest lectures.

* **Health Economics.**

- Students are exposed about health economics through various health camps conducted in rural area.

* **Medico legal issues.**



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- The students and staff are educated about medico-legal issues through guest lectures by legal experts.

* **Enhancement of quality of services and consumer satisfaction.**

- Enhancement of quality of services and consumer satisfaction is comprehensively dealt by well integrated and exhaustive feedback mechanism from all the stakeholders.

1.1.11 **How does the institution ensure that evidence based medicine and clinical practice guidelines are adopted to guide patient care wherever possible?**

- All the pharmacy students undergo professional training in clinical pharmacology in attached hospital. Students are trained in standard clinical practice guidelines and practice in evidence based medicine and clinical practice.

1.1.12 **What are the newly introduced value added programs and how are they related to the internship programs?**

- To develop communication skills of the students (a) Spoken English, (b) Interpersonal relations and Social Behavior etc are taught.
- Computer application classes are arranged for all the students to learn computer basics which are essential for his / her career advancement.

1.1.13 **How does the institution contribute to the development of integrated learning methods and Integrated Health Care Management?**

* **Vertical and horizontal integration of subjects taught.**

- The undergraduate pharmacy program is designed in such a way that subjects are both vertically / horizontally integrated to each other.

* **Integration of subjects taught with their clinical application.**



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- The undergraduate program curriculum designed in such a way that it contribute towards integrated learning of both clinical application and basic medical sciences. Basic medical sciences are taught in the context of pharmaceutical application and relevance.
- * Integration of different systems of health care (Ayurveda, Yoga, Unani, Homeopathy, etc.) in the teaching hospital.
- Not Applicable

1.1.14 How is compatibility of programs with goals and objectives achieved with particular reference to priority of interface between Public Health, Medical Practice and Medical Education?

- The regulations and guidelines of statutory bodies i.e PCI and the affiliating University regulate the goals and objectives of the course and provide adequate interface between Public Health, Pharmacy Practice and Pharmacy Education.
- Outreach components of the program serve the objective of National Rural Health Mission (NRHM). The Public Health programs such as DOTS, Polio, HIV / AIDS, Malnutrition in children, Fluorosis and other viral epidemics are coordinated with Public Health Officials by the NSS coordinator of the College.
- Thus, the compatibility of program is achieved in tune with institutes' goals and objectives.

1.2 Academic Flexibility

1.2.1 Furnish the inventory for the following:

- * Programs offered on campus
 - Under Graduate Program
 - B. Pharmacy (4 Years Duration)



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- Post Graduation Program
 - M. Pharmacy - Pharmaceutics
 - M. Pharmacy - Pharmacology
 - M. Pharmacy - Pharmaceutics - Drug Regulatory Affairs
 - M. Pharmacy - Pharmaceutical Analysis
 - Doctorate Program
 - Pharma - D (6 Years)
 - Pharma - D (PB) (3 Years)
- * Overseas programs offered on campus
- No overseas programs are offered
- * Programs available for colleges/students to choose from
- The students have a wide range of flexibility to choose the specialization he / she desire to undertake at Post Graduate level. Students can also choose Pharma - D (PB) which of three years duration with one hospital attachment.

1.2.2 Give details on the following provisions with reference to academic flexibility

a. Core options

- The college is offering UG, PG and Pharm - D programs in the field of pharmacy.
- Graduate program: Bachelor of Pharmacy - The program gives an opportunity to learn different areas of pharmaceutical sciences which will open door to those who are interested in pursuing higher studies in Pharmacy.
- Post Graduate Program: Mater of Pharmacy



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- Doctor of Pharmacy: Pharm - D and Pharma - D (PB)

b. Elective options

- The elective options are available for B. Pharm final year students in Industry orientation or hospital and clinical pharmacy orientation.

In industry orientation students can take up Advanced Industrial Pharmacy and Pharmaceutical Marketing Management and for Hospital orientation they need to take up Pharmacokinetics and Therapeutic Drug Monitoring and Hospital Pharmacy.

c. Bridge course

- The students enrolled in to the program are offered Bridge courses that will help strengthen their knowledge gap and acquiring skills in the irregular Programs.

d. Enrichment courses

- Enrichment courses are being offered by the College to enable students to acquire skills beyond curricular, to enhance employability and to equip themselves to the needs of national and global markets.

e. Credit accumulation and transfer facility

- No Credit system

f. Courses offered in modular form

- The course is offered as per University norms.

g. Lateral and vertical mobility within and across programs, courses and disciplines and between higher education institutions



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- Yes. Diploma in Pharmacy students can join in II year B. Pharmacy course as lateral entry.

h. Twinning programs

- No

i. Dual degree programs

- No

1.2.3 Does the institution have an explicit policy and strategy for attracting students from

** other states,*

- The admissions are open to students from all over India who fulfill the eligibility criteria and guidelines for admission. The students from other states can be admitted under management quota.
- The students are provided with all the facilities for their comfortable and safe stay in the campus.

** socially and financially backward sections,*

- The institute provides access to students belonging to socially and financially disadvantaged sections belonging to scheduled castes, scheduled tribes, backward classes, women, minorities etc, by providing reservations as per the state government and JNTU rules and norms.
- Financial aid is also provided to the students belonging to socially and financially backward section students through Management, which include reduction or waiver of tuition fee and / or provision of hostel facility at subsidized rates.



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* international students?

- The program offered at the institute is also open to International students provided they meet JNTU, Anantapur eligibility criteria. As per the State Govt. policy 15 per cent of the seats are reserved for NRI / overseas students.

1.2.4 Does the institution offer self-financing programs? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programs?

- Yes. The Institute being a self-financed institution, all the programs offered comes under self-financing category. The Institution does not receive any financial assistance either from the Government or from the UGC / any other agency.
- Admission policy, fee structure, teacher qualifications and salary are as per the state government and affiliating University norms.

1.2.5 Has the institution adopted the Choice Based Credit System (CBCS) / credit based system? If yes, for how many programs? What efforts have been made by the institution to encourage the introduction of CBCS in its affiliated colleges?

- No

1.2.6 What percentage of programs offered by the institution follow:

- * Annual system - 50% PharmaD and Post Basic course
- * Semester system - 50 % - B. Pharmacy and M. Pharmacy courses
- * Trimester system - 0 %

1.2.7 How does the institution promote multi/inter-disciplinary programs?



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Name a few programs and comment on their outcome.

- The Under Graduate B Pharmacy program offered in the institution is basically an inter disciplinary one which is able to promote students in different areas include industrial, clinical, marketing etc.

1.2.8 What programs are offered for practicing health professionals for skills training and career advancement?

- Seminars, workshops and conferences on emerging trends.
- Refresher courses / Faculty development programs for staff.

1.3 Curriculum Enrichment

1.3.1 How often is the curriculum of the institution reviewed and upgraded for making it socially relevant and/or skill oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

- The Curriculum is reviewed regularly by the Board of Studies of JNTUA.
- The curriculum is reviewed and upgraded on a regular basis as Old Scheme, Revised Rcheme (RS), RS1, RS2, RS3 ...and RS15. Now the RS15 scheme is implemented in the year 2015-16.
- The College implements the curriculum based on the syllabus approved by JNTUA. However the enrichment of the curriculum happens through guest lectures and the regular inputs from the institute.
- The new curriculum for M. Pharma is R13 implemented from 2013-14.

1.3.2 During the last four years, how many new programs were introduced at the UG and PG levels? Give details.

* multi/inter-disciplinary



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* programs in emerging areas

Sl No	Course	Year of Starting
1	B. Pharmacy	2007
2	M. Pharmacy - Pharmacology	2014
3	M. Pharmacy- Pharmaceutics	2011
4	M. Pharmacy - Pharmaceutical Analysis	2012
5	M. Pharmacy - Drug Regulatory affairs	2014
6	Pharma D	2012
7	Pharma D (PB)	2014

1.3.3 What are the strategies adopted for the revision of the existing programs? What percentage of courses underwent a syllabus revision?

- Every department is having a **Curricular Committee** with HOD as the Chairman. There will be meeting of the Departmental Curriculum Committee at the end of every year. The feedback obtained from the students and points raised at parent –teacher meetings regarding curriculum are discussed in the meeting.
- The faculty also identifies certain gaps in the curriculum if any, through their yearlong teaching coupled with their long experience.
- All these points are thoroughly discussed in the Curriculum Committee and the necessary changes / improvements required are communicated to the concerned BOS of JNTU.

1.3.4 What are the value-added courses offered by the institution and how does the institution ensure that all students have access to them?



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The following value-added courses are offered:

- Lectures on the evils of ragging and its legal implications
 - Course on Communication skills, spoken English
 - Computer applications
 - Classes on good citizenship and personality development.
- These courses are of choice based and offered beyond regular hours so as to enable all the students to enroll.

1.3.5 Has the institution introduced skills development programs in consonance with the national health programs?

- The institute has programs through which the students develop skills to meet national health needs.
- The Institute actively participates in all the National Health Programs like Pulse Polio, Family Health Awareness campaigns, Reproductive and Child health programs, National AIDS control programs, TB control programs etc. The institute also coordinates with local district public health officials in implementing district health programs.

1.3.6 How does the institution incorporate the aspects of overall personality development addressing physical, mental, emotional and spiritual well being of the student?

- For personality development and well being of the students, the institute initially conducts orientation program and bridge courses to solve their adjustment and fear psychosis.
- The institute also conducts games & sports events and physical education training.
- The Institution bestows special attention on cultural and spiritual



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activities.

1.3.7 Does the curriculum provide for adequate emphasis on patient safety, confidentiality, rights and education?

- Yes, the Pharmacy course has ethics as part of their curriculum which emphasizes patient safety, confidentiality, patients' rights and education.

1.3.8 Does the curriculum cover additional value systems?

- The curriculum also covers few topics on value orientation with an object of inculcating the desired value system among the students.
- Value systems commensurate with inculcating respect and tolerance to various diversities.
- Universal values like truth, mutual understanding and cooperation, discipline and righteous behavior etc, are emphasized and made to practice during their stay in the College.

1.4 Feedback System

1.4.1 Does the institution have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

- Yes. With an object of continuously improving the standards of curricular the institute obtains feedback from the students through a structured questioner.
- The feedback obtained is analyzed and discussed in the curriculum committee and necessary up gradations / changes required are incorporated as additional content and final recommendations are communicated to respective BOS of the JNTU for necessary action.

1.4.2 Does the institution elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods such as conducting



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webinars, workshops, online discussions, etc. and their impact.

- The institute collects feedbacks from different stakeholders. National and International faculty during their visit for inspection / examinations or participation in seminars / conferences interact and give appropriate feedback.
- The analysis of feedback is discussed in Board of Studies and the recommendations are forwarded to University for incorporation.

1.4.3 Specify the mechanism through which affiliated institutions give feedback on curriculum and the extent to which it is made use of.

- Not applicable. The institute itself is an affiliated institution.

1.4.4 Based on feedback, what are the quality sustenance and quality enhancement measures undertaken by the institution in ensuring the effective development of the curricula?

- The Institutes' Curriculum Committee takes required measures for quality enhancement based on the feedback given by all the stakeholders.
- Since quality enhancement and sustenance is a continuous process, an "Internal Quality Assurance Committee" (IQAC) has been constituted with self-regulated responsibilities aimed at continuous quality improvements in its teaching and learning process for achieving academic excellence.

1.4.5 What mechanisms are adopted by the management of the institution to obtain adequate information and feedback from faculty, students, patients, parents, industry, hospitals, general public, employers, alumni and interns, etc. and review the activities of the institution?



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- The Management has an open door policy to collect information from all the stakeholders by way of informal meetings.
- The Management holds meetings regularly with the staff, students and parents.
- Closely monitors functioning of the departments and the results achieved.
- Conducts regular staff council meetings.
- The Management also conducts regular review meetings and discusses the activities and gives directions for improvement.

The above activities of the management ensure to have the required and adequate information to review and plan the activities properly avoiding information gap while making the decisions.

Any other information regarding Curricular Aspects which the institution would like to include.



CRITERION II TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 How does the institution ensure publicity and transparency in the admission process?

- The admission for all the courses in the institute are done as per the norms and guidelines stipulated by the government of Andhra Pradesh and JNTU A. The eligibility criteria for admission of students for the course offered by the institute is advertised in all the leading newspapers and also placed in its web portal. The process dates and regulations for applications are announced in the same advertisement. The admission process is carried out by inter-se merit of marks obtained in the EMCET examination conducted by State Government. The Institute also gives wide publicity through:
 - Printing and distribution of prospectus
 - T V Coverage
 - Displaying admission process information at the institute notice boards and also in its web portal.

2.1.2 Explain in detail the process of admission put in place by the institution. List the criteria for admission: (e.g.: (i) merit, (ii) merit with entrance test, (iii) merit, entrance test, aptitude and interview, (iv) common entrance test conducted by state agencies and national agencies (v) any other criteria (specify).

- Admission is open to Indian nationals and residents of Andhra Pradesh.

Following are considered as State residents:

- (i) Candidates who have resided in the State for 10 yrs excluding



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periods of study outside the State; (ii) Candidates either of whose parents have resided in the State for 10 yrs; (iii) Candidates either of whose parents/spouses of those in State/Central, Public Sector Undertakings, Local Bodies, Universities employment within the State at the time of application.

Reservations: SC 15% ST 6% BC 25% Children of Service/Ex-Servicemen 1% Women candidates 33 1/3% Anglo-Indian 1 seat Physically handicapped/NCC/Sports personnel 1/4% each. Seats are also reserved for Govt. of India nominees.

Eligibility: Age: Should have completed 17 years of age for both B. Pharmacy, Pharm - D and PB course as on 31st December of the year of admission.

- The institute is a self-financing affiliated College affiliated to JNTUA. The students are selected for admission into UG course leading B. Pharmacy through TWO channels.
 - 1) 70% of the seats to be filled by competent authority(A Category)
 - 2) 30% of the seats to be filled under Management quote (B Category)
- For the 70% of to the seats filled by JNTUA, the students who have passed with 50% in Intermediate / 10+2 or equivalent examination with Biology, Physics and Chemistry / Maths, Physics and Chemistry options, have to appear for EAMCET (Engineering, Agriculture and Medical Common Entrance Test) examination conducted by the Government of Andhra Pradesh. The aspiring students are selected based on the EAMCET rank though counseling conducted by JNTUA.
- For the remaining 30% of the seats under the Management and NRI quota, the students are selected based on the Qualifying examination.



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- For admission into the PG program the process is same where 70% of the seats are filled by JNTUA from among the merit list in the PG CET conducted by JNTUA through counseling and the remaining 30% of the seats are filled by the Management under Management quota based on the marks obtained in the qualifying examination i.e B. Pharmacy.
- For admission into both Pharm - D & PB program the process is same as for admission into UG Program.

2.1.3 Provide details of admission process in the affiliated colleges and the university's role in monitoring the same.

- Being an affiliated College the institution follows guideline of affiliating University and the state government from time to time.

2.1.4 Does the institution have a mechanism to review its admission process and student profile annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

- Admissions for UG, PG, Pharm-D and PB course in the state are governed by the rules, regulations and guidelines of Andhra Pradesh State Council of Higher Education (APSCHE) and JNTUA.
- The Management of the Institute evaluates and reviews admission process every year after the admissions are completed. Basically the review is in terms of demand / number of applicants for the UG and PG programs. The institute being a self financed one, the guidelines on admissions under management quota are strictly followed.

2.1.5 What are the strategies adopted to increase / improve access for students belonging to the following categories:

- * SC/ST
- * OBC
- * Women



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- * Persons with varied disabilities
 - * Economically weaker sections
 - * Outstanding achievers in sports and other extracurricular activities
- The institute promotes access to ensure equity by adhering to the statutory provisions (reservations) and rules and regulations stipulated by the JNTUA / State Govt, by giving due representation to marginalized sections of the society in the following way.
 - i) 15% of the seats to be filled in by JNTUA under Govt. quota are reserved for Scheduled castes.
 - ii) 6% of the seats to be filled in by JNTUA under Govt. quota are reserved for Scheduled Tribes.
 - iii) 25% of the seats to be filled in by JNTUA under Govt. quota are reserved for Backward Castes.
 - iv) 1% of the seats to be filled in by JNTUA under Govt. quota are reserved for Children of service / ex-servicemen.
 - v) 3% of the seats to be filled in by JNTUA under Govt. quota are reserved for NCC, Sports and differently -abled persons.
 - vi) 33% of the seats to be filled in by JNTUA under Govt. quota are reserved for women.
 - Seats are filled-in accordingly by providing access to these deprived sections of the society to ensure equity.

2.1.6 Number of students admitted in the institution in the last four academic years:

Categories	Year 1 2013-14		Year 2 2014-15		Year 3 2015-16		Year 4 2016-17	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	10	12	8	12	13	16	13	14
ST	2	0	6	2	12	16	4	4



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OBC	17	23	25	34	24	35	32	45
General	14	32	19	34	9	20	18	27
Others	-	-	-	-	-	-	-	-

2.1.7 Has the university conducted any analysis of demand ratio for the various programs of the university departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease.

- The institute receives applications at the ratio of 1:4 for the UG program for the seats to be filled by the Institute under management quota. Similarly for the PG program applications are received at the ratio of 1:6.
- The University receives at the ratio of 1:20 for the seats to be filled through counseling.

2.1.8 Were any programs discontinued/staggered by the institution in the last four years? If yes, specify the reasons.

- Yes. M Pharmacy – Pharmaceutical technology was discontinued as there were no admissions continuously for three years.

2.2 Catering to Student Diversity

2.2.1 Does the institution organize orientation / induction program for fresher's? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.

- A two day induction program is organized to the new entrants of the institute as a post admission activity for preparing smooth transition of students from school to college life. All the Heads of the departments of the institute provides orientation regarding their respective programs. The orientation program includes details of the institution, rules and regulations, curricular overview, organizational



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overview and various facilities in the College. The students visit the individual departments, interact with faculty and acquire familiarity with facilities and the staff. The students are also provided with the annual academic calendar, timelines for mid-term and terminal examinations.

- During this process, a questionnaire is circulated to assess the student's skills and knowledge by taking into account their personal data and academic record. The skill and knowledge gaps are assessed and identified. Depending on the gaps and requirements bridge courses are conducted to enable them to cope up.
- Since the College is located in a rural area several students are admitted every year with rural background, special programs are arranged to improve their communication skills, interpersonal relations, etc.

2.2.2 Does the institution have a mechanism through which the “differential requirements of the student population” are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

- As explained in the preceding paragraph the institution assesses the differential requirements of student's needs in terms of knowledge gaps and key issues are addressed by arranging bridge courses.

2.2.3 How does the institution identify and respond to the learning needs of advanced and slow learners?

- The institute identifies slow and advanced learners based on the performance of the students in formative and summative assessment at the end of first term by their respective teachers.
 - a. The students with problems due to stress are counseled by the counselor.



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- b. For the **slow learners** the following measures are taken:
 - i. Institute appoints mentors for every 20 students at the beginning to monitor academic progress of the students.
 - ii. Additional classes if necessary on one to one teaching in the deficient subject.
 - iii. Additional tests on weekly / fortnightly basis
 - iv. Revision of practical / theory where ever necessary.
 - v. Periodical parent - teacher meetings
 - vi. Provision of notes, etc.
- c. **Advanced learners** are encouraged to further improve their skills and knowledge in the subject so as to pursue higher goals in academics. These students are also encouraged to participate in quiz competitions, paper and poster presentations, undertake mini projects etc, with a view to develop research temperament in them.

2.2.4 Does the institution offer bridge / remedial / add-on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

- The Jawaharlal Nehru Technological University, Anantapur curriculum provides remedial courses such as remedial mathematics, biology for both B. Pharm and Pharm -D courses based on the subjects studied at the 10+2 level.
- The institution offers bridge courses like functional English and communication English lab to improve English competency.
- Subjects like environmental sciences and ethics and biostatistics serve as bridge courses.



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- Institution has taken initiative to provide add on courses for final year students to improve their employability skills.

2.2.5 Has the institution conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, differently-abled, etc.? If yes, what are the main findings?

- The Institution conducts informal study on the academic growth of the students belonging to social, physical and economically disadvantaged sections.
- There is an exclusive Committee 'SC / ST Cell' headed by faculty from the same social group to monitor the growth of the students from time to time.
- The college practices 'Mentor' system where each faculty member is allotted 10 to 12 students for academic and personal guidance. These mentors record the academic growth of the students and pay special attention to the students from disadvantaged sections.

2.2.6 Is there a provision to teach the local language to students from other states/countries?

- Yes. The students from outside states are thought basics of communication in local language.

2.2.7 What are the institution's efforts to teach the students moral and ethical values and their citizenship roles?

- The institution teaches its future pharmacists about the professional, moral and social obligation of a pharmacist. Along with the skill development, the institution gives utmost priority in inculcating the desirable value system among the students.
- The programs offered in the institution have ethics in their curriculum



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as a subject. Since the college organizes extension activities in the rural areas and these extension activities promote students' orientation towards health needs of the community and service attitude and citizenship role among the students.

2.2.8 Describe details of orientation/ foundation courses which sensitize students to national integration, Constitution of India, art and culture, empathy, women's empowerment, etc.

- At the beginning of the academic year a structured orientation / induction program is designed for the newly joined students to enlighten on ethics, Constitutional obligations of the profession, Indian heritage and culture, importance of national integration, empathy towards patients etc. The program intends to sensitize the students on various issues such as women empowerment, anti ragging, environmental protection etc.

2.2.9 Has the institution incorporated the principles of Life Style Modifications for students based on Eastern approaches in their day to day activities?

- The induction / orientation program organized at the institute gives an overall exposure towards healthy lifestyle modifications required and encourages the students to practice pranayama, meditation, surya namaskara and related practices and to follow the same in their day to day activities.
- Dress code adherence to Indian / eastern culture for all the students across the institutions.

2.2.10 Has Yoga/Meditation/any other such techniques been practiced by students regularly as self-discipline?

- Yes. Yoga cum multipurpose (GYM) facility is available for regular use for students and also those staying in the hostels.



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2.2.11 How does the institution attend to the diverse health issues (physical and mental) of students and staff?

- To attend to the health needs of the students a doctor visits College twice in a week. Also, to attend to the mental and emotional problems of needy students a psychological counselor is also made available for appropriate counseling.
- In the hostel, a sick room is provided with the services of pharmacy practice staff to offer preliminary medical care.
- The mentor meeting also provides the emotional and psychological support needed for the students.

2.2.12 Does the institution cater to the needs of groups / individuals requiring special attention by conducting group classes / special individual trainings / focused group discussion / additional training measures etc.?

- The Institute identifies slow and fast learners. Slow learners are provided with additional tutoring. Seminars, workshops, focused group discussions are in place to empower the students.
- Special training programs are also conducted for those students who appear for interview and competitive examinations.

2.3 Teaching-Learning Process

2.3.1 How does the institution plan and organize the teaching-learning and evaluation schedules such as

* academic calendar

- The Institute prepares academic calendar and handovers at the beginning of the academic year. The calendar includes details of working days, holidays, midterm and terminal examination schedule, etc and the same is being strictly adhered to by the institute.



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* master plan

- Individual faculty and the whole department plan and schedule the teaching and evaluation plans, according to their program, based on the academic calendar. The master plan is made as per the evaluation duration, i.e. yearly.

* teaching plan

- The entire teaching schedule for the semester including a detailed lesson plan on each topic is planned in the beginning itself and given to the students at the beginning of the each semester.

* rotation plan

- Departmental / subject postings through which the students rotation is determined and the rotation plan is given to the students at the beginning of each semester.

* course plan

- Each course is planned as prescribed by affiliating University with specific objectives based on the skill and knowledge required. Accordingly the course contents are planned and organized. The evaluation is based on the objectives of the course. Modifications / additions if required are planned based on the inputs from the faculty and students at the end of the course.

* unit plan

- Each course is further subdivided into multiple units based on the weightage of the topic in the course. The duration of the teaching is divided based on the weightage and the schedule is prepared accordingly.



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* evaluation blue print

- JNTUA decides evaluation schedule and methodology based on the objectives of the course/subject. The University decides the dates and the duration and communicates to the institute from time to time which intern communicates to the students. The details are displayed appropriately and informed to the students.

* outpatient teaching

- The students of Pharm D course undergo hospital training and patient counseling activities as per their curriculum. During their internship, they interact and counsel the out patients about the ailment, drugs prescribed, proper use of the prescribed drugs and their dosage.

* in-patient teaching

- The students of Pharm. D course have an internship in the hospital as per their curriculum. During the period of internship, the students interact with in patients of various wards of the hospital. They counsel the patient on the symptoms of the ailments, drug therapy prescribed, common side effects that can be experienced from the said therapy. They also maintain the patient history and constantly monitor the effect of the drug therapy.

* clinical teaching in other sites

- Clinical teaching is also done in the laboratories and at community clinics where the students are taught area specific skills.

* teaching in the community

- Teaching in the community is carried out when the students undertake extension activities in rural areas. Students conduct



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surveys, teach the public about health and sanitation, communicable diseases, availability of vaccination, dosages etc. The institute conducts free health camps. The institute also adopted few schools and villages to educate rural mass and children about health & hygiene.

2.3.2 Does the institution provide course objectives, outlines and schedules at the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

- Yes. UG and PG Course objectives, outlines and schedules are prepared as per the requirement of PCI and in accordance to the requirements of the JNTUA. For each subject, course objectives are outlined in the course plan prepared in the beginning of the each semester. The units to be covered are divided into number of lectures; the portion to be covered in each lecture is designated in advance. All the lectures completed are noted in teaching diary by each of the faculty.

2.3.3 Does the institution face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.

- The annual curriculum is designed keeping in view the time frame available for the students during that academic year.
- The institute does not receive any complaints either from the students or from the faculty that they are facing difficulty in completing the prescribed curriculum within the stipulated teaching hours.
- However, the institute has taken due care to allocate extra teaching hours to compensate for unforeseen circumstances. In situations where there are loss of teaching hours due to bundhs or natural events or holidays declared by Government, the prescribed teaching are completed taking extra classes and if necessary on second Saturdays.



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2.3.4 How is learning made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

- The institute firmly ensures that the learning is made student-centric by converging all its plans, ICT - mediated resources and actions for the overall benefit of the students. Theory classes are made more illustrative and interactive. The teaching methods include didactic lectures, interactive sessions, problem based learning through case resolution, demonstrations, field visits, clinical presentations and clinical and practical sessions.
- During practical / tutorial sessions, ample stress is given to impart what the student requires rather than what the teacher knows. Various academic programs of the institute are aimed at providing good professional skills to students who will be engaged in quality health care and research.

2.3.5 What is the institution's policy on inviting experts / people of eminence to augment teaching-learning activities?

- The institution invites eminent personalities and experts in pharmacy to deliver lectures on emerging trends and on special topics of interest.

2.3.6 Does the institution formally encourage learning by using e-learning resources?

- Yes. All kinds of teaching aids including modern ones are available in the institute and are regularly used by the teaching faculty to have the student's better learning experience. The following e-learning resources are extensively used.

a) Computers



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- b) OHP /LCD Presentations
- c) Charts & Diagrams
- d) Specimens
- e) Models
- f) Poster presentations
- g) Audio visual presentations

- Internet facility is provided to all the departments and faculty is encouraged to use and download latest information so as to use ICT enabled teaching practices by all the faculty members.

2.3.7 What are the technologies and facilities such as virtual laboratories, e-learning and open educational resources used by the faculty for effective teaching?

- The institute has e-learning centre with 30 computers with internet connectivity to all the computers for use by students and faculty.
- The library is equipped with open access system and adequate books and journals to enrich the knowledge of students and faculty.
- High speed Internet connectivity across the campus to enables access to open e-resources, online journals, e-books etc., to the students / faculties.
- Every Department is having computers and internet facility, to access and to download e-resources.
- Seminar Hall with ICT facility and each class room is provided with LCD projector to facilitate PPTs and audio visual instructions.

2.3.8 Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate



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its benefits in the institution's educational processes?

- Yes. Young faculty in each department is assigned to monitor latest trends and developments in open source community. The same has been reported in journal clubs, case presentations. Apart from these important articles published in various journals are also discussed in details in the journal club by the faculty and PG students.

2.3.9 What steps has the institution taken to transition from traditional classrooms into an e-learning environment?

- The institute has well equipped facilities to facilitate e-learning environment to all the students. Classroom lectures are supplemented with multi-media sessions which make learning more interesting and effective.
- The institute's library subscribed to educational website and e-journals through which the students can access to more learning material.
- The Resource centre (Library) opens on all working days and on weekends to provide access to e-resources.

2.3.10 Is there provision for the services of counselors / mentors/ advisors for each class or group of students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefitted.

- Yes. Provision of mentor is being followed in the institute. Each faculty member is allotted 10-12 students for academic and personal guidance. The designated teacher / mentor will periodically interact with the students to provide academic, personal and psycho-social guidance.

2.3.11 Were any innovative teaching approaches/methods/practices adopted and



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implemented by the faculty during the last four years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

- The young and dynamic faculty that the institution has is considered as a backbone and they ensure the best teaching methods for the benefit of students and the same is being encouraged by both Head of the institution and the Management.
- The institute has adopted more teaching modalities apart from didactic lectures. The Faculty delivers lectures using PPT and LCD projectors and the audiovisuals are used to enrich the knowledge of the students.
- PGs and UGs are encouraged to participate in debates and seminar presentations.
- Study hours in the evening and mentor system to remove difficulties in understanding the subject to improve in the understanding process.
- The impact of these innovative teaching has resulted in enhancing the theoretical and practical knowledge of the subject which reflected in improved academic performance.

2.3.12 How does the institution create a culture of instilling and nurturing creativity and scientific temper among the learners?

- Teaching and learning in this institute is fashioned in such a way that scientific queries pertaining to basic sciences and pharmaceutical practice are generated. Questions about a disease, diagnosis and therapy are raised in a clinical setting and answers are obtained by using scientific methods in the laboratory and then translated into clinical practice. Thus, inquisitiveness among the students and staff



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are generated and augmented.

- Creativity, both in academic and non-academic spheres is encouraged in the institute. Students of both UG and PG exhibit creativity in academics through designing and execution of projects, preparation of posters etc.

2.3.13 Does the institution consider student projects mandatory in the learning program? If yes, for how many programs have they been (percentage of total) made mandatory?

- The students' projects / dissertation work as part of curriculum is mandatory for their successful completion of the course. As per the University (JNTUA) norms the project work is mandatory for all the UG and PG courses.

UG Courses:

B.Pharm

- ✓ Students carry out project / dissertation work for a duration of 6 months in a team of 3 or 4 students during final year (II semester) as part of their curriculum as per JNTUA.
- ✓ Students are allowed to carry out their research work in the campus under the guidance of allotted faculty.

Pharm D

- ✓ As per the regulations of PCI and JNTUA Pharm D students are required to carry out their project work during the Vth year of their study.
- ✓ Project work is generally carried out as a team of 2 or 3 students with the guidance from faculty at college and doctors at hospital



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PG Course

M.Pharm

- ✓ It is mandatory for the M. Pharmacy students of all the specializations to carry out a one year project work as part of their curriculum as per the regulations of JNTUA.
- ✓ M.Pharm students are encouraged to undertake their project work either in the college or in any related industry.

*** .number of projects executed within the institution**

Sl No	Course	2012-13	2013-14	2014-15	2015-16
1	B. Pharma	10	05	05	12
2	Pharm D	Nil	Nil	Nil	Nil
3	M Pharmacy	17	23	18	07

*** names of external institutions for student project work**

1. Pellets Pharma - Hyderabad
2. Vital Therapeutics and formulations Pvt. Ltd, Hyderabad
3. GSN Pharma Pvt. Ltd, Hyderabad
4. SIRI Pharma Generics, Hyderabad

*** role of faculty in facilitating such projects**

- The faculty actively participates and facilitate as guides to all the UG and Post Graduate students in selecting the topic, planning and completion of project work. The faculty guides the students at all the stages of project work and see that the project is completed on time and satisfy all the requirements for appearing the University final examinations.



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2.3.14 Does the institution have a well qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?

- The institute has well qualified and competent faculty to handle and complete the curriculum of both UG and PG programs. The institute has required number of qualified faculty of all categories / cadres to handle the curriculum as per the PCI & University norms.
- In case of short fall or need arise the Management takes steps to fill the posts immediately with qualified and competent faculty.

2.3.15 How are the faculty enabled to prepare computer-aided teaching / learning materials? What are the facilities available in the institution for such efforts?

All the departments have self-learning material like Videos, photographs etc. The help of EDP section & library is available for preparing material such as:

- 1) Power Point presentations of theory classes
 - 2) For making charts and graphs for teaching
 - 3) For storing data and photographs which are used for preparing seminars and articles for publication in journals
 - 4) Material for remedial classes
 - 5) Modules on additional curriculum.
- The EDP helps and coordinates with the departments in preparing teaching materials. The EDP / IT department assists the departments in preparing teaching materials.

2.3.16 Does the institution have a mechanism for the evaluation of teachers by the students / alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?



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- The Institute has introduced evaluation of teachers by students through a structured questionnaire.

The feedback is first analyzed by the statistician / analyst and the feedback report is submitted to the Principal.

- The points raised for the benefit of students are well taken and Principal and the HODs interact with the concerned teacher to make amendments to his teaching – learning practices based on the suggestions in the feedback report.
- The feedback report then is placed before the Management for information and necessary guidelines, if needed.

2.3.17 Does the institution use telemedicine facilities for teaching-learning processes? If yes, cite a few instances.

- Not Available

2.3.18 Does the institution utilize any of the following innovations in its teaching-learning processes?

* ICT enabled flexible teaching system.

- ICT enabled teaching practices are given thrust by all the faculty members. All the lecture classes are ICT enabled for interactive learning. In addition virtual class room facility is fully utilized as a learning system and helps students acquire knowledge and skills from experts working in corporate hospitals.

* Reflective learning.

- The programs offered are of professional in nature. Reflective learning by experiments and hands on training enhances the



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personal learning abilities of the students.

* **Simulations.**

- Not Applicable

* **Evidence based medicine.**

- Mode of treatment is arrived at based on the clinical examination and investigations and the evidences thus obtained.
- Evidence based treatment and learning is practiced in all the departments of the institute.

* **Emphasis on development of required skills, adequate knowledge and appropriate attitude to practice medicine.**

- The student is enriched with required clinical skills during their clinical posting in the wards and clinics.
- The adequate knowledge is gained by the students during didactic lectures, seminars, group discussions and by self-learning through books and ICT based modules.
- A student is made to develop positive attitude towards patients while he / she undergoes rigorous training both in the wards and clinics.
- Ample knowledge gained by the students through good teaching-learning process and practices at the institute will help the student to arrive at a right diagnosis and to practice pharmacy.

* **Problem based learning (PBL).**

- Problem based learning is a regular practice adopted by all the departments.



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- The students are made to think based on their theoretical and laboratory knowledge to arrive at a probable solution.
- This practice gives the students the capabilities of thinking and analyzing various types of cases in an analytical manner.
- * **Student assisted teaching (SAT).**

Yes, assisted teaching is well practiced at laboratory practice and for Pharma D during their posting in Hospitals.
- * **Self directed learning and skills development (SDL).**
 - The institution motivates the faculty and students for self-directed learning through ICT - enabled services.
 - DVDs, CDs, Internet facility in the department and latest books and journals are provided to faculty for self learning.
- * **Narrative based medicine.**
 - N A
- * **Medical humanities**
 - N A
- * **Drug and poison information assistance centre.**
 - Yes, the institution is running effectively a drug and poison information center, through a Mobile Van.
- * **Aurveda practices-**
 - The introduction to ayurveda system has included in the theory topics of the subject Pharmacognosy which will give a clear picture



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for the students about the ayurveda practices.

- * Yoga practices
 - Yes
- * Yoga therapy techniques
 - Yes
- * Naturopathy and its practices
 - Yes
- * Any other.
 - The institute is fortunate to have young and dynamic faculty who are well versed in the use of modern teaching methods. All the modern teaching methods are used by the faculty in all the departments.

2.3.19 Does the institution have an Electronic Medical Records facility, staffed by trained and qualified personnel? Is it used for teaching-learning process?

- Not Applicable

2.3.20 Does the institution have well documented procedures for case sheet writing, obtaining informed consent and the discharge process of the patients?

- Not Applicable

2.3.21 Does the institution produce videos of clinical cases and use them for teaching-learning processes?

- Not Applicable

2.3.22 Does the institution perform medico legal/post-mortem procedures with a



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view to train the undergraduate and post-graduate students in medico legal procedures?

- Not Applicable

2.3.23 Does the institution have drug and poison information and poison detection centres? How are these used to train the students?

- Yes, the institution is running effectively a drug and poison information center at the Hospital whereas the toxicology lab is maintained in the college premises itself. Students are posted in these students so that they can communicate to the patients with the available resources under the guidance of trained faculties.

2.3.24 Does the institution have a Pharmacovigilance / Toxicology centre /clinical pharmacy facility / drug information centre/Centre for disease surveillance and control/ Prevention through Yoga/Promotion of positive health/Well-equipped Psychology Laboratory/ Naturopathic diagnostic centre, etc.?

- Yes. The institution has pharmacovigilance, pharmaceutical research centre in which pharmacological and toxicological studies are carried out on animals. Institution also has a well maintained animal house.

2.3.25 Laboratories / Diagnostics

* How is the student's learning process in the laboratories / diagnostics monitored? Provide the laboratory time table (for the different courses).

- The faculty monitors the work of the student in labs/clinics. The faculty monitors and checks at every stage of laboratory and clinical procedure. Students are given opportunity to practice individually and personal attention is paid on each student.
- The laboratory time tables for each course is designated as per the JNTUA curriculum and guidelines.



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* Student staff ratio in the laboratories / diagnostics.

2.3.26 How many procedures / clinical cases / surgeries are observed, assisted, performed with assistance and carried out independently by students in order to fulfill learning objectives?

- Not Applicable

2.3.27 Does the institution provide patients with information on complementary and alternative systems of Medicine?

- Not Applicable

2.3.28 What are the methods used to promote teaching-learning process in the clinical setting?

- The students are divided into groups for their clinical postings and are guided by their respective faculty in preparing case sheet, patient history taking, clinical examination and arriving at problem.

2.3.29 Do students maintain log books of their teaching-learning activities?

- Yes. The students do maintain log books of their work done based on the requirement of PCI. The log books are predominantly for their laboratory work done and number of entries is based on the requirements of PCI. The student log books are regularly checked and signed by the HOD of concerned department. The log books are also checked during practical examination for awarding marks.

2.3.30 Is there a structured mechanism for post graduate teaching-learning process?

- Yes. PG teaching and learning process is strictly followed as per the PCI and the JNTUA guidelines. The prescribed curriculum is taught by the interactive learning process in lectures organized.



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- PG teaching modules are structured and the progress and work of each student in all aspects is monitored and evaluated on regular basis.

2.3.31 Provide the following details about each of the teaching programs:

*Number of didactic lectures

B. Pharmacy Lecture Hours Per week

I -B.Pharm	II.B.Pharm	III.B.Pharm	IV.B.Pharm
HAP -03	POC-II -03	Med Che. -03	IBA-03
P.Cog 02	P.Micro -03	P. Cology -03	P.Tech -03
P.Ceu- 02	Physical Pha-03	P.Cog and P.Che 03	Ind.Pcog-02
PIC-03	Biochem -03	P. Engg-03	P.Col and Toxi -03
POC-I -03	Pathophy-03	P.Juris -02	Med. Che II -03
			AIP /PKTDM -02
			Market/Clini-02

Pharm D Lecture Hours per week

I Pharm D	II Pharm D	III Pharm D	IV Pharm D	V Pharm D
HAP -03	Patho Phy -03	Ph cology 2 -03	Theropetics -3 -03	Clinical Research -03
Phamaceutics -02	Ph- Micro Biology -03	Ph Analysis -03	Hospital pharmacy -02	PH Epidemiology-03
Medicinal Biochemistry -06	Ph Cog -06 3	Theropatics -2 -03	Clinical PH 03	Clinical PH Kinetics 02



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POC -03	Ph cology 1 -03	PH Jurispudance - 02	Bio Statistics -02	
PIC - 05	Community Pharmacy - 02	Medi Chemistry - 03	BPPK - 03	
R Maths -03	PHT - 03	PH Formulations -02	Clinical Taxicology - 02	
R Biology -03				

M. Pharmacy Lecture Hours per week

Dept. of Pharmaciology

I - I SEMISTER	I II SEMISTER	II - I SEMISTER	II - II SEMISTER
MPAT - 4	Bio Ceutics - 04	Thesis work	Thesis work
Bio Stat - 04	Molecular Bio -4		
Advace PH -4	Screening Methods in PH -10		
Mini Project -03	Mini Project - 02		

Department of PH Analysis

I - I SEMISTER	I II SEMISTER	II - I SEMISTER	II - II SEMISTER
MPAT - 4	Advances PH Analiticals -4	Thesis work	Thesis work
Bio Stat - 04	Ch & Bio evaluation- 04		
QC & Validation - 04	Drug Analysis - 04		
Analatical Methods -4	Formulation & Cos Analysis - 4		
Mini Project -03	Mini project -03		



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Department of Pharmaceutics & DRA

I - I SEMESTER	I II SEMESTER	II - I SEMESTER	II - II SEMESTER
MPAT - 4	BPPK - 4	Thesis work	Thesis work
Bio Stat - 04	NDDS - 4		
Advance PH & Formulation Tech - 4	Screening Methods in PH -4		
DRUG REGA1 -4	GMP & QA -04		
Mini Project -03	Mini Project - 03		

Department of Pharmaceutics

I - I SEMESTER	I II SEMESTER	II - I SEMESTER	II - II SEMESTER
MPAT - 4	Current PH aspects of Industry - 04	Thesis work	Thesis work
Bio Stat & IPR - 04	NDDS 1- 4		
Advance PH & Formulation Tech - 10	BPPK -4		
Physical PHC -4	NDDS 2 - 04		
Mini Project -03	Mini Project - 03		

*Number of students in each batch

- Not exceeding 30 for laboratory class for B. Pharmacy & PharmD
- 10 for M Pharmacy

*Number of rotations



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- Pharm D - 3 Rotations
- B. Pharmacy & M. Pharmacy 2 Rotations
- *Details of student case study / drug study
 - More than 30 Case studies per batch of 4 per Year
- *Nursing Care Conference (NCC)
 - Not Applicable
- *Number of medical / dental procedures that the students get to see
 - Not Applicable
- *Mannequins / Simulation / skills laboratory for student teaching
 - Not Applicable
- *Number of students inside the operation rooms at a given time
 - Not Applicable
- *Average number of procedures in the ORs per week, month and year
 - Not Applicable
- *Autopsy / Post-mortem facility
 - Not Applicable

2.4 Teacher Quality

2.4.1 How does the institution plan and facilitate its faculty to meet the changing requirements of the curriculum?

- The institute plan and facilitate frequent faculty development programs and refresher courses conducted in the institute, Guest lecturers by eminent personalities, seminars and workshops provide orientation to changing technology. Attending to various conferences and seminars, browsing open resource material through internet build



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faculty capacity to updated and changing requirements of the curriculum.

2.4.2 Does the institution encourage diversity in its faculty recruitment? Provide the following details (department / school-wise).

Department	% of faculty from the same institution	% of faculty from other institutions within the State	% of faculty from institutions outside the State	% of faculty from other countries
B. Pharmacy	39	22	39	Nil
PharmaD	-	43	57	Nil
M. Pharmacy-Pharmaceutics	20	-	80	Nil
M. Pharmacy - Pharmaceutical Analysis	-	-	100	Nil
M Pharmacy-Pharmacology	0	50	50	Nil
M. Pharmacy - Drug Regulatory Affairs	0	0	100	Nil

2.4.3 How does the institution ensure that qualified faculty are appointed for new programs / emerging areas of study? How many faculty members were appointed to teach new programs during the last four years?

- The Institute appoints the qualified and experienced faculty as per the norms prescribed by the PCI and affiliating University. Required Faculty members for new programs are selected and appointed through open advertisement in national news papers and after interview by the duly constituted selection committee.



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- The following programs are added:

Sl. No	Program	Year	No. of Faculty appointed
1	M. Pharmacy - Pharmacology	2014	03
2	M. Pharmacy - Pharmaceutics - Drug Regulatory Affairs	2014	03
3	Pharma D (PB)	2014	02

- During the last 4 years 8 (Eight) new faculty members were selected and appointed of which 2 (two) were Professors, 2 (two) Associate professors and 4 (four) were Assistant Professors.

2.4.4 How many Emeritus / Adjunct Faculty / Visiting Professors are on the rolls of the institution?

- Not Applicable

2.4.5 What policies/systems are in place to academically recharge and rejuvenate teachers? (e.g. providing research grants, study leave, nomination to national/international conferences/seminars, in-service training, organizing national/international conferences etc.)

- Management promotes faculty development by granting and deputing to attend Conferences, FD programs, Workshops, Training in Research Methodology, Teaching Methodology etc.
- Study leave for in service training is provided.
- The staff is deputed to professional development programs like seminars, conferences, workshops, teacher training technology programs organized at state, national and international level by providing on duty and financial assistance.



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- Research carried out by the teachers in the Institution is totally funded by the institute through Education society.
- The institute provides financial assistance, infrastructure facilities and technical know-how for organizing conferences, symposia, FDPs etc.
- The Management encourages the faculty in every possible way to establish and develop professionally.
- The faculties who present papers participate in national / international conferences are encouraged by giving cash incentives like additional increments besides bearing their total expenditure incurred.

Faculty participation in professional development programs

Faculty participation in	2012-13	2013-14	2014-15	2015-16	2016-17
International Seminars / Conferences	0	0	0	0	0
National Seminars / Conferences / Workshops	2	2	4	2	2
FDPss	-	-	-	-	-

2.4.6 How many faculty received awards / recognitions for excellence in teaching at the state, national and international level during the last four years?

- Nil

2.4.7 How many faculty underwent professional development programs during the last four years? (add any other program if necessary)

Faculty Development Programs	Number of faculty attended
Induction programs	5



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Re-orientation programs	4
Refresher courses	0
Capacity building programs	3
Programs by regulatory / apex bodies	3

2.4.8 How often does the institution organize academic development programs (e.g.: curriculum development, teaching-learning methods, examination reforms, content / knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?

- The institute organizes training and academic development programs to the faculty. Workshops on educational technologies, focused workshops / guest lectures on emerging trend in pharmacy education are conducted regularly. These workshops aim at comprehensive faculty and curriculum development. The institute conducts regular meetings and discuss on various issues aimed at enriching the faculty on teaching - learning process.

2.4.9 Does the institution have a mechanism to retain faculty? What is the annual attrition rate among the faculty?

- Yes. It is the earnest endeavor of the institute to retain the faculty. The mechanism includes adoption of 6th pay commission pay scales of UGC / AICTE, implementation of welfare measures, promotions after completion of required service irrespective of cadre strength, promotion of research through grants, encouraging for professional development by providing travel grants etc.
- The annual attrition rate has drastically reduced from 2 to 3 percent to less than one percent.

2.4.10 Does the institution have a mechanism to encourage

* mobility of faculty between institutions /universities for



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teaching/research?

- The institute allows Faculty exchange in the form of guest lectures, organizing workshops etc.

* faculty exchange programs with national and international bodies?

- The Institute also encourages faculty to visit international institutions.

If yes, how have these schemes helped in enriching the quality of the faculty?

- Through exchange and visit to other institutions the faculty refreshes and upgrades their knowledge and skills both in teaching and research.

2.4.11 Does the institution have well defined career advancement policy for Health Science professionals? If yes, outline the policy.

- Yes. The Institute has well defined promotion policy under career advancement scheme (CAS). The faculty are promoted / re-designated immediately after fulfilling the required service and qualification norms prescribed by PCI / University.

2.4.12 How does the institution create synergies with other PG institutes for generating required number of specialists and super specialists?

- Yes, the institute creates synergies with other institutions offering PG courses in the South in the form of faculty development programs, seminars and workshops and exchange programs.

2.4.13 Does the institution conduct capacity building programs / courses in subspecialties for its faculty?

- Yes. The departments conduct conferences, workshops and regular faculty development programs imparting hands on training. These



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programs help the faculty to update recent advances in the subject and also to hone their practical skills. Institute also conducts capacity building programs like case analysis and writing, use of ICT based teaching materials, integrated assessment etc.

- Faculties are also encouraged to attend workshops, seminars and faculty development conducted by external bodies and similar institutions in the state and in the country.

2.5 Evaluation Process and Reforms

2.5.1 How does the institution ensure that all the stakeholders are aware of the evaluation processes that are in place?

The evaluation process and methodology is communicated to the students and other stake holders in the beginning itself through:

- A Student Handbook is provided to all the students at the beginning of the academic year which provides syllabus, examination schedule, and holidays besides details of evaluation.
- Both students and their parents are explained about the rules and regulations, examination pattern and evaluation process at the orientation meeting.
- Faculties are also oriented to the evaluation process during their induction after joining the institute.

2.5.2 What are the important examination reforms implemented by the institution? Cite a few examples which have positively impacted the examination system.

- Being an affiliated college, it is not possible for the institute to implement evaluation reforms by the institute.
- The JNTUA to which this college is affiliated, has introduced the following reforms during the last few years.



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- The University has introduced bar-coding in place of manual coding before valuation of the annual examination answer scripts.
- Online question paper system is introduced. The question papers are downloaded half an hour before the commencement of the examination.
- Appointment of Special Observers by the University on all the theory examination days.

The examination branch at the college ensures the effective implementation of these reforms.

2.5.3 What is the average time taken by the university for declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode adopted by the institution for the publication of examination results (e.g. website, SMS, email, etc.).

- The University normally takes 6 to 8 weeks from the last date of practical examination.
- The institute declares all the internal assessment examination results within 10 days.
- The University examination results are displayed in the University website and the institute downloads and places the same on the institutes' notice board.

2.5.4 How does the institution ensure transparency in the evaluation process?

- Transparency in the evaluation process is ensured by giving the answer scripts of internal assessment examination to the students for review. If still there is any grievance, it will be addressed through a three stage mechanism as explained under 2.5.8.

2.5.5 What are the rigorous features introduced by the university to ensure



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confidentiality in the conduct of the examinations?

- The institute's faculty maintains confidentiality while setting the question paper for the internal assessment examination. The question papers are printed one hour before the commencement of internal assessment examination.
- The rigorous features and confidentiality in conduct of examination by the University is explained in 2.5.6.

2.5.6 Does the institution have an integrated examination platform for the following processes?

- * pre-examination processes – Time table generation, hall ticket, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, online transmission of questions and marks, etc.

- The college has an integrated examination platform which consists of the following process:

a) Pre-examination process:

- During the pre-examination process the University announces the examination time table complying with the academic calendar. The students fill their application form in the institution and submit it to the University. The Hall Tickets are provided by the University to the College. The OMR answer sheets are sent by the University to the College.

- * examination process – Examination material management, logistics, etc.

- The Students are permitted to enter the Examination Hall only with the Hall Ticket. No student is allowed to enter the examination Hall 15 minutes before the examination time. For



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every 30 students one invigilator and one superintendent and one observer is appointed by the University.

- * post-examination process – Attendance capture, OMR-based exam result, auto processing, result processing, certification, etc.
- The answer scripts are collected and packed by the Chief Superintendent and the Observer. The answer bundles are sent to the university immediately after the examination by speed post.

Results: The University decodes the answer scripts and sends to different colleges for valuation. The valued answer scripts are then decoded and University declares results by keeping in its web site.

2.5.7 Has the university / institution introduced any reforms in its evaluation process?

- Peer Evaluation:
 - Apart from University final and internal examinations the college conducts monthly tests on each subject wherein peer evaluation takes place. Even in the lab practical two internals will be conducted with peer evaluation.
- Question Banks:
 - The institution on its own developed subject / paper wise question bank.

2.5.8 What is the mechanism for redressal of grievances with reference to examinations? Give details.

A three-stage grievance redressal mechanism is adopted by the institute to redress the grievances of the students with reference to internal examinations.

- **First Stage – At the concerned teacher level:** By providing to the



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students with the answer books corrected by the teacher, so as to enable the student to clear their doubts, if any.

- **Second stage - At HOD level:** In case the student is not satisfied with the concerned teacher at stage one, he/she can approach the head of the concerned department who is required to examine the case in detail and make suitable changes if warranted.
- **Third stage- At the Principal level:** In case the student is aggrieved with the decision even at the HOD level also, he / she can appeal in writing to the Principal who in turn nominates a Professor / Associate professor to look in to the grievance. The faculty so nominated, in turn, will enquire into the matter critically to do justice to the student. The outcome is explained to the student with reasons and that decision is final.

2.5.9 Does the institution have a Manual for Examinations and if yes, does it specifically take cognizance of examination malpractices by students, faculty and non-teaching staff?

- The institute on its own doesn't have any manual; however it follows University rules and regulations.
- The examination hall is under surveillance of CCTV cameras. High powered mobile jammers are also installed in the hall.
- Examinations are conducted under strict supervision with internal and external supervisors appointed by JNTUA to avoid malpractices by students.

2.5.10 What efforts have been made by the university to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division/section.

- Confidentiality is maintained of all the operations of the Controller of



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Examinations of JNTUH and all its operations are computerized.

- At the Institution level
 - CCTVs are made compulsory
 - Examination hall is equipped with computers, printers, internet connection, Xerox machine etc.
 - Appointment of observers and flying squads by the University.
 - All the answer booklets are sent on the same day duly signed by observer and Superintendent.

2.5.11 What are the efforts of the institution in the assessment of educational outcomes of its students? Give examples against the practices indicated below:

- * **Compatibility of education objectives and learning methods with assessment principles, methods and practices.**
 - The programs delivered are tailor made to match the educational objectives and teaching-learning methods. Assessment methodology is also made in accordance with the educational objectives. Since the program offered deals with well being of the human being required skill development achieved under learning objectives. As such all are well coordinated as envisaged by the institution and the University.
- * **Balance between formative and summative assessments.**
 - Formative assessment [internal assessment] will have both written and skill component. Both formative assessment and summative assessment [University exam] are well balanced to give final results.
- * **Increasing objectivity in formative assessments.**



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- Increasing objectivity in formative assessment is achieved by including various components like logbook preparation, seminar presentation, home assignments, community participation etc.
- * **Formative (theory / orals / clinical / practical) internal assessment; choice based credit system; grading / marking.**
 - Formative assessment has similar pattern to summative assessment. Formative assessments are to make the student well prepared to face the summative examination. All the components like theory / orals / practical are included depending on the subject examined and the assessment is based on marking method.
- * **Summative (theory / orals / clinical / practical).**
 - Summative examinations are conducted by JNTU, Anantapur twice in a year [March / April & September / October].
 - Two examiners will conduct practical out of which one will be internal and another will be external appointed by the University.
- * **Theory - structure and setting of question papers - Essays, long answers, shorts answers and MCQs etc. Questions bank and Key answers.**
 - The question paper contains three types of questions
 1. Objective type - fill in the blanks and MCQ
 2. Descriptive type questions
 - The institution has prepared question bank of previous years for all the subjects.
 - MCQ and Key answers are introduced.
- * **Objective Structured Clinical Examination (OSCE).**



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- Yes. The OSCE system is being followed in Pharm D.

* **Objective Structured Practical Examination (OSPE).**

- Yes. The OSPE system is being followed

2.5.12 Describe the methods of prevention of malpractice, and mention the number of cases reported and how are they dealt with?

- Malpractices in the institute is prevented by taking the following steps:
 - i. CCTV cameras are installed in the examination hall.
 - ii. No electronic gadgets like cell phones, calculators etc. are allowed inside the examination hall.
 - iii. No student is allowed to leave the examination hall during the first half an hour.
 - iv. One invigilator for 25 students.
 - v. Addition security during the examination time.
- No case of malpractice is reported in the institute so far.

2.6. Student Performance and Learning Outcomes

2.6.1 Has the institution articulated its Graduate Attributes? If so, how does it facilitate and monitor its implementation and outcome?

- The institutes' Graduate Attributes are the qualities and skills that the institute values and endeavors to support the overall development of the students. The same has articulated through the institutes' vision, mission and goals. These qualities and skills have put our students in the strategic edge in the workplace
- The institute believes that the students are its 'Brand Ambassadors' and expects that the students share the common values articulated in the vision and mission statements. The overwhelming response of the



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students during the Graduation Ceremony and on other occasions like Annual Day, etc; reiterates the Graduate attributes and their compliance.

2.6.2 Does the institution have clearly stated learning outcomes for its academic programs/departments? If yes, give details on how the students and staff are made aware of these?

- Yes. The institute has clearly stated its learning outcomes in the curriculum of each subject. The expected outcomes are made known to all the students in the beginning of the academic year by the respective faculties. All the faculties are well aware of the learning outcomes as they are involved in the teaching and learning process.

2.6.3 How are the institution's teaching-learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?

- The teaching -learning strategies for each subject is prepared, discussed and approved by the curriculum committee of each department before commencement of academic year. The learning outcomes are made clear to both the student and the faculty.
- Well structured time-table is prepared based on the curriculum and core objectives of the subject. The balance between theory and practical is made. Skill development is given weight age where ever practical learning is required.
- The learning outcomes are assessed through both formative and summative assessments methods explained at 2.5.11.

2.6.4 How does the institution ensure that the stated learning outcomes have been achieved?

- The Principal and HODs of the concerned department ensure that the teaching and learning outcomes are achieved through closely



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monitoring the performance of students in formative assessment and summative assessments. If the performance of the students is found to be poor after two internal assessments the reason for poor performance is analyzed and corrective measures are initiated. Consistent poor performers are identified as slow learners and additional coaching where ever required is arranged.

- The performance in both formative and summative assessments and the results achieved are the indicators to consider that the stated learning outcomes have been achieved.
- The results achieved during the last five years in the final year examinations are presented in the following table showcasing the learning outcomes of the institute.

Sl No	Details	2012	2013	2014	2015
1	Number Appeared	48	29	29	60
2	Distinctions	16	06	05	18
3	First Class	27	20	19	34
4	% of Pass	89	90	82	86

2014 JNTUA PHARM D COLLEGE TOPPERS



Name : P Yamini
Hallt.No : 12CQ1T0030
Rank : 1
Secured : 85.2%



Name : M Sowmya
Hallt.No : 12CQ1T0024
Rank : 2
Secured : 84.7%



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Name : M Pavan
Kumar
Hallt.No : 12CQ1T0014
Rank : 3
Secured : 82.8%



Name : N Bhanu
Hallt.No : 12CQ1T0003
Rank : 4
Secured : 82.7%



Name : B L Nissy
Haveela
Hallt.No : 12CQ1T0012
Rank : 5
Secured : 82.6%



Name : M Harika
Hallt.No : 12CQ1T0006
Rank : 6
Secured : 81.5%



Name : N Soundarya
Hallt.No : 12CQ1T0023
Rank : 7
Secured : 81.1%



Name : M C Sravan
Hallt.No : 12CQ1T0025
Rank : 8
Secured : 81%



Name : S Sirisha
Hallt.No : 12CQ1T0022
Rank : 9
Secured : 80.9%



Name : E SunilKumar
Hlt.No : 12CQ1T0026
Rank : 10
Secured : 80%

Any other information regarding Teaching-Learning and Evaluation which the institution would like to include.



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CRITERION III RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Is there an Institutional Research Committee which monitors and addresses issues related to research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

- Yes. The college has an Institutional Research Committee to monitor and address issues related to research. The Committee oversees Post graduate research activity through guidelines laid down for undertaking short- term research projects. The following is the composition of the Research Committee:

Name of the member	Designation	Position
Dr. M Niranlan Babu	Principal	Chair person
Dr. Subhashis Debnath	Vice Principal	Co- chair person
Dr. Lavanya Yaidikar	HOD- Pharmacology	Member
Dr. Badrud Duza Mohammad	HOD - Pharmaceutical Analysis	Member
Mr. M Shankar	HOD- Pharmaceutical Chemistry	Member
Mr. Pranabesh Sikdar	Pharmaceutical Chemistry	Member

Activities:

- The committee meets every Three months and on special considerations.
- Representatives from all departments are invited.



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- Projects that are planned by faculty and/or students are discussed by the committee and forwarded to the ethics committee
- Recommendations for financial assistance / grant are forwarded by the committee to the management / funding agencies for consideration.
- Organizing training programs on research methodology and guest lecturers on emerging trends in pharmacy.
- Provides assistance and logistical support for researches.
- Encourage publications in reviewed journals.

Major decisions during last year

- The committee had called for submitting proposals to the funding agencies viz; AICTE, UGC, DST, DBT etc from all the departments.
- Guidelines have been formulated for promotion of research activities.
- Proposal for establishment of Integrated Research Lab facility with all state of the art equipment at one place.
- Acted as a bridge between the researches and the ethics committee funding agencies to expedite the research process.
- Enabled the purchase of important equipment and facilitated basic infrastructure for research activities.
- Organized research methodology and biostatistics workshops for aspiring and ongoing researches.
- Recommendation for a permanent statistician in the institution.

3.1.2 Does the institution have an institutional ethics committee to monitor matters related to the ethics of inclusion of humans and animals in research?

- Yes. The institute has an ethics committee composed of



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professionals in various relevant fields like medicine, community health and social activist. The researchers are asked to indicate use of animals and such studies are sent for ethical validation. The composition of the ethics committee of the institution is as follows:

S.NO	NAME	DESIGNATION	POSITION
1	Dr. DVS Sai Gopal	Professor - Virology	Chairperson
2	Dr. M Niranjana Babu	Principal	Member Secretary
3	Dr. B Narasimhulu	Assistant Professor - Pharmacy Practice	Member
4	Dr. Dakshinamurthy	Doctor	Member
5	Dr. P Sunitha	Practicing Doctor	Member
6	Dr. K Madhava Chary	Assistant professor, Botany	Member
7	Mr. K Lakshmi Pathy	Philosopher	Member
8	Mr Chandan	Lay Person	Member
9	Mr. K Vijaya Rama Raju	Practicing Advocate	Member

Ethics Committee:

The ethics committee is constituted as per the ICMR guidelines and all the proposals involving experiments on animals are referred to the said committee.

3.1.3 What is the policy of the university to promote research in its affiliated / constituent colleges?

- The affiliating University (JNTUA) has no such policy.

3.1.4 What are the proactive mechanisms adopted by the institution to facilitate the smooth implementation of research schemes/projects?



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a. Externally funded projects (both government and private agencies):

- * advancing funds for sanctioned projects.
 - Yes. Though there are no external funding projects right now, the management has decided to extend based on the requirement and on the request of researcher to advance.
- * providing seed money.
 - Once the project is approved and sanctioned by the external funding agency, the principal investigator will be provided with seed money pending receipt of funds from sponsoring agency.
- * simplification of procedures related to sanctions / purchases to be made by the investigators.
 - Once the amount is sanctioned and credited, he/she has complete freedom to undertake their own purchases required for the project; however, all the bills are to be submitted through the Principal to the accounts for adjustments.
- * autonomy to the principal investigator/coordinator for utilizing overhead charges.
 - Complete autonomy will be given to the principal investigator for utilizing overhead charges and is accountable for the expenditure made.
- * timely release of grants.
 - Yes. Released in a timely manner once the principal investigator requests through the Principal seeking the release.
- * timely auditing.



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- An audit of all expenses related to externally funded projects is undertaken by the internal auditors of the institute.
- * **submission of utilization certificate to the funding authorities.**
- Fund utilization certificates are submitted timely to the funding authorities / agencies, as per requirement.
- * **writing proposals for funding.**
- Yes. The institute encourages and provides all required assistance in writing and submission of proposals to the funding organizations.
- * **any training given for writing proposals.**
- Yes. The institute organizes training programs where senior members in the academics are called to help and trains all faculties in preparing research proposals for external funding.

b. Institution sponsored projects:

- * **Proportion of funds dedicated for research in the annual budget.**
- Institute allocates separate budget for research in its annual budget up to 2%. However, proposals were made to increase budget allocation gradually depending upon the requirements.
- * **Availability of funding for research /training/resources.**
- The institute has its own budget dedicated for research and on scrutiny and approval by the Research Committee funds are made available to carry out the research.
- * **Availability of access to online data bases.**



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- The college subscribes to online databases through DELNET.
- Del net <http://delnet.nic.in>
- Pharmaintelligence <http://www.pharmaintelligence.org/login.php>

3.1.5 How is multidisciplinary / interdisciplinary / transdisciplinary research promoted within the institution?

* between/among different departments / and

- The institution encourages interdisciplinary / multi-disciplinary research. Once the proposals are received by the Research Committee, the committee discusses with the investigator encourages involving other faculty / departments with the project.

* collaboration with national/international institutes / industries.

- The institute has collaborative research with the following institutes:
 - Vital Pharmaceutical limited, Hyderabad
 - Cronus Research lab, Bangalore
 - Strides Acro lab limited, Bangalore
 - Milon labs, Bangalore

3.1.6 Give details of workshops/ training programs/ sensitization programs conducted by the institution to promote a research culture in the institution.

- Members of the faculty and Post Graduate students are deputed to workshop(s) on research methodology conducted by University which cover aspects of research methodology and application of quantitative techniques.



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3.1.7 How does the institution facilitate researchers of eminence to visit the campus? What is the impact of such efforts on the research activities of the institution?

- The institute provides a platform for its faculty members and students to interact with leading scientists', Pharmacists and researchers. Such senior professionals, who conduct leading-edge research, are invited to have extensive discussions and deliberations on trends and directions in scholarly activity inspiring and guiding future course of research in the college.

3.1.8 What percentage of the total budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilization.

- The college budget and percentage of the budget earmarked for research.

Financial Year	College Budget(Rs)	Research Allocation(Rs.)	%of Total Budget
2012-13	80,00,000.00	1,50,000.00	2%
2013-14	95,00,000.00	1,50,000.00	<2%
2014-15	1,00,00,000.00	2,00,000.00	2%
2015-16	1,05,00,000.00	2,10,000.00	2%

3.1.9 In its budget, does the university earmark funds for promoting research in its affiliated colleges? If yes, provide details.

- Not Applicable

3.1.10 Does the institution encourage research by awarding Postdoctoral Fellowships/Research Associateships? If yes, provide details like number of students registered, funding by the institution and other sources.



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- Nil

3.1.11 What percentage of faculty have utilized facilities like sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the institution monitor the output of these scholars?

- The facility of sabbatical leave is available to pursuit higher studies by the faculty. However, the facility is yet to be availed by the faculty. The Management is encouraging staff for higher studies and willing to sanction sabbatical leave.

3.1.12 Provide details of national and international conferences organized by the institution highlighting the names of eminent scientists/scholars who participated in these events.

Sl No	Seminar / Conference	Name of the Scholar participated	Date
1	Pharmacovigilance & Reporting of Adverse Drug Reactions	<ul style="list-style-type: none"> ○ Dr. Umamaheswara Rao, Professor, SVIMS-SPMC (W), Tirupati ○ Dr. K Vijaya Chandra Reddy, ○ Dr P S S Durga Devi 	8 th Dec 2016
2	One Day Teaching Seminar on Emerging Trends in Pharmaceutical Sciences (ETPS-2015)	<ul style="list-style-type: none"> ○ Dr.V.Ravichandran, M.Pharm, Ph.D, VELS University, Chennai. ○ Dr Jayachandra Babu, M.Pharm, Ph.D , Auburn University, Auburn, USA. ○ Dr.V Venugopal, MD, Ph.D, North 	02 MAY 2015, Saturday



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		<p>Dakota Meenakshi Medical College and Research Institute- Kanchipuram.</p> <ul style="list-style-type: none"> o Dr. S. Annadurai M.Pharm, PhD, F.I.C, Christian Medical College (CMC) Vellore. 	
3	<p>Pharmacy Practice Repeat Module Advance Learning Series - 5 (In association with IACP-Chennai and Other Pharm D Offering Colleges of Tirupati).</p>	<ul style="list-style-type: none"> o Prof Krishna Kumar, Howard University, Washington. o Prof. Sara McBane, University of California, o Prof Wendy Brown, North Dakota State University School of Pharmacy 	<p>18th December to 20th December 2014</p>
4	<p>Regional Seminar on Pharm D - Present and Future in India & Abroad.</p>	<ul style="list-style-type: none"> o Prof. Vijaya Raghavan, Bellevue Hospitals, New York, USA. o Dr. T. K Praveen, Assistant Professor, J.S.S College of Pharmacy, Ooty. 	<p>7th March, 2014</p>
5	<p>One day national seminar PATIENT SAFETY & CADD-MOLECULAR MODELING IN DRUG DESIGN (PSCMMDD-2013).</p>	<ul style="list-style-type: none"> o Dr. K. Soundararajan Garu, Professor, Dept.of Electricals & Electronics, JNTUA, Anantapur & OSD to Vice 	<p>5th April, 2013</p>



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		<ul style="list-style-type: none"> ○ chancellor, JNTU-Anathapur. ○ Dr.M. Ravi Kumar, Senior applications Scientist, Schrodinger. ○ Dr. MD. Afzal Azam, Head, Department of Pharmaceutical Chemistry, JSS College of Pharmacy, Ootacamund. ○ Mr.K.P. Arun, (Asst. Prof.), Department of Pharmacy Practice, JSS College of Pharmacy, Ootacamund. 	
6	National Seminar on EMERGING TRENDS AND CAREER OPPORTUNITIES IN PHARMACY in collaboration with IPA, Mumbai	<ul style="list-style-type: none"> ○ Prof.T. V Narayana, Chairman, IPA, Education Division, Mumbai ○ Dr. B. Durai Swamy, Department of Pharmacognosy, JSSCP, Ooty ○ Shri KS Bhatt, Vice-President(Analytical), STRIDES Arco Lab Limited, Bangalore ○ Shri Ch. Sathya Srinivas, Vice- 	28th March 2011



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		President, STRIDES Arco Lab Limited, Bangalore ○ Dr. K. Gowtham Rajan, Department of Pharmaceutics, JSSCP, Ooty. ○ Dr. KVSRRG Prasad, Institute of Pharmaceutical Technology, SPM University, Tirupati. ○ Dr. R. Nagarju, Institute of Pharmaceutical Technology, SPM University, Tirupati.	
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3.1.13 Mention the initiatives of the institution to facilitate a research culture in the below mentioned areas:

* Training in research methodology, research ethics and biostatistics.

- Both U G and P G student are trained in research methodology and biostatistics as part their curriculum.

* Development of scientific temperament.

- The institute encourages its faculty and students to attend conferences / seminars and also organizes special lectures, which facilitates and encourages research temperament among staff and students. The college provides access to scientific literature and databases—to ensure updates on current research advances and stimulate ideas and generate research and scientific temperament.

* Presence of Medical / Bio Ethics Committee.



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- Yes. The institute has its own ethical committee.
- * **Research linkages with other institutions, universities and centers of excellence. (national and international).**
 - Yes. The institute has established good linkages with national institutes and also with neighboring institutions for conducting research. The list is given below:
 - Vital Pharmaceutical limited, Hyderabad
 - Cronus Research lab, Bangalore
 - 2. Strides Acro lab limited, Bangalore
 - 3. Milon labs, Bangalore
 - 4. SIRI Pharma Genics Pvt. Ltd. Hyderabad
 - 5. GSN Pharma Pvt. Ltd, Hyderabad
- * **Research programs in Basic Sciences, Clinical, Operational Research, Epidemiology, Health Economics, etc.**
 - The institute encourages its staff and students to undertake inter-disciplinary research in basic sciences, operational research etc.
- * **Promotional avenues for multi-disciplinary, inter-disciplinary research.**
 - The institute encourages inter-disciplinary and inter-departmental research within the college.
- * **Promotional avenues for translational research.**
 - The college's vision emphasizes on community-oriented research aims at not just undertaking research as an end in itself, but with the goal of applying the findings and outcomes for the benefit of



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the public and society.

* **Instilling a culture of research among undergraduate students.**

- Students' Participation in Research is an integral component of curriculum both at Under Graduate and Post Graduate level and they are suitably rewarded for their participation in research activities.
- The under graduate students are encouraged to participate in research activities. They are also encouraged to attend seminars and workshops and provided guidance for poster preparation and presenting in state and national level conferences.

* **Publication-based promotion/incentives.**

- Based on the PCI and affiliating University requirements, the college follows publication-based promotion policy.

* **Providing travel grant for attending national/international conference and workshops.**

- Yes. The institute encourages and provides travel grant and also reimburses registration expenses to those faculty who attends and presents papers in national /international conferences / seminars. Also encourages with incentives for presenting best papers / posters.

3.1.14 Does the institution facilitate

* **R&D for capacity building and analytical skills in product development like diagnostic kits, biomedical products, etc. for the national / international market**

- No



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* Development of entrepreneur skills in health care

- As part of curriculum all the students are thought basic principles of management and also organize industrial visits to instill enterprising skills.
- The management has plans to establish EDP cell and for grants.

* Taking leadership role for stem cell research, organ transplantation and harvesting, Biotechnology, Medical Informatics, Genomics, Proteomics, Cellular and Molecular Biology, Nanoscience, etc.

- Being in rural area, there is a proposal to establish diagnostic center to cater the needs of rural people.

3.1.15 Are students encouraged to conduct any experimental research in Yoga and / or Naturopathy?

- Institute appointed a Yoga teacher to practice Yoga.

3.2 Resource Mobilization for Research

3.2.1 How many departments of the institution have been recognized for their research activities by national / international agencies (ICMR, DST, DBT, WHO, UNESCO, AYUSH, CSIR, AICTE, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.

- The institution is recognized for its research activities by Pharma institutions in the state and nearby states. The institution has well-furnished pharmaceutical research lab. The research is actively conducted in field of pharmaceutical chemistry, pharmacology, pharmaceutical analysis and pharmaceuticals. The assistance received involves procurement of chemicals and instruments for conduct of research.



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3.2.2 Provide the following details of ongoing research projects of faculty:

On going research activities

- Screening of various activities of plant extracts
- Targeted Drug Delivery System- Nanoparticles.
- **Improvement** of the solubility of BCS Class II Drugs.
- Phytochemical investigation of the medicinal plant available in Tirumala Hills.
- Analytical method development for the estimated novel / combination of drugs on pharmaceutical dosage forms.

List of Student Research Projects:

2013

S. No	Student Name (Regd No)	Title Of The Project	Research Supervisor
1.	V. Hema Faith 11CQ1S0306	Evaluation of binding efficacy of mucilage of cissus quadrangularis in tablet dosage form	Dr. Subhashis Debnath
2.	B.Ankith Kumar Reddy 11CQ1S0301	Design and development of nano emulsion of simvastatin	Dr. Subhashis Debnath
3.	P.Chandra Sekhar 11CQ1S0302	Formulation and evaluation of oral dispersible tablets of anti hypertensive drug Atenolol	Mr. S. Shahid Mohammad
4.	Ms.L.Divya 11cq1s0303	Preparation and evaluation of fluoxetine hydrochloride oral dispersible tablets	Dr.V. Lava Kumar
5.	R.Gopinath Reddy 11CQ1S0305	Formulation and invitro evaluation of famotidine tablets by liquisolid technique	Mr.V. Lava Kumar
6.	M.Jayasree 11cq1s0308	Formulation and evaluation of atracurium besylate injection	Dr. Niranjan Babu



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7.	S.Jigisha 11cq1s0309	Formulation and evaluation of mucoadhesive buccal patches containing nifedipine	Mr. Debarshi Datta
8.	C.S.S.Meghana 11cq1s0310	Design and development of an anti retroviral drug in hydrophilic matrix	Dr.Subhashis Debnath
9.	K.Naveen Kumar 11CQ1S0312	Evaluation of physico-chemical parameters and stability of quinolone class of drug in flexible infusion bag	Mr.S. Shahid Mohammad
10.	C.Phaneendra 11cq1s0314	Design , development and evaluation of stability study of vasoconstrictor class drug in parenteral dosage form	Mr.Debarshidatta
11.	S.Reshma 11cq1s0315	Formulation development and evaluation of fixed dose combination of bi-layer tablet containing anti-retroviral drugs (tenofovir of lamivudine, efaviranz 300/300/600mg)	Mr.Debarshidatta
12.	Uma Maheswar Reddy Gopalu 11CQ1S0317	Formulation and development of ophthalmic solution using a model non-steroidal anti-inflammatory drug	Dr.Niranjan Babu
13.	P.Indupriya 11cq1s0307	Cefexime loaded mucoadhesive microspheres preparation using sodium alginate as a polymer	Mr.S. Shahid Mohammad

2014

1.	P.Nagendra Kumar 12CQ1S0306	Design and development of ampicillinTRI hydrate nanoemulsion	Mr.Shahid Mohammad
2.	B.Bhaskar Naik 12CQ1S0301	Formulation and evaluation of vardenafil HCl ORAL Disintegrating tablets	Mr.Subhashis Debnath
3.	P.Jayasree 12cq1s0302	Formulation and evaluation of ondansetron hydrochloride in 5% dextrose injection in infusion bag	Mr.Suresh Muppala
4.	T.Malleswari 12cq1s0305	Formulation and evaluation of piperazine tetraphosphate and	Mr.Subhashis Debnath



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		dihydroart emisinin immediate release (320/40mg)tablets	Dr.R.Anil Kumar
5.	B.Pavan Kumar 12CQ1S0308	Formulation and evaluation of Metoprol tartrate floating microspheres	Mr.Debarshidatta
6.	G.Prasanth Kumar 12CQ1S0310	Formulation and evaluation of fast dissolving tablets of ranitidine HCl by using starch citrate as a super disintegrant	Mr.Debarshidatta
7.	V.Prudhviraaj 12cq1s0311	Formulation and evaluation of mucoadhesive buccal gel of curcumin	Mr.Subhashis Debnath
8.	P.Sree Lekha 12CQ1S0312	Formulation and evaluation of controlled released carbamazepine tablets and its comparison with market sample	Mr.Shahid Mohammed
9.	T.S.Venuprasad 12cq1s0314	IPN Microparticles for controlled drug delivery system of aceclofenac sodium	Mr.Sandeepmehetre
10	Kanthali Gayon Anudeep 12CQ1S0701	Stability indicating method development and validation of eforvirenz by rp hplc	K.Venkateswara Rao Mrs. S.Murugan
11	K.Chandrakala 12cq1s0703	Method development and validation of a sulphaacetamide sodium and its related impurities in ophthalmic solution	Dr. M. Niranjan Babu Mr.C.M. Reddy
12	R. Chandrasekhar 12cq1s0704	Method development and validation of a Fingolimod in bulk and tablet dosage form by rp hplc	Mrs.P.Vineela Ruthmadhuri
13	Shaik Mohammad Azaruddin 12CQ1S0706	Method development and validation of a Mantelukast sodium and fero frusimide HCl in bulk and tablet dosage form by rp hplc	K.Venkateswara Rao Dr. M.K. Kathiravan
14	N.Pravallika 12CQ1S0707	development and validation of a rapid liquid chromatography method for the analysis of metoclopramide injection and its related production impurities	Dr. M. Niranjan Babu Mr.C.M. Reddy



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15	K.Shobharani 12cq1s0708	Development and validation of new analytical method for the determination of some selected drugs in bulk and pharmaceutical dosage form	Mrs.P.Vineela Ruthmadhuri
16	P.Sirisha 12cq1s0709	Method development and validation of a oxybutyrin chloride in bulk and tablet dosage form by rp hplc	Mrs.S.Murugan
17	V. Sunil Kumar 12cq1s0710	Method development and validation of Tinidazole and ciprofloxacinHCl in bulk and tablet dosage form by rp hplc	Dr. M. Niranjan Babu
18	Malli Thirumala Rao 12CQ1S0711	Method development and validation of genoto-xicimpurity mesetyloxiide content in mebendazole by rp hplc	Mrs.S.Murugan P.Bala Murugan
19.	P.Kiran Kumar Babu 12cq1s0705	Method development and validation for the assay of gemcitabine HCl in formulation by rp hplc	Mrs.P.Vineela Ruthmadhuri
20.	CH.Upendra Janardhan	Method development and validation of rp hplc method for the estimation of albendazole and miclosamide in oral suspension(VET)	Dr. Sanjeev B. Jadhav Dr. M.N Iranjan Babu

2015

1.	K.Harika 13cq1s0306	Formulation and evaluation of nanoemulsion of amphotericin B	
2.	N.Gowtham 13cq1s0307	Formulation and evaluation of mucoadhesive bilayer buccal tablets of amphotericin B	Dr. Subhashis Debnath

2016

1.	Anusha Para	Formulation and evaluation of oral dissolving films of aprepitant	Dr.Suhashis Debnath
2.	M.Harikrishna 13cq1s0308	Formulation and evaluation of floating stomach specific drug delivery of famotidine.	Dr.Suhashis Debnath
3.	PV.Latha	Enhancement of solubility and	Dr.M. Bhanu



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	Keerthana 13CQ1S0310	bioavailability of formulation development of sustained release tablets	Prasad Mrs.L.Divya
4.	C.Shashank 13cq1s0314	Formulation and development of a comparison coated matrix based controlled release system for verapamil using design of experiments	Dr.Suhashis Debnath Dr.M. Bhanuprasad

3.2.3 Does the institution have an Intellectual Property Rights (IPR) Cell?

- There is a proposal to start IPR cell with the institution.

3.2.4 Has the institution taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?

- The institute encourages its Faculty to take up and file for patents. No patents have filed as of now.

3.2.5 Does the institution have any projects sponsored by the industry / corporate houses? If yes, give details such as the name of the project, funding agency and grants received.

- The departments are making constant efforts to get projects sponsored by the Industry / institutions. Few projects were submitted and sponsorship is under process.

3.2.6 List details of

- a. Research projects completed and grants received during the last four years (funded by National/International agencies).

- Nil

- b. Inter-institutional collaborative projects and grants received
 - i) National collaborations



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- Nil

ii) International collaborations

- Nil

3.2.7 What are the financial provisions made in the institution budget for supporting students' research projects?

- The institute has allocated financial provision for students' research projects. Apart from financial assistance the institution also provides infrastructure and material required for carrying out student projects.

3.3 Research Facilities

3.3.1 What efforts have been made by the institution to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?

- The Management and the institution encourages faculty and PG students to undertake research work in emerging areas.
- There is a research committee, central research laboratory, ethical committee, animal ethical committee to guide and facilitate research in various fields.
- The research committee identifies deficiencies coordinate with Management and procure required material and equipment needed.
- The following equipment procured during the last three years.

SI No	Name of the Equipment	Year
1	FTIR	2013
2	HPLC	2013



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3	UV Visible Spectrophotometer	2016
4	Tablet Punching Machine	2017
5	Bioanalyzer	2017
6	ELISA Reader	2017
7	Tablet Disintegration Test Apparatus	2017
8	Tablet Friability Test Apparatus	2017
9	Moisture Analyzer	2017
10	Tablet Hardness Tester	2017
11	Deep Freezer	2017
12	Refrigerated Centrifuge	2017

3.3.2 Does the institution have an Advanced Central Research facility? If yes, have the facilities been made available to research scholars? What is the funding allocated to the facility?

- Yes. The institution has Research facility, which is well-equipped and catering to the requirement of faculty and PGs to carry research. The institute is also have well stocked library, digital library, a major source for researchers to search literature and e-Journals in their related areas. The institute also has latest versions of software and provided with internet connectivity which are needed by researchers to carry research.

3.3.3 Does the institution have a Drug Information Centre to cater to the needs of researchers? If yes, provide details of the facility.

- The institution also has LEXICOMP drug information database to cater the needs of both researchers and Pharm.D graduates to expertise in prescribing drugs and monitoring ADR in prescriptions.

3.3.4 Does the institution provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists



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(national/international)?

- Yes. The institution provides all the required facilities (with computer and internet facilities) to research scholars and visiting scientists.

3.3.5 Does the institution have centres of national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

- No.

3.3.6 Clinical trials and research

* Are all the clinical trials registered with CTRI (Clinical Trials Research of India)?

- Not Applicable

* List a few major clinical trials conducted with their outcomes.

- Nil

3.4 Research Publications and Awards

3.4.1 Does the institution publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.

- Yes. The institute has its own publication viz; Journal of International Pharmaceutical Sciences publishing from 2014 as an official publication of Seven Hills College of Pharmacy.

The composition of editorial board is as follows:

Dr. M Niranjan Babu M. Pharma, PhD	Principal	Chief Editor
1. Dr. MD. Afzal Azam, M. Pharm, Ph.D	Editorial Board	



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2. Dr. Jayachandra Babu Ramapuram, M. Pharm, Ph. D 3. Dr. B. Duraiswamy, M. Pharm, Ph. D 4. Dr. S. N. Meyyanathan, M. Pharm, Ph. D 5. Dr. K. Gowthamarajan, M. Pharm, Ph. D	
1. Dr. M. D. Karvekar, M. Pharm, Ph. D 2. Dr. V. Ravichandiran, M. Pharm, Ph. D 3. Mr. CH. Sathyasrinivas, M. Pharm. 4. Dr. K. Kathiravan, M. Pharm, Ph. D 5. Dr. Prasanna Kumar Kar, M. Pharm, Ph. D 6. Mr. M. Shankar, M. Pharm(Ph.D), MBA	Advisory Board

- Journal of International Pharmaceutical Sciences (JIPS) is a Peer-reviewed, Quarterly, International, Online journal. The main aim of Journal of International Pharmaceutical Sciences (JIPS) is to provide a scientific platform for pharmacists beyond borders to communicate and to promote pharmaceutical research for the establishment of a healthy society. JIPS publishes preliminary research paper, rapid communication, research paper, review article, case report, letter to editor, theoretical article and general article that contribute extensively for the advancement of either theoretical knowledge or practical knowledge in the field of pharmacy.

3.4.2 Give details of publications by the faculty and students:

Sl. No	Name Of The Faculty	No. Of Papers Published	No. Listed In Pubmed
1	Dr. Subhashis Debnath	38	14



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2	Dr. Lavanya Yaidikar	10	5
3	Dr. Badrud Duza Mohammad	17	11
4	Dr. Priyanka	11	8
5	Mr. Pranabesh Sikdar	7	4
6	Mr. M. Shankar	44	14
7	Mr. Sourav De	7	4
8	Mrs. D. Lavanya	7	3
9	Mr. Subhankar Saha	3	1
10	Ms. L. Divya	6	2
11	Mr. Mallikarjuna Gandla	6	3
12	Ms. D Swetha	2	1
13	Mr. Venkatesan R	4	2
14	Mr. Vadamala Prudhviraj	4	2
15	Ms. Harika K	2	1
16	Ms. Charumathi Salva	1	1
17	Mr. Koushik Sen Gupta	6	3
18	Mr. B Narasimhulu	1	0
19	Mr. Venkatesan R	4	2
20	Ms. Rihana Begum Patnool	2	1
21	Ms. K Swetha	2	0
22	Mr. Subhankar Saha	4	-
23	Mrs. Ch. Manga Devi	1	-
24	Mrs. Lakshmipathi Divya	6	-
25	Dr. Vijaykanth M S	22	15
26	Mr. Raja Sekhar Penumali	6	4
27	Mr. Niranjan Babu Mudduluru	40	-



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28	Mr. Debarshi Datta	4	-
29	Mr. V. Prudhvi raj	4	-
	TOTAL	277	104

- * Monographs - Nil
- * Chapters in Books - Nil
- * Books edited - Nil
- * Books with ISBN with details of publishers- THREE
 - Study of few Poly substituted piperidine analysis- ISBN 978-3-844-0497-1
 - Dr. Subhasish Debnath – Control Dru delivery system for better patient complaints , Lambard Academy publisher, ISBN 978-3-659-88594-5
 - Mr. Sourav De, Study of few tetralone analog, Lambard Academy publisher, ISBN 978-3-659-87740-7
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, EBSCO host, Google scholar, etc.)-
 - Nil
- * Citation Index - range / average - Not Available
- * Impact Factor - range / average -
 - 0.04 TO 3.63
- * Source Normalized Impact per Paper (SNIP)- Not Available
- * SCImago Journal Rank (SJR)- Not Available
- * h-index- Not Available

3.4.3 Does the institution publish any reports/compilations/clinical round-ups as a part of clinical research to enrich knowledge, skills and attitudes?



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- Yes. The institute publishes clinical round ups and all the compilations in its in house journal called Journal of International Pharmaceutical Science.

3.4.4 Give details of

- * faculty serving on the editorial boards of national and international journals

Faculty	Position	Journal / Committee
DR. Subhashis Debnath	Member	Indian Association of College of Pharmacy - 99
	Editorial board	Research Journal Pharmaceutical Technology
M. Shankar	Member	Association of Pharmaceutical Teachers of India -AP/LM-840
	Advisory board	www.uptodateresearchpublication.com
	Editorial board	Journal of international pharmaceutical sciences
Dr. Mohammad Badrud Duza	Member	Indian Pharmaceutical Association Association of Pharmaceutical Teachers of India Indian Pharmacy Graduates Association Indian Science Congress Association International Pharmacy Federation (FIP) Association of Biotechnology and Pharmacy
	Editorial board	Indian Journal of Research in Pharmacy and Biotechnology

- * faculty serving as members of steering committees of national and international conferences recognized by reputed organizations /



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societies

- Nil

3.4.5 Provide details for the last four years

* research awards received by the faculty and students

Awards Received by Faculty

- Best Teacher Award: Dr. Subhashis Debnath, Smt. Mudduluru Jayalakshmi Memorial Award
- Presented Talk: Dr. Subhashis Debnath at J S S College of Pharmacy, Ooty.

Awards Received by Students

- “Invasive Techniques used in the treatment of Cardiac Arrhythmias” Best Poster presentation Award for Ms. M N L Aishwarya, III B. Pharmacy Student, Padmavathi mahila University, 2016
- Best Poster Presentation Award -
T. Charan Teja, 2016, Student of Vth Year PharmD, RIPER, Anantapur, 3rd Prize.

* national and international recognition received by the faculty from reputed professional bodies and agencies

- Nil

3.4.6 Indicate the average number of post graduate and doctoral scholars guided by each faculty during the last four years.

Department Of Pharmaceutics



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Year	Name of the Faculty	Number of PGs Guided
2013	Dr. M Niranjan Babu	1
	Dr. Subhashis Debnath	5
	Dr. V Lava Kumar	2
	Mr. Debarshi Datta	3
	Mr. S Shahid Mohammad	2
2014	Dr. Subhashis Debnath	2
	Mr. Debarshi Datta	3
	Mr. S Shahid Mohammad	2
	Mr. Sandeep Mehtre	1
	Mr. Suresh Muppala	1
2015	Dr. Subhashis Debnath	2
2016	Dr. Subhashis Debnath	3
	Mrs. L Divya	1

Department Of Pharmaceutical Analysis

2014	Dr. M Niranjan Babu	4
	Dr. M K Kathiravan	2
	MR. S.S.MURUGAN	3
	Mrs. P Vineela Ruthmadhuri	3
2016	Dr. Mohammad Badrud Duza	4

Department Of Pharmacology

2016	Dr. Y Lavanya	2
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3.4.7 What is the official policy of the institution to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.

- The research committee and the Editorial board reviews and check mal practice and plagiarism if any before it approves. No such case is reported so far.

3.4.8 Does the institution promote multi/interdisciplinary research? If yes, how many such research projects have been undertaken and mention the number of departments involved in such endeavors?

- Yes. The institute promotes and encourages multi / interdisciplinary research between the departments and institutions.
- Most of the PG desertation works are carried out with inter departmental involment.

3.4.9 Has the university instituted any research awards? If yes, list the awards.

- Not Applicable

3.4.10 What are the incentives given to the faculty and students for receiving state, national and international recognition for research contributions?

- As per the policy of the management, all faculty and students are given recognition and suitable incentives for receiving state, national and international recognition for research contributions. Provision is made for felicitation of students and staff achievers during the graduation / annual day celebrations.

3.4.11 Give details of the postgraduate and research guides of the institution during the last four years.

- All heads of the departments, Professors and Associate Professors are eligible to guide PG students. The list of eligible guides are given below:



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Name of the Department : Department of Pharmaceutics			
S.No	Name Of the PG Student	Name Of The Guide	Year
1	V.Hema Faith	Dr. Subhashis Debnath	2013
2	Uma Maheswar Reddy Gopalu	Dr. M Niranjan Babu	
3	M.Jayasree	Dr. Subhashis Debnath	
4	B.Ankith Kumar Reddy	Dr. Subhashis Debnath	
5	C.S.S.Meghana	Dr. Subhashis Debnath	
6	N.R.Sramika	Dr. Subhashis Debnath	
7	Ms.L.Divya	Dr. V Lava Kumar	
8	R.Gopinath Reddy	Dr. V Lava Kumar	
9	S.Jigisha	Mr. Debarshidatta	
10	C.Phaneendra	Mr. Debarshidatta	
11	S.Reshma	Mr. Debarshidatta	
12	P.Indupriya	Mr. S Shahid Mohammad	
13	P.Chandra Sekhar	Mr. S Shahid Mohammad	
14	B.Bhaskar Naik	Dr. Subhashis Debnath	
15	T.Malleswari	Dr. Subhashis Debnath	
16	B.Pavan Kumar	Mr. Debarshidatta	
17	G.Prasanth Kumar	Mr. Debarshidatta	
18	V.Prudhviraaj	Mr. Debarshidatta	
19	P.Nagendra Kumar	Mr. S Shahid Mohammad	
20	P.Sree Lekha	Mr. S Shahid Mohammad	
21	T.S.Venuprasad	Mr. Sandeep Mehtre	
22	P.Jayasree	Mr. Suresh Muppala	2015
23	K.Harika	Dr. Subhashis Debnath	
24	N.Gowtham	Dr. Subhashis Debnath	
25	Anusha Para	Dr. Subhashis Debnath	2016
26	M.Harikrishna	Dr. Subhashis Debnath	
27	Pv.Latha Keerthana	Mrs. L Divya	
28	C.Shashank	Dr. Subhashis Debnath	

Name of the Department : Pharmaceutical Analysis			
S.No	Name Of The PG Student	Name Of The Guide	Year
1	Kanthali Gayon Anudeep	Mr. S S Murugan	2014
2	Shaik Mohammad Azaruddin	Dr. M K Kathiravan	
3	G. Bharath Kumar Goud	Dr. M K Kathiravan	



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4	K.Chandrakala	Dr. M Niranjan Babu	
5	N.Pravallika	Dr. M Niranjan Babu	
6	V. Sunil Kumar	Dr. M Niranjan Babu	
7	Ch.Upendra Janardhan -	Dr. M Niranjan Babu	
8	P.Sirisha	Mr. S.S.Murugan	
9	Malli Thirumala Rao	Mr. S.S.Murugan	
10	R. Chandrasekhar	Mrs. P Vineela Ruthmadhuri	
11	K.Shobharani	Mrs. P Vineela Ruthmadhuri	
12	P.Kiran Kumar Babu	Mrs. P Vineela Ruthmadhuri	
13	K. Siva Prasad	Dr. Mohammad Badrud Duza	
14	V. Yogeeshwara Rao	Dr. Mohammad Badrud Duza	
15	N. Rajesh Kumar	Dr. Mohammad Badrud Duza	
16	K. Hemachandar	Dr. Mohammad Badrud Duza	

Name of the Department : Department of Pharmacology			
S.No	Name Of The Student	Name Of The Guide	Year
1	G Ashwini	Dr. Y Lavanya	2016
2	M Madhavi	Dr. Y Lavanya	

3.5 Consultancy

3.5.1 What are the official policy/ rules of the institution for structured consultancy? List a few important consultancies undertaken by the institution during the last four years.

- The institution and the management encourages its faculty to undertake consultancy research projects.
- Being predominantly a Pharmacy Education and Research institution



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specialists provide consultancy in their own specialty contributing the overall well being of the population of this region.

- The institute has MOUs with following organization to provide consultancy services in the area pharmaceutical sciences.
 - Vital Pharmaceutical limited, Hyderabad
 - Cronus Research lab, Bangalore
 - Strides Acro lab limited, Bangalore
 - Milon labs, Bangalore

3.5.2 Does the university have an industry institution partnership cell? If yes, what is its scope and range of activities?

- Yes, IIPC cell headed by Principal works closely with industries.

3.5.3 What is the mode of publicizing the expertise of the institution for consultancy services? Which are the departments from whom consultancy has been sought?

- The institute maintains good rapport with local institutions and industries as the Principal is also from the same background and promotes research.
- The expertise and specialization of the faculty for the consultancy services are publicized in the college website and also through brochures.

3.5.4 How does the institution utilize the expertise of its faculty with regard to consultancy services?

- The institution identifies the expertise and assign consultancy projects to the faculty. The institute also utilizes their expertise in providing extension services for the rural population.



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3.5.5 Give details regarding the consultancy services provided by the institution for secondary and tertiary health care centers and medical / dental practitioners.

- Drug information services to attach Hospital and to near by Institutions.

3.5.6 List the broad areas of consultancy services provided by the institution and the revenue generated during the last four years.

- At present the institution is providing free consultation services only to the needy and to the nearby organisations.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the institution sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programs which have created an impact on students' campus experience during the last four years.

- The Institution promotes social responsibilities and citizenship roles among the students with continuous interface with the community through NSS programs and extension activities.
- The Institution makes all the faculty and students to understand the importance of providing their services in rural areas. The institute has a equipped Ambulance van for conducting regular extension activities. The Institution takes up several co curricular and extension programs to promote social responsibility among the students such as:
 - Anti - tobacco campaign
 - Campaigning on health & hygiene
 - AIDS awareness programs
 - Pulse polio immunization programs
 - Cash less transaction campaign
 - Swach Bharat complain



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- Medical health camps in rural areas

3.6.2 How does the institution promote university-neighborhood network and student engagement, contributing to the holistic development of students and sustained community development?

- The Institute promotes institution-neighborhood network by taking initiative, responding to the local health and social needs of the community. The institute balances the network by giving due weightage to each of the requirement by providing the resources in the form of expert services and infrastructure support if required.
- The Institute has an excellent rapport with the neighborhood. Institute also has very good networking with community stakeholders like Gram Panchayat, Community Based Organizations, NGOs and Community Leaders. All the activities are organized in consultation and with active participation of community for “Sustained Development”.
- This institution-neighborhood network helps:
 - Students, teachers & community to share ideas, knowledge, resources and experiences to create healthier communities.
 - Community and teacher interaction, which provides opportunity for the student to learn various methods in research and development of knowledge.
 - Providing opportunity to utilize community as a source of teaching -learning material for faculty and students.

3.6.3 How does the institution promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International programs?

- The Institution ensures participation of all the students and faculty in extension activities through the following strategies.



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- The institution has NSS unit which actively involves in programs like social work, health and hygiene awareness, AIDs awareness, environmental awareness campaigns etc.
- As part of co-curricular and extracurricular activities of the students, the institution organizes the following extension activities in rural areas.
 - ✓ Sensitizing the community on health and health awareness promotion activities.
 - ✓ Adoption of villages for sustainable and holistic development.
 - ✓ Awareness programs on all national health programs.
 - ✓ Educating rural people about health hazards of alcoholism, tobacco chewing, smoking, AIDs etc.

3.6.4 Give details of social surveys, research or extension work, if any, undertaken by the institution to ensure social justice and empower the underprivileged and the most vulnerable sections of society?

- The vision, mission and the goals that the Institute has set forth and is pursuing to serve the cause of social justice, and increasing access to pharmacy education to rural youth. As this institution is located in a rural area with predominantly agricultural farmers and labor. As such the institute has undertaken number of extension work and extension services in these villages.
- To serve the people of this region the institute has
 1. An ambulance van
 2. Conducts village health camps
 3. Undertakes Village development activities
 4. Blood Donation Camps



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5. Health Education camps

3.6.5 Does the institution have a mechanism to track the students' involvement in various social movements / activities that promote citizenship roles?

- Yes. The college not only encourages its students to participate but also tracks its students' involvement in various social movements / activities that promote citizenship roles. The NSS coordinator of the institute monitors participation of students and report to the Principal from time to time.

3.6.6 How does the institution ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the institution that have encouraged community participation in its activities.

- The college promotes extension activities by way of conducting camps in the villages.
- The NSS Coordinator of the Institute contact the local leaders and officials and non- officials of the village and involve them in all the programs conducted.
- The Head Masters of schools are involved in awareness camps and in mobilizing people.
- Rotary clubs, Lions Clubs of local area are also involved in all the programs conducted.
- There is a close coordination in the extension services between the local community and the institution.
- Need based extension services like screening camps, health hygiene and health education and orientation programs are conducted on regular basis.



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3.6.7 Give details of awards received by the institution for extension activities and/contributions to social/community development during the last four years.

- The extension activities of the institution have been appreciated by District / local administration and other non-governmental organizations in this area.

3.6.8 What intervention strategies have been adopted by the institution to promote the overall development of students from rural/ tribal backgrounds?

- The institute itself is located in a rural area surrounded by backward villages with special focus to serve the rural population in the true spirit of its 'Vision' and 'Mission' statements.
- For the overall development of the students from rural background, initially orientation programs and bridge courses are conducted to solve their initial adjustment problems and fear psychosis.
- Regular counseling is done encouraging and instilling confidence in them signifying importance of his / her education in the family.
- Facilities like scholarship, free ships etc are provided.
- The institution bestows special attention by providing extra coaching.

3.6.9 What initiatives have been taken by the institution to promote social-justice and good citizenship amongst its students and staff? How have such initiatives reached out to the community?

- The institution has taken initiatives and conducts various programs to promote social-justice and good citizenship role among the students and staff.
 - ❖ Institute organizes induction and orientation classes at the beginning of the course.



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- ❖ Anti ragging committee to prevent discrimination among students.
- ❖ Grievance redressal committee to solve any grievance of the student.
- ❖ Sexual harassment committee to look into women issues.
- ❖ Mentor system to guide and monitor over all progress of the student.

3.6.10 How does the institution align itself with the annual themes/programs of WHO/ICMR?

- The institute is aligned itself with annual themes and programs of WHO and ICMR by observing health days. Keeping WHO “Health Goal for 2020” the college has a policy of conducting health education programs to the rural population.

3.6.11 What is the role of the institution in the following extension activities?

- * Community outreach health programs for prevention, detection, screening, management of diseases and rehabilitation by cost effective interventions.
- The institute organizes various community outreach activities include prevention, screening, management of diseases and rehabilitation by cost effective interventions.
 - Prevention– Extension activities of the college involve health education and promotion using traditional teaching-learning aids as well as audio visual aids and overhead projection.
 - Screening–The college undertakes screening of rural population in the villages.



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- Management and Rehabilitation–The extension services include conducting health camps and to refers wherever specialist treatment is required to the Govt. hospital for treatment.
- * Awareness creation regarding potable water supply, sanitation and nutrition.
 - Sanitation, potable drinking water and nutrition are the three most essential determinants of health of the people. Regular extension activities like Health Awareness Programs by the college contribute in a major way in creating awareness regarding potable drinking water supply, sanitation and nutrition.
- * Awareness creation regarding water-borne and air-borne communicable diseases.
 - Awareness creation about water-borne and air-borne communicable diseases is also part of extension activities of the College.
- * Awareness creation regarding non-communicable diseases - cardiovascular diseases, diabetes, cancer, mental health, accident and trauma, etc.
 - The institute regularly conducts extension activities like Health Awareness Programs, Observance of National Health Days like world Heart Day, Anti tobacco day etc, contribute in a major way in creating awareness regarding cardiovascular diseases, cancer etc.
- * Awareness creation regarding the role of healthy life styles and physical exercise for promotion of health and prevention of diseases.
 - The extension programs conducted by the institute create awareness on the effects of tobacco and cancer, proper water supply and nutrition imbibe a sense of the importance of healthy lifestyles with the potential to prevent disease.



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- * Awareness creation regarding AYUSH Systems of medicines in general and / or any system of medicine in particular.
 - Nil
- * Complementary and alternative medicine.
 - Nil
- * Pharmaco economic evaluation in drug utilization.
 - The institute as a policy recommends generic drugs to the patients
- * Participation in national programs like Family Welfare, Mother and Child Welfare, Population Control, Immunization, HIVAIDS, Blindness control, Malaria, Tuberculosis, School Health, anti tobacco campaigns, oral health care, etc.
 - As described in previous paragraphs, the college organizes several outreach programs each year along with District Medical and Health Officials. The students and staff observes all the national health days viz; World AIDS Day, World Health Day, No tobacco Day, Anti TB Day, Oral Hygiene week, Blood Donation Day etc.
- * Promotion of mental health and prevention of substance abuse.
 - The extension activities of the institute contribute towards mental health and prevention of substance abuse.
- * Adoption of population in the geographical area for total health care.
 - The institution has adopted Venkata Ramapuram village for rendering total health care to the population in the village.
- * Research or extension work to reach out to marginalized populations.



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- As mentioned in para 3.6.4 the institute regularly undertake extension work to reach out to weaker and marginalized population of the society.

3.6.12 Do the faculty members participate in community health awareness programs? If yes, give details.

- Yes. All the Faculty members of the institute do participate actively in the community health awareness programs, as illustrated in 3.6.1 through 3.6.6, 3.6.9, and 3.6.11.

3.6.13 How does the institution align itself and participate in National program for prevention and control of diseases?

- As described in 3.6.11, most of the programs organized by the college are in alignment with national programs for prevention and control of diseases.

3.7 Collaborations

3.7.1 How has the institution's collaboration with other agencies impacted the visibility, identity and diversity of campus activities? To what extent has the institution benefitted academically and financially because of collaborations?

- The institute and the Management maintains good rapport with the organizations / institutes and agencies in this region. As an impact of this the faculty and PG students are able to undertake collaborative work with these institutions.
- The college also has collaborative extension activities with local bodies and the community. The college networks with NGOs in the district (e.g., Rotary Club, Lion's Club, etc.) and caters to neighborhood spanning a radius of 50 to 60 kms. This enhances the extension activities of the college, and facilitates taking health care to remote and underserved locations, further improving the visibility and identity of the college in



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such areas.

3.7.2 Mention specific examples of how these linkages promote

* Curriculum development

- The Pharmacy Council of India and the Affiliating University design and develop curriculum for both UG and PG courses. The institute has a curriculum committee which offer suggestions based on the class room experience and industry requirement.

* Internship

- Except for Pharm - D for other UG and PG courses the internship is not there.

* On-the-job training

- Linkages with neighboring institutes of repute and neighboring communities improve the competencies of newly appointed faculty both in research and teaching-learning.

* Faculty exchange and development

- Not Applicable.

* Research

- Collaboration with local agencies for conducting outreach programs resulted in exposure of variety of health problems leading to opening of tremendous scope for research on contemporary health issues.

* Publication

- Collaborations with academic institutions have yielded quality



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research, which culminated in publications.

* Consultancy

- * Collaboration made the institute visible the expertise available in the institution. This helps further expand the scope for consultancy services.

* Extension

- The college's collaboration with local government, NGOs and local bodies facilitates continued extension activities in and around the college.

* Student placement

- The collaborations have enabled students and faculty members to interact and develop contacts with personnel from diverse fields. This has made it possible for graduates to obtain placement within and outside state, either through direct contact or through referrals from the faculty.

* Any other (specify)

3.7.3 Has the institution signed MoUs or filed patents with institutions of national/international importance/other universities/ industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the institution?

- No

3.7.4 Have the institution-industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

- Yes. Newly established Integrated Research Lab is the result of such initiatives.



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3.7.5 Give details of the collaborative activities of the institution with the following:

- * Local bodies/ community
 - Extension and outreach programs are conducted in collaboration with local bodies / village communities resulted in general health awareness among the people..
- * State government / Central government /NGOs
 - Institute participates in National health programs along with District and state government departments.
- * National bodies - Nil
- * International agencies - Nil
- * Health Care Industry - Biomedical, Pharmaceutical, Herbal, Clinical Research Organization (CRO) - Nil
- * Service sector - Nil
- * Any other (specify)

3.7.6 Give details of the activities of the institution under public-private partnership.

- Nil

Any other information regarding Research, Consultancy and Extension, which the institution would like to include.



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CRITERION IV INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 How does the institution plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

- Seven Hills College of Pharmacy is situated on sprawling 2.68 acres campus in rural Tirupathi at Venkatramapuram Village, Chittoor District, Andhra Pradesh.
- The Management always ensures availability of physical infrastructure as specified by PCI and affiliating University and ensures optimum utilization of infrastructure by meticulously planning the usage of all its facilities for the benefit of all the students and staff.
- To ensure optimum utilization of physical facilities, several steps have been taken viz; by allocating differed time slots for ICT lab and library etc. Regular auditing is undertaken regarding the usage of facilities.

4.1.2 Does the institution have a policy for the creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

- Yes. The institute has a clear policy for the creation and enhancement of required infrastructure in order to promote a good teaching -learning environment.
- The College has upgraded the auditorium with more seating capacity for conducting conferences, seminars, workshops, presentations, college cultural programs etc.
- The investment and infrastructure added to the existing facility is as follows:



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Sl No	Facility Created	Amount Spent (Rs.)
1	E Class Rooms - 13 Nos	5,31,141.00
2	Pharmacy Related Soft ware	85,000.00
3	Upgrading Class Rooms	3,50,000.00
4	Animal House	5,00,000.00
5.	Seminar Hall & Auditorium	7,50,000.00

4.1.3 Has the institution provided all its departments with facilities like office room, common room and separate rest rooms for women students and staff?

- Yes. The college provided all its departments with all facilities like well furnished office room, common room and separate rest rooms for women students and staff.

4.1.4 How does the institution ensure that the infrastructure facilities are barrier free for providing easy access to college and hospital for the differently-abled persons?

- The institute doesn't have admissions of differently-abled persons so far. However, provision of Lift is planned in the college and ramp facility for differently-abled students is provided at the College.

4.1.5 What special facilities are available on campus to promote students' interest in sports and cultural events/activities?

- The college has sprawling campus with ample space for number of sports like cricket, basket ball, football, volley ball through ball and badminton and indoor game facilities.
- In the campus, auditorium is available for promoting cultural events / activities.
- Sports and cultural committee to organize events.



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4.1.6 What measures does the institution take to ensure campus safety and security?

- The institution has security arrangement with adequate security staff in the campus, working in shifts to ensure campus safety and security and they also monitor the entry and exit of personnel.
- The campus is under CCTV cameras surveillance and is monitored regularly.

4.1.7 Facility of Animal House

* Is animal house maintained as per CPCSEA guidelines?

- Yes. Animal House is maintained as per the CPCSEA guidelines. The Animal House certification is under process.

* Whether records of animal house are maintained for learning and research activities?

- Yes, all the records are maintained.

* Does the animal house have approval for breeding and selling experimental animals as per CPCSEA guidelines?

- No. Animals are procured based on the requirement from the certified agencies.

4.1.8 Provide the following details on the use of laboratories / museums as learning resources:

* Number

- 13 laboratories and 3 museums (one general museum and two Drug formulation museums) are used by UG, PG and Pharma - D students as part of their curriculum.



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- One - Research laboratory.
- * **Maintenance and up-gradation**
 - All the laboratories are well maintained and upgraded periodically. All laboratories have lab technicians and attendees.
- * **Descriptive catalogues in museums**
 - Available with the specimens. Institutional museum (general) is divided into four distinct zones:
 - ✓ **Zone I:** Physiology and Pharmacology zone consists of skeleton and pre-treated mounted slides of different tissues and organs with their proper descriptions.
 - ✓ **Zone II:** Crude herbal products and herbariums are displayed in the Pharmacognosy zone with their detailed descriptions.
 - ✓ **Zone III:** Crude drugs, different types of dosage forms and different machines with their working principles are displayed in the Pharmaceutics zone.
 - ✓ **Zone IV:** Pharmaceutical chemistry zone consists of different 3D structures of molecules with their detailed synthesis pathways.
- * **Usage of the above by the UG/PG students**
 - Laboratories / museums are used by all the pharmacy students according to the curriculum requirement where students can acquire knowledge by visual observation.

4.1.9 Dentistry

- * Dental chairs in clinic – specialty wise
- * Total dental chairs
- * Schedule of chair side teaching in clinics – specialty wise



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- * Number of procedures in clinics per month and year
- * Mobile dental care unit
- * Facilities for dental and maxillofacial procedures
- * Dental laboratories
 - Not Applicable

4.1.10 Pharmacy

- * **Pharmaceutical Science Laboratories**
 - Fully equipped and updated laboratories as per the norms of PCI and affiliated University.
 - Total no of Laboratories: 14
 - ✓ Pharmaceutics Laboratory: 4 + 1 (Machine room)
 - ✓ Pharmacognosy Laboratory: 1
 - ✓ Pharmacology Laboratory: 2
 - ✓ Pharmaceutical chemistry Laboratory: 2
 - ✓ Pharmaceutical Microbiology Laboratory: 1
 - ✓ Pharmaceutical Analysis Laboratory: 1
 - ✓ Computer Laboratory: 1
 - ✓ Research Laboratory under construction: 1
- * **Museum for drug formulations**
 - Yes. Available (02)
- * **Machine room**
 - State of the art machines with the following machines
 - ✓ Ball mill - 1
 - ✓ Blender - 1



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- ✓ Tray dryer - 1
 - ✓ Rotary tablet compression machine - 2
 - ✓ Tablet coater or Pan coater - 1
 - ✓ Hard gelatin capsule filling machine - 1
 - ✓ Liquid filling machine - 1
 - ✓ Ampoule filling and sealing machine - 1
 - ✓ Clarity chamber - 1
 - ✓ Bottle and vial washing machine - 1
 - ✓ Ointment filling machine - 1
 - ✓ Digital balance - 1
- * **Herbarium / crude drug museum**
- Periodically updated crude drug museum maintained by Pharmacognosy department.
- * **Balance room**
- Each laboratory is provided with digital balance.
- * **Chemical store**
- The Central chemical stores cater to the needs of all laboratories of the institute. All the required precautions are taken for storage and disbursement. Central store maintains all records and provides to the departments as and when required.
- * **Instrumentation facilities**
- Available with state of the art instruments as mentioned at 4.1.16.
- * **Pilot plant**
- Under consideration.



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* Computer aided laboratory

- Sophisticated instruments such as HPLC, GC, FT IR, UV - Visible spectrophotometer etc. are connected with computer for analyzing the sample were placed in the Pharmaceutical Analysis Laboratory.
- Computer aided drug designing is carried out in a separate computer with high speed internet facility in the Computer Laboratory.

4.1.11 Yoga and Naturopathy

- * Demonstration hall with teaching facility to cater to the needs of the students.
- * Diet Service Management Department
- * Yoga cum multipurpose hall for meditation and prayer
- * Solarium compatible for multimedia presentation
- * Mud Storage Unit
- * Outdoor Facilities - Walking track with reflexology segment.
- * Swimming Pool
- * Naturopathy blocks
- Not Applicable

4.1.12 Homoeopathy

- * Museum and demonstration room (Homoeopathic Pharmacy Laboratory, Pathology Laboratory, Community Medicine, Homoeopathic Materia Medica, Organon of Medicine including History of Medicine)
- * Repertory with Computer Laboratory and Demonstration Room
- Not Applicable

4.1.13 Nursing

- * Nursing Foundation Laboratory



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- * Medical Surgical Laboratory
- * Community Health Nursing Laboratory
- * Maternal and Child Health Laboratory
- * Nutrition Laboratory
- * Pre clinical Laboratories
- * Specimens, Models and Mannequins

- Not Applicable

4.1.14 Ayurveda

- * Herbal Gardens
- * Museum Herbarium
- * Panchakarma Facility
- * Eye Exercises Clinic
- * Kshara Sutra and Agni Karma Setup
- * Ayurveda Pharmacy

- Not Applicable

4.1.15 Does the institution have the following facilities? If so, indicate its special features, if any.

- * Meditation Hall

- Yes. Regular Yoga and Meditation classes are conducted.

- * Naturopathy blocks

- No.

4.1.16 Provide details of sophisticated equipments procured during the last four years.

S No	Department	Equipment	Cost (Rs.)
1	Pharmaceutical Analysis	U V Visible Spectro photo meter	250000.00



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2	Pharmaceutical Analysis	FTIR	100000.00
3	Pharmaceutical Analysis	HPLC	650000.00
4	Pharmaceutics	Rotary Tablet Punching Machine	175000.00
5	Pharmaceutics	Wrist action shaker	75000.00
6	Pharmaceutics	Stability Chamber	350000.00
7	Pharmaceutics	Brookfield Visco meter	175000.00
8	Pharmaceutics	Dissolution Test Apparatus	200000.00
9	Pharmaceutics	Laminar Air Flow System	75000.00

4.2 Clinical Learning Resources

4.2.1 Teaching Hospital

- * Year of establishment : 1992
- * Hospital institution distance : 06 Kms
- * Whether owned by the college or affiliated to any other institution?
 - Affiliated to Dr. NTR University of Health Sciences.
- * Are the teaching hospitals and laboratories accredited by NABH, NABL or any other national or international accrediting agency?
 - Yes. Accredited by NABH & NABL
- * Number of beds : 750 Beds
- * Number of specialty services : 8 (Eight)
- * Number of super-specialty services : 5 (Five)
- * Number of beds in ICU / ICCU / PICU / NICU, etc. : 60 (sixty)



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* Number of operation theatres

- Twelve

* Number of Diagnostic Service Departments

- 4 (Four) (Bio Chemistry, Micro biology, Pathology and Radio Diagnostics)

* Clinical Laboratories

- 5 (Five)
 - I. Anatomy lab
 - II. Bio-chemistry lab
 - III. Micro-biology lab
 - IV. Pathology lab
 - V. Micro-biology

* Service areas viz. laundry, kitchen, CSSD, Backup power supply, AC plant, Manifold Rooms, pharmacy services

- The Hospital has all the services with 24 hours power backup and Pharmacy.

* Blood Bank services

- Yes. Available

* Ambulance services

- Yes. Available

* Hospital Pharmacy services

- Yes. Both IP and OP pharmacy services are available.



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- * Drug poison information service
 - Yes. Available
- * Pharmacovigilance
 - Yes. Available
- * Mortuary, cold storage facility
 - Yes. Available
- * Does the teaching hospital display the services provided free of cost?
 - Yes. All the services provided are free.
- * What is the mechanism for effective redressal of complaints made by patients?
 - Not Applicable
- * Give four years statistics of inpatient and outpatient services provided.
 - Not Applicable
- * Does the hospital display charges levied for the paid services?
 - Yes
- * Are the names of the faculty and their field of specialization displayed prominently in the hospital?
 - Yes
- * Is pictorial representation of the various areas of the hospital displayed in a manner to be understood by illiterate patients?
 - Yes



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- * Is there a prominent display of ante-natal, mother and child health care facilities?
 - Yes
- * How does the hospital ensure dissemination of factual information regarding rights, responsibilities and the health care costs to patient and the relatives/attendants?
 - Yes. Consent for services is obtained.
- * How does the hospital ensure that proper informed consent is obtained?
 - Consent is part of SOP.
- * Does the hospital have well-defined policies for prevention of hospital-acquired infections?
 - Yes
- * Does the hospital have good clinical practice guidelines and standard operating procedures?
 - Yes
- * Does the hospital have effective systems for disposal of bio-hazardous waste?
 - Yes
- * How does the hospital ensure the safety of the patients, students, doctors and other health care workers especially in emergency department, critical care unit and operation theatres? Are the safety measures displayed in the relevant areas?
 - Yes



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- * How are the Casualty services/Accident and Emergency Services organized and effectively managed?
 - Not Applicable
- * Whether the hospital provides patient friendly help-desks at various places.
 - Yes
- * Does the hospital have medical insurance help desk?
 - Not Applicable
- * What are the other measures taken to make the hospital patient friendly?
 - Not Applicable
- * How does the hospital achieve continuous quality improvement in patient care and safety?
 - Not Applicable
- * What are the measures available for collecting feedback information from patients and for remedial actions based on such information?
 - Not Applicable
- * How does the institution ensure uniformity in treatment administered by the therapists?
 - Not Applicable
- * Does the institution conduct any orientation training program for AYUSH-based para-medical staff?
 - Not Applicable



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4.2.2 What specific features have been included for clinical learning in the out-patient, bedside, community and other clinical teaching sites?

- The Hospital is a teaching hospital attached to Medical College. The clinical learning in all the teaching sites is closely monitored by senior faculty.

4.3 Library as a Learning Resource

4.3.1 Does the library have an Advisory Committee? Specify the composition of the committee. What significant initiatives have been implemented by the committee to render the library student/user friendly?

- Yes. The Library has an Advisory Committee. The composition Committee is given below:

Sl.No	Name	Designation
1.	Dr. Lavanya Yaidikar, Associate Professor	Chairman
2.	Dr. D L Priyanka Associate Professor	Member
3.	Mr. Kousik Sen Gupta Assistant Professor	Member
4.	Mr. S Raj Kumar Assistant Professor	Member
5.	Mrs. Charumathi Salva Assistant Professor	Member
6.	Mr. Venkatesan R Assistant professor	Member
7.	Dr. B Narasimhulu Assistant Professor	Member
8.	Mrs. D Swetha Assistant Professor	Member
9.	Mr. V Prudhviraaj Assistant Professor	Member
10.	Mr. P. Madhu Kumar, Librarian	Member-Coordinator



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Responsibilities

- Planning for the utilization of budget allotted.
- Review the functioning of the Library/digital section/reading room
- Developing strategies for the improvement of the facilities for the staff and the students.
- Requisition the requirements of books, DVD's, CD's, etc from all departments once in six months and their purchase as per feasibility.
- Subscribing additional journals/magazines/periodicals etc
- Procuring DVD's /CD's/online journals
- Linkage with other libraries
- Maintaining digital section
- Maintaining the paper clippings concerning Pharmaceutical education and related issues
- Arranging lectures to make library as a useful supporting service.
- Preparing budgetary requirements for the next year.

Special Responsibilities

- Taking the feedback from the faculty and students regarding library services.
- Providing Xerox and internet facility uninterruptedly.

4.3.2 Provide details of the following:

- * Total area of the library (in Sq. Mts.)



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- 132 Sq Mts
- * Total seating capacity
 - 100 members
- * Working hours (on working days, on holidays, before examination, during examination, during vacation)
 - Working Days - 8.30am to 5.00pm
 - Before Examinations - 9.00am to 5.00pm
 - During Examinations - 8.00am to 9.00pm
- * Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)
 - Available and clearly demarcated as
 - ✓ Library working zone (Issue & return counters)
 - ✓ Journal area
 - ✓ Reading hall
 - ✓ Reference section
 - ✓ Thesis and dissertation collection zone
 - ✓ E-zone (Internet access area)
- * Clear and prominent display of floor plan; adequate sign boards; fire alarm; access to differently-abled users and mode of access to collection
 - Yes. Adequate sign boards are provided displaying the information.
- * List of library staff with their qualifications
 1. Mr. P. Madhu Kumar, B.Sc; B.Ed; M.L.I.Sc, Librarian,
 2. Mr. N Neelakanta Reddy, Library Assistant



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3. Ms. Revathi, Library Attender

4.3.3 Give details of the library holdings:

* Print (books, back volumes, theses, journals)

a. Books	-	5174
b. Titles	-	719
c. Theses	-	129
d. Journals		
a. Indian	-	15
b. Foreign	-	36
e. Magazines	-	08

* Average number of books added during the last three years

Description	2013	2014	2015	2016
Text Books (Numbers)	123	442	148	113
Journals /Periodical	38	38	40	51

* Non Print (Microfiche, AV)

- Audio Visual CDs -

* Electronic (e-books, e-journals)

- E-books - 112
- E-journals - 69

* Special collections (e.g. text books, reference books, standards, patents)

- Special Collection - 129

* Book bank



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- * OPACS - Yes
- * Internet Access - Available
- * Downloads - Available
- * Printouts - Available
- * Reading list/ Bibliography compilation - Available
- * In-house/remote access to e-resources - Yes
- * User Orientation - Yes
- * Assistance in searching Databases - Yes
- * INFLIBNET/HELINET - Subscribed with DELNET

4.3.6 Provide details of the annual library budget and the amount spent for purchasing new books and journals.

(Rs in Lakhs)

Description	2012-2013		2013-2014		2014-2015		2015-2016	
	Budget	Spent	Budget	Spent	Budget	Spent	Budget	Spent
Books	200000	138204	400000	417828	200000	62796	200000	42873
Journals	100000	76500	150000	123000	1,50,000	88,876	175000	174,000

4.3.7 What are the strategies used by the library to collect feedback from its users? How is the feedback analyzed and used for the improvement of the library services?

- Library has initiated a user friendly feedback system by keeping complaints and suggestion register in the Library which helps both the students and staff to register complaints and suggestions.
- These are evaluated regularly by the library advisory committee and steps are taken to improve the library services.



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4.3.8 List the efforts made towards the infrastructural development of the library in the last four years.

- Library automation process is initiated.
- Expanded user seating capacity
- Created separate internet surfing zone
- Two new CCTV cameras have been installed
- New collection of books are included

4.4 IT Infrastructure

4.4.1 Does the institution have a comprehensive IT policy with regard to:

* **IT Service Management**

- The IT division of Seven Hills College of Pharmacy is responsible for the maintenance of IT services across the College. The IT division provides system break down, data retrieval and storage services.

* **Information Security**

- By using unique password for all the systems and database related filters.

* **Network Security**

- Integrated Router to prevent unauthorized access through internet and intranet and to control network issues.

* **Risk Management**

- Using quick heal security anti -virus system to avoid risk factors from unknown sources like pen drives, internet etc.

* **Software Asset Management**



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- Service agreement with Balaji Computers for maintenance and management of software asset.

* Open Source Resources

- The linkage with Broad Band facilitates open access through AIRNET.

* Green Computing

- Cathode Ray tube monitors have been replaced with LED monitors.

4.4.2 How does the institution maintain and update the following services?

* Hospital Management Information System (HMIS)

- Not Applicable

* Electronic Medical Records System (EMR)

- Not Applicable

* Digital diagnostic and imaging systems including PACS

- Not Applicable

4.4.3 Give details of the institution's computing facilities i.e., hardware and software.

* Number of systems with individual configurations

- 60 Systems (Excluding Faculty Lap tops) in the College and 30 in ICT lab.

* Computer-student ratio

- 1 : 10 (excluding ICT lab)



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- * Dedicated computing facilities
 - Available
- * LAN facility
 - LAN facility is available for all the departments
- * Wi-Fi facility
 - Yes.
- * Proprietary software
 - Yes. All the soft ware is licensed.
- * Number of nodes/ computers with internet facility
 - All computers are with internet facility
- * Any other (specify)
 - Separate digital library to access online journals and e-books.

4.4.4 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

- Institute have plans to have one smart class room and has the plans to convert all the class rooms in to smart class rooms in near future.
- Management has plans to bring the college under e-governance where all the governance process establishes a common and continuous platform between all the stakeholders' i.e Management, Faculty, Parents and Students.



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4.4.5 Give details on access to on-line teaching and learning resources and other knowledge and information database/packages provided to the staff and students for quality teaching-learning and research.

- ICT with 30 computers are available and accessible to all the faculty and the students.
- Students can access all the on line journals and e-text books.
- The institute has subscribed to DELNET and the students can access.
- The faculty can also access to these e-resources in the departmental computers.

4.4.6 What are the new technologies deployed by the institution in enhancing student learning and evaluation during the last four years and how do they meet new / future challenges?

- All class rooms are provided with LCD projectors.
- ICT facility with 30 computers
- E-journals and e-text books

4.4.7 What are the IT facilities available to individual teachers for effective teaching and quality research?

- Computers with internet facility
- Internet facility to all the Class rooms
- LCD Projectors
- E-class room

4.4.8 Give details of ICT-enabled classrooms/learning spaces available within the institution. How are they utilized for enhancing the quality of teaching and learning?



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- All the class rooms are equipped with LCD projectors with internet facility. Access to the lecture notes, library e-books and e-journals is possible through individual login and password.
- With the help of these resources, 3D structure of drug molecules, drug designing, drug-receptor interaction studies, new drug delivery systems and technology associated with this can be demonstrated in the class room.

4.4.9 How are the faculty assisted in preparing computer-aided teaching-learning materials? What are the facilities available in the institution for such initiatives?

- IT team helps the faculty for preparation of power point slides of the lecture.
- Faculty members are trained in the preparation of computer-aided teaching-learning material in the Faculty Development programs.

4.4.10 Does the institution have annual maintenance contract for the computers and its accessories?

- Yes. Separate maintenance contract is available for both Software and Hardware.

4.4.11 Does the institution avail of the National Knowledge Network (NKN) connectivity? If so, what are the services availed of?

- No

4.4.12 Does the institution avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?

- Yes. The institute encourages both students and staff to make use of web resources like Wikipedia, dictionary, pharmacopeias etc, for understanding the meaning of the technical words they are using in the content. In the event of quoting extracts, the students are asked to cite



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the source of the content appropriately. Plagiarism is strictly prohibited and discouraged

4.4.13 Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the institution.

- Maintenance of computers are given for annual Maintenance contract. Emergency repairs are carried out internally. Adequate provision is made for the purchase of computers.

4.4.14 What plans have been envisioned for the transfer of teaching and learning from closed institution information network to open environment?

- Information technology in education has brought easy access to different learning resources. It helped to improve both teaching skills and learning abilities of students. Students are taught with projectors in classrooms or lectured through class speakers. Students and teachers can also easily download eBooks from the internet which can be read from anywhere either through phone or tablet. With the IT revolution and changing environment in education sector in general and teaching and learning process in particular, a shift from closed institutional network to open environment is happening. Internet connectivity opened new vistas which enabled teaching-learning possible remotely through virtual classroom.
- The Institute has plans to have e-class rooms where regular teaching-learning is happening and also plans to up-date web based learning system through internet connectivity for having access to open sources environment.

4.5 Maintenance of Campus Facilities

4.5.1 Does the institution have an estate office / designated officer for overseeing the maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.



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- Yes. The institute has Manager - Maintenance to overseeing the maintenance of buildings, gardens, etc.
- The estate office constantly monitors civil, electrical, plumbing and carpentry maintenance related issues.
- Separate manpower is available for watering the plans and maintaining the garden.
- Round the clock power back-up and water supply throughout the campus is ensured.

4.5.2 How are the infrastructure facilities, services and equipments maintained? Give details.

- The maintenance department has qualified and experienced technical staff who make constant physical rounds and carryout servicing / repairing wherever necessary and required.
- Safety rounds are also carried out by the top management and instructions are issued for changes / modifications in the facilities.
- Preventive and breakdown maintenance of all the equipment and machines are carried out.
- All other high-end equipment is under AMC with the manufacturer / authorized service agency.

4.5.3 Has the institution insured its equipments and buildings?

- Yes. All the sophisticated equipment and College buses are insured.

Any other information regarding Infrastructure and Learning Resources which the institution would like to include.



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CRITERION V STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the institution have a system for student support and mentoring? If yes, what are its structural and functional features?

- Yes. The institute has a system for student support and mentoring. To take care of the welfare and to support the students the following committees are constituted.
 - Academic Committee
 - Grievance and Redressal Committee
 - Library Committee
 - Hostel Committee
 - Sports and Recreational Committee
 - Anti Ragging Committee
 - Alumni Association etc.
- The institute has a mentoring system, where each faculty is assigned with 10 to 12 students and their all round progress monitored and counseled regularly.

5.1.2 Apart from classroom interaction, what are the provisions available for academic mentoring?

- Apart from the class room interaction the mentors perform academic and personal counseling on one to one basis.
- The institute encourages its students to participate in group discussions and to meet the faculty at any time to clarify the doubts and to resolve academic issues on day to day basis.



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- Parents / Guardians are informed about the academic progress, punctuality and attendance on regular basis.

5.1.3 Does the institution have any personal enhancement and development schemes such as career counseling, soft skills development, career-path-identification, and orientation to well-being for its students? Give details of such schemes.

- Yes. The institute organizes orientation programs to guide the students on career-path-identification and counseling on various career options available for UG students. The students are also oriented towards PG and higher education options in pharmacy.
- Various programs on personality development, improved learning methods, soft skills etc are being conducted on regular basis with experts on the subject.

5.1.4 Does the institution have facilities for psycho social counseling for students?

- Yes. Initial counseling is given at the institute and if required the student is sent for expert counseling by the professional in the city.

5.1.5 Does the institution provide assistance to students for obtaining educational loans from banks and other financial institutions?

- Yes, the institution provides required assistance to the students for obtaining educational loan from nationalized banks and other financial institutions by providing required information.

5.1.6 Does the institution publish its updated prospectus and handbook annually? If yes, what are the main issues / activities / information included / provided to students through these documents? Is there a provision for online access?

- Yes. The institute publishes its updated prospectus and handbook every year and distributes to all the fresh students on the day of induction.



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- The same is also available in its web site www.shcptirupati.com
- The contents of the handbook are:
 - Chairman's message
 - Principal's message
 - Vision and Mission statements
 - About the campus
 - About the course
 - Curriculum activities for both UG, PG and Pharma - D
 - Important Committees
 - Dos and Don'ts in the campus
 - Important contact numbers

5.1.7 Specify the type and number of institution scholarships / freships given to the students during the last four years. Was financial aid given to them on time? Give details. (in a tabular form)

- The institute provides financial assistance to needy and deserving students through management from its welfare fund. Apart from financial assistance hostel and transport concession and assistance in securing bank loan is also provided by the institution.

5.1.8 What percentage of students receive financial assistance from state government, central government and other national agencies?

- All the eligible students receive financial assistance from the state government.

B. Pharmacy

Sl. No	Type of Financial Assistance/Scholarship	Number	Percentage (%)
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1	SC	34	100
2	ST	5	100
3	BC	92	100
4	Others	52	100

M. Pharmacy

Sl. No	Type of Financial Assistance/Scholarship	Number	Percentage (%)
1	SC	1	100
2	ST		100
3	BC	2	100
4	Others	1	100

PharmaD

Sl. No	Type of Financial Assistance/Scholarship	Number	Percentage (%)
1	SC	14	100
2	ST	2	100
3	BC	37	100
4	Others	16	100

5.1.9 Does the institution have an International Student Cell to attract foreign students and cater to their needs?

- No

5.1.10 What types of support services are available for

* overseas students

- The institute does not have any overseas students. However the



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management is prepared to provide all the required facilities including separate Hostel, Diet as per their requirement and special classes in English to bridge language gaps.

*** physically challenged / differently-abled students**

- At present the institute does not have any physically challenged students. However the institute has ramps and there is a provision for lift facility to meet the requirement of physically challenged students.

*** SC/ST, OBC and economically weaker sections**

- The SC / ST, OBC and economically weaker section students are provided with Government scholarships as per state government provisions. Apart from that the institute provides with book bank facility, fee concession for deserving candidates etc.

*** students participating in various competitions/conferences in India and abroad**

- The management of the institute encourages its students to participate in various competitions and conferences. For participation in sports, the college reimburses all the travelling expenses and sends its physical Director to accompany the students.
- The students are guided by the Faculty in preparation and presentation of posters / papers in the seminars /conferences. The travel and registration fee is met by the institution.

*** Health center, health insurance etc.**

- Yes. Health coverage is provided to the students staying in the Hostel.

*** skill development (spoken English, computer literacy, etc.)**



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- As bridge courses the students are taught both spoken English and basic computer literacy courses.
- * performance enhancement for slow learners.
- Remedial and Extra classes are conducted for the slow learners beyond regular classes.
- * exposure of students to other institutions of higher learning/ corporates/business houses, etc.
- As part of educational tour, the students are taken to visit various pharma industries.
- * publication of student magazines, newsletters.
- The institute publishes its in house journal from 2011. The students are encouraged to write case presentations and publish in the magazine. Students are encouraged to publish Departmental news letter, which is done with regularity. The college has its own quarterly magazine, Seven Hills Times. The college has a research journal with name as Journal of International Pharmaceutical Sciences, ISSN Number 2454-7166.

5.1.11 Does the institution provide guidance and/or conduct coaching classes for students appearing for competitive examinations (such as USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS)? If yes, what is the outcome?

- Yes. The senior faculties of the institute guide the students to appear various competitive examinations.



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Sl. No	Academic year	Appeared	Qualified
1	2011	8	5
2	2014	7	3
3	2016	10	2

5.1.12 Mention the policies of the institution for enhancing student participation in sports and extracurricular activities through strategies / schemes such as

* additional academic support and academic flexibility in examinations

- Students participating in sports & games are supported with
 - Attendance for the days he / she was absent
 - Additional classes on the topics they missed
 - Re-scheduling of internal examinations if required.

* special dietary requirements, sports uniform and materials

- Nutritious and as well as balanced diet is provided and all the required uniform and sports materials are provided.

* any other (specify)

- The institute has a qualified Physical Director who guides on all sports activities.
- All sports equipments for both indoor and outdoor games are provided.
- Students are encouraged to participate in all the sports events conducted by University / other colleges in the state.

5.1.13 Does the institution have an institutionalized mechanism for student placement? What are the services provided to help students identify job opportunities, prepare themselves for interviews, and develop



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entrepreneurship skills?

- Yes. The college has placement and guidance cell headed by a placement officer. The placement officer is ably assisted by a team of placement coordinators from each department. The Placement officer regularly displays bulletins and articles related to placement scenario to keep the students abreast of the employers' expectation and employment opportunities. Experts from outside are invited to address the students on current issues related to employability and employer expectations.
- Soft skill training is organized to enhance the suitability of the students for placement process.
- Students are trained in group discussion and mock interviews are conducted so as to prepare the students to face the interview board.

5.1.14 How does the institution provide an enriched academic ambience for advanced learners?

- Advanced learners are encouraged to further improve their knowledge and skills by motivating and introducing them to newer developments and methods in the field of pharmacy so that they can pursue higher goals in academics. They are encouraged to develop research temperament and presentation of papers / posters in seminars and workshops.

5.1.15 What percentage of students drop-out annually? Has any study been conducted to ascertain the reasons and take remedial measures?

- Pharmacy education being a highly sought after professional course with lot of opportunities, the dropout rate in the institution is very negligible accounting less than 1% during the last four years.

5.1.16 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus during the last four years).



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- Placement details for the last four years

Sl No	Company	No of Students Placed	Year
1.	EPISOURES	3	2014
2.	BAYERS CHEMICALS	2	2014
3.	BIOCON	2	2014
4.	STRIDES	3	2015
5.	YOGAM BPO	4	2015

5.1.17 Does the institution have a registered Alumni Association? If yes, what are its activities and contributions to the development of the institution?

- Yes. The institute has an Alumni Association and current Office bearers are given below:

Current Office Bearers

SLNO	Name	Designation	Position
1	Dr. Niranjan Babau	Principal	Chairman
2	Dr. Subhashis Debnath	Vice Principal	Convener
3	Dr. Badrud Duza Mohammad	Associate Professor	President
4	Mr. G Mallikarjun	Assistant Professor	General Secretary
5	Mrs. D Lavanya	Assistant Professor	Joint Secretary
6	Mr. Rajkumar		Treasurer
7	Mr. Sourav De	Assistant Professor	EC Member
8	Mrs. Rihana Begum	Assistant Professor	EC Member



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- Activities
 - Regular Annual meetings
 - Organizing Guest lectures by renowned Alumni
 - Career guidance and placement options to students
 - Helping poor and needy students through donations

5.1.18 List a few prominent alumni of the institution.

- Mr. Prudhvi Raj, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Mrs. L. Divya, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Ms. Harika, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Mr. Charan, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Ms. Hema Faith, currently working as Associate, Scientific Medical Writing, Spy Globals, Chennai.

5.1.19 In what ways does the institution respond to alumni requirements?

- The institute instantaneously responds to the requirements of Alumni and provides financial and infrastructural support during the annual meetings. Postings in the institute web site about Alumni activities and the members of alumni are invited for advising and guiding the students about higher education and placement options.

5.1.20 Does the institution have a student grievance redressal cell? Give details of the nature of grievances reported. How were they redressed?



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- Yes. The institution has a Grievance Redressal Committee to redress the students' problems.
- Students address their grievances to the Committee and the committee makes attempt to solve them within a time frame.
- The following is the Grievance Redressal Committee.

Sl. No	Name and Designation	Position
1	Dr. Subhashis Debnath	Chairperson
2	Mr. Mogal Althaff	Member
3	Mr. Mahipal	Member
4	Mr. R. Pugahethi	Member
5	Mrs. D. Lavanya	Member

- The functions of the grievance redressal committee are :
 - a) The objective is to rectify all kinds of grievances received from the students.
 - b) To identify the realities of the grievance.
 - c) To take the necessary steps for the remedies and bring up to the knowledge of the Management, if necessary.

5.1.21 Does the institution promote a gender-sensitive environment by (i) conducting gender related programs (ii) establishing a cell and mechanism to deal with issues related to sexual harassment? Give details.

- Yes. Gender sensitizing classes are conducted to focus on the mutual cooperation among male and female students and to treat female staff and students with dignity and respect.
- The Management gives special emphasis in promoting values and



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eliminates gender bias in the campus.

- A committee is constituted as per rules, for prevention / action against sexual harassment of women students.
- The composition of the committee is as follows:

Sl.No	Name & Designation	Position
1	Dr. DL Priyanka	Chairperson
2	Mrs. S Charumathi	Member Convener
3	Mrs. P. Jyotsna	Member
4	Mr. Koushik Sen Gupta	Member

5.1.22 Is there an anti-ragging committee? How many instances, if any, have been reported during the last four years and what action has been taken in these cases?

- Yes. The institute has Anti-ragging Committee and anti-ragging Squad with the following composition.

Sl.No	Name & Designation	Position
1	Dr. M. Niranjan Babu	Chairperson
2	Dr. Subhashis Debnath	Member Convener
3	Mr. M. Shankar	Member
4	Mrs. D. Rihana Begum	Member
5	Ms. Tejovathi	Student Member
6	Mr. V. Vinay	Student Member

- The squad members make rounds in the campus and hostels regularly. The institute has put posters all through indicating the punishments and ill effects of ragging. Students also submit affidavits as per the UGC format. Because of these, there have been no incidents of ragging in the college or in the hostel.



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5.1.23 How does the institution elicit the cooperation of all its stakeholders to ensure the overall development of its students?

- The Management makes every stake holder feel that the Institution belongs to them.
- The Institution elicits the cooperation of all its stakeholders by involving them appropriately in the developmental process of the Institution.
- Parents cooperation is ensured through Parent-Teacher interventions
- The staff is given freedom and opportunities to demonstrate their academic / administrative abilities in organizing the programs for the benefit of the students.
- The staff feels involved in the development process.
- The institution makes the alumni feel obliged to serve the alma mater.

5.1.24 How does the institution ensure the participation of women students in intra- and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.

- The institution encourages the women students to participate in various sports and cultural competitions organized by the institution and also by different Institutions / Universities.
- The following girl students represented JNTUA at inter collegiate competitions / tournaments during 2014 -15 / 2015-16 and won awards.

At Inter Collegiate / state level

Sl. No	Name of the Student	Class	Event	Venue	Year	Award
1	V. Sai Nelatha	I Pharm D	Ball Badminton	Nandyal	2014	Ist Place & received Star of



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						Andhra
2	V. Sai Nelatha	II Pharm D	Ball Badminton	Nandyal	2015	Ist Place

5.1.25 Does the institution enhance the student learning experience by providing for rotation from the teaching hospital to the community and district hospital during the internship period?

- Yes. As per PCI norms B. Pharm students are given training in various departments of the industry to enhance the learning experience.
- Similarly Pharm. D students during their internship are posted on rotation in various departments; General medicine, Surgery, Paediatrics, Orthopaedics, Psychiatry, Nephrology, Neurology, Integrated organ transplants, Emergency medicine and Oncology to enhance their learning experience.

5.1.26 Does the institution have immunization policy for its students and staff?

- No. But awareness and precautionary measures are being taught. .

5.1.27 Does the institution give thrust on students growth in terms of:

- * Physical development,
 - * Emotional control
 - * Social dimension and
 - * Spiritual growth.
- Yes. The institute has provided with well equipped Gym and spacious play grounds and facilities for indoor games for the physical activities of the students. Yoga and meditation programs help in physical, emotional and spiritual growth. Celebration of College day, picnics and Food fests and outreach activities promote social bonding.



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5.2 Student Progression

5.2.1 What is the student strength of the institution for the current academic year? Analyze the Program-wise data and provide the trends (UG to PG, PG to further studies) for the last four years.

UG Program

SI No	Branch	Year	No of Students
1	B Pharma	2013-14	59
		2014-15	89
		2015-16	82
		2016-17	100

P G Program

1	Pharmaceutical Analysis	2012-13	10
		2013-14	14
		2014-15	9
		2015-16	4
		2016-17	15
2	Pharmaceutics	2012-13	12
		2013-14	19
		2014-15	6
		2015-16	2
		2016-17	5
3	Drug Regulatory affairs	2013-14	---
		2014-15	4
		2015-16	--
		2016-17	1
4	Pharmacology	2013-14	---
		2014-15	5
		2015-16	1



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		2016-17	3
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Pharma - D

SI No	Branch	Year	No of Students
1	Pharm-D	2013-14	30
		2014-15	30
		2015-16	30
		2016-17	30

Pharma - D (PB)

SI No	Branch	Year	No of Students
1	Pharm-D (PB)	2013-14	30
		2014-15	30
		2015-16	30
		2016-17	30

Student Progression	2012-13	2013-14	2014-15	2015-16
	%	%	%	%
UG to PG	99%	85%	90%	90%
PG to M.Phil.	--	--	--	--
PG to Ph.D.	--	--	--	--
Employed	80	80	80	80
Campus selection			7	7
Other than campus recruitment				

5.2.2 What is the number and percentage of students who appeared/qualified in examinations for Central / State services, Defense, Civil Services, etc.?



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- Nil

5.2.3 Provide category-wise details regarding the number of post graduate dissertations, Ph.D. and D.Sc. theses submitted/ accepted/ rejected in the last four years.

- Course wise number of UG/PG dissertations submitted is given below:

UG Program			
Year	No. submitted	Accepted	Rejected
2011-12	7	7	Nil
2012-13	8	8	Nil
2014-15	9	9	Nil
2015-16	9	9	Nil
M. Pharmacy - Pharmaceutical Analysis			
Year	No. submitted	Accepted	Rejected
2012-13	9	9	Nil
2014-15	7	7	Nil
2015-16	Ongoing		
M. Pharmacy - Pharmaceutics			
Year	No. submitted	Accepted	Rejected
2012-13	8	8	Nil
2013-14	10	10	Nil
2014-15	4	4	Nil
2015-16	Ongoing		

5.2.4 What is the percentage of graduates under AYUSH programs employed in the following?

- * AYUSH departments/Hospitals,
- * Multinational companies,
- * Health clubs,



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- * Spas,
- * Yoga wellness centers,
- * Yoga studios,
- * Health clubs,
- * Own Yoga cubes/studios?

- **Not Applicable**

5.3 Student Participation and Activities

5.3.1 List the range of sports, cultural and extracurricular activities available to students. Furnish the program calendar and provide details of students' participation.

- Every year, the college organizes a sports and cultural festival with several events in which both students and staff participate enthusiastically. This is usually held in the month of January.

Pharma Utsav - 2017

Celebrations - 2016-2017

Sl No	DAY & DATE	EVENT
1.	6/3/2017	Kabaddi/Tennicoit
2.	7/3/2017	Cricket / kho kho etc
3.	8/3/2017	Pot painting/ Nail Art/ Facial painting hair style etc.
4.	9/3/2017	Carroms/Chess/Singing
5.	10/3/2017 (Closing Day)	Solo dance/Group dance, Singing etc

LIST OF STUDENTS PARTICIPATED & WON PRIZES

Kabaddi (Boys)



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Winners (IV B. Pharm)	Runners (I .B. Pharm)
B. Sai Chand	K. Thanoj Kumar
Y. Purushotham	B. Prabhuteja
P. Dileep Kumar	S. Ahmed Basha
B. Hari Prasad	C. Balaji
A. Purushottam	G. Prudhviraj
E. Ramesh	M.Charan Kumar
E.Ashok Naik	V. Venkatesh

Kabaddi (Girls)

Winners (IV B.Pharm)	Runners (III .Bpharm)
S. Nirosha	M.N.L. Aishwarya
R. Sowjanya	C. Swetha
C. Rohini	N.M. Vaishnavi
K. Anitha	K. Rajitha
K. Deepika	M. Prabhavathi
R. Jasmine Priyadarshini	Y. Navya Yadav
J. Veena	V. Hemalatha

Tennicoit

Winners (III Pharm-D)	Runners (IV B.Pharm)
Vontaddu Sai Nelatha	K. Anitha
Maddela Ravali	R. Jasmine Priyadarshini

Kho Kho

Winners (IV B. Pharm)	Runners (II B. Pharm)
S. Nirosha	T. Bhavya
K.Anitha	G. Vani
R. Sowjanya	H. Tejovathi
C. Rohini	S. Aishwarya
K.Deepika	C. Pushpalatha
R. Jasmine Priyadarshini	D. Ramya



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J. Veena	G. Geetha Madhuri
S. Disha Rani	P. Reddyrani
G. Sowjanya	T. Siresha
K. Teja	M. Charitha
R. Tejovathi	

Quiz

Winners (IV Pharm-D)	Runners (IV B.Pharm)
G. Roopsai	K. Siddartha Reddy
M. Nagarjuna	B. Preetha
G. Sowjanya	M. Mythili

Pot Painting

Winners	Runners
S. Chandana (IV B.Pharm)	V. Ramyasree (I B.Pharm)

Vegetable Carving

Winners (III Pharm D)	Runners (III Pharm D)
C M Sreelekha	T. Sudharani

Face Painting

Winners (IV B.Pharm)	Runners (III Pharm D)
P. Manohar Reddy B. Hari Prasad	C M Sreelekha

Mehandi

Winners (I B.Pharm)	Runners (III Pharm D)
Patan Nageena K V Naseera Khanum	Vontaddu Sai Nelatha Chandragiri Sri Latha

Nail Art

Winners (IV Pharm D)	Runners (IV B.Pharm)
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P. Sarvani Meruva Neeraja	Sanagaram Chandana K. Dimpu Sowmya
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Hair Style

Winners (III B. Pharm)	Runners (IV B.Pharm)
Veluru Hemalatha Poornima K	Diguvainti Vooaha M.Mythili

Drawing

Winners (IV B.Pharm)	Runners (I B.Pharm)
M.Sowjanya	Shaik Muthyalacheruvu Rizwan

Power Point

Winners (IV B.Pharm)	Runners (IV Pharm D)
T H Harishkumar	Gangarapu Sowjanya

Elocution

Winners (III B.Pharm)	Runners(IV B.Pharm)
M.N.L.Aishwarya	T H Harishkumar

Solo Song

Winners(I Pharm D)	Runners(IV B.Pharm)
K. Madhav Kashyap Sharma	R. Sowjanya

Solo Dance

Winners (II. B. Pharm)	Runners (IV B.Pharm)
V. Purushottam	H. Tejovathi

Volleyball

Winners	Runners
Sreedhar Sivannagari	Vannurappagari Vinay



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Ramulu Naik Megavath Nyanu Naik Nenavath Bhaskar M Gopi Nath Avala Narasimhulu	B Rajesh Naik Syed Firdose Basha M Pavan Kumar P Sudharshan S. Venkat Kiran
---	---

Rangoli

Winners (I. B. Pharm)	Runners (III. Pharm D)
V. Ramyasree	V. Gurupriya

5.3.2 Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years.

- The following students represented the institute at Inter University / inter collegiate tournaments.

Sl. No	Name of the Student	Class	Event	Venue	Year	Award
1	V. Sai Nelatha	I Pharm D	Ball Badminton	Nandyal	2014	Ist Place & received Star of Andhra
2	V. Sai Nelatha	II Pharm D	Ball Badminton	Nandyal	2015	Ist Place

5.3.3 Does the institution provide incentives for students who participate in national / regional levels in sports and cultural events?

- Yes. The institute provides travel and hospitality allowances to the students who represent the institute in national / regional level sports



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and cultural events. Students are provided with appropriate costumes and sports materials. Physical Director asks to accompany the students.

5.3.4 How does the institution involve and encourage its students to publish materials like catalogues, wall magazines, college magazine, and other material? List the major publications/ materials brought out by the students during the last four academic sessions.

- The college and the management always encourages its students to publish in college and wall magazines.
- The students take active role in preparing the wall magazines and posters during the celebration of the following national / international health days.
 - World Aids Day - 1st December
 - No Tobacco Day - 31st May
 - World Health Day - 7th April
 - International Women's Day - 8th March
 - World Blood Donor Day - 14th June
 - Pharmacy Week - 2nd week of September
 - World Diabetics Day - 14th November

5.3.5 Does the institution have a Student Council or any other similar body? Give details on its constitution, activities and funding.

- Yes. The college has well disciplined Student Council functioning and the constitution is as follows:
 - One male and female student from each year to be nominated by the Principal as CRs based on academic merit.
 - From among them, a President, Vice President, Secretary, Joint



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Secretary, Organizing Secretary is nominated.

- The Office bearers of the students council for the academic year 2016-17 is as follows

President	Mr. V. Vinay	V Pharm D
Vice President	Mr. Sidharth Kumar	IV B.Pharm
Secretary	Ms. Bhanu	V Pharm D
Joint Secretary	Ms. Mohana Lakshmi	II Pharm D
Organizing Secretary	Ms. MNL Aishwarya	III B.Pharm
EC Member	Ms. Vani	II B.Pharm
EC Member	Ms. Manasa	III Pharm D

Activities:

- Providing leadership in organizing quiz, elocution and essay writing competitions, sports and cultural activities.
- To serve as a bridge between management and students and to maintain peace and harmony within and outside the campus.

Funding

- Most of the activities are funded by the Management and students are free to collect and spend.

5.3.6 Give details of various academic and administrative bodies that have student representatives in them. Also provide details of their activities.

- Students actively participate in various committees constituted.
- Students are actively involved in organizing cultural and sports events, medical camps, NSS services, professional awareness program, workshops etc.
- Students represents in the following committees



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- Student's council
- Cultural and Sports committee
- Magazine committee
- Alumni association
- Student Grievance Cell
- Hostel committee
- NSS
- Blood donation volunteers
- Medical camp etc.

Any other information regarding Student Support and Progression which the institution would like to include.



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CRITERION VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and the mission of the institution.

The VISION:

The vision of Seven Hills College of Pharmacy is to reach the peak of glory in Pharmacy education and research by elevating the institute to global heights as a centre of excellence under one roof through systematic and relentless approach to knowledge based teaching and learning and value based practice of pharmacy profession.

The MISSION:

The Mission of the Seven Hills College of Pharmacy is:

- to prepare highly skilled, ethical, knowledgeable and compassionate pharmacy graduates and pharmaceutical scholars of tomorrow.
- to focus on educating pharmacy professionals on improved health care by providing optimal health care, patient safety, cost effective drug therapy and disease prevention and management.
- to instill and infuse both the staff and students towards research, new drug discovery, dispensing practice and all other verticals of the Pharmacy.
- to make the Institution into a centre of excellence in Pharmacy education and research through appropriate technology mediated education, produce world class pharmacy scientists to strengthen health care and wellbeing of the nation.



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6.1.2 Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution's tradition and value orientations, its vision for the future, etc.?

- Yes. The mission statement clearly defined and addresses the needs of the society and students and set the tone for excellence in the area of teaching and learning, research and skill development.
- The vision of the institute is to reach the peak of glory in Pharmacy Education and to prepare competent and highly knowledgeable pharmacy professionals through systematic and relentless approach to knowledge based teaching and learning and value based practice of pharmacy profession.

6.1.3 How is the leadership involved in

* developing E-Governance strategies for the institution?

- The Principal who is member from the Management of the Institute has taken steps to systematically computerize all the process at the institute level.
- The Management is keen to implement an integrated, automated web based solution dedicated to activities associated with managing the student learning and assessment.

* ensuring the organization's management system development, implementation and continuous improvement?

- The Organization's Management system and its implementation is ensured through periodic auditing, checking and collecting feedback from all its stakeholders. Short comings in implementation and improvements if any are noted for continuous improvement.

* interacting with its stakeholders?



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- The Management / Head of the Institution regularly interact with all its stakeholders:
- By obtaining feedback from the students, staff, parents, and other stakeholders.
- By holding quarterly meeting with staff, students and parents.
- By holding meeting with staff councils.
- Through monthly review meetings about the activities and plans.

* reinforcing a culture of excellence?

- The leadership of the institution always reinforces a culture of excellence among the all the staff and students of the institute. As a commitment to continuous improvement in quality and excellence of the programs offered, the management and the leadership reinforces a culture of excellence by way recognition and rewarding the highly performed staff members.

* identifying organizational needs and striving to fulfill them?

- The institutional needs in terms infrastructure, equipment, faculty and quality in its teaching and learning is periodically assessed based on the feedback given by its stakeholders. The leadership of the management / institution strives to fulfill the requirements based on the priority.

6.1.4 Were any of the top leadership positions of the institution vacant for more than a year? If so, state the reasons.

- No

6.1.5 Does the institution ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?



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- Yes. All the positions are filled as per the statutory requirements and meetings are conducted regularly.

6.1.6 Does the institution promote a culture of participative management? If yes, indicate the levels of participative management.

- Yes. The Institute always believes and promotes a culture of participative management at all levels.
- The Principal conducts regular meetings and involves all the staff and students in decision making, wherever possible.
- The Principal ensures participation of all the staff through decentralized administration by forming various committees viz, Faculty Members in Board of Studies, Academic Committee, Curriculum Committee and the students' representation in Sports and Cultural Committee, Library Committee, Anti-ragging Committee, Grievance Redressal Committee, Cell for Sexual harassment etc.

6.1.7 Give details of the academic and administrative leadership provided by the university to its affiliated colleges / constituent units and the support and encouragement given to them to become autonomous.

- Not Applicable

6.1.8 Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?

- Not Applicable

6.1.9 How does the institution groom leadership at various levels? Give details.

- The Institute grooms leadership at different levels.

a. At the College level

❖ A senior most HOD is appointed as Vice Principal of the



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College.

- b. At the department level
 - ❖ Rotation of eligible Professors as HODs
 - ❖ Nomination of Faculty Members in various Committees
- c. At the Student level
 - ❖ Student representatives are elected democratically and are nominated in various bodies and groomed.

6.1.10 Has the institution evolved a knowledge management strategy which encompasses the following aspects such as access to

- * Information Technology, : Yes
- * National Knowledge Network (NKN), : Planning to have tie up with NSDC (National Skill Development Corporation)
- * Data Bank, : Yes
- * Other open access resources along with effective intranet facilities with unrestricted access to learners. Yes

If yes, give details.

- Keeping in pace with developments and new educational policy and approaches, the institute evolved ICT mediated teaching and learning practices. To facilitate ICT implementation in the institute, internet with 10 mpbh bandwidth along with institution - wide networking.
- Internet connection is provided to all the departments for enabling development of ICT mediated teaching-learning materials.
- The Institute has subscribed to Del net (<http://delnet.nic.in>), Pharma intelligence (<http://www.pharmaintelligence.org/login.php>).

6.1.11 How are the following values reflected in the functioning of the institution?

- * Contributing to National development



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- The institute with rural set-up and the vision and the mission that the Institute has set forth is striving to serve the cause of social justice, ensuring equity and increasing access to Pharmacy education to the people of adjoining areas and the region in a way to contributing to national development.
- Significant role played by the institute in capacity building of the pharmacy professionals to cater to the needs of the society is also contributed to the national development.
- * **Fostering global competencies among students**
 - Fostering global competencies through:
 - Offering UG, PG and Doctoral programs in Pharmacy by maintaining nationally comparable and internationally acceptable standards.
 - Providing opportunities to carryout research and to present papers at national and international seminars / conferences.
- * **Inculcating a sound value system among students**
 - Along with the skill development, the institution gives utmost priority in inculcating the desirable value system among the students.
 - Appropriate values commensurate with social, economic and cultural realities are focused to inculcate respect and tolerance to various diversities.
 - Universal values like truth, righteousness, cooperation and mutual understanding are emphasized and practiced to bear a lifelong impression.
- * **Promoting use of technology**



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- The institute encourages the use of technology extensively in all the spheres of its activities i.e academic and administration.

The institute promotes use of technology:

- ✓ For enrichment of teaching-learning through e-resources
- ✓ For increasing access to e-library and access to open sources.
- ✓ For administrative management.

*** Quest for excellence**

- The institution is striving hard to achieve excellence in all spheres of its activities. The results at University level examinations are the benchmark of excellence. The institution is also striving for continuous improvement in all its programs through IQAC.

6.1.12 Has the institution been indicted / given any adverse reports by National Regulatory bodies? If so, provide details.

- No. The institute has never been indicted / given any adverse reports by any of the National Regulatory Bodies.

6.1.13 What are the projected budgetary provisions towards teaching, health care services, research, faculty development, etc.?

- Sufficient allocation and Budget Provision is made for meeting all the expenditure and as per the requirement.

6.2 Strategy Development and Deployment

6.2.1 Does the institution have a perspective plan for development? If yes, what aspects of the following are considered in the development of policies and strategies?



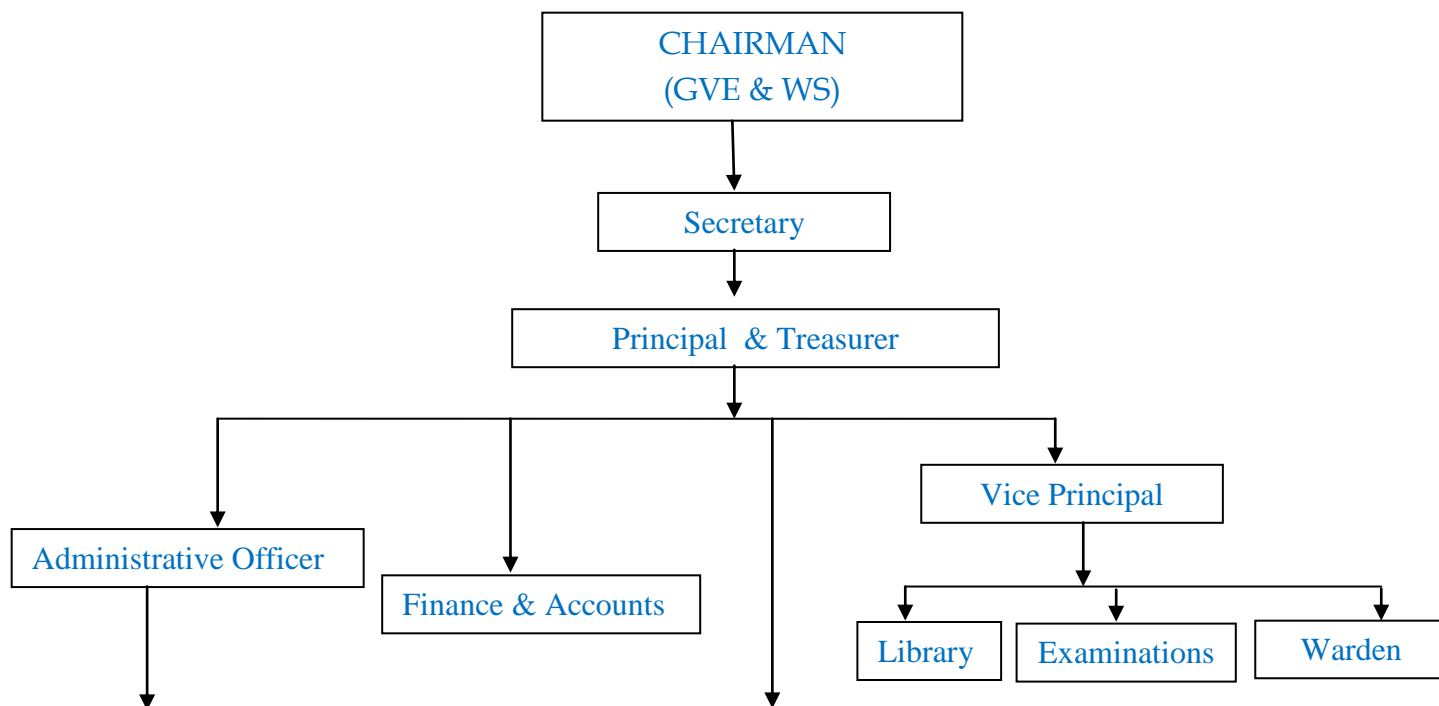
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- **Industry interaction**
 - The staff and students of both UG and PG are encouraged to interact with related industry in the neighbourhood and undertake research and extension activities for mutual benefit.
- **Internationalization**
 - The Institute is exploring possibilities of signing MoU with Institutions abroad for student and staff exchange programs in the areas of teaching and research.

6.2.2 Describe the institution's internal organizational structure (preferably through an organogram) and decision making processes and their effectiveness.

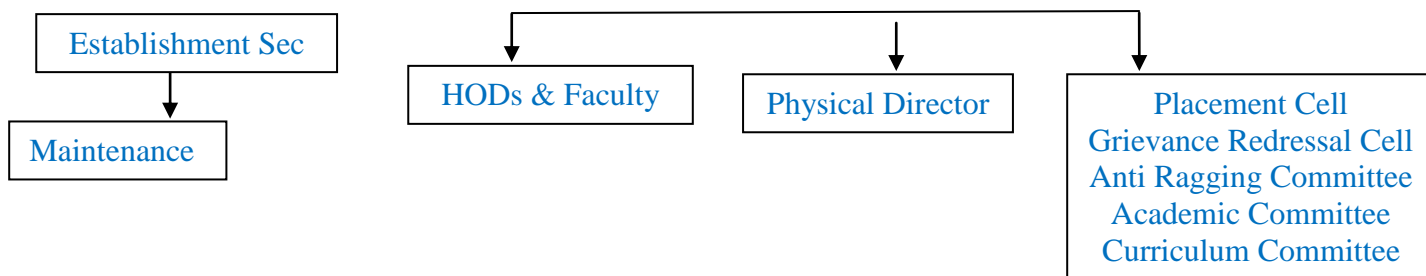
SEVEN HILL COLLEGE OF PHAMACY

Organizational Structure





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- Is there a system for auditing health care quality and patient safety? If yes, describe.
 - Not Applicable
- How often are these review meetings held with the administrative staff?
 - Not Applicable

6.2.3 Does the institution conduct regular meetings of its various Authorities and Statutory bodies? Provide details.

- Yes. Regular meetings of various Committees are conducted minutes are recorded and suggestions are reviewed periodically. The details of the meetings by various committees as follows:

Sl No	Name of the Committee	Frequency of Meeting	Subject
1	Academic committee	Half Yearly	Academic Aspects
2	Admission Committee	Once in a Year	Admissions
3	Curriculum Committee	Half yearly	Curriculum aspects
4	Selection Committee	As and when required	Selection of Teaching & Non-teaching staff
5	Research Committee	Quarterly	Research related
6	Library Committee	Half Yearly	Library, purchase of books etc.
7	Alumni Association	Once in a Year	Alma matters



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8	Anti-Ragging Committee		Quarterly	Ragging related
9	Grievance Redressal Committee		Quarterly	Matters related to all grievances
10	Sexual Harassment Committee		Quarterly	Women issues
11	SWOC Analysis Committee		Yearly	SWOC analysis
12	Academic Audit Committee		Yearly	Review and audit of all academic aspects

6.2.4 Does the institution have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?

- Yes. The IQAC and other statutory committees of the institute meet regularly and formulate policies to ensure quality. The members for various committees are nominated based on their expertise and commitment and the meetings are held regularly to recommend quality strategies.

Design: Various administrative committees have been formed to set standards to ensure quality.

Driven: The functioning of these committees is monitored regularly through the minutes recorded in the meetings.

Deployment: The committees are met as per the schedule and reviews quality policy.

Review: The functioning of these committees are reviewed by the Principal and Vice-Principal.

6.2.5 Does the institution encourage its academic departments to function independently and autonomously and how does it ensure accountability?



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- Yes. The institution encourages all its academic departments to function independently and autonomously within the norms and the institutes' rules and regulations. Thus the institute encourages all its departments' accountability linked autonomy.

6.2.6 During the last four years, have there been any instances of court cases filed by and / or against the institution? What were the critical issues and verdicts of the courts on these issues?

- No. there has been no instances of court cases filed by / or against the institution.

6.2.7 How does the institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder-relationship?

- The institution has a grievances / complaints cell with the following members:

Sl. No	Name & Designation	Position
1	Dr. Subhashis Debnath Vice Principal	Chairperson
2	Dr. Y Lavanya, Associate Professor	Member
3	Dr. D L Priyanka, Associate Professor	Member

- Suggestion /complaint boxes are placed across the institute for placing the suggestions / complaints by all the stakeholders. The boxes are opened periodically compiled and analyzed discussed with the Principal and redressed.
- All the complaints are acknowledged and addressed.



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6.2.8 Does the institution have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

- Yes. The institute collects students' feedback on institutional performance and their view point is given utmost priority in rectifying and modifying the functioning of the institution. Complete confidentiality is maintained on the feedback given by the students. Based on the feedback all the required measures are taken by the institute.

6.2.9 Does the institution conduct performance audit of the various departments?

- Yes. Performance of all the departments are analyzed and the parameters fixed for audit are as follows:
 - Papers published by the faculty in the department.
 - Paper presentations in national and international conferences / seminars.
 - Faculty enrichment programs conducted / attended
 - Students' outcome in the examinations, etc.

6.2.10 What mechanisms have been evolved by the institution to identify the developmental needs of its affiliated / constituent institutions?

- Not Applicable

6.2.11 Does the institution and hospital have their own updated websites? If so, is the information regarding faculty and their areas of specialization, days of availability, timings, consultation charges available on the website?

- Yes, the institution has a website namely **www. Shcptirupati.com**. The website is updated regularly about the courses, syllabus, faculty list, approvals, admissions, events etc.



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6.2.12 What are the feedback mechanisms and documentations to evaluate the outcomes of these exercises?

- Feedback is collected from all the peers and evaluated regularly. All the documents thus obtained are well preserved.

6.3 Faculty Empowerment Strategies

6.3.1 What efforts have been made to enhance the professional development of teaching and non-teaching staff? What is the impact of Continuing Professional Development Programs in enhancing the competencies of the university faculty?

- The Institute always encourages its staff to enhance professional development of both teaching and non-teaching staff.

For Teaching Staff:

- On duty leave to attend Conferences and Professional Development programs.
- Conducting in house Faculty Development programs and workshops.
- Guest lectures by eminent personalities on various topics.
- Cash award for publication in national and international journals.

For Non-Teaching Staff:

- Communication Skills, Interpersonal Skills
- Work life balance
- Life support and emergency management programs etc

These programs help both teaching and non-teaching staff to update knowledge and skills and to enhance competencies.



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6.3.2 What is the outcome of the review of various appraisal methods used by the institution? List the important decisions.

- Teaching staff:

Students: Students at the end of each academic year appraise each faculty on various teaching methods used by the concerned faculty. These are analyzed and communicated to the concerned faculty to improve / modify as per the feedback given by the students.

The heads of the department appraises the staff based on their work done, performances, publications and presentations in Conferences etc.

The Principal also appraises based on the HOD appraisal and recommends for annual increment.

- Non-teaching

Salary appraisal is done based on the feedbacks given by the heads of the department / administrative officers.

- Based on these evaluations annual increments / incentives are given.

6.3.3 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have benefitted from these schemes in the last four years? Give details.

- The following welfare schemes are available for both teaching and non-teaching staff.
 - PF and gratuity to all the eligible staff.
 - Transport facilities. (100%)
 - Recreational activities (100%)
 - Paid medical leaves and maternity leaves to all the eligible staff.
 - Preferential admissions for children in the College.



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- Subsidized canteen facility.

6.3.4 What are the measures taken by the institution for attracting and retaining eminent faculty?

- The Institution takes all the possible measures to attract and retain eminent faculty like:
 1. Attractive pay structure
 2. Paid leave and reimbursement of registration charges to faculty to attend national and international conferences.
 3. Immediate promotion after attaining the required service irrespective of cadre strength.
 4. Encouragement to pursue PhD.
 5. Gratuity after completion required service.
 6. Performance based additional incentives.
 7. Regular programs to upgrade Knowledge and skill.
 8. Research is encouraged and funds for research are given.
 9. Grooming of capable staff for leadership roles.

6.3.5 Has the institution conducted a gender audit during the last four years? If yes, mention a few salient findings.

- Yes, the institution conducts gender audit and the breakup of male and females during last four years is as follows,

Faculty

SL.NO	YEAR	MALES	%	FEMALES	%
1	2012-13	17	85	03	15
2	2013-14	17	77	05	23



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3	2014-15	29	83	06	17
4	2015-16	30	86	05	14
5	2016-17	27	71	11	29

UG Students

SL.NO	YEAR	MALES	%	FEMALES	%
1	2012-13	81	49	85	51
2	2013-14	74	43	99	57
3	2014-15	89	39	137	61
4	2015-16	115	41	164	59
5	2016-17	132	41	187	59

PG Students

SL.NO	YEAR	MALES	%	FEMALES	%
1	2012-13	18	58	13	42
2	2013-14	33	70	14	30
3	2014-15	41	67	20	33
4	2015-16	23	64	13	36
5	2016-17	12	41	17	59

Pharma - D

SL.NO	YEAR	MALES	%	FEMALES	%
1	2012-13	11	37	19	63
2	2013-14	23	39	36	61
3	2014-15	32	36	57	64
4	2015-16	41	34	78	66
5	2016-17	53	36	96	64

Pharma - D (PB)

SL.NO	YEAR	MALES	%	FEMALES	%
1	2014-15	1	33	2	67



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2	2015-16	0	0	0	0
3	2016-17	0	0	0	0

6.3.6 Does the institution conduct any gender sensitization programs for its faculty?

- Yes, the institution conducts gender sensitization programs for its faculty. The institute celebrates women's day and women's grievance and redressal committee is present in the college to address grievances, if any.

6.3.7 How does the institution train its support staff in better communication skills with patients?

- Not Applicable

6.3.8 Whether the research interests of teaching faculty are displayed in the respective departments?

- Yes, both the ongoing and completed research projects are displayed on the Notice Boards of respective departments.

6.3.9 Do faculty members mentor junior faculty and students?

- Yes, each faculty member is allotted 12-15 students for mentoring and counseling for student's overall well being.
- Senior staff mentor guide the junior staff in academic, clinical and activities like preparation of study material, admin aspects of the department etc.

6.3.10 Does the institution offer incentives for faculty empowerment?

- Yes, the institution offers incentives for faculty by providing registration fee, travel and dearness allowances, special leaves etc for attending conferences, seminars and faculty development programs.



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6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism available to monitor the effective and efficient use of financial resources?

- The Educational Society monitors the effective and efficient use of financial resources by annual external and internal auditing. All revenue and expenses are estimated for budgeting and fund allocation.

6.4.2 Does the institution have a mechanism for internal and external audit? Give details.

- Yes, the institution has statutory auditors to audit all the annual accounts and also has an internal auditing system for auditing in major areas of expenditure.

6.4.3 Are the institution's accounts audited regularly? Have there been any audit objections, if so, how were they addressed?

- Yes, the institution's accounts are audited by statutory auditors regularly on annual basis and no objections have been reported so far.

6.4.4 Provide the audited statement of accounts with details of expenses for academic, research and administrative activities of the last four years.

- The audited statements of accounts with details of expenses for academic, research and administrative activities of the institute for the last four years are on record and available.

6.4.5 Narrate the efforts taken by the institution for resource mobilization.

- Being a self-financed Institute, the main source of revenue is fees collected from the students, funds generated through consultancy services and research projects.
- The Management also provides as and when required.



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6.4.6 Is there any provision for the institution to create a corpus fund? If yes, give details.

- Yes. There is a provision to create corpus fund which is used for purchase of equipment, providing assistance to undertake research, attending conferences etc.

6.4.7 What are the free / subsidized services provided to the patients in the hospital?

- Not Applicable

6.4.8 Does the institutions receive fund from philanthropic organizations / individuals towards patient care? If yes, give details.

- Not Applicable

6.4.9 Do patients from other states / abroad come for treatment, reflecting the unique quality health care provided by the institution?

- Not Applicable

6.5 Internal Quality Assurance System

6.5.1 Does the institution conduct regular academic and administrative audits? If yes, give details.

- Yes. The institution conducts regular academic and administrative audits.
- Academic audit is conducted by the Principal with all the statutory Committees and reviews whether they are following calendar of events.
- Administrative head conducts administrative audit periodically.

6.5.2 Based on the recommendations of the Academic Audit, what specific follow up measures have been taken by the institution to improve its academic and



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administrative performance?

- Based on the recommendation of the academic audit several measures were incorporated to maintain consistency in faculty teaching dairies, completion of syllabus and laboratory scheduling. Feedback forms are evaluated to improve on the teaching, learning and evaluation processes. Based on recommendations by the academic audit -mentorship, ICT based learning; special classes for slow learners were introduced to improve overall performance of students.
- Administrative audit is conducted quarterly and the performance is evaluated and reviewed.

6.5.3 Is there a central unit within the institution to review the teaching-learning process in an ongoing manner? Give details of its structure, methodologies of operations and outcome?

- Yes, the institution has a centralized body to review teaching and learning process. The structure comprises of the academic council and curriculum committee. These committees ensure that all the theory classes, Lab postings and other teaching and learning processes are meticulously followed. The Committees monitors the operations biannually, the outcome of the reviews are discussed and implemented.

6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

- The primary object of IQAC is to suggest and guide to improve the academic and administrative performance of the institution. The IQAC has contributed in:
 - Academic processes: Quality education through quality teaching and learning process.
 - Laboratory Learning Processes: Quality and uniform teaching and practical learning in the laboratory better understanding.



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- Administrative processes: Systematic, organized and ease in managing the administrative processes of the institution.
- 6.5.5 How many decisions of the IQAC have been placed before the statutory authorities of the institution for implementation?
- IQAC was recently constituted.
- 6.5.6 Are external members represented in the IQAC? If so, mention the significant contribution made by such members.
- **Yes.** There are external members in the IQAC.
- 6.5.7 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?
- For incremental academic growth of students from disadvantaged sections of the society facility of book bank, special classes and subsidized mess are provided.
- 6.5.8 Are there effective mechanisms to conduct regular clinical audit of the teaching hospital? Give details.
- Not Applicable
- 6.5.9 Has the institution or hospital been accredited by any other national / international body?
- Yes. ISO 9001 -2008
- 6.5.10 Does the hospital have institutional and individual insurance schemes to cover indemnity claims?
- Not Applicable

Any other information regarding Governance, Leadership and Management which the institution would like to include.



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CRITERIA VII INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the institution conduct a Green Audit of its campus?

- Yes. The institution has a green audit policy for the campus to address the related issues like eco-friendly campus, waste management, carbon neutrality, energy conservation etc. Regular energy audits are conducted in the institution to optimize power consumption and the suggestions given through audits are implemented.

7.1.2 What are the initiatives taken by the institution to make the campus eco-friendly?

*** Energy conservation**

- To conserve energy the institution followed certain measures like
 - Replacing of normal bulbs with LED bulbs to lower energy consumption.
 - Replaced plastic in canteen with paper cups.
 - Considered joining a carpool to get to work for all senior Faculties.
 - Invested in buying green cleaning supplies instead of the harsh chemical products.
 - Students were encouraged to use power-strips on all appliances and electronics and turn them off every day when they leave hostel rooms.
 - Unplug cell phone charger everyday while leaving the room.



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- Turn off the lights and fans when leaving the room even for 15 minutes.
 - We reviewed our campus's recycling rules and made sure that nothing is unnecessarily thrown away.
 - We have started creating compost by organic waste in the hostel.
 - Planning to install outdoor solar street lighting.
- * **Use of renewable energy**
- All the Hostels are equipped with solar water heaters of 500 lts capacity for continuous supply of heat water in the hostels.
- * **Water harvesting**
- Rain Water harvesting pits are dug in the campus.
- * **Solar panels**
- Available for heating water in the hostels. The Management is planning to install street lights in the campus.
- * **Efforts for carbon neutrality**
- The following efforts are made for carbon neutrality.
 - Many plants and trees are planted and maintained.
 - The campus has been declared as NO SMOKING ZONE
 - No vehicle is allowed inside the campus to have pollution free environment.
 - Green lush lawns are maintained in the campus



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* Plantation - Botanical or Medicinal significance

- Yes. There is a separate garden with medicinal herbal plantations

* Bio-hazardous waste management

- Bio hazardous waste management is carried out as per the standard protocols and guidelines.
- The waste generated from the microbiology labs, chemistry and other labs are carefully discarded through proper channels where the sewage system has been done in eco-friendly manner.
- Animal waste in pharmacology laboratory is disposed in deep pits which are covered and closed with thick layer of earth.

* E-waste management

- The IT department collects all the unused electronic equipment for recycling / disposal.

* Effluent treatment and recycling plant

- No. Since this is a small institute set up in remote village not required.

* Recognition / certification for environment friendliness

- Not required.

* Any other (specify)

7.1.3 How does the institution ensure that robust infection control and radiation safety measures are effectively implemented on campus?



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- The institute maintains all the protocols of infection control.

Cleaning: Cleaning is normally conducted by Housekeeping staff by decontaminating, also known as sanitization thorough physical cleaning using water and detergents. This reduces the bulk of microbial load.

Personal Protective Equipment: Personal protective equipment such as masks, gloves, gowns are used wherever required.

Equipment: All the instruments and devices used are sterilized using autoclaves. Noncritical items are disinfected using chemical agents phenols, hydrogen peroxide.

Radiation Safety Measures: Not Applicable

7.1.4 Has the institution been audited / accredited by any other agency such as NABL, NABH, etc.?

- ISO-9001-2008

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the institution.

- At the beginning of every academic year the Institute conducts an orientation programs and counseling sessions to all its fresh students so as to create a mindset conducive to learning Pharmacy. Through these programs he/she gets a bird's eye view about the college, rules and regulations, do's and don'ts during their stay in the campus and also about the course.
- The academic calendar helps the student to plan for lessons and tests beforehand.



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- Apart from lectures sessions, laboratory training using state of the art techniques, employment of novel teaching methods like power points are used for easy understanding of the subject.
- The NSS program creates a sense of responsibility and awareness in the student, and instills an impetus to learn in order to serve the community.
- Emphasis is placed on extra circular activities like sports, games and cultural activities so as to provide students a break from regular academics and to refresh.
- Study Hours from 5.00PM to 8.00PM is made compulsory for all the inmates and provided with teaching assistance to guide and assist in clearing the doubts in the course of regular classes. This helps the student to abreast day to day lessens and plan for the next day class.

7.3 Best Practices

7.3.1 Give details of any two best practices that have contributed to better academic and administrative functioning of the institution.

BEST PRACTICE: I

Drug Information Services

1. **Title of the Practice:** Mobile Drug Informaton Services

2. **Objectives of the Practice**

- To provide information services to rural people about the adverse reaction of Medicine and also management of Poison and its management.
- To provide accurate, complete and unbiased information about drugs and its use.



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- To educate rural people and to update pharmacy students with recent drugs available in market to serve as effective providers of drug information.

3. The Context

- In the context of adverse reaction and overdose of drugs due to unawareness of adverse effects of overdose of drugs.
- Most of the rural population are not aware of the management of accidental poisoning and snake bites.

4. The Practice

- Drug information services serves the rural public and health care professionals by not only providing information regarding control and management of accidental poisoning, snake bites and overdose of medicines but also educate about patient care by educating them about rational use of medicine.
- Drug information service also takes calls from the general public, pharmacy students, physicians and other health care professionals and provides reliable information for all the queries.
- Drug information services are also extended to Schools, workplaces, hospitals and other health care providers. The information services provides services to pharmacists, physicians who are specialized in drug information, poison control and management.

5. Evidence of Success

- With the provision of providing drug information services to rural people through mobile van, people are educated about overdose and use of unnecessary drugs. People are also educated about management of



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accidental poisoning and snake bites. There is overwhelming response from the rural areas for such kind educational programs.

6. Problems Encountered and Resources Required

- Initially there were no problems and issues as there was overwhelming response from the people for such kind of informative education. However, people are reluctant to attend such educational programs as most of the time they are busy with farm work. However, keeping in view of importance of the educating rural people about drug information, the students are convencing to atteng such an important program.

BEST PRACTICE - II

1. Title of the Practice: Coaching for High Performance through Mentors

2. Objectives of the Practice

- To strive for higher performance of students and over all development of students joined with the College.
- To provide coaching for over all growth and performance of the students in studies and related aspects.
- To monitor over all performance of the students during his stay in the college.

3. The Context

- Coaching and mentoring can directly affect the bottom line of any student. It is a critical tool to monitor and observe students performance and over all development in his behavior, attitude, health, decipline and performance of the student.



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- Coaching and mentoring in a way help the student in promoting his overall development and performance in education and skill development.

4. The Practice

- Each faculty member is allotted 10-12 students to coach and observe the students in their studies and in over all performance.
- The mentors meet the mentees regularly and enquire the over all performance and also to clear any doubts and to counsel if necessary.
- The mentors constantly monitor and if require keep in touch with the parents and informs the over all performance of the student.

5. Evidence of Success

- As there is regular monitoring the performance of the students there is drastic improvement in attendance, discipline, and performance of the students.
- Students are freely expressed their problems both academic and personal to the mentors who inturn help the students to overcome any problems related to education and overall performance of the student.



PART III

EVALUATION REPORT OF THE DEPARTMENTS



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3. Evaluative Report of the Department

1. Name of the Department : B. Pharmacy
2. Year of establishment : 2007
3. Is the Department part of a college/Faculty of the university?
 - Yes. Part of Seven Hills College of Pharmacy
4. Names of programs offered (UG, PG, Pharm D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M. /M.Ch. Super specialty fellowship, etc.)
 - Under Graduate program : B. Pharmacy
5. Interdisciplinary programs and departments involved
 - All the PG departments are involved in teaching B. Pharma subjects.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
 - Nil
7. Details of programs discontinued, if any, with reasons
 - Nil
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
 - Semester Examinations conducted by Affiliating University.
9. Participation of the department in the courses offered by other departments
 - Teaching staff of the department are also involve in courses offered by PharmaD and PB courses.
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate



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Professors/ Asst. Professors/ others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	4	4	
Associate Professor/Reader	6	6	
Assistant Professors	23	23	

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S No	Name	Qualification	Designation	Specialization	No. Of Years Of Experience As On 1.1.2017
1.	Dr. Subhashis Debnath	M. Pharm Ph.D	Professor & HoD	Pharmaceutics	9
2.	Dr. Lavanya Yaidikar	M. Pharm Ph.D	Professor & HoD	Pharmacology	1
3.	Dr. Badrud Duza Mohammad	M. Pharm Ph.D	Professor & HoD	Pharmaceutical Analysis	8
4.	Priyanka DL	M. Pharm Ph.D	Professor & HoD	Pharmacognosy	2
5.	G. Venkataramana	M. Pharm	Associate Professor	Industrial Pharmacy	7
6.	Pranabesh Sikdar	M. Pharm (Ph.D)	Associate Professor	Pharmaceutical Chemistry	7
7.	P. Mahipal	M. Pharm	Associate Professor	Pharmacology	6
8.	Mogal Altaf M Pharm	M. Pharm	Associate Professor	Pharmaceutics	6
9.	M. Shankar	M. Pharm (Ph.D)	Associate Professor	Pharmaceutical Chemistry	6



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10.	Debarshi Datta	M. Pharm	Associate Professor	Pharmaceutics	7
11.	Venkatrao Kodagandla	M. Pharm	Assistant Professor	Pharmacology	4
12.	K. Varadrajan	M. Pharm	Assistant Professor	Pharmaceutical Analysis	4
13.	Pugazhenthir R	M. Pharm	Assistant Professor	Pharmacology	4
14.	Sourav De	M. Pharm	Assistant Professor	Pharmaceutical Chemistry	4
15.	D. Lavanya	M. Pharm	Assistant Professor	Pharmaceutical Chemistry	3
16.	Vineela Ruth	M. Pharm	Assistant Professor	Pharmaceutical Analysis	3
17.	Subhankar Saha	M. Pharm	Assistant Professor	Pharmacology	4
18.	Gayathri V G	M. Pharm	Assistant Professor	Pharmaceutics	2
19.	L. Divya M Pharm	M. Pharm	Assistant Professor	Pharmaceutics	2
20.	Rajsekhar Penumali	M. Pharm	Assistant Professor	Pharmaceutical Analysis	2
21.	Mallikarjuna Gandla	M. Pharm	Assistant Professor	Pharmacology	2
22.	R.Sireesha	M. Pharm	Assistant Professor	Pharmaceutical Analysis	1
23.	E. Anka Rao	M. Pharm	Assistant Professor	Pharmaceutics	1
24.	C. Manga Devi	M. Pharm	Assistant Professor	Pharmacology	1
25.	D Swetha	M. Pharm	Assistant Professor	Pharmacology	1
26.	Venkatesan R	M. Pharm	Assistant Professor	Pharmacy Practice	8
27.	Vadamala Prudhviraaj	M. Pharm	Assistant Professor	Pharmaceutics	1
28.	Harika K	M. Pharm	Assistant Professor	Pharmaceutics	1



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29.	Raj Kumar S	M. Pharm	Assistant Professor	Pharmaceutical Chemistry	2
30.	Charumathi Salva	M. Pharm	Assistant Professor	Pharmaceutical Analysis	1
31.	Koushik Sen Gupt	M. Pharm, Pharmaceutics	Assistant Professor	Pharmaceutics	1
32.	Hari Krishna M	M. Pharm Pharmaceutics	Assistant Professor	Pharmaceutics	1
33.	Charankumar R	M. Pharm Pharmaceutical Analysis	Assistant Professor	Pharmaceutical Analysis	1

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

- Nil

13. Percentage of classes taken by temporary faculty – program-wise information

- 5% only remedial Mathematics and English

14. Program-wise Student Teacher Ratio

UG Program
12 : 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Category	Sanctioned	Filled
Receptionist	4	4
Assistant	7	7
Dep. Secretary	1	1
Attender	8	8
Technician	6	6



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16. Research thrust areas as recognized by major funding agencies

- Nil

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

- The management is interested in funding research projects through Education Society and faculty are advised to identify thrust areas to undertake research projects.

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

- Nil

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- Nil

20. Research facility / centre with

- * State recognition – Yes, JNTUA
- * National recognition – Yes, PCI
- * International recognition – ISO 9001-2008

21. Special research laboratories sponsored by / created by industry or corporate bodies

- Vital Pharmaceutical limited, Hyderabad
- Cronus Research lab, Bangalore (Capsule filling machine Machine)
- Strides Acro lab limited, Bangalore (Tablet Punching Machine)



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- Milon labs, Bangalore

22. Publications:

* Number of papers published in peer reviewed journals (national / international)

Name Of The Faculty	No. Of Papers Published	No. Listed In Pubmed
Dr. Subhashis Debnath	38	14
Dr. Lavanya Yaidikar	10	5
Badrud Duza Mohammad	17	11
Priyanka	11	8
Pranabesh Sikdar	7	2
M. Shankar	44	14
Sourav De	07	04
D. Lavanya	07	03
Subhankar Saha	03	01
L. Divya	6	2
Mallikarjuna Gandla	06	03
D Swetha	02	01
Venkatesan R	4	2
Vadamala Prudhviraaj	04	02
Harika K	02	01
Charumathi Salva	01	01
Koushik Sen Gupta	06	03

Dr. Subhashis Debnath

S.No	Name of journal	Title
1	International Journal Of Pharmaceutical Sciences And Nanotechnology	Studies On The Preparation And Evaluation Of Chitosan Nanoparticles Containing Cytarabine.
2	Journal Of	Nanoparticles As Carriers For Drug



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	Chronotherapy And Drug Delivery	Targeting.
3	Research Journal Of Topical And Cosmetic Science	Formulation And Evaluation Of Herbal Antimicrobial Deodorant Stick
4	Research Journal Of Pharmacy And Technology.	Iontropic Gelation – A Novel Method To Prepare Chitosan Nanoparticles.
5	International Journal Of Pharmaceutical Frontier And Research.	Formulation And Evaluation Of Floatable In Situ Gel As Carrier For Stomach-Specific Drug Delivery Of Metoclopramide Hcl.
6	Research Journal Of Pharmacognosy And Phytochemistry.	Formulation And Evaluation Of Liquid Soap Containing Herbal Antimicrobial Agent.
7	Pharmanest	Nanoemulsion-A Method To Improve The Solubility Of Lipophilic Drugs.
8	Indo Global Research Journal Of Pharmaceutical Sciences.	Hair Testing: A Novel Analysis Of Tracing Of Drug
9	Research Journal Of Pharmaceutical Dosage Form And Technology.	Chronopharmaceutics As A Novel Approach For Clinically Relevant Drug Delivery System.
10	International Journal Of Drug Discovery And Technology.	Pulsatile Drug Delivery System (PDDS): A Review.
11	Research Journal Of Pharmacy And Technology.	A Review On Solid Lipid Nanoparticles.
12	Research Journal Of Pharmacy And Technology.	Chitosan Nano Particles By Iontropic Gelation Containing L-Arginine
13	Journal Of Pharmacy Research.	Formulation And Evaluation Of Microspheres Of Lamivudine Prepared By Solvent Evaporation Method.
14	International Journal	Development And Validation Of First Order



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	Of Pharmaceutical Research & Analysis.	Derivative UV Spectrophotometric Method For The Estimation Of Tenofovir Disoproxil Fumarate, Lamivudine And Efavirenz In Bulk And Tablet Dosage Form.
15	Research Journal of Pharmacy And Technology.	Simultaneous Estimation Of Tenofovir Disoproxil Fumarate, Efavirenz And Lamivudine In Bulk And Tablet Dosage Form By UV Spectrophotometry.
16	Research Journal of Pharmacy And Technology.	Design, Development And Evaluation Of Novel Nanoemulsion Of Terbinafine Hcl,
17	Asian J. Pharm. Tech.	Preparation and Evaluation of Solid Dispersion Of Terbinafine Hydrochloride.
18	International Journal of Advances in Pharmaceutical Sciences	Emulgel: a new platform for topical delivery of lipophilic drug
19	Indo American Journal of Pharmaceutical Research	Evaluation of binding efficacy of mucilage of cissus quadrangularis in tablet dosage form
20	Indo American Journal of Pharmaceutical Research	Quality by design: a modern approach to pharmaceutical development
21	Indian Journal of Research in Pharmacy and Biotechnology	Preparation, characterization and evaluation of olmesartan medoxomil- β cyclodextrin complexes
22	International Journal of Research In Pharmaceutical And Nano Sciences	Chemically modified starches and their applications in pharmacy
23	Indian Journal Of Pharmaceutical Science & Research	A review on industrial safety
24	Indian Journal Of Pharmaceutical	Ocular drug delivery- a review



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	Science & Research	
25	International Journal of Pharmacy Review & Research	Nanoparticles a novel approach-a review
26	Indian Journal Of Pharmaceutical Science & Research	A review on dosage regimen
27	International Journal of Innovative Drug Discovery	Transdermal drug delivery system-a review
28	International Journal of Advanced Pharmaceutics	Review on drug targeting to brain
29	Indian Journal of Research In Pharmacy and Biotechnology	Applications Of Organogels In Drug Delivery
30	International Journal of Pharmaceutical Formulation And Analysis	Bioanalytical Method Development And Biological Assessment Of Terbinafine HCL In Vivo From Nanoemulsion And Other Dosage Forms
31	Australian Journal Of Pharmaceutical Research	Formulation And Evaluation Of Extended Release Tablets Of Ranolazine
32	Indo American Journal Of Pharmaceutical Research,	Cefexime Loaded Muco-Adhesive Micro Sphere Preparation Using Sodium Alginate Polymer
33	Indo American Journal Of Pharmaceutical Research,	Formulation And Evaluation Of Sublingual Tablets Of Nimodipine
34	Research Journal Of Pharmaceutical	Food As A Vaccine



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	Dosage Forms And Technology	
35	International Journal of Novel Trends In Pharmaceutical Sciences	Formulation And Evaluation Of Mucoadhesive Bilayer Buccal Tablets Of Amphotericin B Hydrocarbon
36	International Journal of Novel Trends In Pharmaceutical Sciences	Formulation And Evaluation Of Transdermal Patch Containing Amphotericin B
37	International Journal of Novel Trends In Pharmaceutical Sciences	Formulation And Evaluation Of Nanoemulsion Of Amphotericin B
38	Pharma Times	Radiopharmaceuticals And Their Therapeutic Applications In Health Care System

Dr. Lavanya Yaidikar

S.No	Name of journal	Title
1.	Pharmacological Reports	Arjunolic acid, a penta cyclic triter penoidal saponin of <i>Terminaliaarjuna</i> bark protects neurons from oxidative stress associated damage in focal cerebral ischemia and reperfusion.
2.	Molecular and Cellular Biochemistry.	Punicalagin attenuated cerebral ischemia reperfusion insult via inhibition of proinflammatory cytokines, up-regulation of Bcl-2, down-regulation of Bax and Caspase-3.
3.	Journal of Stroke and Cerebrovascular diseases.	Neuroprotective effect of punicalagin against cerebral ischemia reperfusion induced oxidative brain injury.
4.	International Journal of Pharmacological and Toxicological	Protective role of Icariin against oxidative renal damage in cisplatin induced Nephrotoxicity.



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	Research	
5.	Journal of Acute Disease	<i>Hippophaesalicifolia</i> D. Donberrie sattaenuates cerebral ischemia reperfusion injury in a rat model of middle cerebral artery occlusion.
6.	Journal of Pharmaceutical and Scientific Innovation	Flavonoid rich fraction of willow leaved sea buckthorn berries attenuated ischemia reperfusion induced neurobehavioral deficit, excitotoxicity and associated neuronal damage.
7.	World Journal of Pharmaceutical Sciences.	Antioxidant potential of arjunolic acid in an <i>in-vitro</i> system of precision cut goat liver slices subjected to oxidative stress.
8.	International Research Journal of Pharmacy	Ameliorative effect of <i>Tinosporacordifolia</i> on sciatica pain induced rats.
9.	Journal of Innovative Trends in Pharmaceutical Sciences	CNS Targeted Drug Delivery: Current Perspectives,
10.	Der Pharma Chemica	Synthesis, Hydrolysis Studies and Pharmacodynamic Profiles of Novel Colon-Specific Mutual Prodrug of Aceclofenac with Amino Acids,

Dr. Badrud Duza Mohammad

S.No	Name of journal	Title
1.	Journal of Pharmacy and Biological Sciences	Determination Of FTIR Spectroscopic Invitro Drug Compatibility Of Terbinafine Hydrochloride With Different Solvent Systems
2.	Int J Pharm Bio Sciences	Isolation, screening and optimization of growth parameters for amylase production



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		by Bacterial isolates screened from soil sediments near agriculture fields, fish culture ponds, timber depot and oil mills
3.	International Journal of Applied Sciences and Biotechnology	Optimization Studies on Cellulase production from Bacillus anthracis, Ochrobactrum anthropi (YZ1) isolated from soil
4.	Indo American Journal of Pharm Research	Method Development And Validation For Simultaneous Estimation Of Hydrochlorothiazide And Telmisartan In Bi-Layered Tablet Dosage Form by RP-HPLC.
5.	Journal of Pharmacy and Biological Sciences	Optimization of Lipase Production from Bacillus thuringiensis (TS11BP), Achromobacter xylosoxidans J2 (TS2MCN)-
6.	Indo American Journal of Pharm Research	Microbial Enzymes and their applications-A Review
7.	Int J Pharm Bio Sci	Isolation, Characterization and screening of Enzyme producing bacteria from different soil samples
8.	International Journal of Applied Biology and Pharmaceutical Technology	Development And Validation of Stability Indicating RP-HPLC Method For The Determination Of Metoprolol Tartarate
9.	International Current Pharmaceutical Journal	Development and validation of RP-HPLC method for the estimation of omeprazole in bulk and capsule dosage forms
10.	Pharmaceutical, Biological and Chemical.	Analytical Method Development and Validation of RP-HPLC Method for the determination of Gemcitabine in Bulk and Pharmaceutical Dosage Form



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11.	International Journal of Pharmacy	Bioanalytical Method Development and Validation for the Quantitation of Zolmitriptan by using LC-MS/MS,
12.	International Journal of Pharmacy and Pharmaceutical Sciences	Development And Validation Of RP-HPLC Method For The Determination Of Tirofiban In Pharmaceutical Dosage Form
13.	Journal of Chemical and Pharmaceutical sciences	Estimation of Hydrochlorothiazide in Pure and Pharmaceutical Dosage Forms by RP-HPLC
14.	Journal of Chemical and Pharmaceutical sciences	Method Development and Validation of Montelukast Sodium in Bulk and Pharmaceutical Dosage Forms by RP-HPLC
15.	Journal of Chemical and Pharmaceutical sciences	Estimation of Donepezil in Bulk and Pharmaceutical Dosage Forms By RP-HPLC
16.	International Journal of Research in Pharmacy and Chemistry	Kesinathreddy.k Quantitative estimation of valsartan in pure and capsule dosage forms by RP-HPLC,
17.	Int. J. Chem. Science	Quantification Method Development and Validation for Analysis of Rivastigmine in Bulk and Pharmaceutical Dosage form by RP-HPLC

Dr. Priyanka

S.No	Name of journal	Title
1.	Phytotherapy Research	Evaluation of the antipsoriatic activity of <i>Aloe vera</i> Leaf Extract Using a Mouse Tail Model of Psoriasis.



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2.	Pharmacognosy Magazine	Antipsoriatic activity and Cytotoxicity of ethanolic extract of <i>Nigella sativa</i> seed extract.
3.	Pharmacognosy communications	Hepatoprotective activity of <i>Santolina chamaecyparissus</i> Linn against D-Galactosamine Induced Hepatotoxicity in Rats
4.	Hygeia.J.D.Med	Antipsoriatic activity and Cytotoxicity of ethanolic extract of <i>Psoralea corylifolia</i> seeds., 2012, 4 (2), 41-48.
5.	Hygeia.J.D.Med	Development and Validation of a UFLC Method for Simultaneous Estimation of Quercetin and Rutin
6.	IJHAS	The Potential Therapeutic Targets for Cervical Cancer, , 2013, 2(2), 69-74
7.	Pharma Times	The Recent Surge in Herbal Pharmaceuticals
8.	Pak J Pharma Sci.	Development and validation of reverse phase - Ultra Fast Liquid Chromatography (RP-UFLC) method for simultaneous estimation of Curcumin and Piperine.
9.	J Bioequiv Availab	Bioanalytical method development and validation for herbal quercetin in nano formulation by RP-UFLC in rabbit plasma
10.	Hygeia.J.D.Med	Formulation and evaluation of cream containing antifungal agents, anti bacterial agents and corticosteroids.
11.	Hygeia.J.D.Med	Development and validation of a RP-UFLC method for estimation of synthetic steroid hormone Danazol.

Mr. Pranabesh sikdar

S.No	Name of journal	Title
1.	Asian Journal Of	An Overview On Breast Cancer



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	Pharmaceutical Analysis And Medicinal Chemistry	And Its management
2.	Asian Journal Of Pharmaceutical Analysis And Medicinal Chemistry	Computer Aided Drug Design For Human Rhinovirus From Phenoxy Derivatives
3.	International Journal Of Novel Trends In Pharmaceutical Sciences	In-Vitro Antioxidant Activity Of Hydroalcoholic Extract Of Gracilaria Edulis (Gmelin)
4.	Indo American Journal Of Pharmaceutical Research	Extraction And Antibacterial Activity Of Gracilaria Edulis
5.	Journal Of Pharmacy Research	Synthesis And Antimicrobial Activity Of Some Novel Ciprofloxacin Analogues
6.	Pakistan. Journal. Pharm. Science	Synthesis And Biological Evaluation Of Some Schiff Bases Of [4-(Amino) -5- Phenyl- 4h-1, 2, 4-Triazole- 3- Thiol]
7.	International Journal Of Novel Trends In Pharmaceutical Sciences	An Overview On Polycystic Ovary Syndrome And Its Treatment

Mr. M. Shankar

S.No	Name of journal	Title
1.	Pharmaceutical Chemistry Journal (springer)	Synthesis and biological evaluation of new bis-indolyl (3-o-benzyl-1,2-o iso propylidenexylopentadial dose-a-d-glucofuranose)
2.	Pelagia Research Library	Anti oxidant activity of methanolic extracts of female borassus flabellifer leaves and roots
3.	Int. J. Pharm & Ind. Res	Preliminary phytochemical and diuretic potential of methanolic extract of azima tetra cahntham lam., leaf
4.	Journal of Pharmacy	Study of anti diabetic and anti



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	Research	oxidant activities of methanolic extract of <i>Xanthium strumarium</i> (Linn.) stems on diabetic rats
5.	Asian J. Research Chem	Denovo Design of the Lead against Cyclo-Oxygenase Receptor
6.	International Journal of Pharmaceutical Sciences and Nanotechnology	Pharmaceutical Applications of Carbon Nanotube-Mediated Drug Delivery Systems
7.	International Journal of Phytopharmacology	Extraction And Preliminary Phytochemical Investigation On Whole Plant Of <i>Peperomia Tetraphylla</i> (G.Forst.Hook & Arn)
8.	International Journal of Pharmacy & Therapeutics	Pharmacognostical studies on the leaves of <i>vigna radiata</i> (L.) R. Wilczek
9.	Indian Drugs	Treatment of obesity through herbal therapy
10.	Indian Journal of Pharmaceutical Science & Research	Advantages of insulin pump over other insulin injection
11.	International Journal of Pharmacy and Pharmaceutical Sciences (Elsevier)	Synthesis and biological evaluation of novel pyrazolyl bis-indolylmethane
12.	IJPPDR	Design and in-vitro evaluation of mouth dissolving tablets of pioglitazone hydrochloride by using novel coprocessed super disintegrants
13.	International Journal of Applied Research in Natural Products (Taylor and francis)	Screening of the Methanolic Extract of <i>Eugenia Jambolana</i> Leaf for its Hepatoprotective Activity in Carbon Tetrachloride induced rats
14.	International Journal of Biological & Pharmaceutical Research	Anticonvulsant Activity of Leaf Extract of <i>Vigna radiata</i> (L.) Wilezek
15.	International Journal of Phytopharmacology	Pharmacognostic and Priliminery Phytochemical Investigation on Leaf



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		Extracts of <i>Myristica dactyloides</i> gaertn
16.	Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry,	Computer aided drug design for human rhinovirus from phenoxy derivatives.
17.	International Journal of Applied Research in Natural Products (Taylor and francis)	Hepatoprotective Activity of Methanolic Extract of Oldenlandia Herbacea Against D - Galactosamine Induced Rats
18.	International Journal of Novel Trends in Pharmaceutical Sciences	Genomic/ Personalized Medicine: A strategy to revolutionize health care system
19.	International Journal of Phytopharmacology	Evaluation of anti-ulcer activity of methanolic extract of balanites aegyptiaca Bark
20.	International Journal of Research in Pharmaceutical and Nano Science,	Development and Characterization Of An Antimicro tubular Taxane Loaded Mpeg-B-Pcl Nanoparticles
21.	Asian journal of Research in Pharmaceutical Sciences and Biotechnology,	Nano medicine: a novel class of drug delivery system.
22.	Asian journal of Research in Chemistry and Pharmaceutical Sciences,	Formulation and in vitro evaluation of levofloxacin oral dispersible tablets.
23.	Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry,	Stability Studies: A Review
24.	European Journal of Pharmacology & Toxicology	Stem Cells - A review
25.	Singapore Journal of Pharmaceutical Research,	Anti-hyperlipidemic activity of the methanolic extract of eugenia jambolana bark in high fat diet induced hyperlipidemic rat
26.	World Journal of Pharmacy and Pharmaceutical Sciences (Pubmed)	A review - importance of nano technology in pharmaceutical preparation
27.	European Journal of	Importance of structural activity



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	Pharmaceutical Science and Research	relationship in computer aided drug design - a review
28.	Der Pharmacologia Sinica	Wound healing and its importance- a review.
29.	Asian Journal of Phytomedicine and Clinical Research	Phytochemical Investigation and Antibacterial Activity of Hydroalcoholic Extract of Terminalia bellirica leaf
30.	Asian Journal of Phytomedicine and Clinical Research	Food borne diseases an overview
31.	Acta Biomedica Scientia,	Antioxidant and its role - An Overview
32.	American Journal of Biological and Pharmaceutical Research	Types and Importance of Berries - A Review
33.	International Journal of Pharmacy and Pharmaceutical Sciences (Elsevier)	Anti-diabetic activity of hydro alcoholic extract of eugenia jambolana leaves in alloxan induced diabetic rats
34.	Research journal of Pharmacy and Technology	In-Vitro Antioxidant Activities of Various Extracts of Eugenia jambolana Leaves.
35.	International Journal of Novel Trends in Pharmaceutical Sciences	Advantages of inhaled insulin over insulin injection.
36.	International Journal of Novel Trends in Pharmaceutical Sciences,	Chikungunya vaccine 2014 - A current view
37.	International Journal of Novel Trends in Pharmaceutical Sciences,	A current view on new cancer drugs (2014-USFDA approved) over old drugs.
38.	New Horizonsin Translational Medicine (Elsevier)	Characterization and Biological Evaluation of Tetrazole Derivatives with Copper Ion
39.	Acta Biomedica Scientia	Blood substituents an overview.
40.	American Journal of Biological and	A current view on alopecia areata.



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	Pharmaceutical Research	
41.	American Journal of Oral Medicine and Radiology	Complementary and alternative medicine an overview.
42.	Acta Biomedica Scientia	A Overview On Difficulties And Drawbacks Associated With Animals In Drug Development
43.	American Journal of Biological and Pharmaceutical Research	A over view on molecular docking.
44.	European Journal of Molecular Biology and Biochemistry,	A Current View nn Microsponge Drug Delivery System

Mr. Sourav De

S.No	Name of journal	Title
1.	International Journal of Pharmacy and Pharmaceutical	Structure based design of few substituted piperidones
2.	Mintage Journal of Pharmaceutical & Medical Sciences	A Review Article On Importance of Heterocyclic Compounds
3.	Indo American Journal of Pharmaceutical Research	'Review on cardiac glycosides in cancer research and cancer therapy
4.	Mintage Journal of Pharmaceutical & Medical Sciences	Study of few tetralone derivatives
5.	International Journal of Pharmaceutics & Drug Analysis	A review on newly approved anti cancer drugs
6.	Publisher: LAP Lambert Academic Publishing AG & Co KG.	Study of few polysubstituted piperidone analogs
7.	Publisher: LAP Lambert Academic Publishing AG & Co KG.	Study of few Tetralone analogs

Ms. D. Lavanya



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S.No	Name of journal	Title
1.	Indo American Journal of Pharmaceutical Research	Phytochemical Screening, Isolation And Evaluation Of Analgesic Activity On The Leaves Of <i>Gymnema Sylvestre</i>
2.	Mintage journal of pharmaceutical & medical research	Synthesis, Characterization And Antimicrobial Screening Of Imidazo Thiadiazole Derivatives.
3.	International journal of research & development in pharmacy & life sciences	Formulation and invitro evaluation of neviripine extended release matrix tablets
4.	Mintage journal of pharmaceutical & medical research	Preparation and evaluation of gastro retentive floating tablets of quentapine fumarate.
5.	International journal of novel trends in pharmaceutical sciences	An overview on polycystic ovary syndrome & its treatment.
6.	Research journal of pharmaceutical dosage forms and technology	Food as vaccine a review article
7.	Journal of international pharmaceutical sciences	FTIR spectroscopic invitro drug compatibility determination of zidovudine with different solvents.

Mr. Subhankar Sah

S.No	Name of journal	Title
1.	Research Journal of Medicinal Plant	In vivo assessment of Antidiabetic & Antioxidant activities of <i>Blumea balsamifera</i> in Streptozotocin diabetic rats.
2.	Scholars Academic Journal of Pharmacy	Synthesis, Characterization & Evaluation of Anticonvulsant activity of some novel 4 Thiazolidinone derivatives.



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3.	World Journal of Pharmaceutical and Medical Research	A review on cardiac arrhythmia and cardiac ablation: invasive techniques and future perspective
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Mr. Mallikarjuna Gandla

S.No	Name of journal	Title
1.	International Journal of Pharmaceutical Sciences Review and Research	Evaluation of Anticancer activity of <i>Sida cordifolia</i> L. against Aflatoxin B1 induced hepatocellular carcinoma
2.	Indo American Journal of Pharmaceutical Research	Anticancer activity of <i>Sida acuta</i> Burm. f. against Nitrosodiethylamine and CCl ₄ induced Hepatocellular carcinoma
3.	International Journal of Pharmaceutical Sciences Review and Research	Antilithiatic activity of <i>Trianthema portulacastrum</i> and <i>Gymnema sylvestre</i> against ethylene glycol induced urolithiasis.
4.	International Journal of Phytopharmacology	Pharmacological Activities of <i>Sida cordifolia</i> L. An Overview.
5.	Journal of Pharmacy Research	Mechanisms for Hepatotoxicity Induced By Anti-Tubercular Drugs A Review
6.	Journal of International Pharmaceutical Sciences	Anti-arthritis activity of <i>ocimum gratissimum</i> l. On complete Freund's adjuvant induced arthritic rat model

Mr. B Narasimhulu

S.No	Name of journal	Title
1.	Journal of International Pharmaceutical Sciences	Initiation & Evaluation of Drug Information Services in & around Chittoor District

Mrs. D Swetha



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S.No	Name of journal	Title
1.	Reasearch journal of pharmaceutical dosage form and technology	Chronopharmaceutics as a novel approach for clinically relevant drug delivery system
2.	Reasearch journal of topical and cosmetic sciences	Formulation and Evaluation of multipurpose herbal wash

Venkatesan R

S.No	Name of journal	Title
1	Perspectives in clinical research	Role of community pharmacists in improving knowledge & glycemc control of type 2 diabetes
2	Indian Journal of hospital Pharmacy	ADR monitoring in South Indian private tertiary care hospital. A prospective study.
3	International journal of Pharmacy & therapeutics	Intensive monitoring of ADR hospitalized patients in a South Indian tertiary care hospital
4	JIPS	A prospective study on role of community pharmacist in improving knowledge & glycemc control of type 2 diabetes patients in urban area.

Mr. Vadamala Prudhviraj

S.No	Name of journal	Title
1.	Inventi Rapid: NDDS	Formulation and evaluation of mucoadhesive buccal gel of Curcumin
2.	Indian Journal of Research in Pharmacy and Biotechnology (IJRPB)	Preparation, characterization and evaluation of olmesartan medoximil - β cyclodextrin



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		complexes
3.	Indo-American Journal of Pharmaceutical Research (IAJPR)	Quality by design : A modern approach to pharmaceutical development
4.	Inventi Rapid: Pharm Tech	Formulation and Evaluation of Metoprolol Tartarate Floating Microspheres

Ms. Harika K

S.No	Name of journal	Title
1.	International Journal Of Novel Trends In Pharmaceutical Science"	"Formulation and evaluation of nanoemulsion of amphotericin B".
2.	Journal Of International Pharmaceutical Sciences.	Formulation And Evaluation Of Emulgel Of Terbinafine Hydrochloride.

Ms. Rihana Begum Patnool

S.No	Name of journal	Title
1.	Journal of global trends in pharmaceutical sciences	Potentiality of newer oral antihyperglycemic combination therapy over conventional ones in type II DM
2.	World journal of pharmacy and pharmaceutical sciences	Pain management using NSAIDs in Orthopedic department in tertiary care hospital"

Ms. Charumathi Salva

S.No	Name of journal	Title
1.	Journal of Global trends in Pharmaceutical Science	A Simple RP-HPLC method for quantification of Carboprost Tromethamine in Injection dosage form

Mr. Koushik Sen Gupta



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S.No	Name of journal	Title
1.	Research Journal of Pharmacy and Technology	Design, development and <i>in vitro</i> evaluation of directly compressed sustained release matrix tablet of famotidine
2.	Journal of pharmaceutical research and health care	Formulation development and <i>in vitro</i> evaluation of sustained release matrix tablets of salbutamol sulphate
3.	Der Pharmacia Letter	Design, development, evaluation and optimization of gastro retentive floating tablets of atenolol
4.	Environmental Toxicology and Pharmacology	Expedition of <i>in vitro</i> dissolution and <i>in vivo</i> pharmacokinetic profiling of sulphur nanoparticles based antimicrobials
5.	Der Pharmacia Letter	Regression analysis a tool for optimization of matrix systems
6.	International Journal of Research in Pharmacy and Chemistry	Statistical optimization of matrix tablets using linear regression analysis

* Monographs - 2 (Two)

* Chapters in Books - 1 (One)

* Books edited- 1 (One)

* Books with ISBN with details of publishers - 1 (One)

1. Study of few Poly substituted piperidine analysis- ISBN 978384404971
2. Study of Few Tetralone analysis-ISBN 978383659877407
3. Controlled Drug Delivery system for Patient Compliance- ISBN 9783659885945

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)

* Citation Index - range / average



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- * SNIP
- * SJR
- * Impact Factor - range / average

Dr. Subhashis Debnath

S.No	Name of journal	Impact factor
1	Pharmanest	0.489
2	Research Journal of Pharmacy and Technology.	0.07
3	Journal Of Pharmacy Research.	0.14
4	Research Journal of Pharmacy and Technology.	0.18
5	Research Journal of Pharmacy and Technology.	0.07
6	Asian J. Pharm. Tech.	0.29
7	Indo American Journal of Pharmaceutical Research	2.37
8	Indo American Journal of Pharmaceutical Research	2.37
9	Indian Journal of Research In Pharmacy And Biotechnology	0.453
10	International Journal of Research in Pharmaceutical And Nano Sciences	0.879
11	Indian Journal of Pharmaceutical Science & Research	1.79
12	Indian Journal of Pharmaceutical Science & Research	1.79
13	Indian Journal of Pharmaceutical Science & Research	1.79
14	Indian Journal of Research in Pharmacy And Biotechnology	0.543
15	Indo American Journal of Pharmaceutical Research	2.37
16	Indo American Journal Of Pharmaceutical Research	2.37
17	Research Journal Of Pharmaceutical Dosage	1.26



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	Forms And Technology	
18	International Journal of Novel Trends In Pharmaceutical Sciences	0.675
19	International Journal of Novel Trends In Pharmaceutical Sciences	0.675
20	International Journal of Novel Trends In Pharmaceutical Sciences	0.675
21	Pharma Times	0.33

Dr. Priyanka

S.No	Name of journal	Impact factor
1.	Phytotherapy Research	2.6
2.	Pharmacognosy Magazine	1.5
3.	Pharma Times	0.9
4.	Pak J Pharma Science	2.04

Mr. M. Shankar

S.No	Name of journal	Impact factor
1.	Pharmaceutical Chemistry Journal (springer)	0.46
2.	Pelagia Research Library	1.09
3.	Int. J. Pharm & Ind. Res	0.29
4.	Journal of Pharmacy Research	0.78
5.	Asian J. Research Chem	0.39
6.	International Journal of Phytopharmacology	0.70
7.	Indian Drugs	1.2
8.	Indian Journal of Pharmaceutical Science & Research	0.762
9.	International Journal of Pharmacy and Pharmaceutical Sciences (Elsevier)	0.49
10.	IJPPDR	1.72
11.	International Journal of Applied Research in Natural Products (Taylor and francis)	2.02
12.	International Journal of Phytopharmacology	0.70
13.	Asian Journal of Pharmaceutical Analysis	0.68



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	and Medicinal Chemistry,	
14.	International Journal of Applied Research in Natural Products (Taylor and francis)	2.02
15.	International Journal of Novel Trends in Pharmaceutical Sciences	1.5
16.	International Journal of Phytopharmacology	0.7
17.	International Journal of Research in Pharmaceutical and Nano Science,	0.92
18.	Asian journal of Research in Pharmaceutical Sciences and Biotechnology,	0.80
19.	Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry,	0.68
20.	World Journal of Pharmacy and Pharmaceutical Sciences (Pubmed)	6.04
21.	Asian Journal of Phytomedicine and Clinical Research	0.89
22.	International Journal of Pharmacy and Pharmaceutical Sciences (Elsevier)	0.49
23.	Research journal of Pharmacy and Technology	1.34
24.	International Journal of Novel Trends in Pharmaceutical Sciences	1.5
25.	International Journal of Novel Trends in Pharmaceutical Sciences,	1.5
26.	International Journal of Novel Trends in Pharmaceutical Sciences,	1.5
27.	New Horizonsin Translational Medicine (Elsevier)	2.7

Mr. Sourav De

S.No	Name of journal	Impact factor
1.	International Journal of Pharmacy and Pharmaceutical	0.49
2.	Mintage Journal of Pharmaceutical & Medical Sciences	0.8
3.	Indo American Journal of Pharmaceutical Research	2.37



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4.	Mintage Journal of Pharmaceutical & Medical Sciences	0.8
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Mr. Subhankar Sah

S.No	Name of journal	Impact factor
1.	World Journal of Pharmaceutical and Medical Research	3.53

Mr. Mallikarjuna Gandla

S.No	Name of journal	Impact factor
1.	International Journal of Pharmaceutical Sciences Review and Research	2.54
2.	Indo American Journal of Pharmaceutical Research	2.37
3.	International Journal of Pharmaceutical Sciences Review and Research	2.54
4.	International Journal of Phytopharmacology	0.74

Mrs. Rihana Begum Patnool

S.No	Name of journal	Impact factor
1.	World journal of pharmacy and pharmaceutical sciences	3.25

Mr. Koushik Sen Gupta

S.No	Name of journal	Impact factor
1.	Research Journal of Pharmacy and Technology	0.274
2.	Journal of pharmaceutical research and health care	0.257
3.	Der Pharmacia Lettre	0.42
4.	Environmental Toxicology and Pharmacology	2.084
5.	Der Pharmacia Lettre	0.48



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6.	International Journal of Research in Pharmacy and Chemistry	0.876
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* h-index

23. Details of patents and income generated

- Nil

24. Areas of consultancy and income generated

- Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

- Nil

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify)

Faculty	Position	Journal / Committee
Dr. Subhashis	Reviewer	RJPT
Debnath	Editor	JIPS
Mr. M Shankar	Reviewer	JIPS

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- The faculty is constantly encouraged to initiate and attend new academic programmes, and organize various FDPs, workshops giving at most importance to the emerging trends. (Refer Q 44)



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28. Student projects

- * percentage of students who have taken up in-house projects including inter-departmental projects – 90%
- * percentage of students doing projects in collaboration with other universities / industry / institute – 10%

29. Awards / recognitions received at the national and international level by

- * Faculty – Nil
- * Doctoral / post doctoral fellows
- * Students – “Invasive Techniques used in the treatment of Cardiac Arrhythmias” Best Poster presentation Award for Ms. M N L Aishwarya, III B. Pharmacy Student, Padmavathi mahila University, 2016

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- Same as at Q. 44

31. Code of ethics for research followed by the departments

- Strictly followed as per the regulations and guidelines of Institutional ethics committee.

32. Student profile program-wise:

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B. Pharmacy	100	44	56	-	-

33. Diversity of students



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Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B. Pharmacy	96	-	4	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

NAME OF THE STUDENT	GRE	GPAT	TOEFL	IELTS	NAME OF THE COUNTRY
Mr. Rajesh	Yes		Yes	Yes	Canada
Mr. Rasool Mohammed			Yes		Saudi Arabia
Mr. Gowtham			Yes	Yes	USA
Ms. Jyothi		Yes			
Ms. Neeraja		Yes			
Mr. K Siddartha		Yes			
Mr. Pradeep Naik		Yes			
Ms. Sri Vidya		Yes			

35. Student progression

Student progression	Percentage against enrolled
UG to PG	20
PG to M.Phil, DM / M Ch / DNB	Not Applicable
PG to Ph.D.	-



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Student progression	Percentage against enrolled
Ph.D. to Post-Doctoral	Not Applicable
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	5 to 7 per cent 80
Entrepreneurs	2 to 3 per cent

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	10%
from other universities within the State	20%
from universities from other States	70%
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period -

- Dr. Subhashis Debnath awarded PhD in 2015.
- Dr. Y Lavanya awarded PhD - 2016 from SPMU, Tirupati

38. Present details of departmental infrastructural facilities with regard to

- a) Library : Not applicable as there is a College Library
- b) Internet facilities for staff and students - Available
- c) Total number of class rooms - 4 (Four)
- d) Class rooms with ICT facility and 'smart' class rooms - All with ICT
- e) Students' laboratories - 10 (TEN)
- f) Research laboratories - Available



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39. List of doctoral, post-doctoral students and Research Associates

- a) From the host institution/ university - Nil
- b) From other institutions/ universities - Nil

40. Number of post graduate students getting financial assistance from the university.

- Not Applicable

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

- Not Applicable

42. Does the department obtain feedback from

- Yes. Feedback is obtained for each course and overall programme.

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

- Yes. The College collects feedback on curriculum as well as on teaching and learning. These feedbacks are analyzed and the analyses outcome is utilized for correcting the deficiencies in the curriculum such as designing enrichment courses, adding innovative programs specific to the courses.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

- Students similarly provide feedback on courses, programs and library. From the analysis outcome, necessary actions are initiated to improve the curriculum, teaching-learning and evaluation.

c. Alumni and employers on the programs offered and how does the department



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utilize the feedback?

- The college has registered Alumni Association and meets periodically. During such meetings, Alumni provide feedback of the Curriculum, Program and competencies gained while they were students of the campus. Similarly, employers and other academicians give their opinion during their visit of the campus. Based on the outcome analysis, appropriate actions are initiated.

43. List the distinguished alumni of the department (maximum 10)

- Mr. Ajay Kumar A, Clinical Pharmacologist, Citizen Hospital, Hyderabad
- Mr. Amit Kr Reddy, Product manager, AIMIL Ltd, Mumbai
- Mr. Rohit, Trainee Pharmacist, Dubai
- Mr. Mahesh Dega, Drug Safty Specialist, Parexel International
- Mr. T Rajiv, Technical Supervisor, CSS Cooperation, Chennai

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

S.No	Topic	Speaker	Date
1	One Day Teaching Seminar on Emerging Trends in Pharmaceutical Sciences	Dr.V.Ravichandran,M.Pharm, Ph.D, VELS University,Chennai.	02 MAY 2015, Saturday
2	Pharmacy Practice Repeat Module Advance Learning Series - 5	Prof Krishna Kumar, Howard University, Washington. Prof. Sara McBane, University of California,	18th - 20th December 2014
3	Regional Seminar on Pharm D - Present and Future in India & Abroad.	Prof. Vijaya Raghavan, Bellevue Hospitals, New York, USA. Dr. T. K Praveen, Assistant Professor, J.S.S College of	7th March, 2014



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		Pharmacy, Ooty.	
4	One day national seminar PATIENT SAFETY & CADD- MOLECULAR MODELING IN DRUG DESIGN (PSCMMDD-2013).	Dr. K. Soundararajan Garu, Professor, Dept.of Electricals & Electronics, JNTUA, Anantapur & OSD to Vice chancellor, JNTU- Anathapur. Dr.M. Ravi Kumar, Senior applications Scientist, Schrodinger. Dr. MD. Afzal Azam, Head, Department of Pharmaceutical Chemistry, JSS College of Pharmacy, Ootacamund. Mr.K.P. Arun, (Asst. Prof.), Department of Pharmacy Practice, JSS College of Pharmacy, Ootacamund.	5th April, 2013
5	One day national seminar GLOBALISATION & ITS IMPACT ON THE INDIAN PHARMACEUTICAL EDUCATION & INDUSTRY in Collaboration with APTI, AP State Branch.	Dr. E. Keshava Reddy Garu Controller of Examination, J.N.T.U.A, Anantapur Dr. William Carey M. President, APTI. AP state branch.	10th March, 2012

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

UG teaching
Lectures with power point and audio visual aids Basic sciences classes with audio visual aids, models
Through Specimens, models, charts. Tutorials, Practical lab demonstrations and Seminars presentations.
Poster presentation, special lectures on topics of emerging trends in



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Pharmacy.

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

- The department aims to inculcate discipline, ethical and moral values to the students as pharmacy professionals.
- All the undergraduates are assessed by giving weekly, monthly, and unscheduled test in specific chapters.
- Theory and practical internal assessments are conducted thrice in a year. The evaluated papers are then communicated to the students through department notices/circulars.

47. Highlight the participation of students and faculty in extension activities.

- Faculty and the students regularly participate in extension activities such as conducting camps for rural population, emphasizing more on rural health awareness programs. Students are also actively participate in NSS activities and conduct various programs and campaigns creating awareness in national importance.

48. Give details of “beyond syllabus scholarly activities” of the department.

- The students are exposed to the industrial environment, as industrial visit.
- The B. Pharmacy students are getting trained to publish their projects in the journal.
- The students are also participates in the social awareness and extension programmes.

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.



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- ISO 9001-2008

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Creating awareness about health care and hygiene conditions among rural population.
- Educating the rural people regarding over dose & side effects
- Conducting medical camps & rallies on various aspects of Health and Hygiene.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Well equipped class rooms and state of the art laboratories
2. Availability of modern techniques aids for teaching and learning
3. Well qualified young and dynamic teaching staff
4. Neat and clean labs
5. Research lab facilities

Weakness:

1. Lack of Senior faculty for fresh recruitment
2. Being a private college the faculty and administration have faced serious road block in securing support and funding from the government research funding from government research funding agencies and for being awarded consultancy projects.



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3. Number of faculty having Ph.D and NET qualified is less compared to the total faculty strength

Opportunities:

1. To expand opportunities at the national and international level for faculty in the form of fellowship and awards.
2. To introduce more diverse and inter disciplinary academic programmes in innovative/ emerging areas
3. To undertake even more focused cutting edge drug research in emerging areas of applied science, pharmacy and clinical pharmacy, humanities and social science having an impact on society and contributing richly to national development

Challenges

1. To collaborate with the pharma industry to develop the research department
2. To develop the number of learning resources and provide access
3. To increase the number of academic programmes in innovative/emerging areas.
4. To nurture the college and developing sporting talents in the university to acquire more medals including gold in the forth coming academics

52. Future plans of the department.

1. Development of modern research laboratory
2. Development of animal house
3. Looking forward to get new and sophisticated instruments for research and have more number of sponsored research projects.



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Evaluative Report of the Department

1. Name of the Department : Department of PharmD
2. Year of establishment : 2012
3. Is the Department part of a college/Faculty of the university?
 - Part of Seven Hills College of Pharmacy
4. Names of programs offered (UG, PG, Pharm D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M. /M.Ch. Super specialty fellowship, etc.)
 - Under Graduate program: Pharm D
5. Interdisciplinary programs and departments involved
 - Clinical oriented Pharmaceutical departments viz; Community Pharmacy, clinical pharmacy, hospital pharmacy and pharmacy practice.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
 - Collaboration with Sree Padmavathi Medical College for Women, Tirupathi for hospital postings.
7. Details of programs discontinued, if any, with reasons
 - Nil
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
 - Annual Examinations conducted by Affiliating University.
9. Participation of the department in the courses offered by other departments
 - Clinical Pharmacy, community Pharmacy and Hospital Pharmacy.



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10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	4	4	4
Associate Professor/Reader	3	3	5
Assistant Professor / Senior Lecturer	11	11	11
Tutor / Clinical Instructor	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S.No	Name	Qualification	Designation	Specialization	No. Years of Experience as on 1.1.17
1.	Dr. Subhashis debnath	M. Pharm Ph.D	Professor & HOD	Pharmaceutics	9
2.	Dr. Lavanya yaidikar	M. Pharm Ph.D	Professor & HOD	Pharmacology	1
3.	Dr. Badrud Duza Mohammad	M. Pharm Ph.D	Professor & HOD	Pharmaceutical Analysis	8
4.	Dr. Priyanka	M. Pharm Ph.D	Professor & HOD	Pharmacognosy	2
5.	Mr. R. Venkatesan	M. Pharm	Assistant Professor	Pharmacy Practice	8
6.	Mr. Pranabesh sikdar	M. Pharm (Ph.D)	Associate Professor	Pharmaceutical Chemistry	7
7.	M. Shankar	M. Pharm (Ph.D)	Associate Professor	Pharmaceutical Chemistry	6



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8.	Sourav de	M. Pharm	Assistant Professor	Pharmaceutical Chemistry	4
9.	D. Lavanya	M. Pharm	Assistant Professor	Pharmaceutical Chemistry	3
10.	Subhankar saha	M. Pharm	Assistant Professor	Pharmacology	4
11.	Mr. Mallikarjun gandla	M. Pharm	Assistant Professor	Pharmacology	2
12.	Mr. B Narasimhulu	Pharm D	Assistant Professor		2
13.	D Swetha	M. Pharm	Assistant Professor	Pharmacology	1
14.	Vadamala Prudhviraj	M. Pharm	Assistant Professor	Pharmaceutics	1
15.	Mr. Harika K	M. Pharm	Assistant Professor	Pharmaceutics	1
16.	Rihana Begum Patnool	M. Pharm	Assistant Professor	Pharmacy Practice	4
17.	Charumathi Salva	M. Pharm	Assistant Professor	Pharmaceutical Analysis	1
18.	Mr. Koushik Sen Gupta	M. Pharm	Assistant Professor	Pharmaceutics	4
19.	Mr. L. Divya	M. Pharm	Assistant Professor	Pharmaceutics	2
20.	Mr. D. Swetha	M. Pharm	Assistant professor	Pharmacology	1

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

- Nil

13. Percentage of classes taken by temporary faculty – program-wise information



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- Nil

14. Program-wise Student Teacher Ratio

UG
9:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Category	Sanctioned	Filled
Receptionist	4	4
Assistant	7	7
Dep. Secretary	1	1
Attender	8	8
Technician	6	6

16. Research thrust areas as recognized by major funding agencies

- Targeted Drug Delivery System- Nanoparticles.
- Improvement of the solubility of BCS Class II Drugs.
- Phytochemical investigation of the medicinal plant available in Tirumala Hills.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

- Though there are no national and international funding projects as of now, the management is interested in funding research projects through Education Society. The Management is also established Research lab and the faculty is



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in the process of preparation of proposals for funding research.

S. No	Faculty name	Ongoing projects
1	Dr. Mohammad Badrud Duza	Analytical Method development, Validation of Triginelline on important ingredient of Aurvedic and other marketed herbal formulation by using RP-HPLC and PDA deduction

18. Inter-institutional collaborative projects and associated grants received

b) National collaboration b) International collaboration

- Collaboration with SVIMS for identifying major health problems in Tirupathi and surrounding areas.

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- Nil

20. Research facility / centre with

- * State recognition - Yes, Dr. JNTUA
- * National recognition - Yes, PCI
- * International recognition - ISO

21. Special research laboratories sponsored by / created by industry or corporate bodies

- Vital Pharmaceutical limited, Hyderabad
- Cronus Research lab, Bangalore
- Strides Acro lab limited, Bangalore
- Milon labs, Bangalore

22. Publications:



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* Number of papers published in peer reviewed journals (national / international)

NAME OF THE FACULTY	No. OF PAPERS PUBLISHED	No. LISTED IN PUBMED
Dr. Subhashis Debnath	38	14
Mrs. Lavanya yaidikar	10	5
Badrud Duza Mohammad	17	11
Priyanka	11	8
Pranabesh sikdar	7	4
M. Shankar	44	14
Sourav de	7	4
D. Lavanya	7	3
Subhankar saha	3	1
Mallikarjuna gandla	6	3
B Narasimhulu	1	0
D Swetha	2	1
Venkatesan R	4	2
Vadamala Prudhviraj	4	2
Harika K	2	1
Rihana Begum Patnool	2	1
Charumathi Salva	1	1
Koushik Sen Gupta	6	3
L Divya	6	2
K Swetha	2	0

DR. SUBHASHIS DEBNATH

S.No	Name of journal	Title
1	International Journal Of	Studies On The Preparation And Evaluation Of Chitosan Nanoparticles Containing



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	Pharmaceutical Sciences and Nanotechnology	Cytarabine.
2	Journal Of Chronotherapy and Drug Delivery	Nanoparticles As Carriers For Drug Targeting.
3	Research Journal Of Topical and Cosmetic Science	Formulation And Evaluation Of Herbal Antimicrobial Deodorant Stick
4	Research Journal Of Pharmacy and Technology.	Iontropic Gelation - A Novel Method To Prepare Chitosan Nanoparticles.
5	International Journal Of Pharmaceutical Frontier and Research.	Formulation And Evaluation Of Floatable In Situ Gel As Carrier For Stomach-Specific Drug Delivery Of Metoclopramide Hcl.
6	Research Journal Of Pharmacognosy And Phytochemistry.	Formulation And Evaluation Of Liquid Soap Containing Herbal Antimicrobial Agent.
7	Pharmanest	Nanoemulsion-A Method To Improve The Solubility Of Lipophilic Drugs.
8	Indo Global Research Journal Of Pharmaceutical Sciences.	Hair Testing: A Novel Analysis Of Tracing Of Drug
9	Research Journal Of Pharmaceutical Dosage Form and Technology.	Chronopharmaceutics As A Novel Approach For Clinically Relevant Drug Delivery System.
10	International Journal Of Drug	Pulsatile Drug Delivery System (PDDS): A Review.



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	Discovery and Technology.	
11	Research Journal Of Pharmacy and Technology.	A Review On Solid Lipid Nanoparticles.
12	Research Journal Of Pharmacy and Technology.	Chitosan Nano Particles By Iontropic Gelation Containing L-Arginine
13	Journal Of Pharmacy Research.	Formulation And Evaluation Of Microspheres Of Lamivudine Prepared By Solvent Evaporation Method.
14	International Journal Of Pharmaceutical Research & Analysis.	Development And Validation Of First Order Derivative UV Spectrophotometric Method For The Estimation Of Tenofovir Disoproxil Fumarate, Lamivudine And Efavirenz In Bulk And Tablet Dosage Form.
15	Research Journal Of Pharmacy and Technology.	Simultaneous Estimation Of Tenofovir Disoproxil Fumarate, Efavirenz And Lamivudine In Bulk And Tablet Dosage Form By UV Spectrophotometry.
16	Research Journal Of Pharmacy and Technology.	Design, Development And Evaluation Of Novel Nanoemulsion Of Terbinafine Hcl,
17	Asian J. Pharm. Tech.	Preparation And Evaluation Of Solid Dispersion Of Terbinafine Hydrochloride.
18	International Journal Of Advances In Pharmaceutical Sciences	Emulgel: a new platform for topical delivery of lipophilic drug
19	Indo American Journal Of	Evaluation of binding efficacy of mucilage of



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	Pharmaceutical Research	cissus quadrangularis in tablet dosage form
20	Indo American Journal Of Pharmaceutical Research	Quality by design: a modern approach to pharmaceutical development
21	Indian Journal Of Research In Pharmacy and Biotechnology	Preparation, characterization and evaluation of olmesartan medoxomil- β cyclodextrin complexes
22	International Journal Of Research In Pharmaceutical and Nano Sciences	Chemically modified starches and their applications in pharmacy
23	Indian Journal Of Pharmaceutical Science & Research	A review on industrial safety
24	Indian Journal Of Pharmaceutical Science & Research	Ocular drug delivery- a review
25	International Journal Of Pharmacy Review & Research	Nanoparticles a novel approach-a review
26	Indian Journal Of Pharmaceutical Science & Research	A review on dosage regimen
27	International Journal Of Innovative Drug Discovery	Transdermal drug delivery system-a review
28	International Journal Of	Review on drug targeting to brain



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	Advanced Pharmaceutics	
29	Indian Journal Of Research In Pharmacy And Biotechnology	Applications Of Organogels In Drug Delivery
30	International Journal Of Pharmaceutical Formulation And Analysis	Bioanalytical Method Development And Biological Assessment Of Terbinafine HCL In Vivo From Nanoemulsion And Other Dosage Forms
31	Australian Journal Of Pharmaceutical Research	Formulation And Evaluation Of Extended Release Tablets Of Ranolazine
32	Indo American Journal Of Pharma- ceutical Research,	Cefexime Loaded Muco-Adhesive Micro Sphere Preparation Using Sodium Alginate Polymer
33	Indo American Journal Of Pharma- ceutical Research,	Formulation And Evaluation Of Sublingual Tablets Of Nimodipine
34	Research Journal Of Pharmaceutical Dosage Forms And Technology	Food As A Vaccine
35	International Journal of Novel Trends In Pharma- ceutical Sciences	Formulation And Evaluation Of Mucoadhesive Bilayer Buccal Tablets Of Amphotericin B Hydrocarbon
36	International Journal of Novel Trends In Pharm- aceutical Sciences	Formulation And Evaluation Of Transdermal Patch Containing Amphotericin B
37	International	Formulation And Evaluation Of



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	Journal of Novel Trends In Pharmaceutical Sciences	Nanoemulsion Of Amphotericin B
38	Pharma Times	Radiopharmaceuticals And Their Therapeutic Applications In Health Care System

Dr. Lavanya Yaidikar

S.No	Name of journal	Title
1.	Pharmacological Reports	Arjunolic acid, a penta cyclic triterpenoidal saponin of <i>Terminalia arjuna</i> bark protects neurons from oxidative stress associated damage in focal cerebral ischemia and reperfusion.
2.	Molecular and Cellular Biochemistry.	Punicalagin attenuated cerebral ischemia reperfusion insult via inhibition of proinflammatory cytokines, up-regulation of Bcl-2, down-regulation of Bax and Caspase-3.
3.	Journal of Stroke and Cerebrovascular diseases.	Neuroprotective effect of punicalagin against cerebral ischemia reperfusion induced oxidative brain injury.
4.	International Journal of Pharmacological and Toxicological Research	Protective role of Icariin against oxidative renal damage in cisplatin induced Nephrotoxicity.
5.	Journal of Acute Disease	<i>Hippophae salicifolia</i> D. Donberrie sattaenuates cerebral ischemia reperfusion injury in a rat model of middle cerebral artery occlusion.
6.	Journal of Pharmaceutical and Scientific Innovation	Flavonoid rich fraction of willow leaved sea buckthorn berries attenuated ischemia reperfusion induced neurobehavioral deficit, excitotoxicity and associated neuronal



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		damage.
7.	World Journal of Pharmaceutical Sciences.	Antioxidant potential of arjunolic acid in an <i>in-vitro</i> system of precision cut goat liver slices subjected to oxidative stress.
8.	International Research Journal of Pharmacy	Ameliorative effect of <i>Tinosporacordifolia</i> on sciatica pain induced rats.
9.	Journal of Innovative Trends in Pharmaceutical Sciences,	CNS Targeted Drug Delivery: Current Perspectives,
10.	Der Pharma Chemica,	Synthesis, Hydrolysis Studies and Pharmacodynamic Profiles of Novel Colon-Specific Mutual Prodrug of Aceclofenac with Amino Acids,

Dr. Badrud Duza Mohammad

S.No	Name of journal	Title
1.	Journal of Pharmacy and Biological Sciences	Determination Of FTIR Spectroscopic Invitro Drug Compatibility Of Terbinafine Hydrochloride With Different Solvent Systems
2.	Int J Pharm Bio Sciences	Isolation, screening and optimization of growth parameters for amylase production by Bacterial isolates screened from soil sediments near agriculture fields, fish culture ponds, timber depot and oil mills
3.	International Journal of Applied Sciences and Biotechnology	Optimization Studies on Cellulase production from <i>Bacillus anthracis</i> , <i>Ochrobactrum anthropi</i> (YZ1) isolated from soil



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4.	Indo American Journal of Pharm Research	Method Development And Validation For Simultaneous Estimation Of Hydrochlorothiazide And Telmisartan In Bi-Layered Tablet Dosage Formby RP-HPLC.
5.	Journal of Pharmacy and Biological Sciences	Optimization of Lipase Production from Bacillus thuringiensis (TS11BP), AchromobacterxylooxidansJ2 (TS2MCN)-
6.	Indo American Journal of Pharm Research	Microbial Enzymes and their applications-A Review
7.	Int JPharm Bio Sci	Isolation, Characterization and screening of Enzyme producing bacteria from different soil samples
8.	International Journal of Applied Biology and Pharmaceutical Technology	Development And Validation of Stability Indicating RP-HPLC Method For The Determination Of Metoprolol Tartarate
9.	International Current Pharmaceutical Journal	Development and validation of RP-HPLC method for the estimation of omeprazolein bulk and capsule dosage forms
10.	Pharmaceutical, Biological and Chemical.	Analytical Method Development and Validation of RP-HPLC Method for the determination of Gemcitabine in Bulk and Pharmaceutical Dosage Form
11.	International Journal of Pharmacy,	BioanalyticalMethodDevelopmentandValidationfortheQuantitationofZolmitriptanby using LC-MS/MS,
12.	International Journal of Pharmacy and Pharmaceutical	Development And Validation Of RP-HPLC Method For The Determination Of Tirofiban In Pharmaceutical Dosage Form



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	Sciences	
13.	Journal of Chemical and Pharmaceutical sciences	Estimation of Hydrochlorothiazide in Pure and Pharmaceutical Dosage Forms by RP-HPLC
14.	Journal of Chemical and Pharmaceutical sciences	Method Development and Validation of Montelukast Sodiumin Bulk and Pharmaceutical Dosage Forms by RP-HPLC
15.	Journal of Chemical and Pharmaceutical sciences,	Estimation of Donepezil in Bulk and Pharmaceutical Dosage Forms By RP-HPLC
16.	International Journal of Research in Pharmacy and Chemistry,	Kesinathreddy.k Quantitative estimation of valsartanin pure and capsule dosage forms by RP-HPLC,
17.	Int. J. Chem. Science	Quantification Method Development and Validation for Analysis of Rivastigmine in Bulk and Pharmaceutical Dosage form by RP-HPLC

Dr. Priyanka

S.No	Name of journal	Title
1.	Phytotherapy Research	Evaluation of the anti psoriatic activity of <i>Aloe vera</i> Leaf Extract Using a Mouse Tail Model of Psoriasis.
2.	Pharmacognosy Magazine	Antipsoriatic activity and Cytotoxicity of ethanolic extract of <i>Nigella sativa</i> seed extract.
3.	Pharmacognosy communications	Hepatoprotective activity of <i>Santolina chamaecyparissus</i> Linn against D-Galactosamine Induced Hepatotoxicity in Rats
4.	Hygeia.J.D.Med	Antipsoriatic activity and Cytotoxicity of ethanolic extract of <i>Psoralea corylifolia</i> seeds.,



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		2012, 4 (2), 41-48.
5.	Hygeia.J.D.Med	Development and Validation of a UFLC Method for Simultaneous Estimation of Quercetin and Rutin
6.	IJHAS	The Potential Therapeutic Targets for Cervical Cancer, , 2013, 2(2), 69-74
7.	Pharma Times	The Recent Surge in Herbal Pharmaceuticals
8.	Pak J Pharma Sci.	Development and validation of reverse phase - Ultra Fast Liquid Chromatography (RP-UFLC) method for simultaneous estimation of Curcumin and Piperine.
9.	J Bioequiv Availab	Bioanalytical method development and validation for herbal quercetin in nano formulation by RP-UFLC in rabbit plasma
10.	Hygeia.J.D.Med	Formulation and evaluation of cream containing antifungal agents, anti bacterial agents and corticosteroids.
11.	Hygeia.J.D.Med	Development and validation of a RP-UFLC method for estimation of synthetic steroid hormone Danazol.

Mr. Pranabesh Sikdar

S.No	Name of journal	Title
1.	International Journal Of Novel Trends In Pharmaceutical Sciences	<i>In-vitro</i> antioxidant activity of Hydroalcoholic extract of <i>Gracilaria edulis</i> (GMELIN)
2.	Indo American Journal Of Pharmaceutical research	Extraction And Antibacterial Activity Of <i>Gracilaria Edulis</i>



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3.	Journal Of Pharmacy Research	Synthesis and antimicrobial activity of some novel ciprofloxacin analogues
4.	Pakistan Journal Of Pharmaceutical Science	Synthesis And Biological Evaluation Of Some Schiff Bases Of [4-(Amino) -5- Phenyl- 4h-1, 2, 4-Triazole- 3- Thiol]
5.	International journal of novel trends in pharmaceutical sciences	An overview on polycystic ovary syndrome and its treatment.
6.	International Journal Of Pharmaceutical Research And Analysis	Development And Validation Of First Order Derivative Uv Spectrophotometric Method For The Estimation Of Tenofovir Disoproxil Fumarate, Lamivudine And Efavirenz In Bulk And Tablet Dosage Form
7.	Research Journal Of Pharmaceutical And Technology	Simultaneous Estimation of Tenofovir Disoproxil Fumarate, Efavirenz and Lamivudine in Bulk and Tablet Dosage Form by UV Spectrophotometry

Mr. M. Shankar

S.No	Name of journal	Title
1.	Pharmaceutical Chemistry Journal (springer)	Synthesis and biological evaluation of new bis-indolyl (3-o-benzyl-1,2-o isopropylideneoxy lopentadialdose-a-d-glucofuranose)
2.	Pelagia Research Library	Anti oxidant activity of methanolic extracts of female borassus flabellifer leaves and roots
3.	Int. J. Pharm & Ind. Res	Preliminary phytochemical and diuretic potential of methanolic extract of azima tetra cahntham lam., leaf
4.	Journal of Pharmacy Research	Study of anti diabetic and anti oxidant activities of methanolic extract of Xanthium strumarium (Linn.) stems on diabetic rats



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5.	Asian J. Research Chem	Denovo Design of the Lead against Cyclo-Oxygenase Receptor
6.	International Journal of Pharmaceutical Sciences and Nanotechnology	Pharmaceutical Applications of Carbon Nanotube-Mediated Drug Delivery Systems
7.	International Journal of Phytopharmacology	Extraction And Preliminary Phytochemical Investigation On Whole Plant Of Peperomia Tetraphylla (G.Forst.Hook & Arn)
8.	International Journal of Pharmacy & Therapeutics	Pharmacognostical studies on the leaves of vigna radiate (l.) R. Wilczek
9.	Indian Drugs	Treatment of obesity through herbal therapy
10.	Indian Journal of Pharmaceutical Science & Research	Advantages of insulin pump over other insulin injection
11.	International Journal of Pharmacy and Pharmaceutical Sciences (Elsevier)	Synthesis and biological evaluation of novel pyrazolyl bis-indolylmethane
12.	IJPPDR	Design and in-vitro evaluation of mouth dissolving tablets of pioglitazone hydrochloride by using novel coprocessed super disintegrants
13.	International Journal of Applied Research in Natural Products (Taylor and francis)	Screening of the Methanolic Extract of Eugenia Jambolana Leaf for its Hepatoprotective Activity in Carbon Tetrachloride induced rats
14.	International Journal of Biological & Pharmaceutical Research	Anticonvulsant Activity of Leaf Extract of Vigna radiata (l.) Wilezek



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15.	International Journal of Phytopharmacology	Pharmacognostic and Priliminery Phytochemical Investigation on Leaf Extracts of Myristica dactyloides gaertn
16.	Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry,	Computer aided drug design for human rhinovirus from phenoxy derivatives.
17.	International Journal of Applied Research in Natural Products (Taylor and francis)	Hepatoprotective Activity of Methanolic Extract of Oldenlandia Herbacea Against D - Galactosamine Induced Rats
18.	International Journal of Novel Trends in Pharmaceutical Sciences	Genomic/ Personalized Medicine: A strategy to revolutionize health care system
19.	International Journal of Phytopharmacology	Evaluation of anti-ulcer activity of methanolic extract of balanites aegyptiaca Bark
20.	International Journal of Research in Pharmaceutical and Nano Science,	Development and Characterization Of An Antimicrotubular Taxane Loaded Mpeg-B-Pcl Nanoparticles
21.	Asian journal of Research in Pharmaceutical Sciences and Biotechnology,	Nano medicine: a novel class of drug delivery system.
22.	Asian journal of Research in Chemistry and Pharmaceutical Sciences,	Formulation and in vitro evaluation of levofloxacin oral dispersible tablets.
23.	Asian Journal of Pharmaceutical	Stability Studies: A Review



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	Analysis and Medicinal Chemistry,	
24.	European Journal of Pharmacology & Toxicology	Stem Cells - A review
25.	Singapore Journal of Pharmaceutical Research,	Anti-hyperlipidemic activity of the methanolic extract of eugenia jambolana bark in high fat diet induced hyperlipidemic rat
26.	World Journal of Pharmacy and Pharmaceutical Sciences (Pubmed)	A review - importance of nano technology in pharmaceutical preparation
27.	European Journal of Pharmaceutical Science and Research	Importance of structural activity relationship in computer aided drug design - a review
28.	Der Pharmacologia Sinica	Wound healing and its importance- a review.
29.	Asian Journal of Phytomedicine and Clinical Research	Phytochemical Investigation and Antibacterial Activity of Hydroalcoholic Extract of Terminalia bellirica leaf
30.	Asian Journal of Phytomedicine and Clinical Research	Food borne diseases an overview
31.	Acta Biomedica Scientia,	Antioxidant and its role - An Overview
32.	American Journal of Biological and Pharmaceutical Research	Types and Importance of Berries - A Review
33.	International Journal of Pharmacy and Pharmaceutical Sciences (Elsevier)	Anti-diabetic activity of hydroalcoholic extract of eugenia jambolana leaves in alloxan induced diabetic rats



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34.	Research journal of Pharmacy and Technology	In-Vitro Antioxidant Activities of Various Extracts of Eugenia jambolana Leaves.
35.	International Journal of Novel Trends in Pharmaceutical Sciences	Advantages of inhaled insulin over insulin injection.
36.	International Journal of Novel Trends in Pharmaceutical Sciences,	Chikungunya vaccine 2014 - A current view
37.	International Journal of Novel Trends in Pharmaceutical Sciences,	A current view on new cancer drugs (2014-USFDA approved) over old drugs.
38.	New Horizons in Translational Medicine (Elsevier)	Characterization and Biological Evaluation of Tetrazole Derivatives with Copper Ion
39.	Acta Biomedica Scientia	Blood substituents an overview.
40.	American Journal of Biological and Pharmaceutical Research	A current view on alopecia areata.
41.	American Journal of Oral Medicine and Radiology	Complementary and alternative medicine an overview.
42.	Acta Biomedica Scientia	A Overview On Difficulties And Drawbacks Associated With Animals In Drug Development
43.	American Journal of Biological and Pharmaceutical	A over view on molecular docking.



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	Research	
44.	European Journal of Molecular Biology and Biochemistry,	A Current View on Microsponge Drug Delivery System

Mr. Sourav De

S.No	Name of journal	Title
1.	International Journal of Pharmacy and Pharmaceutical	Structure based design of few substituted piperidones
2.	Mintage Journal of Pharma-ceutical & Medical Sciences	A Review Article On Importance of Heterocyclic Compounds
3.	Indo American Journal of Pharma-ceutical Research	'Review on cardiac glycosides in cancer research and cancer therapy
4.	Mintage Journal of Pharma-ceutical & Medical Sciences	Study of few tetralone derivatives
5.	International Journal of Pharmaceutics & Drug Analysis	A review on newly approved anti cancer drugs
6.	Publisher: LAP Lambert Academic Publishing AG & Co KG.	Study of few polysubstituted piperidone analogs
7.	Publisher: LAP Lambert Academic Publishing AG & Co KG.	Study of few Tetralone analogs

D. Lavanya



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S.No	Name of journal	Title
1.	Indo American Journal of Pharmaceutical Research	Phytochemical Screening, Isolation And Evaluation Of Analgesic Activity On The Leaves Of <i>Gymnema Sylvestre</i>
2.	Mintage journal of pharmaceutical & medical research	Synthesis, Characterization And Antimicrobial Screening Of Imidazo Thiadiazole Derivatives.
3.	International journal of research & development in pharmacy & life sciences,	Formulation and invitro evaluation of neviripine extended release matrix tablets
4.	Mintage journal of pharmaceutical & medical research	Preparation and evaluation of gasro retentive floating tablets of quentapine fumarate.
5.	International journal of novel trends in pharmaceutical sciences	An overview on polycystic ovary syndrome & its treatment.
6.	Research journal of pharmaceutical dosage forms and technology	F0od as vaccine a review article
7.	Journal of international pharmaceutical sciences	FTIR spectroscopic invitro drug compatibility determination of zidovudine with different solvents.

Mr. Subhankar Sah

S.No	Name of journal	Title
1.	Research Journal of Medicinal Plant	In vivo assessment of Antidiabetic & Antioxidant activities of <i>Blumea balsamifera</i> in Streptozotocin diabetic rats.



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2.	Scholars Academic Journal of Pharmacy	Synthesis, Characterization & Evaluation of Anticonvulsant activity of some novel 4 Thiazolidinone derivatives.
3.	World Journal of Pharmaceutical and Medical Research	A review on cardiac arrhythmia and cardiac ablation: invasive techniques and future perspective

Mr. Mallikarjuna Gandla

S.No	Name of journal	Title
1.	International Journal of Pharmaceutical Sciences Review and Research	Evaluation of Anticancer activity of <i>Sida cordifolia</i> L. against Aflatoxin B1 induced hepatocellular carcinoma
2.	Indo American Journal of Pharmaceutical Research	Anticancer activity of <i>Sida acuta</i> Burm. f. against Nitrosodiethylamine and CCl_4 induced Hepatocellular carcinoma
3.	International Journal of Pharmaceutical Sciences Review and Research	Antilithiatic activity of <i>Trianthema portulacastrum</i> and <i>Gymnema sylvestre</i> against ethylene glycol induced urolithiasis.
4.	International Journal of Phyto-pharmacology	Pharmacological Activities of <i>Sida cordifolia</i> L. An Overview.
5.	Journal of Pharmacy Research	Mechanisms for Hepatotoxicity Induced By Anti-Tubercular Drugs A Review
6.	Journal of International Pharmaceutical Sciences	Anti-arthritis activity of <i>ocimum gratissimum</i> l. On complete Freund's adjuvant induced arthritic rat model

Mr. B. Narasimhulu



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S.No	Name of journal	Title
1.	Journal of International Pharmaceutical Sciences	Initiation & Evaluation of Drug Information Services in & around Chittoor District

Ms. D Swetha

S.No	Name of journal	Title
1.	Research journal of pharmaceutical dosage form and technology	Chronopharmaceutics as a novel approach for clinically relevant drug delivery system
2.	Research journal of topical and cosmetic sciences	Formulation and Evaluation of multipurpose herbal wash

Mr. Venkatesan R

S.No	Name of journal	Title
1	Perspectives in clinical research	Role of community pharmacists in improving knowledge & glyceimic control of type 2 diabetes
2	Indian Journal of hospital Pharmacy	ADR monitoring in South Indian private tertiary care hospital. A prospective study.
3	International journal of Pharmacy & therapeutics	Intensive monitoring of ADR hospitalized patients in a South Indian tertiary care hospital
4	JIPS	A prospective study on role of community pharmacist in improving knowledge & glyceimic control of type 2 diabetes patients in urban area.



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Mr. Vadamala Prudhviraaj

S.No	Name of journal	Title
1.	Inventi Rapid: NDDS	Formulation and evaluation of mucoadhesive buccal gel of Curcumin
2.	Indian Journal of Research in Pharmacy and Biotechnology (IJRPB)	Preparation, characterization and evaluation of olmesartan medoximil - β cyclodextrin complexes
3.	Indo-American Journal of Pharmaceutical Research (IAJPR)	Quality by design : A modern approach to pharmaceutical development
4.	Inventi Rapid: Pharm Technology	Formulation and Evaluation of Metoprolol Tartarate Floating Microspheres

Ms. Harika K

S.No	Name of journal	Title
1.	International Journal Of Novel Trends In Pharmaceutical Science"	Formulation and evaluation of nanoemulsion of amphotericin B.
2.	Journal Of International Pharmaceutical Sciences.	Formulation And Evaluation Of Emulgel Of Terbinafine Hydrochloride.

Ms. Rihana Begum Patnool

S.No	Name of journal	Title
1.	Journal of global trends in pharmaceutical sciences	Potentiality of newer oral antihyperglycemic combination therapy over conventional ones in type II DM
2.	World journal of pharmacy and pharm-	Pain management using NSAIDs in Orthopedic department in



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	aceutical sciences	tertiary care hospital”
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Ms. Charumathi Salva

S.No	Name of journal	Title
1.	Journal of Global trends in Pharmaceutical Science	A Simple RP-HPLC method for quantification of Carboprost Tromethamine in Injection dosage form

Mr. Koushik Sen Gupta

S.No	Name of journal	Title
1.	Research Journal of Pharmacy and Technology	Design, development and <i>in vitro</i> evaluation of directly compressed sustained release matrix tablet of famotidine
2.	Journal of pharmaceutical research & health care	Formulation development and <i>in vitro</i> evaluation of sustained release matrix tablets of salbutamol sulphate
3.	Der Pharmacia Lettre	Design, development, evaluation and optimization of gastro retentive floating tablets of atenolol
4.	Environmental Toxicology and Pharmacology	Expedition of <i>in vitro</i> dissolution and <i>in vivo</i> pharmacokinetic profiling of sulphur nanoparticles based antimicrobials
5.	Der Pharmacia Lettre	Regression analysis a tool for optimization of matrix systems
6.	International Journal of Research in Pharmacy and Chemistry	Statistical optimization of matrix tablets using linear regression analysis

L. Divya

S.No	Name of journal	Title
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1.	International Journal of Pharmacy and Pharmaceutical Sciences	Preparation and evaluation of fluoxetine hydrochloride oral dispersible tablets
2.	International Journal of novel trends in Pharmaceutical Sciences	Lyophilization/freeze drying- an review.
3.	Indo American Journal of Pharmaceutical Research	Nanogels as a drug delivery carrier.
4.	International journal of research in pharmaceutical and nano sciences.	Oral dispersible tablets An Overview.
5.	International journal of pharmacotherapy	A review on vasoconstrictors
6.	International journal of pharmaceutical science	Preparation and evaluation of appetitant solid dispersion control release formulations

K. Swetha

S.No	Name of journal	Title
1.	Research journal of pharmaceutical dosage form and technology	Chrono pharmaceuticals as a novel approach for clinically relevant drug delivery system
2.	Research journal of topical and cosmetic science	Formulation and Evaluation of multipurpose herbal wash

* Monographs



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- * Chapters in Books Nil
- * Books edited- Nil
- * Books with ISBN with details of publishers
 - Dr. Subhasish Debnath – Control Dru delivery system for better patient complaints , Lambard Academy publisher, ISBN 978-3-659-88594-5
 - Mr. Sourav De, Study of few tetralone analog, Lambard Academy publisher, ISBN 978-3-659-87740-7
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
- * Citation Index - range / average
- * SNIP
- * SJR
- * Impact Factor - range / average

Dr. Subhashis Debnath

S.No	Name of journal	Impact factor
1	Pharmanest	0.489
2	Research Journal Of Pharmacy and Technology.	0.07
3	Journal Of Pharmacy Research.	0.14
4	Research Journal Of Pharmacy and Technology.	0.18
5	Research Journal Of Pharmacy and Technology.	0.07
6	Asian J. Pharm. Tech.	0.29
7	Indo American Journal Of Pharmaceutical Research	2.37



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8	Indo American Journal Of Pharmaceutical Research	2.37
9	Indian Journal Of Research In Pharmacy And Biotechnology	0.453
10	International Journal Of Research In Pharmaceutical And Nano Sciences	0.879
11	Indian Journal Of Pharmaceutical Science & Research	1.79
12	Indian Journal Of Pharmaceutical Science & Research	1.79
13	Indian Journal Of Pharmaceutical Science & Research	1.79
14	Indian Journal Of Research In Pharmacy And Biotechnology	0.543
15	Indo American Journal Of Pharmaceutical Research,	2.37
16	Indo American Journal Of Pharmaceutical Research,	2.37
17	Research Journal Of Pharmaceutical Dosage Forms And Technology	1.26
18	International Journal of Novel Trends In Pharmaceutical Sciences	0.675
19	International Journal of Novel Trends In Pharmaceutical Sciences	0.675
20	International Journal of Novel Trends In Pharmaceutical Sciences	0.675
21	Pharma Times	0.33

Dr. Lavanya Yaidikar

S.No	Name of journal	Impact factor
1.	Pharmacological Reports	2.4



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2.	Molecular and Cellular Biochemistry.	2.388
3.	Journal of Stroke and Cerebrovascular diseases.	1.99
4.	International Journal of Pharmacological and Toxicological Research	1.241
5.	International Research Journal of Pharmacy	.751

Dr. Badrud Duza Mohammad

S.No	Name of journal	Impact factor
1.	Journal of Pharmacy and Biological Sciences	3.83
2.	Int J Pharm Bio Sciences	5.1
3.	International Journal of Applied Sciences and Biotechnology	1.42
4.	Indo American Journal of Pharm Research	4.58
5.	Journal of Pharmacy and Biological Sciences	3.83
6.	Indo American Journal of Pharm Research	1.25
7.	Int J Pharm Bio Sci	2.96
8.	International Journal of Applied Biology and Pharmaceutical Technology	0.81
9.	International Current Pharmaceutical Journal	4.1
10.	Pharmaceutical, Biological and Chemical.	.35
11.	International Journal of Pharmacy and Pharmaceutical Sciences	.49
12.	Journal of Chemical and Pharmaceutical sciences	.68



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13.	Journal of Chemical and Pharmaceutical sciences	.68
14.	Journal of Chemical and Pharmaceutical sciences,	.68
15.	International Journal of Research in Pharmacy and Chemistry,	.52
16.	Int. J. Chem. Sci	.12

Dr. Priyanka

S.No	Name of journal	Impact factor
1.	Phytotherapy Research	2.6
2.	Pharmacognosy Magazine	1.5
3.	Pharma Time	0.9
4.	Pak J Pharma Sci.	2.04

Mr. Pranabesh Sikdar

S.No	Name of journal	Impact factor
1.	International Journal Of Novel Trends In Pharmaceutical Sciences	2.695
2.	Indo American Journal Of Pharmaceutical research	2.37
3.	International journal of novel trends in pharmaceutical sciences	2.695
4.	International Journal Of Pharmaceutical Research And Analysis	0.18

Mr. M. Shankar

S.No	Name of journal	Impact factor
1.	Pharmaceutical Chemistry Journal (springer)	0.46



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2.	Pelagia Research Library	1.09
3.	Int. J. Pharm & Ind. Res	0.29
4.	Journal of Pharmacy Research	0.78
5.	Asian J. Research Chem	0.39
6.	International Journal of Phyto pharmacology	0.70
7.	Indian Drugs	1.2
8.	Indian Journal of Pharmaceutical Science & Research	0.762
9.	International Journal of Pharmacy and Pharmaceutical Sciences (Elsevier)	0.49
10.	IJPPDR	1.72
11.	International Journal of Applied Research in Natural Products (Taylor and francis)	2.02
12.	International Journal of Phytopharmacology	0.70
13.	Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry,	0.68
14.	International Journal of Applied Research in Natural Products (Taylor and francis)	2.02
15.	International Journal of Novel Trends in Pharmaceutical Sciences	1.5
16.	International Journal of Phytopharmacology	0.7
17.	International Journal of Research in Pharmaceutical and Nano Science,	0.92
18.	Asian journal of Research in Pharmaceutical Sciences and Biotechnology,	0.80



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19.	Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry,	0.68
20.	World Journal of Pharmacy and Pharmaceutical Sciences (Pubmed)	6.04
21.	Asian Journal of Phytomedicine and Clinical Research	0.89
22.	International Journal of Pharmacy and Pharmaceutical Sciences (Elsevier)	0.49
23.	Research journal of Pharmacy and Technology	1.34
24.	International Journal of Novel Trends in Pharmaceutical Sciences	1.5
25.	International Journal of Novel Trends in Pharmaceutical Sciences,	1.5
26.	International Journal of Novel Trends in Pharmaceutical Sciences,	1.5
27.	New Horizons in Translational Medicine (Elsevier)	2.7

Mr. Sourav De

S.No	Name of journal	Impact factor
1.	International Journal of Pharmacy and Pharmaceutical	0.49
2.	Mintage Journal of Pharmaceutical & Medical Sciences	0.8
3.	Indo American Journal of Pharmaceutical Research	2.37
4.	Mintage Journal of Pharmaceutical & Medical Sciences	0.8

Mrs. D. Lavanya

S.No	Name of journal	Impact factor
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1.	Indo American Journal of Pharmaceutical Research	2.37
2.	Mintage journal of pharmaceutical & medical research	0.8
3.	Mintage journal of pharmaceutical & medical research	0.8
4.	International journal of novel trends in pharmaceutical sciences	0.675
5.	Research journal of pharmaceutical dosage forms and technology	1.26

Mr. Subhankar Saha

S.No	Name of journal	Impact factor
1	World Journal of Pharmaceutical and Medical Research	3.53

Mr. Mallikarjuna Gandla

S.No	Name of journal	Impact factor
1.	International Journal of Pharmaceutical Sciences Review and Research	2.54
2.	Indo American Journal of Pharmaceutical Research	2.37
3.	International Journal of Pharmaceutical Sciences Review and Research	2.54
4.	International Journal of Phytopharmacology	0.74

Mr. Venkatesan R

S.No	Name of journal	Impact factor
1.	Perspectives in clinical research	1.02



Seven Hills College of Pharmacy

2.	Indian Journal of hospital Pharmacy	.80
3.	International journal of Pharmacy & therapeutics	.5

Mr. Vadamala Prudhviraaj

S.No	Name of journal	Impact factor
1.	Indian Journal of Research in Pharmacy and Biotechnology (IJRPB)	0.45
2.	Indo-American Journal of Pharmaceutical Research (IAJPR)	3.37

Ms. Harika K

S.No	Name of journal	Impact factor
1.	International Journal Of Novel Trends In Pharmaceutical Science"	2.695

Rihana Begum Patnool

S.No	Name of journal	Impact factor
1.	World journal of pharmacy and pharmaceutical sciences	3.25

Mr. Koushik Sen Gupta

S.No	Name of journal	Impact factor
1.	Research Journal of Pharmacy and Technology	0.274
2.	Journal of pharmaceutical research and health care	0.257
3.	Der Pharmacia Lettre	0.42
4.	Environmental Toxicology and Pharmacology	2.084



Seven Hills College of Pharmacy

5.	Der Pharmacia Lettre	0.48
6.	International Journal of Research in Pharmacy and Chemistry	0.876

L. Divya

S.No	Name of journal	Impact factor
1.	International Journal of Pharmacy and Pharmaceutical Sciences	0.49
2.	International Journal of novel trends in Pharmaceutical Sciences	2.695
3.	Indo American Journal of Pharmaceutical Research	4.58
4.	International journal of pharmacotherapy	0.87
5.	International journal of pharmaceutical science	2.73

K. Swetha

S.No	Name of journal	Impact factor
1.	Reasearch journal of pharmaceutical dosage form and technology	1.26

23. Details of patents and income generated

- Nil

24. Areas of consultancy and income generated

- Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad -



Seven Hills College of Pharmacy

- Dr. Lavanya, Visiting Fellow in Path Gene Lab, Tirupathi

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (specify)

Faculty	Position	Journal /Committee
DR. Subhashis Debnath	Member	Indian Association of College of Pharmacy - 99
	Editorial board	Research Journal Pharmaceutical Technology
M. Shankar	Member	Association of Pharmaceutical Teachers of India -AP/LM-840
	Advisory board	www.uptodateresearchpublication.com
	Editorial board	Journal of international pharmaceutical sciences

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- The faculty is constantly encouraged to initiate and attend new academic programmes, and organize various FDPs, workshops giving at most importance to the emerging trends.

S.NO	PROGRAMME	VENUE	DATE
1.	68 th Indian Pharmacy Congress	Vizag	16 th dec to 18 dec 2016
2.	11 th Asia Pacific Chitin and Chitosan Symposium	International Chitosan Society	Kochi & 28-30-09-2016
3.	Indian Congress of Pharmacy Practice & 2 nd Convention of IACP	Coimbatore,	2 nd and 3 rd April, 2016.



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4.	67 th Indian Pharmacy Congress	Mysuru,	19 th to 21 st December 2015.
5.	National Workshop on NIRF	Bengaluru,	27 th November 2015.
6.	Phase I workshop for Training Resource Persons on Outcome Based Accreditation	Kurnool,	5 th March 2014
7.	Recent trends and development in herbal medicine and cosmetics	Oxford college of pharmacy,	29 th March 2014
8.	National seminar on pharmaceutical approach for malarial targetting and resistance	ICMR, University of Hyderabad	14 to 15 February 2014
9.	National seminar on Scope and prospective in industry institution interaction	Sree Vidyanikethan college of Pharmacy	20, 21 September 2014
10.	One day workshop on Intellectual property rights and patent filing	JSS University	24-09-2014
11.	Phase II workshop for Outcome Based Education and Accreditation	Pulivendula	21 st to 23 rd March 2014
12.	Pharmacy Practice Module Advanced Learning Series - 5	Tirupati,	18 th to 20 th December 2014
13.	International conference on advances in biopolymer drug delivery system.	CES college of pharmacy, Kurnool	January 30, 31, 2014.



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14.	National Seminar on Dissolution Challenges Regulatory Perspectives	Udhagamandalam,	24 th to 25 th January 2013.
15.	National seminar on Dissolution challenges-Regulatory perspectives	JSS University	24 to 25 Jan 2013
16.	Disso India 2013	SPDS, Mumbai	3 to 4 May 2013
17.	One Day National Seminar on Patient Safety & CADD-Molecular Modeling in Drug Design	Tirupati,	23 rd March 2013
18.	4 th World Congress on Bioavailability & Bioequivalence: Pharmaceutical R & D Summit	Beijing	20 to 22 May 2013
19.	Scientific Principles in dissolution science and drug testing	JSS University	18-10-2013
20.	Pharmaceutical Industry and Academia Partnership - for Professional Excellence	Tirupati,	5 th and 6 th October 2012
21.	One Day National Seminar on Globalisation & its Impact on Indian Pharmaceutical Education & Research	Tirupati,	10 th March 2012.
22.	Workshop on Experimental Pharmacology &	APTI, AP	March 12-13, 2012



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	Molecular Biology		
23.	International conference on "Pharmaco economics and Good Pharmacy Practice"	Raghavendra Institute Pharmaceutical Educational Research	Oct-2012.
24.	12 th International Congress of Ethnopharmacology	Kolkata	17-19-02-2012
25.	National seminar on clinical and Molecular approaches for Drug discovery	Ooty	2-3-03-2012
26.	64 th IPC-2012	SRM, Chennai	7-9-12-12

28. Student projects

- * percentage of students who have taken up in-house projects including inter-departmental projects
 - 90%
- * percentage of students doing projects in collaboration with other universities / industry / institute
 - 10%

29. Awards / recognitions received at the national and international level by

- * Faculty - Nil
- * Doctoral / post doctoral fellows
- * Students - Best Poster Presentation Award

➤ T. Charan Teja, 2016, Student of Vth Year PharmD, RIPER,



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Anantapur, 3rd Prize.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

S.NO	PROGRAMME	VENUE	DATE
1.	One Day Teaching Seminar on Emerging Trends in Pharmaceutical Sciences (ETPS-2015)	Seven Hills College of Pharmacy	02 MAY 2015, Saturday
2.	Pharmacy Practice Repeat Module Advance Learning Series - 5 (In association with IACP- Chennai and Other Pharm D Offering Colleges of Tirupati).	Krishna teja college of pharmacy	18th December to 20th December 2014
3.	Regional Seminar on Pharm D - Present and Future in India & Abroad	Seven Hills College of Pharmacy	7th March, 2014
4.	One day national seminar patient safety & CADD- molecular modeling in drug design (PSCMMDD-2013)	Seven Hills College of Pharmacy	5th April, 2013
5.	One day national seminar globalisation & its impact on the indian pharmaceutical education & industry in Collaboration with APTI, AP State Branch.	Seven Hills College of Pharmacy	10th March, 2012

31. Code of ethics for research followed by the departments

- Department strictly follows code of ethics while doing research projects.



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32. Student profile program-wise:

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
Pharm - D I Year	30	12	18	-	-
Pharm - D II Year	30	9	21	76	89
Pharm - D III Year	30	9	21	80	86
Pharm - D IV Year	30	12	18	92	90
Pharm - D V Year	30	11	19	88	95
Pharm-D (PB)	3	1	2	100	100

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Pharm - D	-	-	-	-
Pharm-D (PB)	100	0	0	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

- Nil

35. Student progression

Student progression	Percentage against enrolled
UG to PG	Not Applicable



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Student progression	Percentage against enrolled
PG to M.Phil, DM / M Ch / DNB	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	10%
from other universities within the State	20%
from universities from other States	70%
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period -

- Dr. Subhashis Devnath (2015) from JNTUA
- Dr. Lavanya (2016) Sri Padmavaryhi Mahila University, Tirupathi

38. Present details of departmental infrastructural facilities with regard to

a) Library

- Books : 371
- Nos. : 2162

b) Internet facilities for staff and students - Available



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- c) Total number of class rooms – 7 (Seven) exclusively for PharmD and PB.
- d) Class rooms with ICT facility and 'smart' class rooms – All E class rooms
- e) Students' laboratories – 11 (Eleven)
- f) Research laboratories – 1 (One)

39. List of doctoral, post-doctoral students and Research Associates

- a) From the host institution/university – Nil
- b) From other institutions universities – Nil

40. Number of post graduate students getting financial assistance from the university.

- Nil

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

- Not Applicable

42. Does the department obtain feedback from

d. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

- Yes. The College collects feedback on curriculum as well as on teaching and learning. These feedbacks are analyzed and the analyses outcome is utilized for correcting the deficiencies in the curriculum such as designing enrichment courses, adding innovative programs specific to the courses.

e. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

- Students similarly provide feedback on courses, programs and library. From the analysis outcome, necessary actions are initiated to improve the curriculum, teaching-learning and evaluation.



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f. Alumni and employers on the programs offered and how does the department utilize the feedback?

- The college has registered Alumni Association and meets periodically. During such meetings, Alumni provide feedback of the Curriculum, Program and competencies gained while they were students of the campus. Similarly, employers and other academicians give their opinion during their visit of the campus. Based on the outcome analysis, appropriate actions are initiated.

43. List the distinguished alumni of the department (maximum 10) :

- Mr. Prudhvi Raj, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Mrs. L. Divya, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Ms. Harika, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Mr. Charan, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Ms. Hema Faith, currently working as Associate, Scientific Medical Writing, Spy Globals, Chennai.

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

S.NO	PROGRAMME	Speker	DATE
1.	One Day Teaching Seminar on Emerging Trends in	Dr.V.Ravichandran,M.Pharm, Ph.D, VELS	02 MAY 2015, Saturday



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	Pharmaceutical Sciences (ETPS-2015)	University, Chennai. Dr Jayachandra Babu, M.Pharm, Ph.D , Auburn University, Auburn, USA. Dr.V Venugopal, MD, Ph.D, North Dakota Meenakshi Medical College and Research Institute- Kanchipuram. Dr. S. Annadurai M.Pharm, PhD, F.I.C, Christian Medical College (CMC) Vellore.	
2.	Regional Seminar on Pharm D – Present and Future in India & Abroad	Prof. Vijaya Raghavan, Bellevue Hospitals, New York, USA. Dr. T. K Praveen, Assistant Professor, J.S.S College of Pharmacy, Ooty.	7th March, 2014
3.	Pharmacy Practice Repeat Module Advance Learning Series – 5 (In association with IACP- Chennai and Other Pharm D Offering Colleges of Tirupati).	Prof Krishna Kumar, Howard University, Washington. Prof. Sara McBane, University of California Prof Wendy Brown, North Dakota State University School of Pharmacy	18th December to 20th December 2014
4.	One day national seminar patient safety & CADD-molecular modeling in drug design (PSCMMDD-2013)	Dr.M. Ravi Kumar, Senior applications Scientist, Schrodinger. Dr. MD. Afzal Azam, Head, Department of Pharmaceutical Chemistry, JSS College of Pharmacy, Ootacamund.	5th April, 2013



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		Mr.K.P. Arun, (Asst. Prof.), Department of Pharmacy Practice, JSS College of Pharmacy, Ootacamund.	
5.	One day national seminar globalisation & its impact on the indian pharmaceutical education & industry in Collaboration with APTI, AP State Branch.	Dr. William Carey M. President, APTI. AP state branch. Dr. Vinay Rao, Vice president – Formulation Dept. Aurobindo Pharma Research Center, Hyderabad. Dr. Sumathi Rao, Vice president – AR&D Aurobindo Pharma Research Center, Hyderabad. Mr Vimeshwar , Incharge QA & QC- STRIDES Arco Lab Limited, Bangalore	10th March, 2012

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

- The faculty of the College well trained and practiced to deliver their class-room lecturers through Power Point, multimedia videos.
- All the departments has made a practice to make students deliver their classroom seminars or presentations using LCD – Power points.
- Students of the college are being encouraged for self -learning by allotting classroom presentation on advanced topics and group projects in the form of dissertation to promote team-spirit.



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- Encouraging the students to participate in Journal Clubs.
- Using Internet to provide training, Explore to e-books

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

- The department aims to inculcate discipline, ethical and moral values to the students as pharmacy professionals.
- All the undergraduates are assessed by giving weekly, monthly, and unscheduled test in specific chapters.
- Theory and practical internal assessments are conducted thrice in a year. The evaluated papers are then communicated to the students through department notices/circulars.

47. Highlight the participation of students and faculty in extension activities.

- Faculty and the students regularly participate in extension activities such as camps for rural population, emphasizing more on cancer, communicable diseases awareness programs. Also participate in NSS activities for over all development of rural area.

48. Give details of “beyond syllabus scholarly activities” of the department.

- The department has made significant research output during the assessment period.
- The department has started a NSS in and around of tirupati town and villages.

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.



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- Yes. By ISO 9001- 2008.
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- The department participated regularly in the national level innovated conferences to help consolidate available knowledge on the subject.
 - This helped the department to launch its own educational programme in Emerging trends in drug discovery.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Academic programmes with unique curriculum
2. College with excellent infrastructure.
3. Interaction with other departments with in the college and outside colleges
4. The department participates in CAAD studies.
5. This human resource pool is a major strength

Weakness:

1. Need well equipped advanced instruments
2. Interdisciplinary studies
3. Web-based classroom
4. Student Activity and Alumni
5. Thrust of Research

Opportunities:



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1. New Initiatives
2. Developing Pharmacy outlets
3. Establishing Research Cell
4. Establishing Wellness Centre

Challenges:

1. One major challenge is to get publications in full swing. Students and faculty need to be encouraged to publish on a target. Contributions as chapters to books, or even writing monographs, textbooks and creative writing are also part of successful academic activity.
2. Collaboration with external agencies: Getting linkages with other agencies under the government

52. Future plans of the department.

1. To promote teaching and Research Facilities
2. Strengthen academic activities and rigor.
3. Develop innovative programmes on-campus and off-campus
4. To promote community health by providing drug and poisoning information and services to rural area.
5. Develop more patient counselling cells



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Evaluative Report of the Department

1. Name of the Department: Department of Pharmacology
2. Year of establishment : 2014
3. Is the Department part of a college/Faculty of the university?
 - Part of Seven Hills College of Pharmacy
4. Names of programs offered (UG, PG, Pharm D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M. /M.Ch. Super specialty fellowship, etc.)
 - Post Graduate program : M. Pharmacy
5. Interdisciplinary programs and departments involved
 - * Pharm.D
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
 - * Nil
7. Details of programs discontinued, if any, with reasons
 - * Nil
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
M. Pharm.
 - * Semester based credit system conducted by Affiliating University -
9. Participation of the department in the courses offered by other departments
 - * Nil
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)



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	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	-	
Associate Professor/Reader	01	01	
Assistant Professor	01	04	

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience as on 1 st Jan 2017
Dr. Lavanya yaidikar	M.Pharm., Ph.D	Associate Professor	Pharmacology	5 years
Mr. Subhankar Saha	M.Pharm	Assistant Professor	Pharmacology	3.5 years
Mr. G. Mallikarjuna	M.Pharm	Assistant Professor	Pharmacology	1.5 years
Mrs. D. Swetha	M.Pharm	Assistant Professor	Pharmacology	1 year
Mrs. Ch. Manga Devi	M.Pharm	Assistant Professor	Pharmacology	0.5 year

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

* Nil

13. Percentage of classes taken by temporary faculty – program-wise information

* None



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14. Program-wise Student Teacher Ratio

PG
2:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Category	Sanctioned	Filled
Receptionist	2	02
Assistant	1	01
Attender	6	06
Technician	6	06

16. Research thrust areas as recognized by major funding agencies

- * Research in relation to analysis, pharmaceuticals, natural chemistry, pharmacology funded by College

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

- * Though there are no national and international funding agencies, the management is interested in funding research projects through Education Society

18. Inter-institutional collaborative projects and associated grants received c) National collaboration b) International collaboration

- * Collaborated with Pathgene Labs, Tirupati for B.Pharm and M.Pharm projects.

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT,



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ICSSR, AICTE, etc.; total grants received.

* Nil

20. Research facility / centre with

- * state recognition - Yes, JNTUA
- * national recognition - Yes, AICTE, PCI
- * international recognition - Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies:

- Vital Pharmaceutical limited, Hyderabad
- Cronus Research lab, Bangalore
- Strides Acro lab limited, Bangalore
- Milon labs, Bangalore

22. Publications:

- * Number of papers published in peer reviewed journals (national / international)

NAME OF THE FACULTY	No. OF PAPERS PUBLISHED	No. LISTED IN PUBMED
Dr. Lavanya yaidikar	10	4
Mr. Subhankar Saha	4	-
Mr. G. Mallikarjuna	8	-
Mrs. D. Swetha	1	NIL
Mrs. Ch. Manga Devi	1	-

Dr. Lavanya Yaidikar



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S. No	Name of journal	Title
1	Pharmacological Reports	Arjunolic acid, a pentacyclic triterpenoidal saponin of <i>Terminalia arjuna</i> bark protects neurons from oxidative stress associated damage in focal cerebral ischemia and reperfusion.
2	Molecular and Cellular Biochemistry.	Punicalagin attenuated cerebral ischemia reperfusion insult via inhibition of proinflammatory cytokines, up-regulation of Bcl-2, down-regulation of Bax and Caspase-3.
3	Journal of Stroke and Cerebrovascular diseases.	Neuro protective effect of punicalagin against cerebral ischemia reperfusion induced oxidative brain injury.
4	International Journal of Pharmacological and Toxicological Research	Protective role of Icarin against oxidative renal damage in cisplatin induced Nephrotoxicity.
5	Journal of Acute Disease	<i>Hippophae salicifolia</i> D.Don berries attenuates cerebral ischemia reperfusion injury in a rat model of middle cerebral artery occlusion.
6	Journal of Pharmaceutical and Scientific Innovation	Flavonoid rich fraction of willow leaved sea buckthorn berries attenuated ischemia reperfusion induced neurobehavioral deficit, excitotoxicity and associated neuronal damage.
7	World Journal of Pharmaceutical Sciences.	Antioxidant potential of arjunolic acid in an <i>in-vitro</i> system of precision cut goat liver slices subjected to oxidative stress.
8	International Research	Ameliorative effect of <i>Tinospora cordifolia</i>



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	Journal of Pharmacy	on sciatica pain induced rats.
9	Journal of Innovative Trends in Pharmaceutical Sciences,	CNS Targeted Drug Delivery: Current Perspectives
10	Der PharmaChemica,	Synthesis, Hydrolysis Studies and Pharmacodynamic Profiles of Novel Colon-Specific Mutual Prodrug of Aceclofenac with Amino Acids,

Mr. Subhankar Saha

S. No	Name of journal	Title
1	Research Journal of Medicinal Plant	In vivo assessment of Antidiabetic & Antioxidant activities of Blumea balsamifera in Streptozotocin diabetic rats.
2	Scholars Academic Journal of Pharmacy	Synthesis, Characterization & Evaluation of Anticonvulsant activity of some novel 4 Thiazolidinone derivatives
3	World Journal of Pharmaceutical and Medical Research	A review on cardiac arrhythmia and cardiac ablation: invasive techniques and future perspective
4	International journal of pharma & chemical research	An overview on Hepatitis & its treatment

Mr. Mallikarjuna G

S. No	Name of journal	Title
1	International Journal of Pharmaceutical	Evaluation of Anticancer activity of sida cordifolia L. against Aflatoxin B1 induced



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	Sciences Review and Research	hepatocellular carcinoma
2	Indo American Journal of Pharmaceutical Research	Anticancer activity of Sida acuta Burm. f. against Nitrosodiethylamine and CCl ₄ induced Hepatocellular carcinoma
3	International Journal of Pharmaceutical Sciences Review and Research	Antilithiatic activity of Trianthema portulacastrum and Gymnema sylvestre against ethylene glycol induced urolithiasis.
4	International Journal of Phytopharmacology	Pharmacological Activities of Sida cordifolia L. An Overview.
5	Journal of Pharmacy Research	Mechanisms for Hepatotoxicity Induced By Anti-Tubercular Drugs A Review
6	Journal of International Pharmaceutical Sciences	Anti-arthritic activity of <i>ocimum gratissimum l.</i> On complete freund's adjuvant induced arthritic rat model

Mrs. D. Swetha

S. No	Name of journal	Title
1	Reasearch journal of pharmaceutical dosage forms and technology	Chronopharmaceutics as a novel approach for clinically relevant drug dlivery system

- * Monographs - NIL
- * Chapters in Books - NIL
- * Books edited- NIL
- * Books with ISBN with details of publishers - NIL
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)



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- 6 Six

- * Citation Index - range / average
- * SNIP
- * SJR
- * Impact Factor - range / average

Dr.Lavanya Yaidikar

S.No.	Name Of The Journal	Impact Factor
1.	Pharmacological Reports	2.4
2.	Molecular and Cellular Biochemistry	2.388
3.	Journal of Stroke and Cerebrovascular diseases	1.99
4.	International Journal of Pharmacological and Toxicological Research	1.241
5.	International Research Journal of Pharmacy	0.751

Mr. Subhankar Saha

S.No.	Name Of The Journal	Impact Factor
1.	World Journal of Pharmaceutical and Medical Research	3.535

Mr. Mallikarjun G

S.No.	Name Of The Journal	Impact Factor
1.	International Journal of Pharmaceutical Sciences Review and Research	2.54
2.	Indo American Journal of Pharmaceutical Research	2.37
3.	International Journal of Pharmaceutical Sciences Review and Research	2.54
4.	International Journal of Phytopharmacology	0.74



Seven Hills College of Pharmacy

Mrs. Swetha D

S.No.	Name Of The Journal	Impact Factor
1.	Reasearch journal of pharmaceutical dosage forms and technology	NIL

* h-index

23. Details of patents and income generated

- Nil

24. Areas of consultancy and income generated

- Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

- Nil

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify)

Faculty	Position	Journal /Committee
Dr. Lavanya Yaidikar	Life member	Indian Science Congress

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- The faculty is constantly encouraged to initiate and attend new academic programmes, and organize various FDPs, workshops giving at most importance to the emerging trends.



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28. Student projects

* percentage of students who have taken up in-house projects including inter-departmental projects

- 100%

* percentage of students doing projects in collaboration with other universities / industry / institute

- 10%

29. Awards / recognitions received at the national and international level by

* Faculty - NIL

* Students -NIL

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

S.NO	PROGRAMME	VENUE	DATE
1.	One Day Teaching Seminar on Emerging Trends in Pharmaceutical Sciences (ETPS-2015)	Seven Hills College of Pharmacy	02 MAY 2015, Saturday
2.	One day national seminar patient safety & CADD-molecular modeling in drug design (PSCMMDD-2013)	Seven Hills College of Pharmacy	5th April, 2013

31. Code of ethics for research followed by the departments

- The College adheres to the principle of ethical research. All the clinical research including dissertation topic and intramural research is solemnly regulated by prior approval from the Institutional Ethical Committee.



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Respect and concern for patient's interests are of the primary consideration.
Good clinical practice and strict protocols are followed implicitly.

32. Student profile program-wise:

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M. Pharm (Pharmacology) (2014-2015)	5	2	3	0	2
M. Pharm (Pharmacology) (2015-2016)	2	1	1	1	0
M. Pharm (Pharmacology) (2016-2017)	3	0	3	--	---

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M Pharm (Pharmacology) (2014-2015)	80	20	---	---
M.Pharm (Pharmacology) (2015-2016)	100	---	---	---
M.Pharm (Pharmacology) (2016-2017)	100	---	---	---

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS



Seven Hills College of Pharmacy

and other competitive examinations? Give details category-wise.

- Nil

35. Student progression

Student progression	Percentage against enrolled
UG to PG	40%
PG to M.Phil, DM / M Ch / DNB	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	30%
• Other than campus recruitment	70%
Entrepreneurs	--

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	100%
from other universities within the State	
from universities from other States	
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

- Dr. Y. Lavanya, awarded PhD during 2016 by Sri Padmavathy Mahila University, Tirupathi



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38. Present details of departmental infrastructural facilities with regard to

- a) Library – Available with central Library
- b) Internet facilities for staff and students - Available
- c) Total number of class rooms - 1
- d) Class rooms with ICT facility and 'smart' class rooms - 1
- e) Students' laboratories - 1
- f) Research laboratories – 01

39. List of doctoral, post-doctoral students and Research Associates

- a) From the host institution/university - NIL
- b) From other institutions universities - NIL

40. Number of post graduate students getting financial assistance from the university.

- Nil

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

- Not Applicable

42. Does the department obtain feedback from

g. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

- Yes. The College collects feedback on curriculum as well as on teaching and learning. These feedbacks are analyzed and the analyses outcome is utilized for correcting the deficiencies in the curriculum such as designing enrichment courses, adding innovative programs specific to the courses.



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h. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

- Students similarly provide feedback on courses, programs and library. From the analysis outcome, necessary actions are initiated to improve the curriculum, teaching-learning and evaluation.

i. Alumni and employers on the programs offered and how does the department utilize the feedback?

- The college has registered Alumni Association and meets periodically. During such meetings, Alumni provide feedback of the Curriculum, Program and competencies gained while they were students of the campus. Similarly, employers and other academicians give their opinion during their visit of the campus. Based on the outcome analysis, appropriate actions are initiated.

43. List the distinguished alumni of the department (maximum 10) :

- Mr. Prudhvi Raj, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Mrs. L. Divya, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Ms. Harika, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Mr. Charan, currently working as Assistant Professor, Department of Analysis in the same institute.
- Ms. Hema Faith, currently working as Associate, Scientific Medical Writing, Spy Globals, Chennai.

44. List the teaching methods adopted by the faculty for different programs including clinical teaching.



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PG Program
Lectures with power point and audiovisual aids Basic sciences classes with audiovisual aids, models Preclinical and clinical workshops
Specimens, models, charts Seminars and JC presentation
Poster presentation, seminars, special lectures workshops dissertation presentation

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

- The department aims to inculcate discipline, ethical and moral values to the students as health care professionals.
- All the undergraduates are assessed by giving weekly, monthly, and unscheduled test in specific chapters.
- Theory and practical internal assessments are conducted thrice in a year. The evaluated papers are then communicated to the students through department notices/circulars.
- All the post graduates are assessed through their seminars, journal clubs, and case presentations.

47. Highlight the participation of students and faculty in extension activities.

- Faculty and the students regularly participate in extension activities conducting rural health camps for rural population, emphasizing more on health awareness programs.

48. Give details of “beyond syllabus scholarly activities” of the department.



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- Actively participated in NSS programmes, Social awareness programme.
49. State whether the program/ department is accredited/ graded by other agencies?
If yes, give details.
- ISO 9001-2008
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- Pharmacology education has become increasingly important as the roles of pharmacologists in administering, prescribing and educating patients about their medications have grown. The department of pharmacology apart from educating skilled pharmacist it also educate people living in the rural areas about drug information, adcvercities of high dosage, poison management etc.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Eminent staff
2. Good infrastructure ,laboratories & equipment
3. Library facilities
4. Computer with wifi faciltity
5. Management Support

Weakness:

1. Motivating students towards competitive examinations like GATE/ CAT/ GRE and also towards Govt./public sectors“ jobs.
2. Number of PhD holders are less, however, most of the M.pharm qualified Faculty members are pursuing PhD Part time in different universities. Expecting a good no. of PhD within a couple years



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3. Research facilities in the Department to be enhanced so that Faculty members can carry out their PhD research works and other research activities in the departmental labs
4. latest technologies in experimental research are to be enhanced

Opportunities:

1. Faculty Achievements
2. Student Monitoring
3. Faculty Motivation Programmes
4. Extra-Curricular Activities

Challenges

1. Qualified Faculty Retention
2. High competition
3. Job Market slowdown/ recession

52. Future plans of the department.

1. To establish industry / academic interactions or collaborations with reputed external organizations
2. Provide better opportunities for our faculty and students to engage in Professional consultancy services to the government as well as multinational sectors.
3. To encourage the students to become entrepreneurs.
4. To promote student exchange program for higher Semester students.
5. Strengthening of linkages with DST, AICTE, UGC etc. for contributing towards the productive socio-economic growth of our Nation.
6. Patenting the innovative research work carried out in the department.



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Evaluative Report of the Department

1. Name of the Department: Department of Pharmaceutics
2. Year of establishment : 2011
3. Is the Department part of a college/Faculty of the university?
 - Part of Seven Hills College of Pharmacy
4. Names of programs offered (UG, PG, Pharm D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M. /M.Ch. Super specialty fellowship, etc.)
 - U G Program: B. Pharmacy
 - Post Graduate program : Master of Pharmaceutics (M. Pharma)
5. Interdisciplinary programs and departments involved
 - Evaluation of binding efficacy of natural gums - with Department of Pharmacognosy
 - Evaluation of disintegration efficacy of natural excipients - with Department of Pharmacognosy
 - Interaction studies between drug and excipients - with Department of Pharmaceutical Analysis
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
 - Nil
7. Details of programs discontinued, if any, with reasons
 - Nil



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8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- B. Pharma
 - Semester based credit system
- M. Pharma
 - Semester based credit System

9. Participation of the department in the courses offered by other departments

- a. Pharmaceutics – Drug Regulatory Affairs
- b. Pharmacology
- c. Pharmaceutical Analysis
- d. B. Pharmacy
- e. M. Pharmacy

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	
Associate Professor/Reader	02	02	
Senior Lecturer	02	02	
Tutor / Clinical Instructor	Nil	Nil	

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience as on 1.1.2017



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Name	Qualification	Designation	Specialization	No. of Years of Experience as on 1.1.2017
Dr. Subhashis Debnath	M. Pharm., Ph.D	Professor & HOD	Pharmaceutics	09
Mr. Venkataramana Goalla	M. Pharm., (Ph.D)	Associate Professor	Pharmaceutics	08
Mr. Koushik Sen Gupta	M. Pharm., (Ph.D)	Associate Professor	Pharmaceutics	07
Mr. Mogal Althaff	M. Pharm.,	Assistant Professor	Pharmaceutics	06
Mr. Lakshmipathi Divya	M. Pharm.,	Assistant Professor	Pharmaceutics	03

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

- Nil

13. Percentage of classes taken by temporary faculty – program-wise information

- None

14. Program-wise Student Teacher Ratio

UG	PG
15:1	5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual



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Category	Sanctioned	Filled
Assistant	2	2
Attender	2	2
Technician	2	2

16. Research thrust areas as recognized by major funding agencies

- Improvement of solubility of BCS II Drugs, Novel Drug Delivery Systems

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

- Though there are no national and international funding agencies, the management is interested in funding research projects through Education Society

S. No	Faculty name	Ongoing projects
1	Dr Subhashis Debnath	Improvement of solubility of lipophilic drug using nanoemulsion
2	Mr. Koushik Sengupta	Novel Drug delivery System for targeting drug to the specific organ.
3	Mrs. L Divya	Enhancement of dissolution characteristics of BCS type II drugs.

18. Inter-institutional collaborative projects and associated grants received d) National collaboration b) International collaboration

- Nil

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- Nil



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20. Research facility / centre with

- * state recognition – Yes, JNTUA
- * national recognition – Yes, PCI
- * international recognition – Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies

- Vital Pharmaceutical limited, Hyderabad
- Cronus Research lab, Bangalore (Capsule filling machine Machine)
- Strides Acro lab limited, Bangalore (Tablet Punching Machine)
- Milon labs, Bangalore

22. Publications

- * Number of papers published in peer reviewed journals (national / international)

NAME OF THE FACULTY	No. OF PAPERS PUBLISHED
Dr. Subhashis Debnath	36
Mr. Koushik Sengupta	06
Mrs. Lakshmipathi Divya	06

Dr. Subhashis Debnath

S.No	Name of journal	Title
1	International Journal Of Pharmaceutical Sciences And Nanotechnology	1. Studies On The Preparation And Evaluation Of Chitosan Nanoparticles Containing



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		Cytarabine.
2	Journal Of Chronotherapy And Drug Delivery	2. Nanoparticles As Carriers For Drug Targeting.
3	Research Journal Of Topical And Cosmetic Science	3. Formulation And Evaluation Of Herbal Antimicrobial Deodorant Stick
4	Research Journal Of Pharmacy And Technology.	4. Iontropic Gelation - A Novel Method To Prepare Chitosan Nanoparticles.
5	International Journal Of Pharmaceutical Frontier And Research.	5. Formulation And Evaluation Of Floatable In Situ Gel As Carrier For Stomach-Specific Drug Delivery Of Metoclopramide Hcl.
6	Research Journal Of Pharmacognosy And Phytochemistry.	6. Formulation and Evaluation Of Liquid Soap Containing Herbal Antimicrobial Agent.
7	Pharma nest	7. Nanoemulsion-A Method To Improve The Solubility Of Lipophilic Drugs.
8	Indo Global Research Journal Of Pharmaceutical Sciences.	8. Hair Testing: A Novel Analysis Of Tracing Of Drug
9	Research Journal Of Pharmaceutical Dosage Form And Technology.	9. Chronopharmaceutics As A Novel Approach For Clinically Relevant Drug Delivery System.
10	International Journal Of Drug Discovery And Technology.	10. Pulsatile Drug Delivery System (PDDS): A Review.
11	Research Journal Of Pharmacy And Technology.	11. A Review On Solid Lipid Nanoparticles.
12	Research Journal Of Pharmacy And Technology.	12. Chitosan Nano Particles By Iontropic Gelation Containing L-



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		Arginine
13	Journal Of Pharmacy Research.	13. Formulation And Evaluation Of Microspheres Of Lamivudine Prepared By Solvent Evaporation Method.
14	International Journal Of Pharmaceutical Research & Analysis.	14. Development And Validation Of First Order Derivative UV Spectrophotometric Method For The Estimation Of Tenofovir Disoproxil Fumarate, Lamivudine And Efavirenz In Bulk And Tablet Dosage Form.
15	Research Journal Of Pharmacy And Technology.	15. Simultaneous Estimation Of Tenofovir Disoproxil Fumarate, Efavirenz And Lamivudine In Bulk And Tablet Dosage Form By UV Spectrophotometry.
16	Research Journal Of Pharmacy And Technology.	16. Design, Development And Evaluation Of Novel Nanoemulsion Of Terbinafine Hcl,
17	Asian J. Pharm. Tech.	17. Preparation And Evaluation Of Solid Dispersion Of Terbinafine Hydrochloride.
18	International Journal Of Advances In Pharmaceutical Sciences	18. Emulgel: A New Platform For Topical Delivery of Lipophilic Drug
19	Indo American Journal Of Pharmaceutical Research	19. Evaluation Of Binding Efficacy Of Mucilage Of Cissus Quadrangularis In Tablet Dosage Form
20	Indo American Journal Of Pharmaceutical Research	20. Quality By Design: A Modern Approach To Pharmaceutical Development
21	Indian Journal Of Research In	21. Preparation, Characterization



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	Pharmacy And Biotechnology	And Evaluation Of Olmesartan Medoxomil-B Cyclodextrin Complexes
22	International Journal Of Research In Pharmaceutical And Nano Sciences	22. Chemically Modified Starches And Their Applications In Pharmacy
23	Indian Journal Of Pharmaceutical Science & Research	23. A Review On Industrial Safety
24	Indian Journal Of Pharmaceutical Science & Research	24. Ocular Drug Delevery- A Review
25	International Journal Of Pharmacy Review & Research	25. Nanoparticles A Novel Approach-A Review
26	Indian Journal Of Pharmaceutical Science & Research	26. A Review On Dosage Regimen
27	International Journal Of Innovative Drug Discovery	27. Transdermal Drug Delevery System-A Review
28	International Journal Of Advanced Pharmaceutics	28. Review On Drug Targetting To Brain
29	Indian Journal Of Research In Pharmacy And Biotechnology	29. Applications Of Organogels In Drug Delivery
30	International Journal Of Pharmaceutical Formulation And Analysis	30. Bioanalytical Method Development And Biological Assessment Of Terbinafine HCL In Vivo From Nanoemulsion And Other Dosage Forms
31	Australian Journal Of Pharmaceutical Research	31. Formulation And Evaluation Of Extended Release Tablets Of Ranolazine
32	Indo American Journal Of	32. Cefexime Loaded Muco-



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	Pharmaceutical Research,	Adhesive Micro Sphere Preparation Using Sodium Alginate Polymer
33	Indo American Journal Of Pharmaceutical Research,	33. Formulation And Evaluation Of Sublingual Tablets Of Nimodipine
34	Research Journal Of Pharmaceutical Dosage Forms And Technology	34. Food As A Vaccine
35	International Journal of Novel Trends In Pharmaceutical Sciences	35. Formulation And Evaluation Of Mucoadhesive Bilayer Buccal Tablets Of Amphotericin B Hydrocarbon
36	International Journal of Novel Trends In Pharmaceutical Sciences	36. Formulation And Evaluation Of Transdermal Patch Containing Amphotericin B
37	International Journal of Novel Trends In Pharmaceutical Sciences	37. Formulation And Evaluation Of Nanoemulsion Of Amphotericin B
38	Pharma Times	38. Radiopharmaceuticals And Their Therapeutic Applications In Health Care System

Mrs. Divya L

S.No	Name of journal	Title
1	International Journal of Pharmacy and Pharmaceutical Sciences Pharmaceutical Sciences	Design, development and <i>in vitro</i> evaluation of directly compressed sustained release matrix tablet of famotidine
2	Journal of pharmaceutical research and health care	Formulation development and <i>in vitro</i> evaluation of sustained release matrix tablets of salbutamol sulphate
3	Der Pharmacia Lettre	Design, development, evaluation and optimization of gastro retentive floating tablets of atenolol



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4	Environmental Toxicology and Pharmacology	Expedition of in vitro dissolution and <i>in vivo</i> pharmacokinetic profiling of sulphur nanoparticles based antimicrobials
5	Der Pharmacia Lettre	Regression analysis a tool for optimization of matrix systems
6	International Journal of Research in Pharmacy and Chemistry	Statistical optimization of matrix tablets using linear regression analysis

Mr. Koushik Sengupta

S.No	Name of journal	Title
1	Research Journal of Pharmacy and Technology	Design, development and <i>in vitro</i> evaluation of directly compressed sustained release matrix tablet of famotidine
2	Journal of pharmaceutical research and health care	Formulation development and <i>in vitro</i> evaluation of sustained release matrix tablets of salbutamol sulphate
3	Der Pharmacia Lettre	Design, development, evaluation and optimization of gastro retentive floating tablets of atenolol
4	Environmental Toxicology and Pharmacology	Expedition of in vitro dissolution and <i>in vivo</i> pharmacokinetic profiling of sulphur nanoparticles based antimicrobials
5	Der Pharmacia Lettre	Regression analysis a tool for optimization of matrix systems
6	International Journal of Research in Pharmacy and Chemistry	Statistical optimization of matrix tablets using linear regression analysis

* Monographs - Nil

* Chapters in Books - Nil



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* Books edited

- Subhashis Debnath, M Niranjana Babu, Controlled Drug Delivery System for Better Patient Compliance, Lambert Academic Publishing, Germany, ISBN No: 978-3-659-88594-5.

* Books with ISBN with details of publishers

- ISBN No: 978-3-659-88594-5. Lambert Academic Publishing, Germany

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)

- Nil

* Citation Index - range / average : Nil

* SNIP : Nil

* SJR : Nil

* Impact Factor - range / average : Nil

Dr. Subhashis Debnath



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S.No.	Name Of The Journal	Impact Factor
1.	Research Journal Of Pharmacy And Technology	0.07
2	Journal Of Pharmacy Research.	0.14
3	Asian J. Pharm. Tech.	0.29
4	Indo American Journal Of Pharmaceutical Research	2.37
5	Indian Journal Of Research In Pharmacy And Biotechnology	0.45
6	International Journal Of Research In Pharmaceutical And Nano Sciences	0.87
7	Indian Journal Of Pharmaceutical Science & Research	1.79
8	International Journal Of Novel Trends In Pharmaceutical Sciences	0.675
9	Pharma Times	0.33

Dr. L. Divya

S. No.	Name Of The Journal	Impact Factor
1.	Indo American Journal of Pharmaceutical Research	2.37
2.	International journal of pharmaceutical sciences	0.50

Mr. - Koushik Sen Gupta



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S. No.	Name Of The Journal	Impact Factor
1	Research Journal of Pharmacy and Technology	0.274
2	Journal of pharmaceutical research and health care	0.257
3	Der Pharmacia Lettre	0.42
4	Environmental Toxicology and Pharmacology	2.084
5	Der Pharmacia Lettre	0.48
6	International Journal of Research in Pharmacy and Chemistry	0.876

23. Details of patents and income generated

- Nil

24. Areas of consultancy and income generated

- Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Dr. Subhashis Debnath,

2010: Strides arcolab. Bengaluru. Formulation Department, Solid Dosage Form

2017: Mgass Biotek, Pvt Ltd, Trichur, Kerala. WHO GMP Ltd.

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards
d) any other (specify)

Faculty	Position	Journal/Committee
Dr. Subhashis Debnath	Editorial	Journal: Indian Journal of Research



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	Advisory Board	in Pharmacy and Biotechnology
Dr. Subhashis Debnath	Life Member	Red Cross Society
Dr. Subhashis Debnath	Reviewer	Journal: Research Journal of Pharmacy and Technology
Dr. Subhashis Debnath	Editor	Journal: Asian Journal of Pharmaceutical Research
Dr. Subhashis Debnath	Life Member	Indian Association of Colleges of Pharmacy

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- The faculty is constantly encouraged to initiate and attend new academic programmes, and organize various FDPs, workshops giving at most importance to the emerging trends.

S.NO	PROGRAMME	VENUE	DATE
1	Indian Congress of Pharmacy Practice & 2 nd Convention of IACP	Indian Association of Colleges of Pharmacy	Coimbatore, 2 nd and 3 rd April, 2016.
2	67 th Indian Pharmacy Congress	Indian Pharmaceutical Congress Association	Mysuru, 19 th to 21 st December 2015.
3	National Workshop on NIRF	ELOIT Innovations	Bengaluru, 27 th November 2015.
4	Phase I workshop for Training Resource Persons on Outcome Based Accreditation	JNTUA - NBA Nodal Center	Kurnool, 5 th March 2014
5	Phase II workshop for Outcome Based Education and Accreditation	JNTUA College of Engineering-NBA Training	Pulivendula, 21 st to 23 rd March 2014



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		Center	
6	Pharmacy Practice Module Advanced Learning Series - 5	Indian Association of Colleges of Pharmacy	Tirupati, 18 th to 20 th December 2014
7	National Seminar on Dissolution Challenges - Regulatory Perspectives	JSS College of Pharmacy	Udhagamandalam, 24 th to 25 th January 2013.
8	One Day National Seminar on Patient Safety & CADD-Molecular Modeling in Drug Design	Seven Hills College of Pharmacy	Tirupati, 23 rd March 2013
9	Pharmaceutical Industry and Academia Partnership - for Professional Excellence	Sri Padmavathi Mahila Visvavidyalayam	Tirupati, 5 th and 6 th October 2012
10	One Day National Seminar on Globalisation & its Impact on Indian Pharmaceutical Education & Research	Seven Hills College of Pharmacy	Tirupati, 10 th March 2012.
11	QIP- Short Term Course on Applications of Pharmacokinetics and Biostatistics in Clinical Practice & Current Scenario: Drug Delivery Systems and Regulatory Challenges	JSS University	Ooty, 14 th - 27 th March 2011.
12	Emerging Trends & Career Opportunities in Pharmacy	Seven Hills College of Pharmacy	Tirupati, 28 th March 2011.
13	International Symposium on Frontiers in Pharmaceutical Research and Nanotechnology	SPSP and Clinfocus Research Pvt Ltd	Tirupati, 5 th and 6 th March 2011.
14	62 nd Indian Pharmacy Congress	Indian Pharmaceutical Congress	Manipal, 17 th to 19 st December 2010.



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		Association	
15	QIP- Recent Developments in Phytochemical Research	JSS University Mysore	Ooty, 15 th to 28 th March 2010.
16	59 th Indian Pharmacy Congress	Indian Pharmaceutical Congress Association	Varanasi, 20 th to 23 rd December 2010.
17	QIP- Newer Development in Pharmaceutical Technology and Pharmacokinetics	JSS College of Pharmacy	Ooty, 30 th to 5 th April 2007.
18	Second International Conference and Indo-Canadian Satellite Symposium on Pharmaceutical Sciences, Technology, Practice and Natural Health Products	JSS Mahavidyapeetha	Ooty, 24 th to 26 th Feb 2007.
19	1 st winter school on Nanotechnology in Advanced Drug Delivery	NIPER	Chandigar-Punjab, 2 nd to 6 th December 2007.
20	Indian Pharmaceutical Congress	IPA/ College	Mumbai - 2006
21	National Seminar on Research and Education in Pharmaceutical Sciences	DST/ College	Madhya Pradesh - 2008
22	Indian Pharmaceutical Congress	IPA/ College	New Delhi - 2008
23	National Seminar on Advance Approaches in Drug Designing and Drug Targeting	AICTE/ College	Madhya Pradesh - 2009
24	Indian Pharmaceutical Congress	IPA/ College	Ahmedabad - 2009
25	Quality Improvement Program JU	AICTE/ College	Kolkata - January 2010



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26	Quality Improvement Program JU	AICTE/ College	Kolkata - June 2010
27	National Seminar on Modernization and Recent Advancement of Natural Products	DST	Madhya Pradesh - 2012
28	International Conference on New Insights into Diseases and Recent Therapeutic Approaches	IAPST/ DST	Kolkata - 2014
29	National Seminar on Emerging Thrust Area of Pharmaceuticals in the Field of Nanotechnology	DST	Kolkata - 2014
30	National Seminar on Drug and Diseases: Role of Pharmacists and Doctors		Kolkata - 2016
31	International conference on advances in biopolymer drug delivery system	CES college of pharmacy, Kurnool	CES college of pharmacy, Kurnool., A.P January 30,31, 2014.
32	Advanced Pharmaceutical Strategies - A Regulatory Perspective	CSIR - Council of Scientific & Industrial Research	Sree Vidyanikethan College of pharmacy, Tirupathi, A.P July 13-14, 2012
33	Workshop on Experimental Pharmacology & Molecular Biology	APTI Association of Pharmaceutical Teachers of India - A.P	Krishna Teja College of pharmacy, Tirupathi, A.P March 12-13, 2012
33	Workshop on Experimental Pharmacology & Molecular Biology	APTI Association of Pharmaceutical Teachers of India - A.P	Krishna Teja College of pharmacy, Tirupathi, A.P March 12-13, 2012



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28. Student projects

* percentage of students who have taken up in-house projects including inter-departmental projects

- 75%

* percentage of students doing projects in collaboration with other universities / industry / institute

- 25 %

29. Awards / recognitions received at the national and international level by

* Faculty

- Best Teacher Award: Dr. Subhashis Debnath, Smt. Mudduluru Jayalakshmi Memorial Award
- Presented Talk: Dr. Subhashis Debnath at J S S College of Pharmacy, Ooty.

* Doctoral / post doctoral fellows - Nil

* Students

- Ankith Kumar Reddy: One Day National Seminar on Patient Safety & CADD- Molecular Modeling in Drug Design

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

S.No	PROGRAMME	DATE	FUNDED BY
1	One Day Teaching Seminar on Emerging Trends in Pharmaceutical Sciences (ETPS-	02 MAY 2015	GVEWS



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	2015)		
2	One day national seminar Globalisation & Its Impact On The Indian Pharmaceutical Education & Industry	10th March, 2012	GVEWS and APTI
3	Emerging Trends And Career Opportunities In Pharmacy	28th March 2011	GVEWS and IPA

31. Code of ethics for research followed by the departments

- Followed as per the regulations and guidelines of Institutional ethics committee.
 1. All researchers must protect the integrity and reputation of education by conducting their research to higher standards
 2. Researchers must take their data and methods to reasonable external scrutiny.
 3. Researchers must accord due respect to all methodologies and they must contribute to the spirit of critical analysis and constructive criticism.
 4. Researchers must not do false research or findings.
 5. Researchers must not take any undertaking or significance on research work which they are not competent.
 6. Researchers must not criticize other researchers in unprofessional manner.
 7. Researcher should not use their research for their illegal purpose.
 8. All researchers are expected to use and cite some material but plagiarism or misuse of research will not be permitted.
 9. The authorship of publications should give due importance to relative



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leadership and contributions by the researchers concerned.

32. Student profile program-wise:

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M Pharm	02+03	02	03	100	100

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M Pharm	100	0	0	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

- Nil

35. Student progression

Student progression	Percentage against enrolled
UG to PG	10 %
PG to M.Phil, DM / M Ch / DNB	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	00
Employed	
• Campus selection	55
• Other than campus recruitment	30



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Student progression	Percentage against enrolled
Entrepreneurs	3

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	25%
from other universities within the State	-
from universities from other States	75%
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period -

- **Sri. Subhashis Debnath**, Department of Pharmaceutics, Seven Hills College of Pharmacy, Tirupati has been Awarded Ph.D Degree from **JNTUA- Anantapur, Ananthapuramu** under the Supervision of Prof. Vijaya Kumar Gampa, Professor and Principal, C V M College of Pharmacy, Karimnagar for the thesis entitled **“Formulation, Development and Optimization of Lipophilic Drug Using Nanoemulsion”**. The date of Award of Ph.D Degree was on May 2015.

38. Present details of departmental infrastructural facilities with regard to

a) Library

- Books : 125
- Nos. : 1033

b) Internet facilities for staff and students - Available

c) Total number of class rooms - 02 (two)

d) Class rooms with ICT facility and 'smart' class rooms

- Yes. Available



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e) Students' laboratories - 03 (three)

f) Research laboratories - 01 (one)

39. List of doctoral, post-doctoral students and Research Associates

a) From the host institution/ university - Nil

b) From other institutions / universities - Nil

40. Number of post graduate students getting financial assistance from the university.

- The University does not have provision for financial assistance.

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

- Not Applicable

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

- Yes. The College collects feedback on curriculum as well as on teaching and learning. These feedbacks are analyzed and the analyses outcome is utilized for correcting the deficiencies in the curriculum such as designing enrichment courses, adding innovative programs specific to the courses.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

- Students similarly provide feedback on courses, programs and library. From the analysis outcome, necessary actions are initiated to improve the curriculum, teaching-learning and evaluation.

c. Alumni and employers on the programs offered and how does the department utilize the feedback?



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- The college has registered Alumni Association and meets periodically. During such meetings, Alumni provide feedback of the Curriculum, Program and competencies gained while they were students of the campus. Similarly, employers and other academicians give their opinion during their visit of the campus. Based on the outcome analysis, appropriate actions are initiated.

43. List the distinguished alumni of the department (maximum 10)

- Mr. Prudhvi Raj, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Mrs. L. Divya, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Ms. Harika, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Mr. Charan, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Ms. Hema Faith, currently working as Associate, Scientific Medical Writing, Spy Globals, Chennai.

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

Sl.No	Topic	Speaker	Date
1	Targeted Drug Delivery System	DR. RAMESH BABU J Professor, Department of Pharmaceutics, Chebrolu Hanumaiah Institute of Pharmaceutical Sciences	08.01.2016



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2	Novel Trends in Drug Delivery	Dr.V. Ravichandran, M.Pharm, Ph.D, VELS University, Chennai	02/05/2015
3	Magnetic Nanoparticles for brain targeting	Dr Jayachandra Babu, M. Pharm, Ph. D , Auburn University, Auburn, USA	02/05/2015

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

UG teaching	PG
Lectures with power point and audiovisual aids	Basic sciences classes with audiovisual aids, models
	Preclinical and clinical workshops
Specimens, models, charts	Seminars and JC presentation
Poster presentation, seminars, special lectures	Workshops, dissertation presentation

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

- The department aims to inculcate discipline, ethical and moral values to the students as Pharmacy professionals.
- All the undergraduates are assessed by giving weekly, monthly, and unscheduled test in specific chapters.
- Theory and practical internal assessments are conducted thrice in a year. The evaluated papers are then communicated to the students through department notices/circulars.
- All the post graduates are assessed through their seminars, journal clubs, case presentations and dissertation submission.



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47. Highlight the participation of students and faculty in extension activities.

- Faculty and the students regularly participate in extension activities such as conducting camps for rural population and NSS activities emphasizing more on Health awareness programs.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Industry personality and faculty of other colleges are visiting our departments and they also share their valuable ideas with our students.
- Industry visit to the various Industries in the I and II semester add practical experience to the students to view the overall structure of the industry and steps in the formulations of dosage form,
- Students are given special care and training in article writing.

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

- All India Council for Technical Education, Pharmacy Council of India, New Delhi.
- ISO : 9001 : 2008 dated _06/04/2016

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- This lab is very essential for the B. Pharmacy, M. Pharmacy and Pharm D students to understand the basics of dosage form development and manufacture. This lab is used to meet the regular academic requirements of the above courses. This lab is equipped with machineries required for manufacturing and quality control of various dosage forms and specially designed to develop tablet dosage form. Students are allowed to handle the instruments available in the lab to understand the manufacturing and



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evaluation of dosage forms practically.

- Staff and students of this lab are engaged in various research works to develop pharmaceutical dosage forms. A major research area at this department involves development of tablet dosage form for the effective utilization of the drugs. Faculty of the lab utilizes various natural and synthetic polymers to modify the release of the drug from the tablet dosage form to meet the desired therapeutic efficacy. They are also putting their efforts in the development of novel drug delivery system using tablet technology.
- The department has been organizing journal clubs and staff/student seminars regularly to discuss on various research topics. Eminent Scientist/Experts in various fields of research are invited to deliver lectures on basic science and applied research to both faculty and students.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Availability of Highly qualified teaching and non teaching staff.
2. Availability of sophisticated instruments and State of art facilities
3. Sincere PG students working in the lab, interested to learn the new diamentions of Pharmaceutics
4. Multi-disciplinary curriculum
5. Spacious department which provides space large space for work.

Weakness:



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1. No funds and rare source for purchase of costly API
2. Highly Sophisticated instrument to support nano drug delivery system
3. Collaboration with Govt. University to use the sophisticated instrument available there
4. Link up between industry and college is lacking
5. Innovative thoughts from the side of the students

Opportunities:

1. Development of Novel Drug Delivery systems for the existing drug
2. Skilled students
3. Therapeutic efficacy of the drug can be improved
4. Research and development
5. Intellectual Property Rights

Challenges:

1. Faculty retention
2. Resources
3. Collaboration and exchange of ideas
4. Transformation of ideas from laboratory to pilot scale
5. Strengthen good quality research area in the department

52. Future plans of the department.

4. Establishment of research oriented environment in the department by using state of art technology



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5. Cultivating the students in such a way that they will be ready for the industry
6. Focussing on individual staff development for the overall development of the department
7. Establishment of industry academic collaboration.
8. Concentrating on Patents and other dealings on IPR.



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Evaluative Report of the Department

1. Name of the Department : Pharmaceutical Analysis
2. Year of establishment : 2012
3. Is the Department part of a college/Faculty of the university?
 - Yes. Part of Seven Hills College of Pharmacy
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)
 - UG Program: B. Pharmacy & Pharm.D.
 - PG Program : M. Pharmacy
5. Interdisciplinary programs and departments involved
 - In coordination with Department of Pharmaceutics we are conducting Evaluation of Novel Drug Delivery systems and Novel Formulations.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
 - Nil
7. Details of programs discontinued, if any, with reasons
 - Nil
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
 - B. Pharmacy
 - Semester based credit system
 - M. Pharmacy
 - Semester based credit System



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9. Participation of the department in the courses offered by other departments

- Conducting Theory Class and Practical's, Modern Pharmaceutical Analytical Techniques which is a common subject for all the departments.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	2	1
Associate Professor/Reader	-	-	1
Assistant Professor	3	3	1

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
1. Dr. Vijaykanth M S	M.Pharm, Ph.D	Professor	Pharma Chem	10
2. Dr. Badrud Duza Mohammad	M.Pharm, Ph. D	Professor	Pharma Analysis	7.4
3.Pranabesh Sikdar	M.Pharm	Assist. Prof	Pharma Chem	7.5
4.M. Shankar	M.Pharm	Assist. Prof	Pharma Chem	6.5
5.Raja Sekhar Penumali	M.Pharm	Assist. Prof	Pharma Chem	3.5

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- None

13. Percentage of classes taken by temporary faculty – program-wise information



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- 10-15% for the Common Subject : Biostatistics

14. Program-wise Student Teacher Ratio

UG PROGRAM	PG PROGRAM
12:1	9:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Category	Sanctioned	Filled
Assistant	2	2
Attender	2	2
Technician	2	2

16. Research thrust areas as recognized by major funding agencies

- Method development for the analysis of novel drug delivery systems and novel formulations.
- Applications of nanotechnology in pharmaceutical analysis.
- Invention of advanced analytical methodologies.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

- Nil

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

- Have National Collaboration with the Local Small Scale Pharmaceutical



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Industries for the Analysis of their finished products.

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- Nil

20. Research facility / centre with

- * state recognition : Applied for the University level Research Centre
- * national recognition : Pharmacy Council of India
- * international recognition : ISO 9000 -2008

21. Special research laboratories sponsored by / created by industry or corporate bodies

- Vital Pharmaceutical limited, Hyderabad
- Strides Acro lab limited, Bangalore
- Milon labs, Bangalore

22. Publications:

- * Number of papers published in peer reviewed journals (national / international) :

NAME OF THE FACULTY	No. OF PAPERS PUBLISHED	No. LISTED IN PUBMED
Dr. Vijaykanth M S	22	15
Badrud Duza Mohammad	17	11
Pranabesh sikdar	7	4
M. Shankar	44	14
Raja Sekhar Penumali	6	4

Dr. Badrud Duza Mohammad



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S.No	Name of journal	Title
1.	Journal of Pharmacy and Biological Sciences	Determination of FTIR Spectroscopic Invitro Drug Compatibility of Terbinafine Hydrochloride With Different Solvent Systems
2.	IntJ PharmBioSciences	Isolation, screening and optimization of growth parameters for amylase production by Bacterial isolates screened from soil sediments near agriculture fields, fish culture ponds, timber depot and oil mills
3.	International Journal of Applied Sciences and Biotechnology	Optimization Studies on Cellulase production from Bacillus anthracis, Ochrobactrum anthropi (YZ1) isolated from soil
4.	Indo American Journal of Pharm Research	Method Development and Validation For Simultaneous Estimation Of Hydrochlorothiazide and Telmisartan in Bi-Layered Tablet Dosage Form by RP-HPLC.
5.	Journal of Pharmacy and Biological Sciences	Optimization of Lipase Production from Bacillus thuringiensis(TS11BP), Achromo bacter xylooxidansJ2 (TS2MCN)-
6.	Indo American Journal of Pharm Research	Microbial Enzymes and their applications-A Review
7.	IntJPharmBioSci	Isolation, Characterization and screening of Enzyme producing bacteria from different soil samples
8.	International Journal of Applied Biology and Pharmaceutical Technology	Development And Validation of Stability Indicating RP-HPLC Method For The Determination Of Metoprolol Tartarate
9.	International Current Pharmaceutical Journal	Development and validation of RP-HPLC method for the estimation of omeprazole in bulk and capsule dosage forms



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10.	Pharmaceutical, Biological and Chemical.	Analytical Method Development and Validation of RP-HPLC Method for the determination of Gemcitabine in Bulk and Pharmaceutical Dosage Form
11.	International Journal of Pharmacy,	Bioanalytical Method Development and Validation for the Quantitation of Zolmitriptan by using LC-MS/MS,
12.	International Journal of Pharmacy and Pharmaceutical Sciences	Development And Validation Of RP-HPLC Method For The Determination Of Tirofiban In Pharmaceutical Dosage Form
13.	Journal of Chemical and Pharmaceutical Sciences	Estimation of Hydrochlorothiazide in Pure and Pharmaceutical Dosage Forms by RP-HPLC
14.	Journal of Chemical and Pharmaceutical sciences	Method Development and Validation of Montelukast Sodium in Bulk and Pharmaceutical Dosage Forms by RP-HPLC
15.	Journal of Chemical and Pharmaceutical sciences,	Estimation of Donepezil in Bulk and Pharmaceutical Dosage Forms By RP-HPLC
16.	International Journal of Research in Pharmacy and Chemistry,	Kesinathreddy.k Quantitative estimation of valsartan in pure and capsule dosage forms by RP-HPLC,
17.	Int.J.Chem.Sci	Quantification Method Development and Validation for Analysis of Rivastigmine in Bulk and Pharmaceutical Dosage form by RP-HPLC

Pranabesh Sikdar

S.No	Name of journal	Title
1.	International Journal Of Novel Trends In Pharmaceutical Sciences	<i>In-vitro</i> antioxidant activity of Hydroalcoholic extract of <i>Gracilaria edulis</i> (GMELIN)



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2.	Indo American Journal Of Pharmaceutical research	Extraction And Antibacterial Activity Of <i>Graceleria Edulis</i>
3.	Journal Of Pharmacy Research	Synthesis and antimicrobial activity of some novel ciprofloxacin analogues
4.	Pakistan Journal Of Pharmaceutical Science	Synthesis And Biological Evaluation Of Some Schiff Bases Of [4-(Amino) -5-Phenyl- 4h-1, 2, 4-Triazole- 3- Thiol]
5.	International journal of novel trends in pharmaceutical sciences	An overview on polycystic ovary syndrome and its treatment.
6.	International Journal Of Pharmaceutical Research And Analysis	Development And Validation Of First Order Derivative Uv Spectrophotometric Method For The Estimation Of Tenofovir Disoproxil Fumarate, Lamivudine And Efavirenz In Bulk And Tablet Dosage Form
7.	Research Journal Of Pharmaceutical And Technology	Simultaneous Estimation of Tenofovir Disoproxil Fumarate, Efavirenz and Lamivudine in Bulk and Tablet Dosage Form by UV Spectrophotometry

M. Shankar

S.No	Name of journal	Title
1.	Pharmaceutical Chemistry Journal (springer)	Synthesis and biological evaluation of new bis-indolyl (3-o-benzyl-1,2-o isopropylideneoxylopentadialdose-a-d-glucofuranose)
2.	Pelagia Research Library	Anti oxidant activity of methanolic extracts of female borassus flabellifer leaves and roots
3.	Int. J. Pharm & Ind. Res	Preliminary phytochemical and diuretic potential of methanolic extract of azima



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		tetra cahntham lam., leaf
4.	Journal of Pharmacy Research	Study of anti diabetic and anti oxidant activities of methanolic extract of Xanthium strumarium (Linn.) stems on diabetic rats
5.	Asian J. Research Chem	Denovo Design of the Lead against Cyclo-Oxygenase Receptor
6.	International Journal of Pharmaceutical Sciences and Nanotechnology	Pharmaceutical Applications of Carbon Nanotube-Mediated Drug Delivery Systems
7.	International Journal of Phytopharmacology	Extraction And Preliminary Phytochemical Investigation On Whole Plant Of Peperomia Tetraphylla (G.Forst.Hook & Arn)
8.	International Journal of Pharmacy & Therapeutics	Pharmacognostical studies on the leaves of vigna radiata (L.) R. Wilczek
9.	Indian Drugs	Treatment of obesity through herbal therapy
10.	Indian Journal of Pharmaceutical Science & Research	Advantages of insulin pump over other insulin injection
11.	International Journal of Pharmacy and Pharmaceutical Sciences (Elsevier)	Synthesis and biological evaluation of novel pyrazolyl bis-indolylmethane
12.	IJPPDR	Design and in-vitro evaluation of mouth dissolving tablets of pioglitazone hydrochloride by using novel coprocessed superdisintegrants
13.	International Journal of Applied Research in Natural Products (Taylor and Francis)	Screening of the Methanolic Extract of Eugenia Jambolana Leaf for its Hepatoprotective Activity in Carbon Tetrachloride induced rats



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14.	International Journal of Biological & Pharmaceutical Research	Anticonvulsant Activity of Leaf Extract of <i>Vigna radiata</i> (L.) Wilezek
15.	International Journal of Phytopharmacology	Pharmacognostic and Preliminary Phytochemical Investigation on Leaf Extracts of <i>Myristica dactyloides</i> Gaertn
16.	Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry,	Computer aided drug design for human rhinovirus from phenoxy derivatives.
17.	International Journal of Applied Research in Natural Products (Taylor and Francis)	Hepatoprotective Activity of Methanolic Extract of <i>Oldenlandia Herbacea</i> Against D - Galactosamine Induced Rats
18.	International Journal of Novel Trends in Pharmaceutical Sciences	Genomic/ Personalized Medicine: A strategy to revolutionize health care system
19.	International Journal of Phytopharmacology	Evaluation of anti-ulcer activity of methanolic extract of <i>Balanites aegyptiaca</i> Bark
20.	International Journal of Research in Pharmaceutical and Nano Science,	Development and Characterization Of An Antimicrotubular Taxane Loaded Mpeg-B-Pcl Nanoparticles
21.	Asian journal of Research in Pharmaceutical Sciences and Biotechnology,	Nano medicine: a novel class of drug delivery system.
22.	Asian journal of Research in Chemistry and Pharmaceutical Sciences,	Formulation and in vitro evaluation of levofloxacin oral dispersible tablets.
23.	Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry,	Stability Studies: A Review
24.	European Journal of Pharmacology &	Stem Cells - A review



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	Toxicology	
25.	Singapore Journal of Pharmaceutical Research,	Anti-hyperlipidemic activity of the methanolic extract of eugenia jambolana bark in high fat diet induced hyperlipidemic rat
26.	World Journal of Pharmacy and Pharmaceutical Sciences (Pubmed)	A review - importance of nano technology in pharmaceutical preparation
27.	European Journal of Pharmaceutical Science and Research	Importance of structural activity relationship in computer aided drug design - a review
28.	Der Pharmacologia Sinica	Wound healing and its importance- a review.
29.	Asian Journal of Phytomedicine and Clinical Research	Phytochemical Investigation and Antibacterial Activity of Hydroalcoholic Extract of Terminalia bellirica leaf
30.	Asian Journal of Phytomedicine and Clinical Research	Food borne diseases an overview
31.	Acta Biomedica Scientia,	Antioxidant and its role - An Overview
32.	American Journal of Biological and Pharmaceutical Research	Types and Importance of Berries - A Review
33.	International Journal of Pharmacy and Pharmaceutical Sciences (Elsevier)	Anti-diabetic activity of hydroalcoholic extract of eugenia jambolana leaves in alloxan induced diabetic rats
34.	Research journal of Pharmacy and Technology	In-Vitro Antioxidant Activities of Various Extracts of Eugenia jambolana Leaves.
35.	International Journal of Novel Trends in Pharmaceutical Sciences	Advantages of inhaled insulin over insulin injection.



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36.	International Journal of Novel Trends in Pharmaceutical Sciences,	Chikungunya vaccine 2014 – A current view
37.	International Journal of Novel Trends in Pharmaceutical Sciences,	A current view on new cancer drugs (2014-USFDA approved) over old drugs.
38.	New Horizons in Translational Medicine (Elsevier)	Characterization and Biological Evaluation of Tetrazole Derivatives with Copper Ion
39.	Acta Biomedica Scientia	Blood substituents an overview.
40.	American Journal of Biological and Pharmaceutical Research	A current view on alopecia areata.
41.	American Journal of Oral Medicine and Radiology	Complementary and alternative medicine an overview.
42.	Acta Biomedica Scientia	A Overview On Difficulties And Drawbacks Associated With Animals In Drug Development
43.	American Journal of Biological and Pharmaceutical Research	A over view on molecular docking.
44.	European Journal of Molecular Biology and Biochemistry,	A Current View on Microsponge Drug Delivery System

Monographs:

None

* Chapters in Books:

None

* Books edited :

None

* Books with ISBN with details of publishers



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None

- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
- * Citation Index - range / average :

Dr. Badrud Duza Mohammad

S.No	Name of journal	Impact factor
1.	Journal of Pharmacy and Biological Sciences	3.83
2.	IntJ PharmBioSciences	5.1
3.	International Journal of Applied Sciences and Biotechnology	1.42
4.	Indo American Journal of Pharm Research	4.58
5.	JournalofPharmacyandBiologicalSciences	3.83
6.	Indo American Journal of Pharm Research	1.25
7.	IntJPharmBioSci	2.96
8.	InternationalJournalofAppliedBiologyandPharmaceuticalTechnology	0.81
9.	International CurrentPharmaceuticalJournal	4.1
10.	Pharmaceutical,Biologicaland Chemical.	.35
11.	International Journal of Pharmacy and Pharmaceutical Sciences	.49
12.	Journalof ChemicalandPharmaceuticalsciences	.68
13.	Journalof ChemicalandPharmaceuticalsciences	.68
14.	Journal of Chemical and Pharmaceutical sciences,	.68
15.	InternationalJournalof Researchin PharmacyandChemistry,	.52
16.	Int.J.Chem.Sci	.12

Pranabesh Sikdar

S.No	Name of journal	Impact factor
1.	International Journal Of Novel Trends In Pharmaceutical Sciences	2.695
2.	Indo American Journal Of Pharmaceutical research	2.37
3.	International journal of novel trends in pharmaceutical	2.695



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	sciences	
4.	International Journal Of Pharmaceutical Research And Analysis	0.18

M. Shankar

S.No	Name of journal	Impact factor
1.	Pharmaceutical Chemistry Journal (springer)	0.46
2.	Pelagia Research Library	1.09
3.	Int. J. Pharm & Ind. Res	0.29
4.	Journal of Pharmacy Research	0.78
5.	Asian J. Research Chem	0.39
6.	International Journal of Phytopharmacology	0.70
7.	Indian Drugs	1.2
8.	Indian Journal of Pharmaceutical Science & Research	0.762
9.	International Journal of Pharmacy and Pharmaceutical Sciences (Elsevier)	0.49
10.	IJPPDR	1.72
11.	International Journal of Applied Research in Natural Products (Taylor and francis)	2.02
12.	International Journal of Phytopharmacology	0.70
13.	Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry,	0.68
14.	International Journal of Applied Research in Natural Products (Taylor and francis)	2.02
15.	International Journal of Novel Trends in Pharmaceutical Sciences	1.5
16.	International Journal of Phytopharmacology	0.7
17.	International Journal of Research in Pharmaceutical and Nano Science,	0.92
18.	Asian journal of Research in Pharmaceutical Sciences and Biotechnology,	0.80
19.	Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry,	0.68
20.	World Journal of Pharmacy and Pharmaceutical Sciences (Pubmed)	6.04
21.	Asian Journal of Phytomedicine and Clinical Research	0.89
22.	International Journal of Pharmacy and Pharmaceutical	0.49



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	Sciences (Elsevier)	
23.	Research journal of Pharmacy and Technology	1.34
24.	International Journal of Novel Trends in Pharmaceutical Sciences	1.5
25.	International Journal of Novel Trends in Pharmaceutical Sciences,	1.5
26.	International Journal of Novel Trends in Pharmaceutical Sciences,	1.5
27.	New Horizonsin Translational Medicine (Elsevier)	2.7

- * SNIP:
- * SJR
- * Impact Factor – range / average
- * h-index

23. Details of patents and income generated

- Nil

24. Areas of consultancy and income generated

- Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :

- Nil

26. Faculty serving in

- a) National committees
- b) International committees
- c) Editorial Boards

Faculty	Position	Journal / Committee
Dr. Mohammad Badrud Duza	Member	Indian Pharmaceutical Association Association of Pharmaceutical Teachers



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		of India Indian Pharmacy Graduates Association Indian Science Congress Association International Pharmacy Federation (FIP) Association of Biotechnology and Pharmacy
	Editorial board	Indian Journal of Research in Pharmacy and Biotechnology
M. Shankar	Member	Association of Pharmaceutical Teachers of India -AP/LM-840
	Advisory board	www.uptodateresearchpublication.com
	Editorial board	Journal of international pharmaceutical sciences

d) any other (specify)

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- The faculty is constantly encouraged to initiate and attend new academic programmes, and organize various FDPs, workshops giving at most importance to the emerging trends.

S.NO	PROGRAMME	VENUE	DATE
1.	68 th Indian Pharmacy Congress	Vizag	16 th dec to 18 dec 2016
2.	11 th Asia Pacific Chitin and Chitosan Symposium	International Chitosan Society	Kochi & 28-30-09-2016
3.	Indian Congress of Pharmacy Practice & 2 nd Convention of IACP	Coimbatore,	2 nd and 3 rd April, 2016.
4.	67 th Indian Pharmacy Congress	Mysuru,	19 th to 21 st December



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			2015.
5.	National Workshop on NIRF	Bengaluru,	27 th November 2015.
6.	Phase I workshop for Training Resource Persons on Outcome Based Accreditation	Kurnool,	5 th March 2014
7.	Recent trends and development in herbal medicine and cosmetics	Oxford college of pharmacy,	29 th March 2014
8.	National seminar on pharmaceutical approach for malarial targetting and resistance	ICMR, University of Hyderabad	14,15-02-2014
9.	National seminar on Scope and prospective in industry institution interaction	Sree Vidyanikethan college of Pharmacy	20, 21-09-2014
10.	Oneday workshop on Intellectual property rights and patent filing	JSS University	24-09-2014
11.	Phase II workshop for Outcome Based Education and Accreditation	Pulivendula	21 st to 23 rd March 2014
12.	Pharmacy Practice Module Advanced Learning Series - 5	Tirupati,	18 th to 20 th December 2014
13.	International conference on advances in biopolymer drug delivery system.	CES college of pharmacy, Kurnool	January 30,31, 2014.
14.	National Seminar on Dissolution Challenges Regulatory Perspectives	Udhagamandala m,	24 th to 25 th January 2013.
15.	National seminar on Dissolution challenges-	JSS University	24-25-01-2013



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	Regulatory perspectives		
16.	Disso India 2013	SPDS, Mumbai	3-4-05- 2013
17.	One Day National Seminar on Patient Safety & CADD-Molecular Modeling in Drug Design	Tirupati,	23 rd March 2013
18.	4 th World Congress on Bioavailability & Bioequivalence: Pharmaceutical R & D Summit	Beijing	20-22-05-2013
19.	Scientific Principles in dissolution science and drug testing	JSS University	18-10-2013
20.	Pharmaceutical Industry and Academia Partnership - for Professional Excellence	Tirupati,	5 th and 6 th October 2012
21.	One Day National Seminar on Globalisation & its Impact on Indian Pharmaceutical Education & Research	Tirupati,	10 th March 2012.
22.	Workshop on Experimental Pharmacology & Molecular Biology	APTI, AP	March 12-13, 2012
23.	International conference on "Pharmacoeconomics and Good Pharmacy Practice"	Raghavendra Institute Pharmaceutical Educational Research	Oct-2012.
24.	12 th International Congress of Ethnopharmacology	Kolkata	17-19-02-2012
25.	National seminar on clinical and Molecular approaches for	Ooty	2-3-03-2012



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	Drug discovery		
26.	64 th IPC-2012	SRM, Chennai	7-9-12-12

28. Student projects

- * percentage of students who have taken up in-house projects including inter-departmental projects
 - 30 - 50 %
- * percentage of students doing projects in collaboration with other universities / industry / institute
 - 50-60%

29. Awards / recognitions received at the national and international level by

- * Faculty
- * Doctoral / post doctoral fellows
- * Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

S.NO	PROGRAMME	VENUE	DATE
3.	One Day Teaching Seminar on Emerging Trends in Pharmaceutical Sciences (ETPS-2015)	Seven Hills College of Pharmacy	02 MAY 2015, Saturday
4.	Pharmacy Practice Repeat Module Advance Learning Series - 5 (In association with IACP- Chennai and Other Pharm D Offering Colleges of Tirupati).	Krishna theja college of pharmacy	18th December to 20th December 2014
5.	Regional Seminar on Pharm D -	Seven Hills College of	7th March, 2014



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	Present and Future in India & Abroad	Pharmacy	
6.	One day national seminar patient safety & CADD-molecular modeling in drug design (PSCMMDD-2013)	Seven Hills College of Pharmacy	5th April, 2013
7.	One day national seminar globalisation & its impact on the indian pharmaceutical education & industry in Collaboration with APTI, AP State Branch.	Seven Hills College of Pharmacy	10th March, 2012

31. Code of ethics for research followed by the departments

- The College adheres to the principle of ethical research. All the clinical research including dissertation topic and intramural research is solemnly regulated by prior approval from the Institutional Ethical Committee. Respect and concern for patient's interests are of the primary consideration. Good clinical practice and strict protocols are followed implicitly.

32. Student profile program-wise:

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
<ul style="list-style-type: none"> The students are admitted through the centralized counseling. 					
M. Pharm : Pharm Analysis	2012-2014	8	4	8	4
	2013-2015	10	4		
	2014-2016	7	2		
	2015-2017	2	2	Undergoing Project	
	2016-2018	6	9	Studying Iyr M.Pharm	

33. Diversity of students



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Name of the Program (refer to question no. 4)	Year of Study	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M. Pharm : Pharm Analysis	2012-2014	09	03	Nil	Nil
	2013-2015	13	Nil	01	Nil
	2014-2016	09	Nil	Nil	Nil
	2015-2017	03	Nil	01	Nil
	2016-2018	14	Nil	01	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

- Nil

35. Student progression

Student progression	Percentage against enrolled
UG to PG	Not Applicable
PG to M.Phil, DM / M Ch / DNB	None
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	Not Applicable
Employed	
• Campus selection	10%
• Other than campus recruitment	60%
Entrepreneurs	Nil

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	Nil



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from other universities within the State	50%
from universities from other States	50%
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

- Nil

38. Present details of departmental infrastructural facilities with regard to

a) Library

- Institute is having Common library with open access facility

b) Internet facilities for staff and students

- Institute is providing free Wifi facility throughout campus 24x7 for both students and faculty

c) Total number of class rooms

- $4+6+4 = 14$ (Fourteen)

d) Class rooms with ICT facility and 'smart' class rooms

- All classrooms are provided with LED Projectors and computer system with internet facility

e) Students' laboratories

- The Department of Pharmaceutical Analysis is provided with Three student laboratories

f) Research laboratories

- The department is having one Research Laboratory with all sophisticated equipment.



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39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/ university

- Nil

b) from other institutions/ universities

- Nil

40. Number of post graduate students getting financial assistance from the university.

- The students are admitted through the centralized counseling by AP State government.
- Around 70% of students admitted are PGECET/GPAT qualified.
- Most of these students are getting scholarships from the government in the form of fees reimbursement

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

- Not Applicable

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

- Yes. The College collects feedback on curriculum as well as on teaching and learning. These feedbacks are analyzed and the analyses outcome is utilized for correcting the deficiencies in the curriculum such as designing enrichment courses, adding innovative programs specific to the courses.

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?



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- Students similarly provide feedback on courses, programs and library. From the analysis outcome, necessary actions are initiated to improve the curriculum, teaching-learning and evaluation.
- c. alumni and employers on the programs offered and how does the department utilize the feedback?
- The college has registered Alumni Association and meets periodically. During such meetings, Alumni provide feedback of the Curriculum, Program and competencies gained while they were students of the campus. Similarly, employers and other academicians give their opinion during their visit of the campus. Based on the outcome analysis, appropriate actions are initiated.
43. List the distinguished alumni of the department (maximum 10)
- Mr. Prudhvi Raj, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
 - Mrs. L. Divya, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
 - Mrs. Harika, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
 - Mrs. R. Sireesha, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
 - Mr. R. Kumar, currently working as Assistant Professor, Department of Analysis in the same institute.
 - Ms. Hema Faith, currently working as Associate, Scientific Medical Writing, Spy Globals, Chennai.
44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.
-



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S.NO	PROGRAMME	Speker	DATE
1.	One Day Teaching Seminar on Emerging Trends in Pharmaceutical Sciences (ETPS-2015)	<p>Dr.V.Ravichandran,M.Pharm, Ph.D, VELS University,Chennai.</p> <p>Dr Jayachandra Babu, M.Pharm, Ph.D , Auburn University, Auburn, USA.</p> <p>Dr.V Venugopal, MD, Ph.D, North Dakota Meenakshi Medical College and Research Institute- Kanchipuram.</p> <p>Dr. S. Annadurai M.Pharm, PhD, F.I.C, Christian Medical College (CMC) Vellore.</p>	02 MAY 2015, Saturday
2.	Regional Seminar on Pharm D – Present and Future in India & Abroad	<p>Prof. Vijaya Raghavan, Bellevue Hospitals, New York, USA.</p> <p>Dr. T. K Praveen, Assistant Professor, J.S.S College of Pharmacy, Ooty.</p>	7th March, 2014
3.	Pharmacy Practice Repeat Module Advance Learning Series – 5 (In association with IACP- Chennai and Other Pharm D Offering Colleges of Tirupati).	<p>Prof Krishna Kumar, Howard University, Washington.</p> <p>Prof. Sara McBane, University of California</p> <p>Prof Wendy Brown, North Dakota State University School of Pharmacy</p>	18th December to 20th December 2014
4.	One day national seminar patient safety & CADD- molecular modeling in drug design (PSCMMDD-2013)	Dr.M. Ravi Kumar, Senior applications Scientist, Schrodinger.	5th April, 2013



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		<p>Dr. MD. Afzal Azam, Head, Department of Pharmaceutical Chemistry, JSS College of Pharmacy, Ootacamund.</p> <p>Mr.K.P. Arun, (Asst. Prof.), Department of Pharmacy Practice, JSS College of Pharmacy, Ootacamund.</p>	
5.	<p>One day national seminar globalisation & its impact on the indian pharmaceutical education & industry in Collaboration with APTI, AP State Branch.</p>	<p>Dr. William Carey M. President, APTI. AP state branch.</p> <p>Dr. Vinay Rao, Vice president - Formulation Dept. Aurobindo Pharma Research Center, Hyderabad.</p> <p>Dr. Sumathi Rao, Vice president - AR&D Aurobindo Pharma Research Center, Hyderabad.</p> <p>Mr Vimeshwar , Incharge QA & QC- STRIDES Arco Lab Limited, Bangalore</p>	<p>10th March, 2012</p>

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

UG teaching	PG
Lectures with power point and audiovisual aids	Theoretical classes with audiovisual aids, models
	Preclinical and clinical workshops
Specimens, models, charts	Seminars, poster and JC presentation
Poster presentation, seminars,	Workshops dissertation presentation



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CDE's, special lectures	
-------------------------	--

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

- The department aims to inculcate discipline, ethical and moral values to the students as Pharmacy professionals.
- All the UG and PG students are assessed by giving weekly, monthly, and unscheduled test in specific chapters.
- Theory and practical internal assessments are conducted thrice in a year. The evaluated papers are then communicated to the students through department notices/circulars.
- All the post graduates are assessed through their seminars, journal clubs, and dissertation work.

47. Highlight the participation of students and faculty in extension activities.

- Before start of the class work, the affiliating University (JNT University) supplies the academic calendar, evaluation procedures through a hand book. Teaching plans for each course are supplied by the respective faculty in the beginning of each semester / year and the faculty are advised to strictly adhere to the teaching plans.
- In order to promote research, various forums have been created in the department. Students as well as faculty participate in seminars conducted.
- Faculty and the students regularly participate in extension activities such as conducting health camps for rural population, emphasizing more on health awareness programs.

48. Give details of “beyond syllabus scholarly activities” of the department.



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- Students and faculty of the department continuously focusing on novel research methodology for the development of analytical methods for various bulk and pharmaceutical preparations
 - Faculty and both UG and PG students actively participate in all the academic programs conducted by the department. Students are encouraged to participate in seminars and workshops and prepared to present posters, papers on the topic of their interest.
 - Mentoring system is introduced for the under graduate students, where each faculty member specifically takes care of a group of students. This helps in paying more attention to the students, identifying their difficulties, strengths, weakness etc.
49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.
- Yes. By ISO 1900-2008 16/04/2016
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- The department has been frequently organizing Specialist lectures /continuing education programs/conferences / workshops and seminars at the local/state/national level and trying to dissipate/generate new knowledge from the various national/international level speakers invited for the programs.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

STRENGTHS

1. The department of Ph. Analysis is the backbone of the teaching as well as research in Pharmacy profession.



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2. The major strength of the department is academically and professionally active faculty with well qualified and experienced.
3. The department of Ph. Analysis has the state of art facility for quantitative and qualitative analysis of drugs and pharmaceuticals.
4. Department serves as source of Analytical support for UG and PG students of the institute,
5. Department possess well established instrumentation lab with all sophisticated equioment like UV-Visible spectrometer, FTIR, HPCL, GC, etc, deliver the required outcome fpr M. Pharmacy students.

WEAKNESS:

1. Locational disadvantage as it is located in rural area.
2. No major pharma establishments in the area.
3. Lack of innovative activities among the present generation.

OPPORTUNITIES:

1. To grow horizontally by encouraging staff to attain greater hights in career as there are opportunities in research and teaching.
2. The new state is developing and plans to have pharma hub there are greater opportunities in research and development.
3. Better opportunities to have more and more collaborations with Institutions of repute and industries around.
4. Tirupati being strategically located and close to Chennai and Bangalore more oppourtunities for research and consultancy.

CHALLENGES:

1. As an affiliated college less freedom in designing curriculum as per



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required skills by the industry.

2. Competition in the market as more and more institutions with poor quality teaching and research.

52. Future plans of the department.

A. SHORT TERM PLANS :

- To upgrade all the laboratories with the latest equipment required for successful training of students.
- To improve the academics of the staff members by arranging Faculty Development Programs.
- Achieving academic excellence by 100% Pass in the University Examination.
- Stimulating a desire among students and faculty to make full use of infrastructural facilities and expertise within themselves to serve the society and the nation.

B. LONG TERM GOALS:

- To provide strong base for R&D.
- To make the department strong in human resources with all teaching staff qualified with Ph. D.
- To have better interaction with reputed industrial organizations.
- To undertake research projects and consultancy works.
- Achieving university ranks.
- Achieving 100% placements for the students.



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Evaluative Report of the Department

1. **Name of the Department:** Department of Pharmaceutics - Drug Regulatory Affairs
2. **Year of establishment :** 2014
3. **Is the Department part of a college/Faculty of the university?**
 - Part of Seven Hills College of Pharmacy
4. **Names of programs offered (UG, PG, Pharm D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M. /M.Ch. Super specialty fellowship, etc.)**
 - Post Graduate program : Two years full time master degree program in Pharmaceutics Drug Regulatory Affairs
5. **Interdisciplinary programs and departments involved**
 - ✓ The subjects of this program are closely related with pharmaceutics, so the interdisciplinary programs are mostly conducted with the Department of Pharmaceutics.
 - ✓ Beside this, interdisciplinary programs are conducted with the department of Pharmaceutical Analysis for analyzing the drug molecules as well as the formulations and we are taking help from the department of Pharmacology for drug safety monitoring.
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
 - Nil
7. **Details of programs discontinued, if any, with reasons**
 - Nil



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8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

- ✓ Semester Examinations conducted by Jawaharlal Nehru Technological University, Anantapur.

9. Participation of the department in the courses offered by other departments

- ✓ As per the syllabus of this program designed by the university, some subjects are common with other departments of pharmacy, so that the common subjects are taught by the faculties of respective departments.
- ✓ Beside this, several other programs like refresher courses, orientation programs like personality development, development of communication and interview skills etc. are conducted commonly with other departments by the respective professionals.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	01
Associate Professor / Reader	01	01	01
Senior Lecturer	02	02	02
Tutor / Clinical Instructor	00	00	00

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance



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Name	Qualification	Designation	Specialization	No. of Years of Experience as on 1.1.2017
Dr. Niranjan Babu Mudduluru	M. Pharm, PhD	Professor	Pharmacognosy	21.8 Years
Mr. Debarshi Datta	M.Pharm	Associate Professor	Pharmaceutics	7.2 Years
Mr. E. Anka Rao	M. Pharm	Assistant Professor	Industrial Pharmacy	4.4 Years
Mr. V. Prudhvi raj	M. Pharm	Assistant Professor	Pharmaceutics	1 year

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

- Nil

13. Percentage of classes taken by temporary faculty – program-wise information:

- Nil

14. Program-wise Student Teacher Ratio

UG	PG
N/A	1:5

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual



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Category	Sanctioned	Filled
Assistant	2	2
Attender	2	2
Technician	2	2

16. Research thrust areas as recognized by major funding agencies

- Nil

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

- Nil

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

- Nil

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- Nil

20. Research facility / centre with

- * state recognition - Yes, JNTUH
- * national recognition - Yes, PCI
- * international recognition - Nil

21. Special research laboratories sponsored by / created by industry or corporate



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bodies

- Vital Pharmaceutical limited, Hyderabad
- Cronus Research lab, Bangalore
- Strides Acro lab limited, Bangalore
- Milon labs, Bangalore

22. Publications:

- * Number of papers published in peer reviewed journals (national / international)

NAME OF THE FACULTY	No. OF PAPERS PUBLISHED
Mr. Niranjan Babu Mudduluru	40
Mr. Debarshi Datta	04
Mr. V. Prudhvi raj	04

Dr. Niranjan Babu Mudduluru

S. No	Name of journal	Title
1	Pharma Times	Radiopharmaceuticals and their Therapeutic Applications in Health Care System
2	International journal of trends in pharmacy and life sciences	Preparation and evaluation of controlled release matrix tablets of pentoxifylline
3	INVENTI	Formulation and evaluation of muco adhesive buccal gel of curcumin
4	Asian Journal of Pharmaceutical Analysis and Medicinal	FTIR spectroscopic invitro drug compatibility determination of Diclofenac diethylamine with different



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	Chemistry	solvent systems
5	Journal of chemical and pharmaceutical sciences	A review on bio analytical method development and validation by using LC MS.
6	International journal of research in pharmaceutical and nano sciences	Method development and validation of tolvaptan in bulk and tablet dosage form by RP-HPLC method
7	International journal of research in pharmaceutical nanosciences	Oral dispersible tablets
8	International journal of research in pharmaceutical and nano sciences	Development and characterization of an anti microtubular taxane loaded MPEG-PEG nanoparticles
9	International journal of nobel trends in pharma sciences	Genomic personalized medicine- a strategy to revolutionize health care system
10	Asian journal of pharm. Analysis& med chem	Computer aided drug design for human rhino virus from phenoxy derivatives.
11	International journal of advanced pharmaceuticals	Design development and evaluation of novel nano emulsion of simvastatin
12	International journal of pharmaceuticals and cosmetology	Gastroretentive Drug Delivery System: A Review
13	International journal of advanced pharmaceuticals	A Review On Drug Targetting To Brain,
14	International journal of innovative drug discovery	Transdermal drug delivery system-a review



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15	Indian journal of pharmaceutical science & research	A Review On Dosage Regimen,
16	International journal of pharmacy review & research	Nanoparticles a novel approach- A Review,
17	International journal of pharmacology & toxicology	Prodrug Approach - A Review
18	Indian journal of pharmaceutical science & research	Ocular drug delivery- A Review,
19	Indian journal of pharmaceutical science & research	A Review On Industrial Safety
20	International journal of research in pharmaceutical and nano sciences	Chemically Modified Starch And Their Applications In Pharmacy,
21	Indian journal of research in pharmacy and biotechnology	Preparation, characterization and evaluation of olmesartan medoxomil- β cyclodextrin complexes
22	Indo american journal of pharmaceutical research	Quality by design: a modern approach to pharmaceutical development
23	Indo american journal of pharmaceutical research	Evaluation of binding efficacy of mucilage of <i>cissus quadrangularis</i> in tablet dosage form
24	Asian j. Pharm. Tech	Preparation and evaluation of solid dispersion of terbinafine hydrochloride
25	Ijaps	Emulgel: a new platform for topical delivery of lipophilic drug
26	J. Pharma research j.	Development And Evaluation Of Novel



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	Pharm. And tech.	Nanoemulsion Of Terbinafine HCL
27	J. Pharma. Dosage forms and tech.	Chronopharmaceutics as a novel approach for clinically relevant drug delivery system
28	International journal of pharmaceutical sciences & nanotechnology	Studies on the preparation and evaluation of chitosan nanoparticles containing cytarabine
29	International journal of pharmaceutical frontier research	Formulation and evaluation of floating in situ gel as carrier for stomach-specific drug delivery of metoclopramide hcl
30	Indo-Global Research Journal of Pharmaceutical Sciences	Review Article on Hair Testing: A Novel analysis of tracing of drug
31	International Journal of Pharmaceutical Sciences Review & Research	Anhelminthic Study & Medicinal Herbs - An Overview
32	Research Journal of pharmacy & Technology	Pharmacognostical Phytochemical and Antifungal Activity of Aristolochia bracteolate Lam., in Ringworm infection
33	Journal of Pharmacy Research	Pharmacognostical Phytochemical and Antioxidant studies of Achyranthes aspera Linn and Achyranthes bidenta Blume
34	Research Journal of Pharmacy & Technology	Iontropic Gelation - A Novel method to prepare chitosan nanoparticles
35	Research Journal of Topical & Cosmetic Sciences	Formulation & evaluation of herbal antimicrobial deodorant stick
36	Research Journal of	Formulation & Evaluation of liquid soap



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	Pharmacognosy & Phytochemistry	containing herbal antimicrobial agent
37	Pharmacy Research	Pharmacognostical Phytochemical and Antibacterial (Gram positive and Gram negative pathogens) evaluation of ethanolic leaf extract of <i>Abutilon indicum</i> (Linn)
38	Indian Journal of Natural Sciences	Review Article "Diabetes mellitus and Antidiabetic Activity of Medicinal Herbs"
39	Journal of Chronotherapy and Drug Delivery	Nanoparticles as carriers for drug targeting
40	Indian Journal of Natural Sciences	Phytochemical investigations and screening of Antihyperlipidemic of <i>Achyranthes aspera</i> Linn. And <i>Achyranthes bidentata</i> Blume

Mr. Debarshi Datta

S. No	Name of journal	Title
1	Indian Journal of Pharmacology	Mast cells stabilization activity of herb <i>Coleus aromaticus</i>
2	International Journal of Pharmaceutical Sciences	Studies on the preparation and evaluation of chitosan nanoparticles containing cytarabine
3	International Journal of Pharmaceutical Sciences	Hair testing: a novel analysis of tracing of drug
4	Research Journal of Pharmaceutical Dosage form and Technology	Chronopharmaceutics as a novel approach for relevant drug delivery system



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Mr. V. Prudhvi Raj

S. No	Name of journal	Title
1	Inventi Rapid: NDDS	Formulation and evaluation of mucoadhesive buccal gel of Curcumin
2	Indian Journal of Research in Pharmacy and Biotechnology	Preparation, characterization and evaluation of olmesartan medoximil - β -cyclodextrin complexes
3	Indo-American Journal of Pharmaceutical Research	Quality by design : A modern approach to pharmaceutical development
4	Inventi Rapid: NDDS	Formulation and Evaluation of Metoprolol tartarate Floating Microspheres

- * Monographs - None
- * Chapters in Books - None
- * Books edited- None
- * Books with ISBN with details of publishers - None
- * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
- * Citation Index - range / average
- * SNIP
- * SJR
- * Impact Factor - range / average

Dr. Niranjan Babu Mudduluru



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S.No.	Name Of The Journal	Impact Factor
1.	Indian Journal of Pharmaceutical Science & Research	1.79
2	International Journal of Research In Pharmaceutical And Nano Sciences	0.85
3	Indo American Journal of Pharmaceutical Research	2.3
4	Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry	0.38
5	Asian j. Pharm. Tech	0.45
6	Journal of chemical and pharmaceutical sciences	0.69
7	Pharma Times	0.33
8	International journal of pharmaceutics and cosmetology	0.59
9	Research Journal of Pharmacy And Technology	0.07

Mr. Debarshi Datta

S.No.	Name Of The Journal	Impact Factor
1.	Indian Journal of Pharmacology	0.43
2.	International Journal of Pharmaceutical Sciences	0.648
3.	Research Journal of Pharmaceutical Dosage form and Technology	0.749

Mr. V. Prudhvi Raj



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S.No.	Name Of The Journal	Impact Factor
1	Indian Journal of Research in Pharmacy and Biotechnology	0.45
2	Indo-American Journal of Pharmaceutical Research	2.3

23. Details of patents and income generated

- Nil

24. Areas of consultancy and income generated

- Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

- None

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify)

Faculty	Position	Journal/Committee
Dr. Niranjan Babu Mudduluru	Life member	IPA (Indian Pharmaceutical Association)
Dr. Niranjan Babu Mudduluru	Life member	APTI (Association of Pharmacy Teachers of India)
Dr. Niranjan Babu Mudduluru	Life member	IHPA (Indian Hospital Pharmacist Association)
Dr. Niranjan Babu Mudduluru	Life member	In Pharma Association
Dr. Niranjan Babu Mudduluru	Life member	IABMS (Indian Association of



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Mudduluru		Biomedical Scientists)
Dr. Niranjan Babu Mudduluru	Life member	Indian Association of Colleges of Pharmacy (IACP)

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- The faculty is constantly encouraged to initiate and attend new academic programmes, and organize various FDPs, workshops giving at most importance to the emerging trends.

From	To	Description	Place
19-12-2015	21-12-2015	67 th Indian Pharmaceutical Congress	JSS University, Mysuru, Karnataka,
27-02-2015	28-02-2015	Pharmaceutical Innovation for global excellence: Ignite, Invent, Implement	DIT, University, Dehradun
18-12-2014	20-12-2014	Pharmacy Practice Repeat Module Advance Learning Series - 5	Krishna Teja Pharmacy College, Tirupati
21-02-2014	22-02-2014	Advancing Pharmacy Practice in India: The Next Generation Pharmacist	Indian Association of Colleges of Pharmacy, Bengaluru
16-12-2013	18-12-2013	Medication Therapy Management	Annamacharya College of Pharmacy, Rajampet
06-03-2013	-	One Day National Seminar on Patient Safety & CADD-Molecular Modeling in Drug Design, PSCMMDD - 2013	SHCP, Tirupati
17-08-2012	18-08-2012	Two Days National Conference on Reforms and Innovations In Pharmacy	JNTUH, Hyderabad



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		Education Towards Global Standards	
10-03-2012	-	One day national seminar on globalization and its impact on Indian pharmaceutical education and research	SHCP, Tirupati
28-03-2011	-	Emerging Trends & Career Opportunities in Pharmacy	SHCP, Tirupati
17-12-2010	19-12-2010	62 nd Indian Pharmaceutical Congress 2010	Manipal University, Manipal
02-11-2010	03-11-2010	15 th Annual national Convention of APTI - 2010	Hyderabad
15-03-2010	28-03-2010	Quality Improvement Programme on "Recent Developments in Phytopharmaceutical Research" sponsored by AICTE, New Delhi	JSS Univesity, Mysore;
04-12-2009	05-12-2009	International Seminar on Herbal Drug Research : Present and Future Prospects supported by AICTE, New Delhi	JSS Univesity, Mysore;
11-03-2009	11-03-2009	National Seminar on New Vision in Pharmaceutical Sciences	ASN Pharmacy College, Tenali
Aug-2009	--	Siddhartha Pharmafest, 2009	Siddartha Academy of General & Technical Education, Vijayawada
08-04-2005	08-04-2005	Medicine Therapeutics Update Symposium	Saudi German Hospital - Riyadh, KSA

28. Student projects



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* percentage of students who have taken up in-house projects including inter-departmental projects

- 80%

* percentage of students doing projects in collaboration with other universities / industry / institute

- 20%

29. Awards / recognitions received at the national and international level by

- * Faculty - None
- * Doctoral / post doctoral fellows - One
- * Students - None

30. Seminars/ Conferences/ Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

S.No	PROGRAMME	DATE	FUNDED BY
1	One Day Teaching Seminar on - Emerging Trends in Pharmaceutical Sciences (ETPS-2015)	02 MAY 2015	GVEWS
2	One day national seminar on - Globalisation & Its Impact on The Indian Pharmaceutical Education & Industry	10th March, 2012	GVEWS and APTI
3	Emerging Trends And Career Opportunities In Pharmacy	28th March 2011	GVEWS and IPA

31. Code of ethics for research followed by the departments



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- Followed as per the regulations and guidelines of Institutional ethics committee.
1. All researchers must protect the integrity and reputation of education by conducting their research to higher standards
 2. Researchers must take their data and methods to reasonable external scrutiny.
 3. Researchers must accord due respect to all methodologies and they must contribute to the spirit of critical analysis and constructive criticism.
 4. Researchers must not take any undertaking or significance on research work which they are not competent.
 5. Researcher should not use their research for their illegal purpose.
 6. All researchers are expected to use and cite some material but plagiarism or misuse of research will not be permitted.
 7. The authorship of publications should give due importance to relative leadership and contributions by the researchers concerned.

32. Student profile program-wise:

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M Pharm	04	03	01	100	100

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries



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Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M Pharm	100	0	0	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

- Nil

35. Student progression

Student progression	Percentage against enrolled
UG to PG	Not Applicable
PG to M.Phil, DM / M Ch / DNB	None
PG to Ph.D.	None
Ph.D. to Post-Doctoral	None
Employed	
• Campus selection	60
• Other than campus recruitment	40
Entrepreneurs	None

36. Diversity of staff

Percentage of faculty who are graduates



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of the same university	25%
from other universities within the State	25%
from universities from other States	50%
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

- Nil

38. Present details of departmental infrastructural facilities with regard to

a) Library

- Books : 125
- Nos. : 1033

b) Internet facilities for staff and students - Available

c) Total number of class rooms - **02 (Two)**

d) Class rooms with ICT facility and 'smart' class rooms - E class rooms available

e) Students' laboratories - 02

f) Research laboratories - **01 (One)**

39. List of doctoral, post-doctoral students and Research Associates

a) From the host institution/university - Nil

b) From other institutions universities - Nil

40. Number of post graduate students getting financial assistance from the university.

- Nil

41. Was any need assessment exercise undertaken before the development of new



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program(s)? If so, highlight the methodology.

- Not Applicable

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

- Yes. The College collects feedback on curriculum as well as on teaching and learning. These feedbacks are analyzed and the analyses outcome is utilized for correcting the deficiencies in the curriculum such as designing enrichment courses, adding innovative programs specific to the courses.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

- Students similarly provide feedback on courses, programs and library. From the analysis outcome, necessary actions are initiated to improve the curriculum, teaching-learning and evaluation.

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

- The college has registered Alumni Association and meets periodically. During such meetings, Alumni provide feedback of the Curriculum, Program and competencies gained while they were students of the campus. Similarly, employers and other academicians give their opinion during their visit of the campus. Based on the outcome analysis, appropriate actions are initiated.

43. List the distinguished alumni of the department (maximum 10)

- Mr. Prudhvi Raj, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.



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- Mrs. L. Divya, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Ms. Harika, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Mr. Charan, currently working as Assistant Professor, Department of Pharmaceutics in the same institute.
- Ms. Hema Faith, currently working as Associate, Scientific Medical Writing, Spy Globals, Chennai.

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

S.No	Topic	Speaker	Date
1	Targeted Drug Delivery System	DR. RAMESH BABU J Professor, Department of Pharmaceutics, Chebrolu Hanumaiah Institute of Pharmaceutical Sciences	08.01.2016
2	Novel Trends in Drug Delivery	Dr.V.Ravichandran, M.Pharm, Ph.D, VELS University, Chennai	02.05.2015
3	Magnetic Nanoparticles for brain targeting	Dr Jayachandra Babu, M.Pharm, Ph.D, Auburn University, Auburn, USA	02.05.2015

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

UG teaching	PG
Lectures with power point and audiovisual aids	Basic sciences classes with audiovisual aids, models



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	Laboratory teaching and workshops
Specimens, models, charts	Seminars and JC presentation
Poster presentation, seminars, special lectures	workshops dissertation presentation

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

- The department aims to inculcate discipline, ethical and moral values to the students as Pharmacy professionals.
- All the undergraduates are assessed by giving weekly, monthly, and unscheduled test in specific chapters.
- Theory and practical internal assessments are conducted thrice in a year. The evaluated papers are then communicated to the students through department notices/circulars.
- All the post graduates are assessed through their seminars, journal clubs, and case presentations.

47. Highlight the participation of students and faculty in extension activities.

- Faculty and the students regularly participate in extension activities such as NSS, health camps for rural population, emphasizing more on Health awareness programs.

48. Give details of “beyond syllabus scholarly activities” of the department.

- The regularly conducts refresher courses, orientation programs like personality development, development of communication and interview skills and special attention is given in writing a good article (research / review) etc. are conducted by the respective professionals.



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- The students are encouraged to attend and participate in different workshops, seminar, symposium etc. not only to gather their knowledge but also to share their research work they performed.
 - As this course is fully industry oriented, so the students are encouraged to visit there to get better practical knowledge related to regulatory strategies thereof.
49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.
- All India Council for Technical Education, Pharmacy Council of India, New Delhi. Also Accredited by ISO 9001-2008.
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- This department is responsible for knowing the regulatory requirements for getting new products approved. They know what commitments the company has made to the regulatory agencies where the product has been approved. They also submit annual reports and supplements to the agencies. Regulatory Affairs typically communicates with one of the Centers (e.g., Center for Drug Evaluation and Research) at the FDA headquarters, rather than the FDA local district offices. Gimps do not directly apply to Regulatory Affairs; however, they must understand and evaluate changes to drug manufacturing and testing activities to determine if and when the FDA must be notified. Regulatory Affairs is a comparatively new profession which has developed from the desire of governments to protect public health, by controlling the safety and efficacy of products in areas including pharmaceuticals, veterinary medicines, medical devices, pesticides, agrochemicals, cosmetics and complementary medicines. The companies responsible for the discovery, testing, manufacture and marketing of these products also want to ensure that they supply products that are safe and make a worthwhile contribution to public health and welfare. Regulatory Affairs professionals, with their



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detailed knowledge of the regulations and guidelines, are frequently called in to advice on such matters.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

1. Qualified faculties and supporting staffs
2. Availability of sophisticated instruments
3. Well coordination between the various departments
4. Modern class room and laboratory facilities
5. Library facility

Weakness:

1. Lacking of availability of highly qualified teaching and non teaching staffs.
2. Lacking of highly sophisticated instruments for development and evaluation of novel drug delivery systems.
3. Lacking of accessibility between the department and the industries having their own Regulatory affairs department
4. Lacking of collaborative program between our department and the Government agencies like university, research laboratories as well.
5. Lack of student's interest

Opportunities:

1. Design and development plan for modified dosage forms
2. Coordination between writing/reviewing, supervising
3. Construction i.e. assembling & Submission Management of data
4. Data analysis for testing where are the weaknesses



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5. Drug regulations

Challenges

1. Newly emerging subject
2. Deficit of core subject oriented specialists
3. Lacking of regular collaborative program between the industry and the department
4. Resources
5. Sophisticated instrumentation facility

52. Future plans of the department.

1. Enhancement of library and laboratory facilities
2. Recruitment of subject specific faculties
3. Enhancement of industry academic collaboration
4. Applying for funds from different national funding agencies (AICTE, DST, UGC, CSIR etc.) through project proposals
5. Organizing and or participating conferences, seminars and workshops related to Drug regulatory affairs that will enrich the knowledge about this newly emerging field.



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SEVEN HILLS COLLEGE OF PHARMACY

ISO 9001 : 2008 certified institute

(Approved by AICTE, PCI New Delhi & Affiliated to J N T University, Acantapur, A.P.)
VENKATRAMAPURAM, R.C. Puram(Mandal), TIRUPATI, Chittoor (Dist), A.P. - 517 561, INDIA

Declaration by the Head of the Institution

I certify that that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Signature of the Head of the institution

with seal:

PRINCIPAL
Seven Hills College of Pharmacy
Venkataramapuram, Tirupati-517 561

Place: Tirupathi

Date:



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CERTIFICATE OF COMPLIANCE

(Affiliated/ Constituent/ Autonomous Colleges and Recognized Institutions)

This is to certify that Seven Hills College of Pharmacy fulfills all norms

1. Stipulated by the affiliating University and/or
2. Regulatory Council/ Body [such as AICTE, PCI, etc.] and
3. The affiliation and recognition is valid as on date.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Principal/Head of the Institution
(Name and Signature with Office seal)

PRINCIPAL
Seven Hills College of Pharmacy
Venkataramapuram, Tirupati-517 561

Date:
Place: TIRUPATHI