

# **SELF STUDY REPORT**

## **(An Application for NAAC Re-assessment)**

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**KRUPANIDHI COLLEGE OF PHARMACY**

**CHIKKABELLANDUR, CARMELARAM POST**

**VARTHUR HOBLI, BANGALORE**

**KARNATAKA-560035.**

**SUBMITTED TO NAAC**

**(NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL)**

**BANGALORE-560010**

**YEAR-2016**

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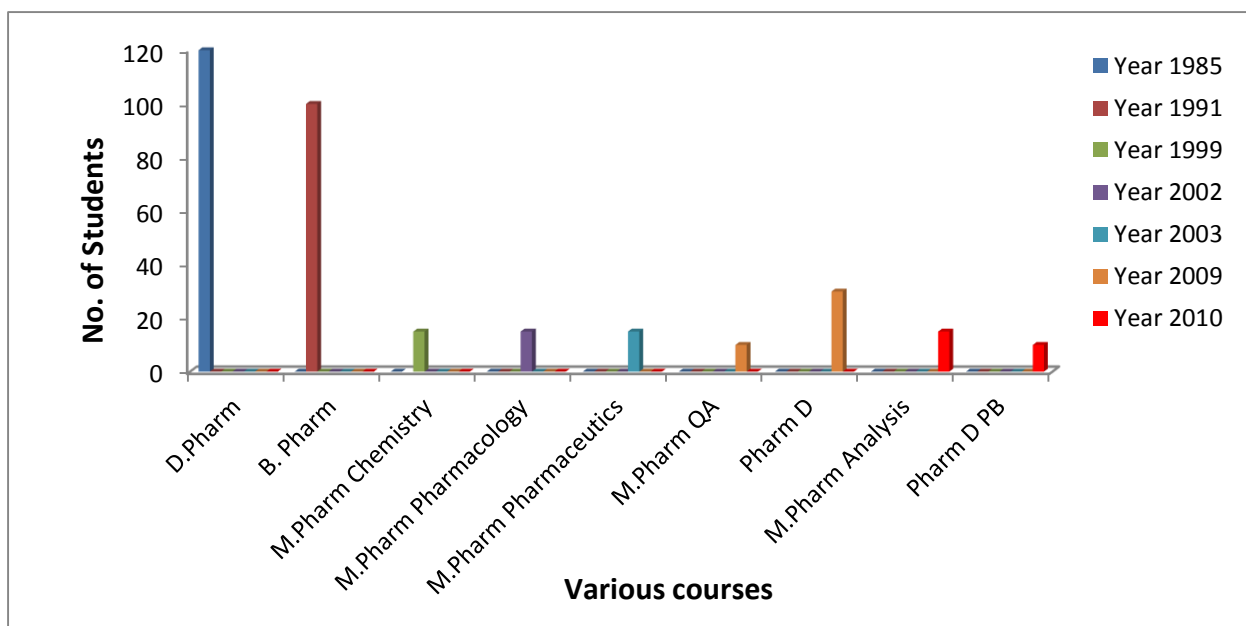


# Krupanidhi College of Pharmacy

(Recognized by Govt. of Karnataka, Approved by Pharmacy Council of India, All India Council of Technical Education, New Delhi & Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka)

## EXECUTIVE SUMMARY

- **Krupanidhi College of Pharmacy (KCP)** is NAAC accredited with **CGPS** score of **2.83** in the year 2015 and **UGC 2(f)** certified in 2016. The institute provides ample scope and energy for continued dynamism in higher education curricula. The college started its journey with Pharmacy education in 1985 by the Krupanidhi Educational Trust in its Kormangala campus and shifted to its new campus off-Sarjapura main road, near Carmelaram Post in **2008**. The college is well connected by road transport and is in near proximity to City railway station and Bangalore International Airport.
- The approval of Diploma (D. Pharm) followed by Bachelor of Pharmacy (B. Pharm), Master in Pharmacy (M. Pharm) and Ph.D courses from Karnataka Drug Control Board, Bangalore University and Rajiv Gandhi University of Health Sciences respectively and with the statutory bodies like All India Council for Technical Education (AICTE), Government of India and Pharmacy Council of India (PCI). **Prof. Dr. Suresh Nagpal**, Chairman, Krupanidhi Educational Trust, established the Institute with complete dedications towards value based standard and quality technical education to compete with the global standards.
- The College has been rated outstanding for its academic excellence by “The Week” magazine. The Institute has the Quality Policy: Brighten up the world, with the flame of love and standard education. The Institute is surrounded by a lush green environment. The entrance and garden are beautifully maintained by the gardeners to refresh the mind of the students and faculty members. The entire campus is free from environment pollution and strictly smoking free zone which maintains an eco-friendly environment.
- Since the inception to its thirty years of dedicated service, people of Bangalore and other states cherished this college in the field of Pharmacy Education. During its glorious journey, the Institute has strived towards excellence by obtaining more than 260 ranks at University and Board level.
- Krupanidhi is ISO 9001 and 2008 certified organization known for its academic excellence for past 30 years.
- Course wise establishment with intake of students



- The college has competent team of 45 efficient teachers who are imparting quality teaching in their respective field and are being encouraged by the management for research oriented activity, seminar grant, project grants etc by providing adequate facilities. To enhance the teacher quality, the college offers Orientation and Refresher courses through the Academic Staff College, supports faculty in organizing workshop, and provides entire financial and travel support for attending conferences within and outside the country.
- Well equipped laboratories and library facility are being extended to the teachers and research scholars for their research work and faculty improvement programme. Central instrumental room and proper maintained machine rooms are the key focus for the advanced research to the faculty members and students. The Principal and management encourage each faculty members to publish research papers, books, articles in peer reviewed National and International journals. The record of publications in our institution is quite impressive. The number of publications has increased by the staff members in various referred national and international journals. The average impact factor of some articles is between 1- 3.0. Staffs are motivated with writing books and book chapters for student's benefit.
- Our whole college campus is about 11 acres and in that Pharmacy block covers with 2.5 acres of valuable land. The college has well maintained ground, first and second floor with adequate numbers of halls for lectures with well equipped LCD, OHP and slide projectors for teachers and students, boys and girls common rooms and multipurpose utility seminar hall and well equipped laboratories allotted to all faculties. Proper vigilance is maintained by have CCTVs in the entire campus. For boys and girls students, separate hostels and other essential facilities have been provided inside the college campus. To ensure better result during the University examination, the faculty members are given the full responsibility for designing the lesson plan, teaching and evaluating the student performance before the examinations, same techniques are followed during regular internal assessment time. The system helps the student to score high percentage in Annual examination conducted by the Rajiv Gandhi University, Bangalore. More than 260 ranks in University and board examination have received by the students.

- The college provides multi-corner support services to the students and staffs for their overall development like, several college buses are provided by the management to the local students and staffs for free transportation and a huge area is maintained for all the vehicle parking inside the campus. Transport manager and campus director are the key persons to maintain the regular transportation, route buses and other activities for the whole institution. Entire non teaching staffs are provided free lunch on all days.
- Feedback from students in the form of practical and questionnaire is used as an effective mechanism for enhancement in quality of our teacher's performance. Alternately teachers are maintaining counseling form for each students with their daily attendance, their personal problems, sessional marks, University exam related problem etc. for enhancing positive attitude and encouragement in all the direction. College has taken up multiple steps for the foreign student, beginning from admission to the end of the course. Like their daily attendance, their regular activities are informed to Foreigner Regional Registration Office (FRRO) located at Bangalore. They are taking care for all the foreign student's registration, movement, stay, departure and also extension of stay in India.
- The college has Wi-Fi facilities and internet connection to update the teaching and learning materials. Well established library facilities with vast number of books, magazines, journals, e- journals with multiple copies are recent advancement and advantage for updating knowledge. About 33 research journals and 7963 numbers of book titles are available in library. Apart from that there is also having HELINET facility by the Rajiv Gandhi University, Bangalore for identifying, procuring, storing, processing, disseminating the scholarly information resources like e-journals, e-books in the field of health sciences. Library also has Xerox, printing and scanning facilities for the staff and students.
- Our college is known for academic excellence apart from its significant role in bridging the gap between academic employers. Our students are not only imparted world class education but there is tremendous emphasis on imparting employability oriented courses by experienced experts/professionals to enhance the student's prospects. Many well resource persons from different fields with many states, countries have delivered guest lecture for our students and every year there are several co-curricular activities like cultural, sports day and personality development through soft skills by our finishing school. Students also participate in many national level cultural activities, inter-college competition every year and acclaim success with their talent.
- Well maintained animal house is separately located behind the pharmacy college in a quiet atmosphere undisturbed by traffic. The animal house is registered by "The Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA)" for research and breeding purpose. A premise of the animal house is highly hygienic, protected from rodents and provision of AC, exhaust fan and disinfectant tray at the entrance of the room. Separate rooms for storage of food, husk and wash room are monitored by Animal house in-charge with two attenders. Presently 50 Albino mice and 400 SD rats are available for research purpose. Sacrificed animals are packed in a yellow colored coded bags and handover to biomedical waste disposal team, Mardi Eco Industries.
- Well maintained garden has added beauty to our college and also boosts for the health by a pollution free climate for everybody on the campus. Medicinal and aromatic plant garden has established in the back side of the college campus and hostel with proper maintenance by the gardener. Around 150 known and rare plant species are maintained in the medicinal garden with their proper labeling. In front of the college we are having huge garden with

sprinklers for natural beauty. Hence we are given name our campus as “International Green Campus”.

- **Pride of Krupanidhi:**

- **Dr. Suresh Nagpal**, founder Chairman, visionary educationist, well known for his contributions and development of pharma profession.
- **Dr. M.D. Karvekar**, Director academic, ex-Dean, Pharmacy faculty, Rajiv Gandhi University of Health Sciences and ex-Member Secretary, Board of Examining Authority, Bangalore. Presently he is holding a position as Executive member of Pharmacy Council of India and Member Drug Technical Advisory Board, New Delhi.
- **Prof. Prakash Mallya**, Director, Centre for Pharmaceutical Professional advancement (CPPA). Ex-Vice-president of one of the largest Pharmaceutical industry and worked in various parts of the world for more than 35 years.
- **Dr. Raman Dang**, Principal, an able administrator and researcher is on board of many important International and National Universities. He is Board of studies (BOS) Chairman PG, member of research grants monitoring committee, member curriculum development committee, member PhD committee and on the board of Helinet Consortium under Rajiv Gandhi University of Health Sciences, Bangalore. He is active member of NAAC introspection team, core committee member of B.Pharm syllabus revision, PCI and Jt secretary APTI.

## SWOC Analysis

### **STRENGTH:**

- NAAC accredited college provides quality education.
- UGC 2 (f) certified college.
- Strict principles of modern gurukulam are maintained. Each student is taken care individually to perfection.
- Good infrastructure and well equipped laboratories.
- Experienced and fully dedicated academic and research oriented faculty members.
- Strong working bond between the faculty members.
- All the courses viz. two years of D. Pharm, Four years of B. Pharm, two years of M. Pharm, six years of Pharm D, three years Post Baccalaureate (PB) and Ph. D courses are approved by Apex bodies like PCI, AICTE and RGUHS approved.
- Updated curriculum, well equipped instruments and innovative teaching methodology to improve student's standard globally.
- Extra tutorial classes are conducted for weak students for their academic improvement.
- High encouragement given to faculty members in pursuing research activities and PhD.
- Conducted guest lectures, additional training programmes like finishing school, soft skill development programme for outgoing students.
- The college has a strong Placement cell with experienced industry persons to groom students with their field of interest.
- Various committee have been established, play vital role for each corner of students benefits. Like Anti ragging committee and counseling committees are helping the students more about their problems.

### **WEAKNESS:**

- Research collaboration with national and International agencies and industries.
- Funding from different research organizations.
- Patenting
- Students come from different countries with ethnic backgrounds and different languages causing initial teaching problems.

### **OPPORTUNITY:**

- ✓ Strong Institute-Industry interrelationship.
- ✓ Conduct of national seminars, workshops and symposium through grants.
- ✓ Attending and participating at national and International level conferences by the faculty members.
- ✓ Collaborative projects for master students with the industry and with the other Government Institutes.
- ✓ Separate coaching classes for preparing national level examinations like GPAT and other government/public sector examinations.
- ✓ PG students also can pursue their PhD under recognized faculty members of the Institutes.

### **CHALLENGES:**

- ❖ Achievement of 100% result and University ranks through extensive hard work.
- ❖ Training of the foreign students in English language and development of communication skills.
- ❖ Achievement of 100% placement for the students through campus interview.
- ❖ Collaboration with International Universities for providing facility for higher education and job to all the students.

## PROFILE OF THE INSTITUTION

### 1. Name and Address of the Institution:

Name:	<b>Krupanidhi College of Pharmacy</b>		
Address:	<b>#12/1, Chikka Bellandur, Carmelaram Post, Varthur Hobli.</b>		
City:	Pin: <b>560035</b>	State: <b>Karnataka</b>	
Website:	<b>www.pharmacy.krupanidhi.edu.in</b>		

### 2. For communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
<b>Principal</b>	<b>Prof. Dr. Raman Dang</b>	O: 9900088457	9945846106	080-25535751	dangraman2000@yahoo.co.in
<b>Vice Principal</b>	<b>Dr. Sonal Dubey</b>	O: 9900088457	9035500090	080-25535751	sonaldubey.pharmacy@gmail.com
<b>Steering Committee / IQAC Co-ordinator</b>	<b>Dr. Kuntal Das</b>	O: 9900088457	9632542846	080-25535751	drkkdsd@gmail.com

### 3. Status of the Institution:

<b>Autonomous College</b>	<input type="checkbox"/>
<b>Constituent College</b>	<input type="checkbox"/>
<b>Affiliated College</b>	<input checked="" type="checkbox"/>
<b>State University</b>	<input type="checkbox"/>
<b>State Private University</b>	<input type="checkbox"/>
<b>Central University</b>	<input type="checkbox"/>
<b>University under Section 3 of UGC (A Deemed to be University)</b>	<input type="checkbox"/>
<b>Institution of National Importance</b>	<input type="checkbox"/>
<b>Any other (specify)</b>	<input type="checkbox"/>



**4. Type of University:**

Unitary

√

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: ...01/07/1985... (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

- iv. PG Centre  Yes  No
- v. De novo institution  Yes  No
- vi. Any other (specify) .....

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

**Rajiv Gandhi University of Health Sciences, Bangalore**

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

**Vision:** To Nurture the future Pharmacist with focused approach for Academic excellence and complete overall development.

**Mission:** "We carve stones, we just don't polish them. We make monuments out of them".

**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)*	07/06/2016	Approved
ii. 12B*		
iii. 3*		

\* Enclose the certificate of recognition, if applicable (Scan copy enclosed)

**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
i. PCI, U/S 12	24/07/2014	2016-17	D. Pharm	Recognized
ii. PCI, U/S 12	24/07/2014	2016-17	B. Pharm	Recognized
iii. PCI, U/S 12	13/03/2015	2018-19	Pharm D, Pharm D (PB)	Recognized
iv. RGUHS ACA/AFF/PH- 6/2013-14	07/07/2015	2015-16	B. Pharm, Pharm D, Post Baccalaureate, M. Pharm, PhD	Recognized
v. AICTE F.No. South-	05/04/2016	2016-17	B. Pharm, Pharm D, Post	Recognized

West/1- 2812317657/2016/E OA			Baccalaureate, M. Pharm	
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(Copy enclosed- **Annexure-I**)

**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 .....

date of recognition: ..... (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:**

	Location *	Campus area in acres	Built up area in sq. mts.
i. Main campus area	Semi-Urban	11	44515.4
ii. Other campuses in the country	Not Applicable		

(\* 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**

Types of institutions	Total	Permanent	Temporary
Ayurveda			
Dentistry			
Homoeopathy			
Medicine			
Nursing			
Pharmacy (B.Pharm, M. Pharm, PhD, Pharm D, Post Baccalaureate)	05	√	
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:**

Particulars	Number
a. Accredited colleges by any professional body/ies	01
b. Accredited course / department by any professional body/ies	01
c. Affiliated colleges	01
d. Autonomous colleges	00
e. Colleges with Postgraduate Departments	02

f. Colleges with Research Departments	01
g. Constituent colleges	00
h. University Departments	
Undergraduate	03
Post graduate	02
Research centres on the campus and on other campuses	01
i. University recognized Research Institutes/Centres	01

**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.

**Not Applicable**

**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 for academic year 2015-2016
UG (B. Pharm)	01	80
PG (M. Pharm and Post Baccalaureate)	02	21 +0 =21
Pharm D.	01	30
Ph.D (Pharmaceutical Chemistry, Pharmaceutics and Pharmacology)	02	01(Full time); 05 (Part time faculty)
Diploma in Pharmacy	01	68
Total	07	205

**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
    - Yes  No
    - 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
- 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
- Any other facility (specify).

Yes  No

### Solar Heaters.

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

	Working days	Teaching days
Number stipulated by the Regulatory Authority	200 Days	200 Days
Number by the Institution	200 days	200 Days

('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, PCI compliance reports are attached. (Annexure-I)

#### 22. Number of positions in the institution

Positions	Teaching faculty				Non-teaching staff	Technical staff
	Professor	Assoc. Prof.	Assit. Prof.	Lecturer		
Sanctioned by the Management/Society or other authorized bodies						
<b>Recruited</b>	20	05	12	Nil	33	03
<b>Yet to recruit</b>	<b>As per requirement</b>					
Stipulated by the regulatory authority						
<b>Cadre ratio</b>	Nil	Nil	Nil	Nil	Nil	Nil
<b>Recruited</b>	Nil	Nil	04	Nil	Nil	Nil
<b>Yet to recruit</b>	Nil	Nil	Nil	Nil	Nil	Nil
Number of persons working on contract basis	Nil	Nil	Nil	04	Nil	Nil

### 23. Qualifications of the teaching staff

Highest Qualification	Professor		Associate Professor/Reader		Assist. Prof.		Lecturer		Tutor /Clinical Instructor		Senior Resident	
	M	F	M	F	M	F	M	F	M	F	M	F
<b>Permanent teachers</b>												
Ph.D	08	05	---	---	--	--	--	--	--	---	--	---
PG (M.Pharm./ PharmD)	06	01	01	04	01	15	--	--	--	--	--	--
UG	--	--	--	---	--	--	--	--	--	---	--	--
<b>Part-time teachers</b>												
D.M./ M.Ch.	--	--	--	--	---	--	03	01	--	--	--	---

### 24. Emeritus, Adjunct and Visiting Professors.

	Emeritus		Adjunct		Visiting	
	M	F	M	F	M	F
Number	02	--	--	--	--	---

### 25. Distinguished Chairs instituted:

Department	Chairs
Pharmaceutical Chemistry	Dr. M. D. Karvekar

### 26. Hostel

\* Boys' hostel

- i. Number of hostels- 01
- ii. Number of inmates- 200
- iii. Facilities – WiFi facility, 24 hrs water and electricity, Male Warden, Cleaners and Sweepers etc.



\* **Girls' hostel**

- i. Number of hostels- 01
- ii. Number of inmates- 200
- iii. Facilities- WiFi facility, 24 hrs water and electricity, Female Warden, Cleaners, Sweepers etc.

27. **Students enrolled in the institution during the current academic year, with the following details:** Academic year: 2015-16

Students	UG		PG						Ph.D.	
			PG		DM		MCH			
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
<b>From the state where the institution is located</b>	15	26	05	05	Nil	Nil	Nil	Nil	Nil	01
<b>From other states</b>	84	36	03	04	Nil	Nil	Nil	Nil	Nil	Nil
<b>NRI students</b>	04	01	01	01	Nil	Nil	Nil	Nil	Nil	Nil
<b>Foreign students</b>	08	05	01	00	Nil	Nil	Nil	Nil	Nil	Nil
<b>Total</b>	111	68	10	10	-----		-----		01	05

\*M-Male \*F-Female

28. **Health Professional Education Unit / Cell / Department**

- Year of establishment ... **1999, revived in 2013.**
- Number of continuing education programs conducted (with duration)
  - \* Induction – 11 ( 01 time in 2010, 01 time in 2011, 01 time in 2012, 02 times in 2013, 02 times in 2014 and 4 times in 2015)
  - \* Orientation – 04 (45 days in 2012, 45 days in 2013, 21 days in 2014 and 07 days in 2015)
  - \* Refresher- 06 (07 days in 2010, 2011, 2012. 2013, 2014 and 2015)
  - \* Post Graduate- 13 (05 times industry visit in 2011, 02 times industry visit in 2012, 01 time industry visit in 2013, 02 times industry visit in 2014 and 03 times industry visit in 2015)

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 1  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: **03/03/2015**..... (dd/mm/yyyy), Accreditation outcome/Result Accredited (B)

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

**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.**

Our college NAAC accredited in 2015 and recently UGC 2(f) certified in 2016.

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

IQAC ...**15/04/2014**... (dd/mm/yyyy)

AQAR

(i) 11/08/2015 ... (dd/mm/yyyy)

(ii) 20/6/2016 ... (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).**

- a) Procuring more than 260 ranks at university, board and college level since 1985.
- b) Accredited under NAAC.
- c) Having green international campus.
- d) State of art infrastructure.
- e) Huge class rooms and labs with latest instruments and facilities.
- f) Commendable HR and cooperative management.

Annexure-I

**PHARMACY COUNCIL OF INDIA**

(Constituted under the Pharmacy Act, 1948)

**TELEGRAM** : 'FARMCOUNCIL'  
**TELEPHONE** : 23239184, 23231348  
**FAX No.** : 011-23239184  
**E-MAIL** : pci@ndb.vsnl.net.in  
**WEBSITE** : www.pci.nic.in

**Combined Councils' Building,**  
**Temple Lane, Kotla Road**  
**Aiwan-E-Ghalib Marg**  
**Post Box No.7020**  
**New Delhi – 110 002**

Ref.No. 17-269/2014-PCI / 2993-99  
32-95/2014-PCI

24 JUL 2014

Speed Post

The Principal  
Krupanidhi College of Pharmacy, #12/1,  
Chikkabellandur Village, Carmelaram  
Post, Varthur Hobli,  
**Bangalore-560 035 (Karnataka),**

The Member Secretary  
O/o the Board of Examining Authority,  
State of Karnataka, III Floor,  
Govt. College of Pharmacy, No.2, Subbaiah  
Circle,  
Dr. P.Kalinga Rao Road,  
**Bangalore - 560 027 (Karnataka)**

The Registrar,  
Rajiv Gandhi Univ. of Health Sciences.,  
Karnataka, 4th 'T' Block,  
Jayanagar,  
**Bangalore - 560 041(Karnataka)**

**Sub: Decision of 256<sup>th</sup> /EC (June, 2014) of the PCI.**

**Sir/Madam,**

This has a reference to the subject cited above. Please find attached herewith the decision of 256<sup>th</sup> Executive Committee meeting of PCI (June, 2014) in respect of your institute. The same are posted on Council's website [www.pci.nic.in](http://www.pci.nic.in) also.

The recommendation of the Executive Committee will be placed in the next Central Council meeting of PCI for ratification.

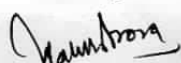
In view of above, please find enclosed herewith blank Staff Declaration Form and submit the same duly filled in in respect of Teaching Staff.

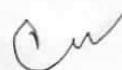
For guidelines regarding "SIF submission last date" and "Affiliation fee", kindly refer to Council's website [www.pci.nic.in](http://www.pci.nic.in)

It is requested to follow the instructions of the PCI regarding submission of affiliation fee and Standard Inspection Form (SIF) within the stipulated time period as fixed by the PCI.

This is for your information and necessary action at your end.

Yours faithfully

  
(ARCHANA MUDGAL)  
Registrar-cum-Secretary



...2

**MINUTES OF 02.256<sup>th</sup> EXECUTIVE COMMITTEE (EO) MEETING OF THE COUNCIL HELD ON 17<sup>th</sup> & 13<sup>th</sup> JUNE, 2014 AT NEW DELHI.**

Item No.121 to 130: Consideration of the approval of Diploma / Degree / Pharm.D / Pharm.D (Post Baccalaureate) course and examination in pharmacy at the undermentioned institutions -

It was decided to extend /grant the approval to Diploma / Degree / Pharm.D / Pharm.D (Post Baccalaureate) course and examination in pharmacy -

<u>Item No.</u> <u>Course</u> <u>IR No.</u>	<u>State/ File No.</u> <u>Name of institutions</u>	<u>For</u> <u>adms.</u> <u>Limited</u> <u>to</u>	<u>Approved</u> <u>Up to Academic</u> <u>Session</u>	<u>Name of the Examining</u> <u>Authority</u>	<u>Other decisions</u>
Item No.122 Diploma IR No.14 <sup>th</sup> (April, 2014)	<b>KARNATAKA</b> 17-269/2014-PCI Krupanidhi College of Pharmacy, # 12/1, Chikkabellandur Village, Carmelaram Post, Varthur Hobli, Bangalore - 560035.	120	2016-2017	The Member Secretary Office of the Board of Examining Authority, III Floor Govt. College of Pharmacy, No.2, Subbahiah Circle, Dr. P. Kalinga Rao Road Bangalore - 560 027.	
Degree IR No.17 <sup>th</sup> (April, 2014)	32-95/2014-PCI Krupanidhi College of Pharmacy, # 12/1, Chikkabellandur Village, Carmelaram Post, Varthur Hobli, Bangalore - 560035.	100	2016-2017	The Registrar Rajiv Gandhi University of Health Sciences, Karnataka, 4 <sup>th</sup> 'T' Block, Jayanagar, Bangalore - 560 041.	

*(Signature)*

*(Signature)*



Annexure-I

**PHARMACY COUNCIL OF INDIA**

(Constituted under the Pharmacy Act, 1948)

**TELEGRAM** : 'FARMCOUNCIL' **Combined Councils' Building,**  
**TELEPHONE** : 23239184, 23231348 **Temple Lane, Kotla Road**  
**FAX No.** : 011-23239184 **Aiwan-E-Ghalib Marg**  
**E-MAIL** : pci@ndb.vsnl.net.in **Post Box No.7020**  
**WEBSITE** : www.pci.nic.in **New Delhi – 110 002**

Ref.No.50-95/2014(A)-PCI 59317-19

Speed Post

17 3 MAR 2015

✓ The Principal  
Krupanidhi College of Pharmacy,  
Chikkabelandur, Carmelaram Post,  
Varthur Hobli,  
**Bangalore-560035 (Karnataka),**

The Registrar,  
Rajiv Gandhi Univ. of Health Sciences.,  
Karnataka, 4th 'T' Block, Jayanagar,  
**Bangalore - 560 041 (Karnataka)**

**Sub: Decision of 261<sup>th</sup> /EC (February, 2015) of the PCI.**

**Sir/Madam,**

This has a reference to the subject cited above. Please find attached herewith the decision of 261<sup>th</sup> Executive Committee meeting of PCI (February, 2015) in respect of your institute. The same are posted on Council's website [www.pci.nic.in](http://www.pci.nic.in) also.

The recommendation of the Executive Committee will be placed in the next Central Council meeting of PCI for ratification.

For guidelines regarding "SIF submission last date" and "Affiliation fee", kindly refer to Council's website [www.pci.nic.in](http://www.pci.nic.in)

It is requested to follow the instructions of the PCI regarding submission of affiliation fee and Standard Inspection Form (SIF) within the stipulated time period as fixed by the PCI.

This is for your information and necessary action at your end.

Yours faithfully

*Archana Mudgal*  
✓ (ARCHNA MUDGAL)  
Registrar-cum-Secretary

Cc to –  
The Registrar  
Karnataka State Pharmacy Council,  
No.514/E, Ist Main,  
Vijayanagar Club Road,  
R.P.C. Layout, Vijayanagar, 2nd Stage,  
**BANGALORE – 560 040 (Karnataka)**

✓ (ARCHNA MUDGAL)  
Registrar-cum-Secretary

MINUTES OF 02.26<sup>TH</sup> EXECUTIVE COMMITTEE (EC) MEETING OF THE COUNCIL HELD ON 13<sup>TH</sup> & 14<sup>TH</sup> FEBRUARY, 2015 AT UDAPUR (RAJASTHAN).

Item No. Course IR No.	State/ File No. Name of Institutions	For adms. Limited to	Approved Upto Academic Session	Name of the Examining Authority	Name of Hospital	Other decisions
Item No.125 Pharm.D and Pharm.D (P.B) IR No.8 <sup>th</sup> (Jan, 2015)	KARNATAKA Pharm.D 50-95/2014(A)-PCI Krupanidhi College of Pharmacy Chikkabellandur Carmelaram Post Varthur Hobli Bangalore - 560 035.	30	From 2009-2010 to 2018-2019 (For Pharm.D.)	The Registrar, Rajiv Gandhi Univ. of Health Sciences, Karnataka, 4th 'T' Block, Jayanagar, Bangalore - 560 041	M.V.J. Medical College and Research Hospital, 30th KM Milestone, National Highway Hoskote, Bangalore - 562 114.	- It was further decided to insist for the compliance of appointment of Principal and teaching staff as per the qualification and experience prescribed under the "Minimum Qualification for Teachers in Pharmacy Institutions Regulations, 2014".
	Pharm.D. (PB) 50-95/2014(A)-PCI Krupanidhi College of Pharmacy Chikkabellandur Carmelaram Post Varthur Hobli Bangalore - 560 035.	10	Upto 2018-2019 (For Pharm.D. (PB))			

*M. S. Srinivasan*

## Annexure-I



ರಾಜೀವ್ ಗಾಂಧಿ ಆರೋಗ್ಯ ವಿಜ್ಞಾನಗಳ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಕರ್ನಾಟಕ.  
4ನೇ, 'ಟಿ' ಬ್ಲಾಕ್, ಜಯನಗರ, ಬೆಂಗಳೂರು - 560 041  
**RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, KARNATAKA.**  
4th 'T' Block, Jayanagar, Bangalore - 560 041

ACA/PH-6/2015-2016  
Ref. : .....

Date : 07.07.2015  
Date : .....

### NOTIFICATION

#### KRUPANIDHI COLLEGE OF PHARMACY, BANGALORE – 560 035

- Sub: Continuation of affiliation for B.Pharm Pharm D, Pharm D (PB) & M.Pharm Courses for the year 2015-16.
- Ref: 1 University notification dated: 29.10.2014 for B.Pharm, Pharm D, Pharm D (PB) & M.Pharm Courses for the year 2014-15  
2 Application dated: 02.12.2014 of the College for affiliation for the year 2015-16.  
3 Minutes of the Syndicate Meeting held on 17.04.2015  
4 This office letter of even no. dated: 05.05.2015  
5 Your letter no. KCP / RGUHS -448/ 2014-15 dated: 25.05.2015  
6 GOK Order No. HFW 154 PTD 2012 dated 22.02.2013 granting permission for B.Pharm course with an increase in intake from 60 to 100 seats from the year 2012-13.  
7 GOK Order No. HFW 363 PTD 2008 dated: 02.02.2010 granting permission to start Pharm D course with an intake of 30 (Thirty) seats from the year 2009-10  
8 GOK Order No. HFW 150 PTD 2012 dated: 13.08.2012 granting permission to start Pharm D (Post Baccalaureate) course with an intake of 10 (Ten) seats from the year 2011-12  
9 GOK Order No. HFW 103 PTD 2009 dated: 02.02.2010 granting permission for M.Pharm courses in Pharmacology and Pharmaceutical Chemistry with an increase in intake from 10 to 15 seats from the year 2008-09  
10 GOK Order No. HFW 312 PTD 2008 dated: 02.02.2010 granting permission to start M.Pharm course in Pharmaceutical Technology with an intake of 10 (Ten) seats from the year 2009-10  
11 GOK Order No. HFW 371 PTD 2009 dated: 20.03.2010 granting permission for M.Pharm course in Quality Assurance with an increase in intake from 6 to 10 seats from the year 2009-10  
12 GOK Order No. HFW 291 PTD 2010 dated: 19.05.2011 granting permission to start M.Pharm course in Pharmaceutical Analysis with an intake of 18 (Eighteen) seats from the year 2010-11  
13 GOK Order No. HFW 398 PTD 2010 dated: 13.05.2011 & Amendment dated: 20.01.2012 granting permission for M.Pharm courses in Pharmacology with an increase in intake from 15 to 36 seats and Pharmaceutics from 20 to 36 seats from the year 2010-11  
14 AICTE Extension of approval Letter F.No. South-West/1-2451133723 / 23 / 2015 / EOA dated: 07.04.2015 granted permission for B.Pharm course with an intake of 120 (One Hundred & Twenty) seats, M.Pharm Courses in Pharmaceutical Technology with an intake of 10 (Ten) seats, Pharmaceutical Analysis, Quality Assurance, Pharmacy Practice with an intake of 18 (Eighteen) seats each, Pharmaceutical Chemistry with an intake of 15 (Fifteen) seats, Pharmaceutics and Pharmacology with an intake of 36 (Thirty Six) seats each approved for the year 2015-16  
15 PCI Letter No. 17-269/2014-PCI / 32-95/2014-PCI / 29693-97 dated: 24.07.2014 granted approval for B.Pharm Course for admissions limited to 100 (One Hundred) seats approved upto academic session 2016-17  
16 PCI Executive Committee Meeting of the Council held on 13 / 14 / 02 / 2015 admission limited to 30 (Thirty) for Pharm D course & 10 (Ten) for Pharm D (Post Baccalaureate) course approved upto academic session 2018-19

Rajiv Gandhi University of Health Sciences, Karnataka, Bangalore grants Continuation of affiliation as per section 45 of RGUHS Act 1994, for conducting B.Pharm, Pharm D, Pharm D (PB) & the following M.Pharm Courses with an intake specified against each for the year 2015-16 at Krupanidhi College of Pharmacy, Chikkabellandur Village, Carmelram Road, Varthur Hobli, Bangalore – 560 035.

Name of the Course	Intake
B.Pharm	100 (One Hundred) seats
Pharm D	30 (Thirty) seats
Pharm D (Post Baccalaureate)	10 (Ten) seats

P T O

Phone : (080) - 26961928, Telefax : (080)-26961929. Website : [http : //www.rguhs.ac.in](http://www.rguhs.ac.in)



M. Pharm Courses	
Pharmaceutical Technology	10 (Ten) seats
Quality Assurance	10 (Ten) seats
Pharmaceutical Chemistry	15 (Fifteen) seats
Pharmaceutical Analysis	18 (Eighteen) seats
Pharmacology	36 (Thirty Six) seats
Pharmaceutics	36 (Thirty Six) seats

By Order  
Sd/-  
(Dr. S. Sachhidanand)  
REGISTRAR

*[Handwritten Signature]*

To,

The Principal,  
Krupanidhi College of Pharmacy,  
Chikkabellandur Village,  
Carmelram Road, Varthur Hobli,  
Bangalore -- 560 035

Copy to:

1. The Secretary to the Government of Karnataka, Department of Health & Family Welfare, (Medical Education), Vikas Soudha, Dr. B.R. Ambedkar Road, Bangalore-560001
2. The Director, Medical Education, Ananda Rao Circle, Bangalore-560 009.
3. The Adviser – (E & T) & (M&T), All India Council for Technical Education, 7<sup>th</sup> Floor, Chander Lok Building, Jaupath, New Delhi – 110 001
4. The Registrar-cum-Secretary, Pharmacy Council of India, Combined Council Building, Kotla Road, Aiwan – E – Ghalib Marg, P B No. 7020, New Delhi – 110 002.
5. Director, CDC / Deputy Registrar – Admission, Syndicate / Computer Section / Office Copy / Guard File

By Order  
*[Handwritten Signature]*  
(Dr. S. Sachhidanand)  
REGISTRAR

*[Handwritten Signature]*



## Annexure-I



*All India Council for Technical Education*  
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-India.org](http://www.aicte-India.org)

F.No. South-West/1-2812317657/2016/EOA

Date: 05-Apr-2016

To,

The Principal Secretary (Hr. & Tech Education)  
Govt. of Karnataka, K. G.S., 6th Floor,  
M.S. Building, R. N. 645, Dr. B. R. Ambedkar Road,  
Bangalore-560001

**Sub: Extension of approval for the academic year 2016-17**

Ref: Application of the Institution for Extension of approval for the academic year 2016-17

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	South-West	Application Id	1-2812317657
Name of the Institute	KRUPANIDHI COLLEGE OF PHARMACY	Permanent Id	1-4160291
Name of the Society/Trust	KRUPANIDHI EDUCATION TRUST	Institute Address	CHIKKABELANDUR, CARMELARAM POST VARTHUR HOBLI, BANGALORE-560035, BANGALORE, BANGALORE URBAN, Kamataka, 560035
Institute Type	Unaided - Private	Society/Trust Address	NO-5, SARJAPUR ROAD, KORAMANGALA, BANGALORE-560034, BANGAORE, BANGALORE URBAN, Kamataka, 560034

Opted for change from Women to Co-ed and Vice versa	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2016-17

Application Id: 1-2812317657			Course	Full/Part Time	Affiliating Body	Intake 2015-16	Intake Approved for 2016-17	NRI Approval status	PIO / FN / Gulf quota Approval status	Foreign Collaboration/Twining Program Approval status*
Program	Shift	Level								
PHARMACY	1st Shift	DIPL OMA	PHARMACY	FULL TIME	Department of Technical Education, Bangalore	120	120	NA	NA	NA

Application Number: 1-2812317657  
Note: This is a Computer generated Report.No signature is required.

Page 1 of 3  
Letter Printed On: 7 May 2016

Printed By : AE1728411



All India Council for Technical Education  
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-India.org](http://www.aicte-India.org)

PHARMACY	1st Shift	POST GRADUATE	PHARMACEUTICAL ANALYSIS	FULL TIME	Rajiv Gandhi University of Health Sciences, Bengaluru	18	18	NA	NA	NA
PHARMACY	1st Shift	POST GRADUATE	PHARMACEUTICAL CHEMISTRY	FULL TIME	Rajiv Gandhi University of Health Sciences, Bengaluru	15	15	NA	NA	NA
PHARMACY	1st Shift	POST GRADUATE	PHARMACEUTICAL TECHNOLOGY	FULL TIME	Rajiv Gandhi University of Health Sciences, Bengaluru	10	10	NA	NA	NA
PHARMACY	1st Shift	POST GRADUATE	PHARMACEUTICS	FULL TIME	Rajiv Gandhi University of Health Sciences, Bengaluru	36	36	NA	NA	NA
PHARMACY	1st Shift	POST GRADUATE	PHARMACOLOGY	FULL TIME	Rajiv Gandhi University of Health Sciences, Bengaluru	36	36	NA	NA	NA
PHARMACY	1st Shift	POST GRADUATE	PHARMACY	FULL TIME	Rajiv Gandhi University of Health Sciences, Bengaluru	10	10	NA	NA	NA
PHARMACY	1st Shift	POST GRADUATE	PHARMACY PRACTICE	FULL TIME	Rajiv Gandhi University of Health Sciences, Bengaluru	18	18	NA	NA	NA
PHARMACY	1st Shift	POST GRADUATE	QUALITY ASSURANCE	FULL TIME	Rajiv Gandhi University of Health Sciences, Bengaluru	18	18	NA	NA	NA
PHARMACY	1st Shift	UNDER GRADUATE	PHARMACY	FULL TIME	Rajiv Gandhi University of Health Sciences, Bengaluru	120	120	NA	NA	NA
PHARMACY	1st Shift	UNDER GRADUATE	PHARMACY	FULL TIME	Rajiv Gandhi University of Health Sciences, Bengaluru	30	30	NA	NA	NA

Application Number: 1-2812317657  
Note: This is a Computer generated Report.No signature is required.  
Printed By : AE1728411

Page 2 of 3  
Letter Printed On:7 May 2016



All India Council for Technical Education  
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-India.org](http://www.aicte-India.org)

The above mentioned approval is subject to the condition that KRUPANIDHI COLLEGE OF PHARMACY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

**Note: Validity of the course details may be verified at [www.aicte-india.org](http://www.aicte-india.org).**

**Dr. Avinash S Pant**  
Vice - Chairman, AICTE

Copy to:

- 1. The Regional Officer,**  
All India Council for Technical Education  
Health Centre Building  
Bangalore University Campus  
Bangalore - 560 009, Kamataka
- 2. The Director Of Technical Education,**  
Karnataka
- 3. The Registrar,**  
Rajiv Gandhi University of Health Sciences, Bengaluru
- 4. The Principal / Director,**  
KRUPANIDHI COLLEGE OF PHARMACY  
CHIKKABELANDUR, CARMELARAM POST  
VARTHUR HOBLI, BANGALORE-560035,  
BANGALORE, BANGALORE URBAN,  
Karnataka, 560035
- 5. The Secretary / Chairman,**  
KRUPANIDHI EDUCATION TRUST  
NO-5, SARJAPUR ROAD, KORAMANGALA, BANGALORE-560034,  
BANGALORE, BANGALORE URBAN,  
Karnataka, 560034
- 6. Guard File(AICTE)**

Application Number: 1-2812317657  
Note: This is a Computer generated Report.No signature is required.  
Printed By : AE1728411

Page 3 of 3  
Letter Printed On: 7 May 2016

## UGC 2(f) approval letter



UGC Website: [www.ugc.ac.in](http://www.ugc.ac.in)  
Ph. 011-23604414 (CPP-I/Colleges)



Speed Post

विश्वविद्यालय अनुदान आयोग  
University Grants Commission  
(मानव संसाधन विकास मंत्रालय, भारत सरकार)  
Ministry of Human Resource Development,  
Govt. of India  
बहादुर शाह जफर मार्ग, नई दिल्ली - 110 002  
Bahadur Shah Zafar Marg, New Delhi - 110 002

F. No. 8-376/2015 (CPP-I/C)

June, 2016

The Registrar,  
Rajiv Gandhi University of Health Sciences  
Bangalore - 560 041  
Karnataka

17 JUN 2016

**Sub:** - Recognition of College under Section 2 (f) of the UGC Act, 1956.

Sir,

I am directed to refer to the letter no. KCP/UGC-017/2016-17 dated 23.03.2016 received from the Principal, Krupanidhi College of Pharmacy, #12/1, Vill. Chikkabellandur, Carmelaram Post, Varthur Hobli, Bangalore - 560 035, Karnataka on the above subject and to say that it is noted that the college is **un-aided/self financed** and **temporarily** affiliated to **Rajiv Gandhi University of Health Sciences, Bangalore**. I am further to say that the name of the following college has been included in the list of colleges prepared under Section 2 (f) of the UGC Act, 1956 under the head '**Non-Government** Colleges teaching upto **Master's Degree**':-

Name of the College	Year of Establishment	Remarks
Krupanidhi College of Pharmacy, #12/1, Vill. Chikkabellandur, Carmelaram Post, Varthur Hobli, Bangalore - 560 035, Karnataka. AISHE CODE:- C-40235	1985	The college does not fulfill the requirement of permanent affiliation. Therefore, the college is <b>not</b> eligible to receive Central assistance under Section 12 (B) of the UGC Act, 1956.

The Indemnity Bond and the other supporting documents submitted in respect of the above College have been accepted by the University Grants Commission.

Yours faithfully,

(Charan Dass)  
Under Secretary

Copy to:-

1. The Principal, Krupanidhi College of Pharmacy, #12/1, Vill. Chikkabellandur, Carmelaram Post, Varthur Hobli, Bangalore - 560 035, Karnataka.
2. The Secretary, Government of India, Ministry of Human Resource Development, Department of Higher Education, Shastri Bhawan, New Delhi - 110 001.
3. The Principal Secretary (Higher Education), Government of Karnataka, K.G.S. 6<sup>th</sup> Floor, M.S. Building, R. No. 645, Dr. B.R. Ambedkar Road, Bangalore - 560 001, (Karnataka).
4. The Deputy Secretary, UGC, South-Western Regional Office (SWRO), Prasana Kumar Block, Palace Road, Bangalore - 560 009, (Karnataka).
5. Section Officer (FD-III Section), UGC, New Delhi.
6. Guard file.

(M.P. Singh)  
Section Officer



## NAAC accreditation certificate-2015



## NAAC report

<b>TEAM REPORT</b> <b>on Institutional Accreditation of</b> <b>Krupanidhi College of Pharmacy</b> Chikka Bellandur, Carmelaram Post, Verthur Hobli, Bangalore, Karnataka-560035	
<b>Section 1:- General Information</b>	
1.1 Name & Address of the Institution:	Krupanidhi College of Pharmacy #12/1, Chikka Bellandur, Carmelaram Post, Verthur Hobli, Bangalore, Karnataka-560035 Website: www.pharmacy.krupanidhi.edu.in
1.2 Year of Establishment:	1985
1.3 Current Academic Activities at the Institution (Numbers)	
• Faculties/ schools	01
• Departments/ Centers:	06
• Programmes/ Courses offered:	06
• Permanent Faculty Members:	38+04=42 • Professors : 15 • Associate Professors : 09 • Assistant Professors : 14 • Contract : 04
• Permanent Support Staff:	38 • Non-teaching Staff : 34 • Technical Staff : 04
• Students:	526
1.4 Three major features in the institutional context (As perceived by the peer Team):	<ul style="list-style-type: none"><li>• Self financed institution situated in semi-urban area affiliated to the state University (Rajiv Gandhi University of Health Sciences) (RGUHS)</li><li>• Student centric learning- environment with Center for Pharmaceutical and Professional Advancement (CPPA)</li><li>• Good infrastructure for classroom and laboratories</li></ul>
1.5 Dates of visit of the peer Team ( A detailed visit schedule may be included as Annexure):	15 <sup>th</sup> - 17 <sup>th</sup> December, 2014
1.6 Composition of the Peer Team which undertook the on- site visit:	
Chairperson	Prof. Ramesh K. Goyal
Member Co-coordinator	Prof. Swarnlata Saraf
Member	Dr. Rahul Rathod
NAAC Officer:	Dr. Sujata P. Shanbhag

<b>Section II: CRITERION WISE ANALYSIS</b>	
<b>2.1 Curricular Aspects:</b>	
2.1.1 Curricular Planning and implementation:	<ul style="list-style-type: none"> <li>• Academic programmes are in consonance with goals and mission statement of Institute.</li> <li>• Being an affiliated college, it follows the curriculum prescribed by the University RGUHS.</li> <li>• Limited participation of faculty in curriculum design.</li> <li>• Various committees exists to monitor the academic activities of Institute however, need to have regular formal meetings</li> </ul>
2.1.2 Academic Flexibility	<ul style="list-style-type: none"> <li>• Institute offers B.Pharm, M.Pharm., D. Pharm. Pharm. D. and Ph.D. programmes as per the University, AICTE and PCI norms.</li> <li>• Lateral entry in B. Pharm, as per AICTE norms.</li> <li>• There are elective subjects offered during M. Pharm.</li> </ul>
2.1.3 Curriculum Enrichment:	<ul style="list-style-type: none"> <li>• Knowledge base and skill development programmes organized periodically.</li> <li>• Limited access for curriculum enrichment due to affiliating status of Institute.</li> <li>• Skill and personality development programme offered through CPPA on the payment basis that to be structured.</li> </ul>
2.1.4 Feedback System:	<ul style="list-style-type: none"> <li>• Formal feedback mechanism at the time of sessional examination.</li> <li>• Feedback analysis system and action on feedback can be strengthened further.</li> <li>• Feedback system from other stakeholders should be established.</li> </ul>
<b>2.2 Teaching Learning &amp; Evaluation:</b>	
2.2.1 Student Enrolment and Profile:	<ul style="list-style-type: none"> <li>• Centralized admission process through competent authority i.e. Government of Karnataka.</li> <li>• Some admissions offered through trust authorized agencies.</li> <li>• Good profile of students admitted to Pharm. D.</li> <li>• Number of students enrolled to M. Pharm. programme is poor.</li> </ul>
2.2.2 Catering to student Diversity:	<ul style="list-style-type: none"> <li>• The institute has the reservation policy as per state government rule and students are from diverse background.</li> <li>• A good number of the students is from other states and foreign countries.</li> <li>• System for advanced and slow learners in place.</li> <li>• Mentoring and attention is given to slow</li> </ul>

	learner via training and group discussion.
2.2.3 Teaching Learning Process:	<ul style="list-style-type: none"> <li>• Discussion of teacher with students prior to class for more interactive and participatory teaching-learning.</li> <li>• Gurukulam system till the student gets the desired results.</li> <li>• Problem-based learning of the student through tutorials.</li> <li>• Teachers follow mainly lecture mode and use of ICT to be strengthened.</li> </ul>
2.2.4 Teacher Quality:	<ul style="list-style-type: none"> <li>• The recruitment of teachers is as per the norms of AICTE and the affiliating University.</li> <li>• Around 13 faculty members out of 38 have Ph.D. qualification and some others are pursuing.</li> <li>• Institute allows faculty members for development and refresher programmes to with financial assistance.</li> <li>• Teachers are partially involved in research activities.</li> </ul>
2.2.5 Evaluation Process and Reforms:	<ul style="list-style-type: none"> <li>• Institute is affiliated to RGUHS and conduct of examinations as per rules and regulations of the University.</li> <li>• Weekly tests are conducted for constant evaluation of students.</li> <li>• Limited scope for introducing reforms in evaluation.</li> </ul>
2.2.6 Student Performance and Learning Outcomes:	<ul style="list-style-type: none"> <li>• Best two out of three sessional examinations are taken into account for average marks.</li> <li>• In-&amp; out-patient training of students to enhance their hands-on experience is in place.</li> <li>• Participation of students in University and state level events is to be strengthened.</li> </ul>
<b>2.3 Research, Consultancy &amp; Extension:</b>	
2.3.1 Promotion of Research:	<ul style="list-style-type: none"> <li>• Institutional research committee constituted to regulate research work needs to function efficiently.</li> <li>• Institute publishes in house journal.</li> <li>• Number of research projects undertaken by the faculty member is poor.</li> <li>• Efforts are required to promote research</li> </ul>
2.3.2 Resource Mobilization for Research	<ul style="list-style-type: none"> <li>• In the last five years, about Rs30.00 lakhs mobilized from funding agencies</li> <li>• In last 5 years many applications submitted, although unsuccessful, for various research funding agencies.</li> <li>• Institute needs to encourage faculty to avail research grants for projects from various agencies.</li> </ul>
2.3.3 Research Facilities:	<ul style="list-style-type: none"> <li>• Adequate research facility available for M.</li> </ul>



	<p>Pharm. and Ph. D work.</p> <ul style="list-style-type: none"> <li>• More grants need to be obtained from various agencies.</li> <li>• Management needs to provide more funds for research and allocate a separate budget.</li> </ul>
2.3.4 Research Publications and Awards :	<ul style="list-style-type: none"> <li>• Need to motivate faculty members for publications in reputed impact journals.</li> <li>• Faculty must be promoted for getting awards.</li> </ul>
2.3.5 Consultancy	<ul style="list-style-type: none"> <li>• Although collaborations with industries exist to some extent, revenue generated through consultancy is poor.</li> <li>• Consultancy services from Pharma industry have been recently initiated.</li> </ul>
2.3.6 Extension Activities and Institutional Social Responsibility :	<ul style="list-style-type: none"> <li>• Institute has established academic tie-ups and linkages with the industry of higher learning in nearby areas.</li> <li>• The NSS unit sanctioned by the RGUHS conducts various extension activities.</li> <li>• National awareness programmes are organized by the institute.</li> </ul>
2.3.7 Collaborations	<ul style="list-style-type: none"> <li>• Need to develop effective collaborative linkages with outside research agencies.</li> <li>• MOUs with national and international organizations need to be strengthened.</li> </ul>
<b>2.4 Infrastructure and Learning Resources:</b>	
2.4.1 Physical Facilities :	<ul style="list-style-type: none"> <li>• Furnished class rooms with visual aids and LCD facility are available.</li> <li>• Electric substantiation and generator are available.</li> <li>• Facilities like indoor and outdoor sport, canteen at subsidiary rate, 15 buses and hostels are available for students.</li> <li>• Facilities for physically challenged persons not available.</li> </ul>
2.4.2 Clinical / Laboratory Learning Resources	<ul style="list-style-type: none"> <li>• There is a tie up with multi-speciality hospital having 900+ bed facility</li> <li>• Students participate in clinical activities like ward rounds, ADR reporting, medication errors</li> <li>• There is separate laboratory for pharmacy practice.</li> </ul>
2.4.3 Library as a Learning Resources :	<ul style="list-style-type: none"> <li>• Digital Library available.</li> <li>• Reprographic facility is available.</li> <li>• Library to be made fully automated.</li> </ul>
2.4.3 IT Infrastructure	<ul style="list-style-type: none"> <li>• Adequate computers are available.</li> <li>• Internet and Wi-Fi connectivity available.</li> <li>• ICT resources like HELINET, online resources, e-books, e-journals and video lectures to enhance learning potential of the students are available.</li> </ul>
2.4.4 Maintenance of Campus Facilities:	<ul style="list-style-type: none"> <li>• Maintenance of the campus and college is good</li> </ul>

	<ul style="list-style-type: none"> <li>• Institute is under CCTV surveillance.</li> <li>• Good maintenance of parking zone and outdoor games facilities.</li> </ul>
<b>2.5 Student Support and Progression:</b>	
2.5.1 Student Mentoring and Support:	<ul style="list-style-type: none"> <li>• The institute college publishes upgraded and updated prospectus.</li> <li>• Institute offers free seats &amp; fee concession to children of staff and meritorious students.</li> <li>• Mechanism for student mentoring is in place and can be improved further.</li> </ul>
2.5.2 Student Progression :	<ul style="list-style-type: none"> <li>• There is 20% drop out rate.</li> <li>• The pass out percentage is good (above 80%).</li> <li>• Grooming of the students for GPAT, NET and competitive examinations by teacher counselling is needed.</li> <li>• International students counselling is in place.</li> </ul>
2.5.3 Student Participation and Activities:	<ul style="list-style-type: none"> <li>• Co and extracurricular activities, cultural events and programmes are in the tune with national importance.</li> <li>• Regular NSS activities are organized such as tree plantations.</li> <li>• Student career counselling and placement is in place.</li> </ul>
<b>2.6 Governance, Leadership and Management:</b>	
2.6.1 Institutional Vision and Leadership:	<ul style="list-style-type: none"> <li>• Institute has well spelt Vision and Mission statements.</li> <li>• The Institute fulfills the need of pharmaceutical education in the health care hub of Bangalore</li> <li>• Formal and informal meeting with stakeholders need to be more frequent</li> <li>• Academic leadership needs to be strengthened</li> </ul>
2.6.2 Strategy Development and Deployment	<ul style="list-style-type: none"> <li>• Academic planning with participation of teachers and the management is to be strengthened</li> <li>• Internal organization structure is conducive for the decision making process.</li> <li>• Vision document for the strategic development is to be implemented effectively.</li> </ul>
2.6.3 Faculty Empowerment Strategies:	<ul style="list-style-type: none"> <li>• Financial assistance is provided to attend conferences and seminars within the country.</li> <li>• Performance appraisal of faculty is in place.</li> <li>• Formal mechanism for faculty empowerment need to be there.</li> </ul>
2.6.4 Financial Management and Resource Mobilization:	<ul style="list-style-type: none"> <li>• Institute is self financing and tuition fee is the main source of income.</li> <li>• Separate accounts have been prepared for institute from 2014.</li> <li>• Accounts of the trust are audited by internal and external auditors.</li> </ul>
2.6.5 Internal Quality Assurance System:	<ul style="list-style-type: none"> <li>• IQAC is functional from April 2014.</li> </ul>

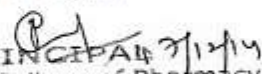
	<ul style="list-style-type: none"> <li>Academic audit need to be undertaken by the external peers.</li> </ul>
<b>2.7 Innovations and Best Practices:</b>	
2.7.1 Environment Consciousness:	<ul style="list-style-type: none"> <li>ISO certified green campus.</li> <li>A few environmental awareness camps organized by the students.</li> <li>Institute has installed solar panels in the hostels.</li> <li>Tree plantation and waste management programme are carried out appropriately.</li> </ul>
2.7.2 Innovations:	<ul style="list-style-type: none"> <li>CPPA established for updating the knowledge.</li> <li>Preparations of the students for future on the basis of 3Cs in teaching- learning.</li> <li>Innovation practice through research need s to be initiated.</li> </ul>
2.7.3 Best Practices:	<ul style="list-style-type: none"> <li>Gurukulam system for weak students.</li> <li>Orientation programmes for soft skill development.</li> </ul>

<b>Section III: OVERALL ANALYSIS</b>	
3.1 Institutional Strengths:	<ul style="list-style-type: none"> <li>Well developed infrastructure of class rooms and laboratories.</li> <li>Good training and counselling of the students.</li> <li>Good support of the management for institutional development.</li> <li>Committed teaching staff.</li> <li>Good campus with infrastructure with green environment.</li> <li>Institute publishes in house journal.</li> </ul>
3.2 Institutional Weaknesses:	<ul style="list-style-type: none"> <li>Inadequate collaborative projects with industry.</li> <li>Inadequate mobilization of the funds from external sources.</li> <li>Research projects undertaken by the teachers are inadequate.</li> <li>Research publications in high impact factor journals are less.</li> </ul>
3.3 Institutional Opportunities:	<ul style="list-style-type: none"> <li>Industry-institute partnership for consultancy and research.</li> <li>Initiation of more add-on courses.</li> <li>Use of infrastructure for basic drug development and delivery research.</li> <li>Effective and useful MoU with various research agencies.</li> <li>Staff Development programs may be conducted frequently.</li> </ul>
3.4 Institutional Challenges:	<ul style="list-style-type: none"> <li>Recognition of Institute under section 2 (f) and 12 B of UGC act 1956.</li> <li>Getting autonomy of Institute .</li> <li>Resource mobilization for research funding.</li> <li>Publications of research papers in peer reviewed</li> </ul>


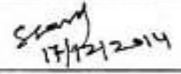

	journals with high impact factor. <ul style="list-style-type: none"> <li>• Strengthening of PG programmes in the institute.</li> <li>• Strengthening the activities of the placement cell.</li> </ul>
<b>Section IV: Recommendations for Quality Enhancement of the Institution</b> (Please limit to ten major ones and use telegraphic language) (It is not necessary to indicate all the ten bullets)	
<ul style="list-style-type: none"> <li>• Recognition of institution under section 2(f) of UGC Act 1956.</li> <li>• Documentation and record keeping need to be strengthened.</li> <li>• To start add-on courses.</li> <li>• Strengthening of research activities.</li> <li>• Motivation of faculty to publish in impact factor journals and obtain the patents.</li> <li>• Initiation of efforts for externally funded research projects.</li> <li>• Establishment of strong base of industry-academic interaction.</li> <li>• Modernization and optimum use of the central instrumentation facility.</li> <li>• Effective collaborations and linkages for the effective research and outreach programmes.</li> <li>• Strategies to be evolved for more student enrollment in PG courses.</li> <li>• Being an old college it is expected to organize faculty development programmes and workshops regularly.</li> <li>• Mutidisciplinary research need to be undertaken.</li> <li>• Analysis and documentation of clinical research and projects need to be done.</li> </ul>	

I agree with the observations of the Peer Team as mentioned in this Report.

Signature of the Head of the Institution

  
**PRINCIPAL** 31/12/14  
 Krupanidhi College of Pharmacy  
 Seal of the Institution  
 Chikkabenehalli, Carmelaram Post,  
 Varthur Hobli, Bangalore - 560 035

Signatures of the Peer Team Members:

Name and Designation		Signature with Date
Prof. Ramesh K Goyal	Chairperson	 17/12/14
Prof. Swarnlata Saraf	Member Co-coordinator	 17/12/2014
Dr. Rahul Rathod	Member	 17/12/2014
NAAC Officer Name Dr Sujata P Shanbhag	Designation Assistant Advisor, NAAC	

Place: Bangalore

Date: 15<sup>th</sup> - 17<sup>th</sup> December, 2014



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## ACTION TAKEN AS PER THE PREVIOUS REPORT GIVEN BY NAAC INSPECTORS

<u>Sl.No</u>	<u>Major Recommendations</u>	<u>Action taken</u>
<u>1</u>	<b>Recognition of the institution under section 2(f) of UGC Act 1956</b>	Yes, our college is recognized under section 2(f) of UGC Act 1956 and the same already attached in the SSR
<u>2</u>	<b>Documentation and record keeping need to be strengthened</b>	A room has been designated as NAAC documentation room, where last 4 year's documents' pertaining to all academic aspects have been properly labeled and segregated. The data of the same is maintained in the desktop.
<u>3</u>	<b>To start Add on courses</b>	03 months certification course on "Regulatory affairs" for students and staff was conducted and furthermore we are contemplating to start bridge course (B. Pharmacy Practice) for in service diploma holders who have more than four years of work experience.
<u>4</u>	<b>Strengthening of research activities</b>	An established research advisory committee is functional in the college which monitors all major and minor on going projects and encourage, supports the faculty members to write inter disciplinary collaborative projects.
<u>5</u>	<b>Motivation of faculty to publish in impact factor journals and obtain the patents</b>	There is initiation of credit point system. Publication in journals with impact factor enables faculty members to gain points and accumulate, which can be later converted to cash or support for international travel. Patents in collaborations with our research partners in the industry. Inhouse extensive focus has been generated for faculty to carry out quality research. Patent lawyer is available as consultant from Green Chem, our industry partner.
<u>6</u>	<b>Initiation of efforts for externally funded research projects</b>	After the intermittent lag period of external research grants. The faculty is motivated again to seek research grants. Extensive orientation by experts has been carried out on how to write the research protocols. Staffs are encouraged to attend and participate in similar workshops. Various external sources are tapped to generate funds. In recent times the grants of Rs 12 Lakhs and Rs. 1.5 Lakhs have been received from the University to carry on research in drug design and cell lines. Many grant requests have been sent to DST, VGST and University. Industry like Green Chem is also funding our research projects.
<u>7</u>	<b>Establishment of strong base of industry academic interaction</b>	Industry academic interaction has been improved through MOUs. The PG students are encouraged to take up projects in collaboration with the industry. We also organize number of seminars and workshops where the resource persons are from the industry.



<b><u>8</u></b>	<b>Modernization and optimum use of the central instrumental facility</b>	We have purchased high sensitivity electronic balances and repaired many instruments to working conditions.
<b><u>9</u></b>	<b>Effective collaborations and linkages for the effective research and out reach programmes</b>	Yes, collaborative works with various prestigious organizations and industries is on Green Chem, Teleradiology etc.
<b><u>10</u></b>	<b>Strategies to be evolved for more student enrollment in PG courses</b>	PG student's enrollment for academic year 2014 to 2016 increased. College provides them free transportation, organized industry visits, certificate courses without any additional charges, 24 hours Wifi facilities, library reference etc for total involvement of students in research. On campus recruitment is encouraged for the PG students. The placement opportunities are amotivational tool for them.
<b><u>11</u></b>	<b>Being an old college it is expected to organize faculty development programs and workshops regularly</b>	Yes, many steps have been taken towards the conduct of faculty development programmes. <ul style="list-style-type: none"> <li>• Two days teachers training workshop was organized in collaboration with the University.</li> <li>• Workshop on research methodology was organized and well attended by our staff.</li> <li>• Collaborative training programme with APTI and University was organized to ensure the PG teachers with newer modules and techniques.</li> <li>• Certificate course on Regulatory affairs- duration 3 months.</li> <li>• Workshop on pharmacovigilance.</li> <li>• Two Saturdays in a month are dedication to staff and student development through seminars by experts.</li> </ul>
<b><u>12</u></b>	<b>Multidisciplinary research need to be undertaken</b>	Yes, we improved with the interdepartmental research projects carried out by the PG students. This year PG pharmacology students are actively involved with the pharmacognosy department. Apart from that 04 B.Pharm students have carried out short term project financed by management. Pharm D students are carrying out their research projects with MVJ medical college hospital and Columbia Asia hospital.
<b><u>13</u></b>	<b>Analysis and documentation of clinical research and projects need to be done</b>	Yes, our all Pharm D students are actively involved in their 5 and 6 <sup>th</sup> Year course study with their research project partening to clinical study. The projects carried out by them are well documented. Students are encouraged to write research papers.

## CRITERIA WISE INPUTS

### Criteria –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?

- The goals and objectives are clearly stated through vision and mission of the college:

**Vision:** To Nurture the future Pharmacist with focused approach for professional excellence and complete overall development.

**Mission:** “We carve stones, we just don't polish them. We make monuments out of them”.

##### Goals and Objectives:

- Provide students from all walks of life a platform to learn and understand the concepts of Pharmacy education.
- Provide graduates with a solid foundation in the principles of pharmacy to improve their analytical and creative problem-solving skills to enable them to work successfully on multidisciplinary technical areas and research.
- Identify and develop resources to foster new research and scholarship, infrastructure and activities maximize quality direct patient care and reimbursable services.
- Allocate resources in a fair and transparent manner.
- Conduct and publish pharmacy education research
- Create awareness of human rights, value system, culture, heritage, scientific temper and environment.
- Equip and empower students with relevant knowledge, competence and creativity to face global challenges.
- Promote and practice inclusive growth
- Provide appropriate, adequate, and up-to-date physical facilities and equipment
- These are communicated through:
  - College Prospectus
  - Co-curricular Activities: - Seminar, Conference, Workshops etc.
  - College Website and Interaction with Alumni
  - Departmental Newsletters (Synergia), Journals (Journal of Pharmaceutical Research, RGUHS Journal of Pharmaceutical Sciences) and College magazine (Expressions).
- Visits of National and International Delegates, Dignitaries and Artists

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

- Based on the guidelines and standards of various statutory bodies, the college has developed well defined plans for the effective and efficient implementation of the curriculum at UG and PG level.
- The academic calendar of the college represents various curricular activities planned during a year and are based on the University calendar.
- The institution's academic programs actively involve students in learning,

challenge them to achieve high expectations, and provide them with appropriate and ongoing feedback about their performance and how it can be improved.

- The institution demonstrates that its graduates consistently achieve its stated levels of attainment and ensures that its expectations for student learning are embedded in the standards faculty use to evaluate student work in the form of regular class tests (Gurukulam system of learning), and sessional exams.
- The institution ensures that all students understand the requirements of their academic programs and receive timely, useful, and regular information and advising about relevant academic requirements.
- The course and lesson plans are prepared before the commencement of the session along with lecture notes to make the system trouble-free for students and faculty. These are duly checked by respective heads of the departments.
- Lab manuals are prepared and distributed among students beforehand to make the system unproblematic.
- The concept of enhancing soft skills was introduced which bridges the gap and ensures that our students are not only qualified professionals, but also well rounded citizens.
- Students are subjected to industrial training, seminars, symposiums, workshop leading to enhancement of their research perspective, knowledge, competence and creativity.
- Extra classes, tutorial classes, etc are conducted regularly besides regular classes for weak students.

### **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.).**

- Curriculum of all courses is updated on regular basis by RGUHS University to which institute is affiliated with. The revised curriculum is followed rigorously and it is made relevant to cater to the local, diverse needs and emerging trends. In the process of curriculum development, the University Curriculum Committee plans the basic structure of the course that can fulfill objectives stated in the vision statement with the scope for revision and improvement. The Committee would specify the nature, various categories and weightage of the course, allotments of hours and credits to each subject in accordance with the recommendations of the UGC. Various aspects like recent development in the field, academic, industrial and hospital trends, multi-skill development, development of creativity and originality, values and social factors are taken into consideration while designing curriculum. Necessary changes are incorporated in the curriculum based on feedback from resources persons, peer reviewer, industrial personnel and subject expert of various institutes affiliated by RGUHS University. The alterations, modifications, deletions and omissions are incorporated before final framework of curriculum.

### **1.1.4 How does the curriculum design and development meet the following requirements? Community needs**

- As a part of curriculum all the students study environmental studies which gives them exposure to various environmental related problems.
- The Women's Cell of the College takes care of the rights of ladies—both students and staff.
- NSS unit offer platforms for awareness regarding Climate Change and Environmental



Education and various activities like AIDS and Diabetes awareness rally, Swacch Bharat mission were organized and thus the students are involved in the social service throughout the year.

- The Grievance cell caters to the issues regarding Human Rights violations.

#### **Professional skills and competencies**

- Various personality and soft skill development programmes are organized by the finishing school and Training and Placement cell greatly enhance the employability of our students in the Industry.
- The college understands that good communication skills are vital for the students for better career options. Therefore, the institution has a built in mechanism for developing verbal and written communication skills, group discussions, leadership qualities etc.
- It is a regular practice of the institution to invite different expert resource persons to conduct 07 days' classes of finishing school where students develop confidence, readiness for employability, key management skills, pragmatic competences etc.
- Students are subjected to various activities like yoga, dance, meditation, dining etiquettes, Debate and essay writing competitions, etc. through finishing school. These professional skills help them to perform well in their professional and day to day life.
- Students are also given different responsibilities in organizing various activities such as cultural programmes, competitions, seminars, workshops etc. This improves team building, leadership qualities and organizational skills.

#### **\* Research in thrust / emerging areas**

- To promote individual as well as institutional growth, research is a part of curricula designed by university. The Institute is engaged in research areas like diabetes, immune modulators, synthetic chemistry, phytochemistry, New drug delivery system etc. which is substantiated by research and review papers publication in national and international journals, paper presentation in conferences, seminars etc.
- Curriculum is framed in such a way as to inspire and motivate the students to undertake research programmes.
- Various projects are guided under the expertise of the senior teachers of the institute to create research environment in the institute.
- Besides research is a mandatory activity of all the PG programmes of the college. Research project report submission/ dissertation is a partial fulfillment for the degree and incorporated in the curriculum
- Students and staff members interact with scientists and researchers that provide opportunities to explore the prospective areas of research.

#### **\* Innovation**

- Modern teaching techniques, like use of E-learning methods, quiz, use of models and charts, group discussion on various topics make studies innovative and rewarding.
- In framing the curriculum, subjects of current importance and need such as Industrial Microbiology, Pharmaceutical marketing, Hospital and Clinical Pharmacy, Pharmacokinetics and therapeutic drug monitoring have been added, some of them are elective subjects which the students can take depending on their area of interest and these subjects expose them to a newer avenue.
- Emerging areas like applied biochemistry, biopharmaceutics, toxicology are introduced in order to enable the students to update their knowledge and expand the avenues for placements.

- Programmes like Finishing School, where students, staff members and various industry experts work intensely that ensures employability of the students.

### **Employability**

- Since the courses running in the institute are professional courses, the employability is very high. These courses make the students to open their own Pharmacy stores, give them training to work in various departments in pharmaceutical industry including R&D and make them suitable to merge themselves in academic streams or participate in patient care directly at hospital level.
- Curriculum designed by the RGUHS University to ensure the potential for employment has been rigorously followed by the institute.
- Interdisciplinary courses for UG and PG, Fundamentals of Computer, enhance the prospects of employability.
- The RGUHS University to which this institute is affiliated, offers minimum of 3-4 electives in each branch. The elective subjects offered are based on the latest technological trends and industrial needs so that at the end of the programme, the student will be conversant with those advanced topics and will be ready to handle the needs of the industry.
- Compulsory English classes are conducted within the regular college working hours by our faculty and Finishing school members, to help the local as well as the foreign students who have difficulty with the English as a medium of learning. This has also improved the employability of our students by making them ready for the world.
- Further, following methods are used to enhance academic and employment skills
  - Additional lecture hours introduced for problem oriented and difficult subjects
  - Guest lecture given by eminent persons in emerging areas from industry and also from reputed universities in India and abroad.
  - Mini projects and industry based final year projects
  - Seminars by students
  - Industrial visits and industrial tours
  - Performing additional experiments than prescribed in the syllabus

### **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 institute follows curricula framed by the University based on guidelines approved by various statutory bodies like PCI/AICTE. The institute participates in syllabus committee, board of study, to create model curricula aiming to produce the one which is compatible in tune with recent development in subject, to introduce innovation, to provide a multidisciplinary profile and to allow flexible cafeteria like approach. Guidelines for Annual system, Hours of study (theory and practical), core and elective subjects, internal and external marks assessment criteria, transparent evaluation, teaching methodology research methodology, case studies, hospital visits, maximum student uptake etc. are thoroughly followed.
- The new developments, concepts are cautiously integrated with the revised curricula regularly which lead to introduction of revised syllabus courses by University at UG and PG level.

### **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?**

- The experts from industry, academy and affiliated colleges are nominated as members of board of studies and curricula committee by RGUHS University and their suggestions help in revision of curriculum. The institute interacts with industry during industrial visits and forward feedback to syllabus committee and board of studies for effective translation of curriculum to the practical applicability which the industry expects.
- Our teachers also participate in the discussions relating to the curriculum design and whenever they find that the syllabus needs to be modified to meet the present trends, they communicate their ideas in black and white to their respective Members of board of Studies. While recommending or forwarding the suggestions to the Board of Studies our teachers normally take into consideration the students' feedback as well as other faculty members of various departments. It has been a regular practice of the College to depute senior most faculties to meet the students in the class rooms exclusively and informally outside the class room to get their informal feedback. Similarly the class review committee meetings give an opportunity to the faculty to understand the needs of the students and initiate corrective steps in teaching learning processes. Feedback obtained from students, alumni, industrial experts, parents of the students studying in the college are integrated and represented to the various boards of RGUHS University. Regular programmes are organized by the college in association with industry to train the faculty in these aspects which in turn will be transferred to the students. Furthermore our teachers are conducting orientation programmes for the freshers of all the courses.

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

- The institution has started Pharm D course, which is similar to the Pharm D courses running all over the world. The focus of this curriculum lies mainly on patient care which also includes hospital visits, case studies, surveys, direct patient care feed. All these are the need of today's role of pharmacists in hospitals.
- Introduction of elective courses in B. Pharm courses also serve the purpose of globalization and diversification of job opportunity with pharmacy as the background e.g. we have Pharm. Marketing, Hospital and Clinical Pharmacy, Pharmacokinetics and therapeutic drug monitoring subjects, which opens various avenues for the students. All courses ensure both knowledge and skill development leading to global competence.
- Steps are taken for computerization of library, internal assessment, evaluation and examination work. Various journals are easily available online that can be accessed by students. This help to gain knowledge regarding development in pharmaceutical field. Projects are guided under supervision of competent staff, this inculcates in them a higher order thinking skills, innovative and problem solving and management ability.

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

- Not applicable

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

- As a part of the curriculum for final year students in all the courses, finishing school is conducted, where students develop confidence, readiness for employability, key management skills, pragmatic competences etc. Seminars are organized throughout the year for the benefit of students and faculty, where the renowned speakers are invited for deliberations on their subject of expertise. These enlighten and enhance students' perspective and keep them in tune with the current happening in their field. A brief list of seminars conducted from 2013 onwards.

Year - 2013			
S. No.	Date	Topic	Speaker
1)	05 Jan	Indian Pharmaceutical Industry Update	Mr. K. Kiranshankar Sr. VP. BPRL, Bangalore
2)	19 Jan	Contamination Control In Pharmaceuticals	Mr. G. Sathya Murthy, Director, Himalaya Drugs Bangalore
3)	28 Jan	Nanotechnology in the 21 <sup>st</sup> Century Pharmaceutics	Alekha K. Dash PhD, Professor & Creighton University-USA
4)	02 Feb	Drug Discovery & Development, From – Bench To Bedside	Dr. Gopal Muralidharan, Founder Director, Dhakshah Biosciences
5)	26-27 Feb	Corporate Presentation & Online tests Campus Interview - M Pharm Students	Mr. S Srihari, Mr. Vaibhav & HR Team Indegene Lifesystems , Bangalore
6)	04 Apr	Pharmaceutical Marketing Products Management Strategies	Mr. A. N. Seshasayee, Daffodil Designs, Bangalore
7)	22 Apr	Endotoxin Testing In Pharmaceuticals	Mr. Manjunath Shenoy, Lonza, Switzerland
8)	03 May	“ Health Care Burden Of Disease & Innovation In Pharma”	Dr. Vivek Shenoy, Biocon, Bangalore
9)	03 May	“ Drug Development Clinical Trials & Student Projects – Can We Be Industry Ready”	Dr. M.V. Nagendran , MVJ Hospital, Bangalore
10)	04 May	Understanding The Trends In Personalized Medicine & Impact On New Oncology Products	Mr. V. Kumar, Pfizer India
11)	04 May	Prevailing Challenges & Opportunities In	Mr. V. Kumar, Pfizer India

		Pharma Industry	
12)	15 May	Corporate Presentation and Campus Interview Final Year B Pharm	NutriSynapzz, Bangalore, HR Dept, Ms. Nikitha , Prof. Srinivas and Team
13)	30 May	Diabetes Awareness Camp ( KCP + BIOCON )	BIOCON – Mr. Navaneeth, Mr. GokulNath, Mr. Anthony Raj KCP- Dr. Ujjwalla, KCP Pharm D Students and Staff.
14)	28 May	Bayer – Zydus Presentation & Interview Final BPharm	Mr. Percy Bamboat – HRD
15)	31 May	Drug Interactions – What Do We Need to Know	Dr. Aparna Yerramilli MPharm, Pharm D – USA.
16)	3 Jun	WHO – Rational Drug Use	Dr. Guru Prasad Mahanto – Annamalai University
17)	8 Jun	Clinical Pharmacy – Pharm D	Dr. Wafa Y Dahdal – Director of International Programs, Asst Director of Professional Development, American College of Clinical Pharmacy- USA.
18)	18 Jun	Nanotechnology Application in Medicine & Pharmaceutical Sciences	Dr. Anupama Rangan – Vivekananda College of Pharmacy – Bangalore
19)	21 Jun	Opportunities in Nutraceuticals	Dr. Shrinivasan S, Sr. VP- Medreich Labs, Bangalore
20)	11July	Drug Discovery Studio	Dr. Anand Krishnamurthy & Mr. Shrikant – Accelrys
21)	27 July	Preparing for NAC Accreditation Presentation	Prof. k R Maruthi, Principal Krupanidhi Degree College
22)	27 July	Plant Visit – Medreich Labs- Bangalore	KCP Staff & Students
23)	28 Sept	Leader In me Workshop	Prof. Uday Arur – Biz Mantra Management Consultant, Mumbai
24)	8 Nov	Understanding Effectiveness for Teachers	Prof. Anila Director

			CLHRD/Mangalore
25)	9 Nov	Building Competence	Prof. Anila Director CLHRD/Mangalore
26)	16 Nov	Overview of the Pharmaceutical Industry	Mr. Krishna Kumar- Head QA- Biocon- Bangalore
27)	23 Nov	NPW Celebrations SEMINAR SERIES – Biogenerics, QbD, Process Engineering, product Development, Advanced Analytical Techniques,, Enhancement of Drug Delivery, Writing Research & Review Articles	Dr. Dinesh Shenoy –Sr. GM- Mylan Labs
28)	9 Dec	KCP Staff Visit to Green-Chem , Bangalore	Dr. MD. Karvekar, Dr. Prem Kumar, Dr. Sonal Dubey, Prof. Prakash V Mallya
29)	20-22 Dec	65 <sup>th</sup> IPC New-Delhi, Amity University Noida	Directors, Principal, Dean, MPharm & BPharm Students were Registered Delegates  Seminar Presented By Prof. Prakash V Mallya – ENHANCING LEARNING THROUGH MOTIVATION
<b>Year- 2014</b>			
30)	17 Jan	Visit to GROUP PHARMACEUTICALS - Malur/Bangalore	All MPharm Students + Prof. Mallya
31)	18 Jan	Advances in Diagnosis and Imaging of Cancer Impacting Treatment.	Dr. Harsha Doddihial – VP Quintiles, Consulting Oncologist , Bangalore , All PharmD, Final BPharm & Staff
32)	24 Jan	Finishing School & Skill Development	All MPharm, Final BPharm, 4 Pharm D
33)	25 Jan	IPR Lecture Series By Mr. Ravi Syam Madhira 1	All MPharm, Final BPharm and Staff
34)	1 <sup>st</sup> Feb	IPR Lecture Series By Mr. Ravi Syam	All MPharm, Final BPharm



		Madhira 2	and Staff
35)	1 <sup>st</sup> Feb	QC, IPQC, GLP, Ranbaxy Issues	Mr.Sarang Athavale, Pharma Industry Consultant, All MPharm, Final BPharm and Staff
36)	6 <sup>th</sup> Feb	Teleradiology, Image Radiology in Clinical Trials and New Drug Development	Dr. Arjun Kalyanpur, CEO, Teleradiology Solutions, Image Core Labs, Bangalore
37)	8 <sup>th</sup> Feb	From Research Topic to Publication	Dr. G Jagadeesh, USFDA, Maryland-USA
38)	15 Feb	Pharma Industry Visit Tejkamal Pharma ,	405 Students and Staff ,3 <sup>rd</sup> Year and Final Year B Pharm
39)	17 Feb	Campus Drive/Interview – Presentation for DPharm, IV BPharm, PharmD	RELIGARE WELLNESS, Mr. Rangarajan, Cluster Manager
40)	21 Feb	Finishing School Training – Defining Decade, Satya Nadella- Case Study	Final BPharm, MPharm students
41)	21 Feb	Life Skills, Personality Development, Motivation, Communication	Mr. MVN Kasyap - Buouyancee – Bangalore
42)	22 Feb	IPR in Pharma	Mr.Ravisyam, Jubilant Organosys, Bangalore
43)	22 Feb	Introduction to Marketing & Management to Final BPharm Marketing & Management	Prof. Vinay Rao, Faculty MBA-Krupanidhi
44)	21 & 22 Feb	Inaugural Convention of the Indian Association of Colleges of Pharmacy – Advancing Pharmacy Practise In India – Sheraton – Bangalore	Staff & Students of Pharm D
45)	28 Feb	Visit to Teleradiology Solutions for Pharm D Internship meeting with Dr. Arjun Kalyanpur and Team	KCP Dr. Raman Dang and Prof. Prakash Mallya
46)	1 March	IPR – Patents in Pharma	Mr.Ravisyam, Jubilant Organosys, Bangalore

47)	4 March	Industry Visit - KAPL Injectable Plant, Peenya	Staff & MPharm Students
48)	5 March	Industry Visit - MEDOPHARM Plant, Malur	MPharm Students
49)	6 & 7 March	KDPMA – MSEM Meet, Seminars, Placement Cell and Pharma Exhibition , Hotel Lalit Ashoka, Bangalore	Directors & MPharm Students
50)	10 Mar	SAGAR Pharma Meeting to discuss Artificial Saliva Project Industry – Academia Project	Sagar Pharma – Kiranshanker, Rajesh Bapat KCP – Dr. RS Thakur, Dr. Raman, Prof. Mallya,
51)	19 March	CDSCO/WHO Advances in GMP – PAT Presentation by Chandramouli to CDSCO All India Drug Inspectors – Hotel 37 Crescent Guest of Honour Prof Prakash Mallya	Mr. Chandramouli, P Mallya & Gauvrav Kumar
52)	21 March	Valedictory Function Finishing School Batch of 2014, Presentation by 3 Alumini Student and Presently working at ACCENTURE	Final BPharm & MPharm Students
53)	22 March	Valedictory Function of IPR Lecture Series by Mr. Ravisyam of Jubilant Organosys, Distribution of Certificates	MPharm Students
54)	16 August	Who prequalification of pharmaceuticals – seminar Dr. Satish v mallya health canada & who	All Final Year BPharm, Pharm D MPharm and Staff
55)	1 – 12 August	Induction Orientation & Softskill Training	All Freshers of KCP
56)	25 <sup>th</sup> & 26 <sup>th</sup> August	Workshop on SoftSkills and Personality Development – Ajit Kaikikni/Director Bouyancee/Bangalore	All Final Year BPharm, Pharm D MPharm DPharm
57)	25 Aug – 6 Sept	Finishing School Training - Prof. Mallya	All Final Year BPharm, Pharm D MPharm DPharm
58)	2 <sup>nd</sup> Sept	Workshop on Motivation and Stress Management – Dr. R Dayanand/	All Final Year BPharm, Pharm D MPharm DPharm

		Consultant/Bangalore	
59)	6 Sept	Peace Education Programme – Jyoti Singh,manisha,Ajitabh, Deepak Dangi.	All Teaching & Non-Teaching Staff
60)	13 Sept	Innovation in Herbal Products – Mr. Rajendran CEO, Ravi Rajendran- Director & Team Green Chem/Bangalore	Final BPharm, MPharm, Staff
61)	8 Nov	Nanotechnology, Vaccines Development Generic Drugs Formulation Development – Dr. Dinesh Shenoy –Director R&D LUPIN Research, PUNE	All Staff & MPharm
62)	22 Nov	“Trends & Developments in the Healthcare Industry”-  Dr. Harsha Doddihal Co-founder & CEO- Prana Healthcare Enablers  Chief Scientific Officer- D Cube Analytics Medical Director- Medsurge_	Pharm D, MPharm, Staff
63)	29 Nov	STEM CELL and its Application , Dr. Ramanand Nadig, Diabetologist, Medical Advisor, Academician	Pharm D, MPharm, Staff
64)	6 Dec	Prof. Anila,Director CLHRD, Mangalore, Competency Building	II & III BPharm and II & III Pharm D
65)	6 Dec	Prof. Anila,Director CLHRD, Mangalore, Competency Building and Teachers as a Leader and Effectiveness.	Teaching Faculty KCP and other Campuss Faculty
66)	13 Dec	Technical Video Series- Ebola Virus, Organ on Chip, 3D Organ Printing, Virtual Lab Tableting. – Prof. Mallya	All students
<b>Year – 2015</b>			
67)	07 Jan 2015	Full Day Programme on From Campus to Career full day SoftSkill and Life Skills by 2 Alumini MPharm Students – Mr. Kasyap and Ms. Vijaysree	First BPharm, First MPharm, First Pharm D, DPharm & Staff.
68)	08 Jan	Organised Full Day Plant Visit for QA MPharm Students and Staff to Himalaya Drug House – Bangalore	QA MPharm Students with Mr. Chandramouli

69)	22 Jan	Organised Full Day Plant Visit for Final BPharm Students and Staff to Karnataka Antibiotics Pharma Ltd. – Bangalore	Final BPharm Students with Dr. Kuntal and Ms. Nisha
70)	First week	Organised Raw material API from different Pharma Industry for Ketoprofen, Albendazole and Doxorubicin for 3 MPharm Students	
71)	21 Feb	PHARMACEUTICAL PLANT DESIGN – GMP concepts  Mr. G. Satyamurthy Director Himalaya Wellness	BPharm, MPharm, Staff
72)	7 Mar	Message of Peace – Peace foundation	For all Staff and Final Year Students
73)	14 Mar	Dr. Utkala – Tele Radiology , The Scope of Pharmacy Usual and UnUsual Careers in Pharmacy	All Pharm D, Final BPharm, MPharm students.
74)	20 Mar	Sanofi India Campus Interview at KCP	All Final BPharm Students
75)	27 Mar	Message of Peace – Peace foundation	All Staff, BPharm, MPharm
76)	11 April	Big Data Analytics and Business Intelligence – Dr. Venkat Rajgopal	Students & Staff of KCP, MCA, MBA
77)	22 Apr	WHO- GMP Workshop on Prequalification c GMP	PVM, Prof. Chandramouli, Prof Ruchi, MPharm QA Students
78)	2 July	Seminar Regulatory Affairs in Pharma – Prof. Prakash V Mallya	All Final Year Students & Staff
79)	7 July	KAPL Seminar on GMP Presented by KCP Staff	Mallya, Chandramouli, Kavitha
80)	8 July`	Pharm D in USA , Dr. Chandra Sekhar , Findlay Univ,	All Final Year Students & Staff
81)	13 -20 July	Finishing School	All Final Year Students
82)	6 – 8th Aug	Induction Training – Freshers	For All Freshers

83)	22 Aug	Seminar Presentation at ASPI – KSPOR, Topic – Is this the End of the Animal Testing era in Drug Discovery “	All KSPOR Delegates.
84)	12 Sept	Clinical Research and Career Opportunities	To all Final Year Students
85)	5 Dec	A New Wave Healthcare Dynamics- Are You Ready For IT – Dr. Harcha Doddihal – Prana Healthcare , Bangalore	Final yr PharmD, MPharm,Staff & Students
86)	12 Dec	Shri Indu Bhushan (CEO – Steer Pharmaceutical Development Centre, Bangalore) Topic Melt extrusion technology	All Third, Final BPharm, Alumini, Staff
87)	12 Dec	Dr.Ajay Khopade (VP – R&D, Sun Pharma Advanced Research & Discovery Centre, Baroda) Topic Nanotechnology in Pharma, Novel drug delivery systems	All Third, Final BPharm, Alumini, Staff
88)	12 Dec	Dr. Jitendra Kadam (Patent Landscape Analyst,Shell, Bangalore) Topic - Intellectual property management	All Third, Final BPharm, Alumini, Staff
89)	12 Dec	Dr. Dinesh Shenoy (Director – Pharma Research, Lupin Limited, Pune). Topic - Barrier isolator technology – new generation sterile manufacturing	All Third, Final BPharm, Alumini, Staff
90)	12 Dec	Mr. Sudhir Nayak (Head – Metabolics business unit, Biocon, Bangalore) Topic- Recent trends in pharma marketing	All Third, Final BPharm, Alumini, Staff
91)	18 Dec	Dr. Anil Mallya & Dr. Mila Tremblay – PharmD USA – PharmD & Pharmacy Practise in the USA	ALL PharmD Students & Staff

**the institution in the following areas:**

- \* **Behavioral and Social Science.**
- Not applicable
- \* **Medical Ethics / Bio Ethics / Nursing Ethics.**
- Not applicable
- \* **Practice Management towards curriculum and/or services.**
- Institute takes steps to promote research, innovation, employability, soft skill and overall development of the students through proper implementation of curricula by Faculty and management. This act as the guiding principle of every action institute and its employees take, to find solutions to any challenge presented by the markets and adapt to changing conditions.

**\* Orientation to research.**

- Students are motivated to take up research in emerging areas and to publish research and review papers in national and international journals, paper presentation in conferences, seminars etc.
- Various projects are carried out at PG and UG level.
- PG students and aspiring teachers are encouraged to take up PhD programme by calling expert faculty and recognized guides to give them insight. They are appraised of the present scenario of core research and increased career opportunities there after.
- Research is a mandatory activity of all the PG Programmes of the college. Research project report submission/ dissertation is a partial fulfillment for the degree and incorporated in the curriculum.
- Various seminars, workshops, industrial tours are conducted throughout the year and students are motivated to attend the same for evolving their research perspective.

**\* Rehabilitation.**

- Not applicable

**\* Ancient scriptural practices.**

- Not applicable

**\* Health Economics.**

- Not applicable

**\* Medico legal issues.**

- Not applicable

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

- Our Institute provides good hostel, classroom, basic amenities facilities where students can flourish.
- Anti ragging, grievance cell, placement cell and counseling members all work integrated for benefits of students.
- ICT system is followed by the institute to enhance teaching methodology.
- Feedback system is followed that keep record of student's performance and can be scrutinized by faculty and parents.

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

- The Institution ensures that the evidence based medicine and clinical practice guidelines are followed strictly.
- As part of this we have well equipped departments which help us to guide patient care wherever possible.
- Treatment protocols are based on previous proven outcomes.
- We use current scientific evidence to guide decision-making in clinical practice.
- This is an approach to body health that requires the application and examination of relevant scientific data related to the patient's health.
- Along with the physician's professional skills, Evidence Based medicine allows the treating physicians and clinical student to stay up to date on the latest drugs/procedures and patients to receive improved treatment.
- We also conduct regular meetings to identify the deficiencies in the patient care. The suggestions made by the experts in this regard are made available to all faculties.



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

- A newly value added program is “Intellectual property rights”. This is an integral part and will benefit the students in issues related to property rights. Thereafter 03 months certificate course on “Regulatory Affairs” was conducted for the students and faculties.

### **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.**

- Horizontal integration helps resolve concepts that arise in relation to interdisciplinary subjects whereas vertical integration, allows the study of more complex cases, specifically based on the structured acquisition and application of concepts from the preceding horizontally integrated coursework in an integrated curriculum. The vertical and horizontal integration is about documentation of curriculum for our organization considering two important dimensions, the sequence and the scope of the content in a curriculum provided by the University. Sequence is about the vertical dimension of Pharmaceutical science, from basic to advance level of its training in Pharmacy and Pharm D education, whereas horizontal dimension is about breaking down the departmental barriers to integrate the basic sciences discipline (different subjects prescribed by the University for Pharmacy division) with Pharm D (different subjects prescribed by the University for Pharm D division) disciplines. The horizontal and vertical integration in our study curriculum provides students with a learning environment, which is consistent with principles of students centered, problem based and self, directed long life learning. This is done by our special committee members who all are involved in counseling team for the students. Each teacher is involves with 25 numbers of students in particular class and every month alternate feedback will be given to the principal.

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

- Integration of other systems of Health care is not done. But alternative medicine practiced in certain cases where ever applicable.

#### **\* 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?**

- Introduction of Pharm.D, Pharm D.PB, improve clinical pharmacy which is in direct contact with patient health care system. The Pharm.D degree requires classroom and hospital based didactic study (two years didactic post-baccalaureate course), followed by one year of internship training in addition to ongoing practicals and research project. This increases role of students in areas that range from community pharmacies, drug development, fundamental or applied research, biotechnology to areas such as forensic sciences, toxicology, regulatory affairs, clinical analysis, law enforcement (scientific police), drug marketing, regulatory authorities etc.

**These programs Promote;**

- Rational drug therapy by conducting drug utilization reviews, identifying potential prescription-related problems such as drug-drug interactions, duplication of drugs, known allergies, under or overdosing or inappropriate therapy, Prior authorization, Monitoring therapy, Pharmacokinetic dosing of drugs, Quality Assurance programs. Use evidence-based clinical and research data to create disease management programs.
- Evaluate scientific evidence in order to select appropriate drugs for a patient population through a Pharmacy and Therapeutics Committee Design and conduct outcomes based research in order to help patients achieve the desired results from their drug therapy.

## 1.2 Academic Flexibility

### 1.2.1 Furnish the inventory for the following:

#### \* Programs offered on campus

Sl.No.	Name of the course	Year	Current Intake
1	Diploma in Pharmacy	1985	120
2	Bachelor in Pharmacy	1991	100
3	Master in Pharmacy (Pharmaceutical Chemistry)	1999	15
4	Master in Pharmacy (Pharmacology)	2002	15
5	Master in Pharmacy (Pharmaceutics)	2003	15
7	Master in Pharmacy (Quality Assurance)	2009	10
9	Pharm D	2009	30
10	Master in Pharmacy (Pharmaceutical Analysis)	2010	15
11	Pharm D (Post Baccalaureate)	2010	10

#### \* Overseas programs offered on campus

- No. At Krupanidhi College of Pharmacy, we do not offer any overseas programs in the campus.

#### \* Programs available for colleges/students to choose from

- Many programs are available in the campus such as Pharmacy, Nursing, BPT, Pure science and Management courses. Exclusively under Pharmacy division/faculty, the list of program offered is mentioned in section 1.2.1.

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

### a. Core options

- At PG level core subjects such as Pharmaceutical Chemistry, Pharmaceutics, Quality Assurance, Pharmaceutical Analysis and Pharmacology are offered in our institution. At UG level core subjects prescribed by the Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka are followed comprising of Pharmaceutical Chemistry, Pharmaceutics, Pharmacology, Pharmaceutical analysis and Pharmacognosy. The university has designed the curriculum in consultation with subject experts which do help our students to develop skills and improve knowledge for employability.

### b. Elective options

- At UG level elective options are available for 4<sup>th</sup> year B. Pharm students as prescribed by the Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka;
 

Elective I	1) Advanced Industrial Pharmacy
	2) Pharmaceutical Marketing and Management
Elective II	1) Pharmacokinetics and Therapeutic Drug Monitoring
	2) Clinical and Hospital Pharmacy

### c. Bridge course

- Contemplating to start bridge course (B. Pharmacy Practice) for in service diploma holders who have more than four years of work experience.

### d. Enrichment courses

- The curriculum is designed in such a way as to provide enrichment in other subjects including computer science, Indian constitution, statistical analysis, skill development, academic mobility, progression to the higher studies and the college organizes seminars and poster presentation and continual industry interaction through our cell Centre for Pharmaceutical and Professional Advancement (CPPA) headed by Prof. Prakash Mallya. We also promote the students to attend the various events at other colleges in state level and national level.

### e. Credit accumulation and transfer facility

- Credit accumulation and transfer facility are not followed at our institution; we follow academic (annual as well as internal assessment) grading system as prescribed by the Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka.

### f. Courses offered in modular form

- Krupanidhi College of Pharmacy does not offer courses in modular form.

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

Yes; lateral entry is available within the discipline and higher education such as:

- Diploma of Pharmacy (D. Pharm) students can take admission in Bachelor of Pharmacy second year course (lateral Entry).
- Bachelor of Pharmacy students can take admission to Pharm. D 4<sup>th</sup> year course (lateral entry).

### h. Twinning programs

- No; Our institution does not offer facilities for twinning programs.

#### **i. Dual degree programs**

- No; Our institution does not offer facilities for dual degree programs.

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

##### **\* other states,**

- Yes: Through advertisements, consultants, visit to various schools and colleges and apprise them about the course and the Institute facilities.

##### **\* socially and financially backward sections,**

- Yes, bank loans, free seats for merited and rank students. Fee concession, free seats for children of employees.

##### **\* international students?**

- Yes, through consultants, websites, International visits, Government interaction, consulates etc.

#### **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: our institution is self-financing body and hence all the courses offered by the institutions are self-financing. Therefore our institution does not get any aid or financial assistance from the state or central government.
- **Admissions:** As per the guidelines prescribed by AICTE/PCI and Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka.
- **Fee structure:** Management quota and Government quota as fixed by the Government or bodies authorized to do so.
- **Teacher qualification:** As per the guidelines prescribed by AICTE/PCI and Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka.
- **Salary of teaching faculty:** As per 6<sup>th</sup> pay commission prescribed by the AICTE.

#### **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?**

- Our institution does not follow Choice Based Credit System (CBCS) / credit based system. We follow academic (annual as well as internal assessment) grading system as prescribed by the Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka.

#### **1.2.6 What percentage of programs offered by the institution follow:**

- **Annual system:** 100%; as all the programs offered by the institution follows (annual as well as internal assessment) based system of evaluation.
- **Semester system:** Not applicable
- **Trimester system:** Not applicable. We follow academic grading system as prescribed by the Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka.

#### **1.2.7 How does the institution promote multi/inter-disciplinary programs? Name a few programs and comment on their outcome.**

- Our institution does not promote multi/inter-disciplinary programs; it strictly follows

the programs/courses prescribed by the Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka.

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

- Community service and workshops through the NSS cell.
- Special emphasis is given to train the students in reporting ADRs and prescription audit.
- Additional skilled oriented programs, value added courses and seminars within the academic area as well as from the pharmaceutical industry are conducted on regular basis through our cell: Centre for Pharmaceutical and Professional Advancement (CPPA) headed by Prof. Prakash Mallya.

## **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?**

- In order to upgrade the curriculum, we are co-ordinate with University RGUHS, Bangalore, Karnataka. Then collects feedback from various stakeholders and discuss at university level. The university conducts subject wise workshop by inviting respective subject experts to include latest technology, skills and practical hands-on experience make some modification in the curriculum. Based on the feedback received from various colleges our university encourages to conduct additional in-house training programmes, workshops, seminars etc. for the students so as to improve their skills and update themselves to the latest technology make them more employable.
- The curriculum also has included a component of industrial training for stipulated period of time in final B. Pharmacy. Educational tours are organized from our institution to develop interpersonal relationships and to create awareness about the rich heritage and culture of our country.

### **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**

- No multi/inter-disciplinary programs were introduced.
- PhD in Pharmacology

#### **\* programs in emerging areas**

- No

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

- Our institution is co-ordinates with the University to bring about syllabus revision periodically.
- UG: B. Pharm syllabus revision has taken for the academic year 2014-15, more than 50% of the syllabus has under gone revision.
- PG: M. Pharm syllabus revision has taken for the academic year 2013-14, more than

50% of the syllabus has under gone revision.

#### 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?

- Our institution conducts value-added courses under the Centre for Pharmaceutical and Professional Advancement (CPPA) cell headed by Prof. Prakash Mallya.
- Courses offered so far: Intellectual Property Rights, Regulatory Affairs and on the anvil: Pharmacovigilance

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

- Our institution has organizes and conducts different health related through NSS program, health camps (such as dental camp, diabetes camp and general health checkup) in the campus which helps the in and around village population. Some of the activities are listed for year 2014-15 and 2015-16:

##### Activities in Year 2014-2015

Sl.no	Activity	Date	No of Volunteers	Venue
1	Oral hygiene awareness and Dental screening programme on Children's Day	Nov 14, 2014	25	Balagere Village, Govt Primary School, Varthur (H), Bangalore
2	Diabetes Awareness Rally	Nov 14, 2014	400 members: including Teaching, non teaching staff & students (Krupanidhi College of Pharmacy)	Krupanidhi Campus, Gunjur palaya Village, Gunjur village, Varthur (H), Bangalore
3	Participated in Beat Diabetes- walk organized by Lifestyle Group at Kanterava Stadium	Nov 15, 2014	25 Volunteers	Cubbon Park, Bangalore
4	Swanthana- A home for Mentally Challenged Female Children	December 6, 2014	25	Ambedkar Nagar, Sarjapura Road, Bangalore
5	Asha Bhavan Visit	December 6, 2014	25	Carmelaram, Bangalore
6	Patient centered Counseling and Education programme for Tuberculosis Patients in association with the Directly Observed Therapy Short-Course (DOTS) co-ordinator	January 28, 2015	25	Government Taluk Hospital-DOTS Center, Hoskote.

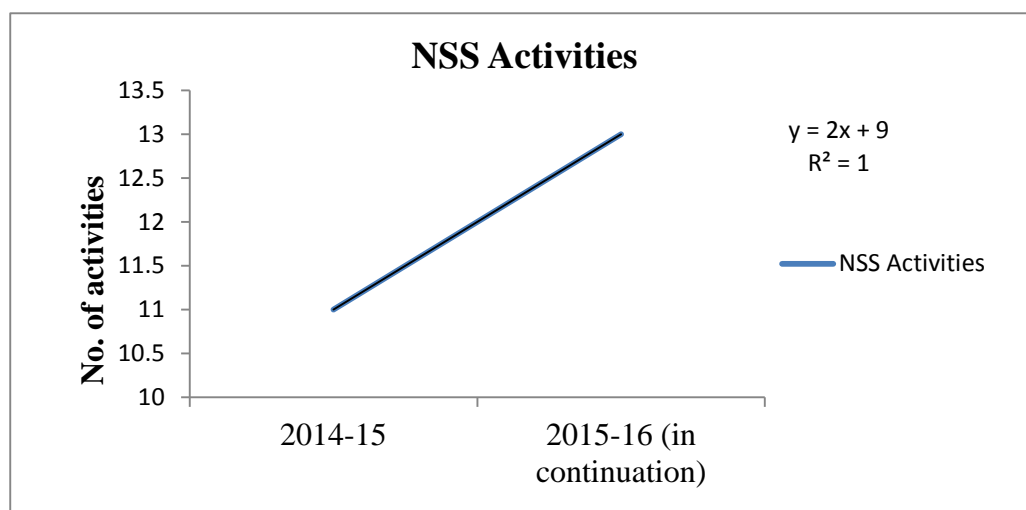


<b>NSS SPECIAL CAMP (16 -21 DECEMBER 2015)</b>				
<b>7</b>	Oral hygiene education and Dental screening Camp	February 16, 2015	100	Renuka High School, Near Kaikondrahalli Lake, Kaikondrahalli, Sarjapura Road, Bangalore
<b>8</b>	Assessment of Self-Medication Practice amongst residents of Kaikondrahalli and Doddakannali area, Bangalore	February 17, 2015	100	Kaikondrahalli Doddakannahalli
<b>9</b>	Cleanliness Drive	February 18 & 19, 2015	100	Kaikondrahalli, Kasavanahalli, Doddakannahalli
<b>10</b>	Plantation	February 20 , 2015	100	Kaikondrahalli, Kasavanahalli School, Doddakannahalli School
<b>11</b>	Mega medical camp- Screening of Diabetes, Hypertension, Eye checkup and cancer Screening	February 21, 2015	100	Kaikondrahalli

#### **Activities in Year 2015-2016**

<b>Sl. No</b>	<b>Activity</b>	<b>Date</b>	<b>Venue</b>	<b>No. of volunteers</b>
<b>1</b>	Counselling for TB Patients in association with the Directly Observed Therapy Short-Course (DOTS) officials	January 28, 2015	Government Taluk Hospital- DOTS Center, Hoskote.	42
<b>2</b>	Oral hygiene and Dental screening Camp	February 16, 2015	Kasavanahalli	46
<b>3</b>	Self-Medication Assessment Survey	February 17, 2015	Kaikondrahalli, Kasavanahalli Public	30
<b>4</b>	Cleanliness Drive	February 18 & 19, 2015	Kaikondrahalli, Kasavanahalli, Junnasandra	40

5	Plantation (150 Plants)	February 20 , 2015	Median of the road - Kaikondrahalli – Sarjapura road, Bangalore	40
6	Mega medical camp- Screening of Diabetes, Hypertension, Eye checkup and cancer Screening	February 21, 2015	Doddakanahalli High School, Bangalore	43
7	Nepal earthquake victims relief programme	April 26 – April 30, 2015	Donated Rs. 5.5 Lakhs: Krupanidhi Institution-Staff, students & Public around Krupanidhi College	45
8	Nepal Earthquake –Camp- Constructed temporary shelters for homeless	21 June 2015	Belkot, Nuwakot (District), Nepal	90
9	Sapling Plantation Programme	22nd July 2015	Gunjur Lake and Krupanidhi Garden)	60
10	Youth Pro Workshop on “Enhancing Student Quality Of Life”	10 September 2015	Krupanidhi College of Pharmacy, Bangalore	44
11	Pharmacist your partner in Mental Health: Collage and Essay writing competition	24 September 2015	Krupanidhi College of Pharmacy, Bangalore	46
12	Blood donation Camp	21 January 2016	Krupanidhi Degree College	58
13	State level seminar on Sarvodaya Sharmadana Movement	21 February 2016	Mahatma Gandhi School, Gottigere	250



### 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?

- Our institution offers specialized training to excel in communication, understand the features in body language, preplacement orientation, CV writing and facing the interview. They all fall under the umbrella of Finishing school.
- From time to time guest lecture from different experts, hand writing experts, mental and IQ improving seminars and cultural events are being organized to inculcate moral, holistic and ethical values in students.
- The college offers Career Counseling for the students from in house faculty and outside the institution experts from various fields which give better options to improve their overall personality.
- In recent mature world, having a fantastic grade in degree is one aspect while the student also needs to acquire an extraordinary personality, right attitude and knowledge of upcoming trends of the market. Keeping these goals in view our college organizes various seminars for the students thereby increases their chances in the global employability.
- Our institution also encourages students to be a part of various community orientated activities organized by the institution and hospital to ensure holistic and service attitude development of students.

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

- Yes: The curriculum provide for adequate emphasis on patient safety, confidentiality, rights and education.

### 1.3.8 Does the curriculum cover additional value systems?

- Yes: The curriculum covers additional value system.

## 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?

- Student feedback forms are incorporated along with the counseling data that is

collected.

- Regular meetings are conducted with class representatives to gather info about the classes taken, performance, course content and interactions.

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

- During the syllabus revision, necessary care is taken by the University and personnel/experts involved to interact with national and international faculty to improvise.

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

- Syllabus/curriculum copies of various affiliated colleges and deemed Universities are collected and immense stress is given by experts to incorporate more practically inclined portions/course content. It benefits the students in long run.

**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?**

- Institution and University takes utmost care to make the entire curricular very dynamic and challenging for the students and the faculty.

**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?**

- Web portal has access for all information parents are periodically informed about their wards performance and attendance.
- The assigned hospital has regular interaction with the faculty and the institution regarding the student's performance and use of various facilities.
- Alumni are regularly in touch. There is a yearly meet and interaction with the existing batch of students. Various research samples and facilities are provided free by them through their resources. They visit the students during various seminars/workshops are apprise the students how to chose a career and succeed in life.
- There is defined appraisal form which helps the management analyze the entire process effectively.

## Criterion –II: Teaching-Learning & Evaluation

### 2.1 Student Enrolment and Profile

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

- Our website is a true mirror image of our institute.
- Advertisements in the leading newspapers.
- Personal visits and orientations in various schools, PU colleges.
- Admission process is totally transparent. It is as per Government norms 80:20 for B. Pharm, 50:50 for Pharm D and M.Pharm.

#### 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).

- Merit plays an important role for selecting a candidate for any of the courses. It is also on first come basis for management seats. In future we have plans to have online tests and selection process. International students are selected through government or through certified consultants. CET and PGCET tests are conducted for UG and PG courses respectively by the government through CET cell and University.

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

- All affiliated colleges must get university's clearance with regard to the eligibility of the student. The seat sharing matrix as stated before is followed strictly. Further the University follows the government order and norms of statutory bodies like AICTE and mainly PCI. We are filling online application for admission provided by the University after that hard copies of the same are submitted to the University for verification within the specified time. After verification University send back the approval copies to the college.

#### 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?

- The student application forms and counseling forms provide complete data of students. This helps to review the student profile. Fee structure and merit is always compared and analyzed with regard to other institutes and Universities. Those selected data help in improvement and make possible to take more relevant, affirmative decisions and changes.

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

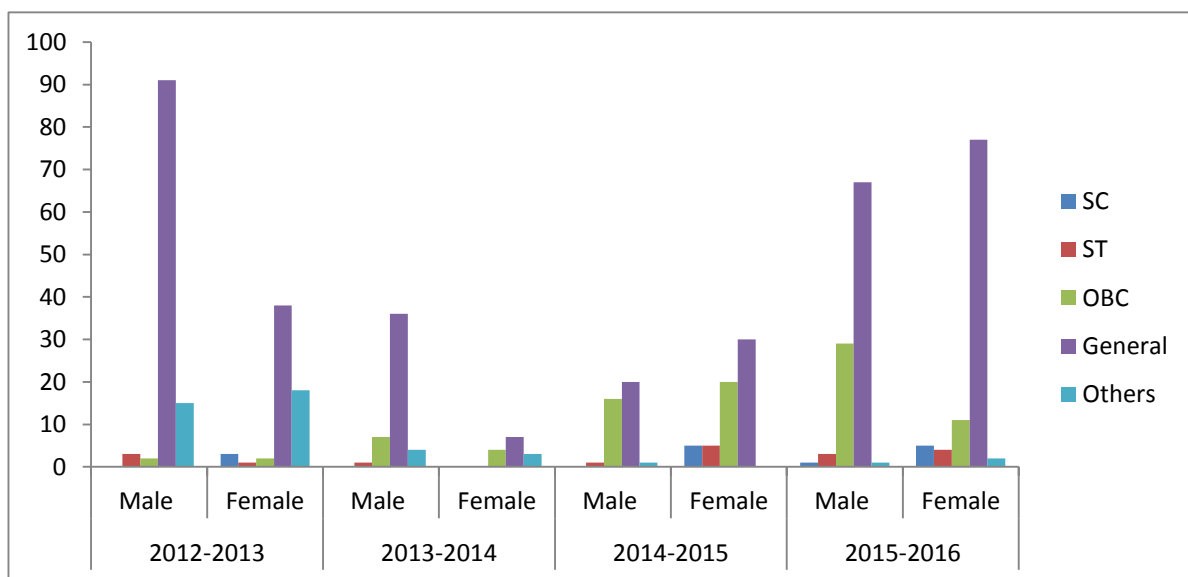
- **SC/ST:** Through Government quota.

- **OBC:** Through Government quota.
- **Women:** Self motivated and keen these days. We have more of women students.
- **Persons with varied disabilities:** Through Government quota.
- **Economically weaker sections:** Through Government quota.
- **Outstanding achievers in sports and other extracurricular activities**
- We do give preference during the selection process.

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

Categories	2012-2013		2013-2014		2014-2015		2015-2016	
	Male	Female	Male	Female	Male	Female	Male	Female
<b>SC</b>	0	03	0	0	0	05	01	05
<b>ST</b>	03	01	01	0	01	05	03	04
<b>OBC</b>	02	02	07	04	16	20	29	11
<b>General</b>	91	38	36	07	20	30	67	77
<b>Others</b>	15	18	04	03	01	0	01	02

**Graphical presentation:**



**Correlation coefficient between male and female (different categories) in year wise data analysis:** The mathematical formula for computing Correlation coefficient ( $r$ ) is:

$$r = \frac{n \sum xy - (\sum x)(\sum y)}{\sqrt{n(\sum x^2) - (\sum x)^2} \sqrt{n(\sum y^2) - (\sum y)^2}}$$



where  $n$  is the number of pairs of data,  $x$  and  $y$  are the variables.

Year	R value
2012-2013	0.952
2013-2014	0.889
2014-2015	0.972
2015-2016	0.946

**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.**

- No

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

- No even though the admissions are bad as numerous colleges have been opened throughout India.

## **2.2 Catering to Student Diversity**

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

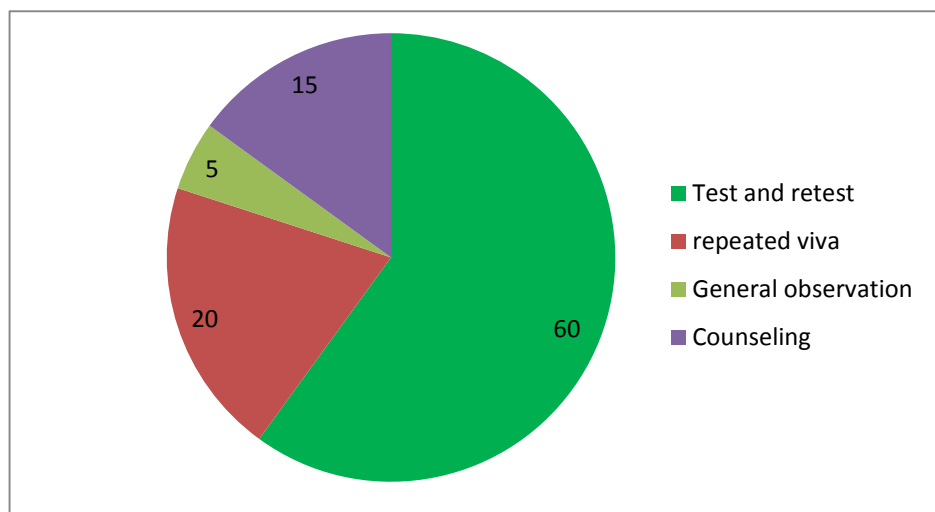
- Yes, the orientation charts are prepared every year and as per that we are conducted classes. The duration for orientation program is 4-5 days. The induction program is weeklong various issues pertaining to course content, activities, job opportunities, personality development are covered. Experts from various relevant fields are invited to deliver a talk. Feedback from the students is taken.

**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?**

- Yes, through mails and one to one interaction with principal and concerned teachers.

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

- Test and re-test, repeated viva and general observations plus counseling.



**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?**

- Extra classes are conducted or during practicals, extra attention is paid to such students.

**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?**

- No.

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

- Yes, Kannada teacher conducts classes on regular basis. Also now it is the part of the B. Pharm curriculum.

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

- Repeated information through student's bulletin board, regular interaction, motivational talks and speeches by experts make them self realize.

**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.**

- They are the integral part of our orientation program. In addition there are foundation courses regularly conducted to inculcate these values.

**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?**

- Uniform dress code and respect for individuals have a big focus.

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

- Only during specialized seminars on such values. They are always motivated to practice yoga/meditation for self discipline.

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

- There is doctor on call and transport along with class teacher accompanies the student with ill health to the hospital.

### **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.?**

- Yes, Always. There are regular group discussions and training measures takes.

## **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**

- Rajiv Gandhi University of Health Sciences publishes academic calendar every year before the commencement of new academic session. The college academic committee (consisting of principal and senior teachers from all the departments) formulates cultural calendar (which contain Sports day, Talent day, Founders day, fresher's day and Graduation day), and then circulate a combined calendar, which is strictly followed.

#### **\* master plan**

- Before the commencement of the new academic session, a department level meeting is held with an agenda "how to improve the drawback of previous academic session" if any course of action for improvement is prepared. The faculty can give preference for the subject of concern. HODs finalize the subjects for the faculty. After finalizing the subject for each faculty, the time table committee prepares the time table based on the number of credits mentioned in the syllabus. The approved time table is displayed on the notice board and circulated to the faculty.

#### **\* teaching and course plan**

- The teaching and course plan for both theory and practical is prepared by respective faculty before the beginning of the academic year and it is approved by the Head of the Department. HODs are responsible for monitoring and tracking its implementation. Teacher's diary is maintained by each faculty and need to fill it every day. At the end of every week, the faculty has to get it signed by the respective HOD's and then by the Principal.

#### **\* rotation plan**

- Not applicable

#### **\* unit plan**

- Not applicable

#### **\* evaluation blue print**

- Review meetings are arranged periodically in the department to review the coverage of syllabus. Wherever, a deviation is observed, the HOD seeks clarification from the respective faculty and special remedial class work is planned. The evaluation procedure

is based on the performance of students in Gurukulum system, where each student has write tests regularly and attains 80% or more in regular class test and their punctuality in the classes. In addition to that sessional exams are conducted (as per RGHUS specifications) on the basis of which, internal assessment marks are sent for each student. The final assessment is done based on the university examination.

\* **outpatient teaching**

- Not applicable

\* **in-patient teaching**

- Not applicable

\* **clinical teaching in other sites**

- Not applicable

\* **teaching in the community**

- Not applicable

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

- Yes, The effectiveness of the process is ensured by the following process:-
- Each faculty makes the course outline by preparing the lesson plan and at the beginning of every academic session; concern teachers discuss lesson plan and assessment schemes with the students. This helps the students to prepare their mindset and can rundown their academic plan accordingly.
- Review is held department wise to evaluate the process and is rectified by taking immediate and appropriate action.
- Evaluation of students- based on their punctuality to class and performance in the examination.
- The students are allowed to speak freely to respective counsellor so that the actual class room difficulties are noted and addressed.

**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.**

- College follows well framed academic calendar and is always able to complete the curriculum in the stipulated time. If needed, all measures are taken to complete syllabus in time through additional classes/efforts.
- In particular instances of 2012-13 and 2013-14 session when the RGUHS has preponed the final examinations by two and one month respectively as per the supreme court verdict of starting the sessional early (1<sup>st</sup> of Aug); the institutional had faced some difficulties in completing the curriculum within the stipulated time frame. In 2015, an annual examination for all the courses has postponed from the stipulated date and during these times the teachers have taken extra classes and had to speed up the completion of the syllabus. There after the things are very much in order and system and curriculum are moving as per the schedule and on time.

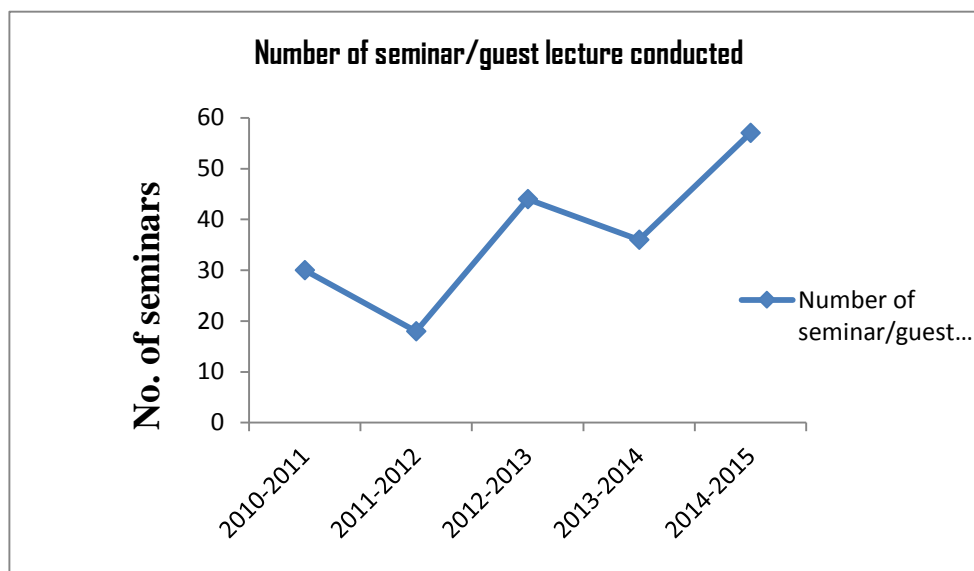
**2.3.4 How is learning made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.**

- College follows various measures for teaching and learning process to make it student- centric:-
- **Teacher’s plan the lectures to provide healthy interaction with students:-**
- Before the beginning of the academic section, each faculty discuss lesson plan and assessment schemes with the students.
- Before starting the lecture for the day, they will recap the previous day’s lecture by interacting with students and followed by lecture. And will spare last few minutes to clarify the doubts and discussing the possible questions which appears in university and competitive examination.
- Slow learners are given remedial classes to make the basics clears.
- **Gurukulam system:** Regular class test are conducted and students has to repeat till they get 80% or more.
- **ICT Method of teaching:-** The classrooms are provided LCD projectors for enabling the students to have improved retentive memory and help them to understand the complex concepts clearly. Experiments and demonstration are done to make the basic thorough.
- **Wi-Fi campus:** The campus is enabled with Wi-Fi, with secure access available to staffs and students.
- **Utilization of library books:** Well established library facilities with vast number of books, magazines, journals, e- journals with multiple copies are recent advancement and advantage for updating knowledge. About 33 research journals and 7793 numbers of book titles are available. Apart from that there is also having HELINET facility by the Rajiv Gandhi University, Bangalore for identifying, procuring, storing, processing, disseminating the scholarly information resources like e-journals, e-books in the field of health sciences.
- **Guest lecture** from eminent personalities (by nationally and internationally acclaimed guest faculty, experienced industry persons) are conducted every month. This helps the students to interact with them and clarify the doubts. This also helps them to update with recent advancements.
- **Finishing School:** This is conducted to sharpen the soft skills. This helps them to face challenges in their career and social life.
- **Industrial Visit:** Students are taken for industrial visit, this helps them to apply and understand more clearly what they have studied in the theory.
- **Tutorial Classes:** Slow learners will be identified and will be given special care.
- **Journal Clubs:** It is conducted in any one of the Saturday in a month. Both students and faculties participate in it, one person (either a faculty or student) take an article and present it and the article is critical evaluated. This helps the students to select their research topic.
- Excellent ambience that encourages creativity and participation in a variety of social, co-curricular and extra-curricular activities, thereby nurturing talent in a disciplined atmosphere.

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

- Periodically college organizes Guest Lectures / Seminars by prominent personalities from Industries and Organizations and it is listed out in the following table:

Year	Number of seminar/guest lecture conducted
2010-2011	30
2011-2012	18
2012-2013	44
2013-2014	36
2014-2015	57



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

- Yes, College is having following e-learning resources:-
- ICT method of education
- Computer lab with internet facility
- E-books and e-journals are available.
- Also using HELINET facility by the Rajiv Gandhi University, Bangalore for retrieving resources from e-journals, e-books in the field of health sciences.
- Many pharmacology practical in under graduate level is done in virtual lab.

### 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?

- Technologies and facilities followed are:-
- ICT method of education
- Computer lab with internet facility
- E-books and e-journals are available.
- Also using HELINET facility by the Rajiv Gandhi University, Bangalore for retrieving resources from e-journals, e-books in the field of health sciences.
- Many pharmacology practical for under graduate level is done in virtual lab.

### 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 its benefits in the institution's educational processes?



- No

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

- The college has few steps for the transition from traditional classrooms into an e-learning environment:-
- Adopted ICT method.
- Virtual labs.
- Online attendance and mark entry record
- The entire campus is Wi-Fi enabled.

### **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.**

- Each faculty has been assigned 20 students each and they need to take care of them. And they give guidance for academic, personal.
- **Academic**
- Slow learners are asked for their difficulties in studies and teachers will take remedial classes.
- Students who are irregular to class are asked for their reason for absence and they are given necessary advice. If they are not following the same, then a parent is informed about it.
- Students are free to report any difficulties in learning to their respective counsellors and they take necessary steps to rectify it.
- **Personal**
- The students can approach either the counsellor or respective class teachers if have any personal difficulties.
- The students who have language difficulties (English) in are given special training twice a week.
- **Psycho-social**
- Students come from different countries with ethnic backgrounds and different languages admitted into our college, initially they used to face various problems and they are free to discuss with their counsellor or class teachers.

### **2.3.11 Were any innovative teaching approaches/methods/practices adopted and 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?**

- Yes, Various approaches were followed
- Implementation of ICT method- has encouraged the faculty to use projector, and to carry out demonstration classes
- Finishing schools and soft skill development programmes.
- Interaction sessions: guest lectures are given by experts from industries and foreign university and boards.
- Faculty members are appreciated to

- a. Carry out research activity and PhD
- b. Attend seminars/ conference and workshops and provides entire financial and travel support for attending conferences within and outside the country.

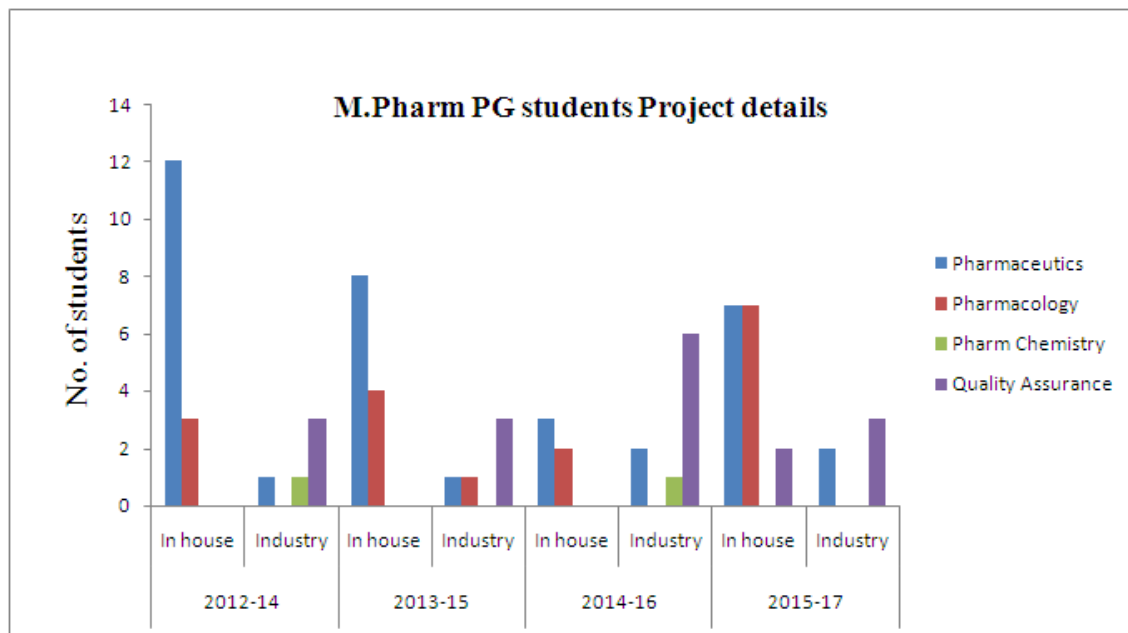
### 2.3.12 How does the institution create a culture of instilling and nurturing creativity and scientific temper among the learners?

- Various measures are taken to instilling and nurturing creativity:-
  - ✓ Students are encouraged to participate in seminars, conferences and workshop.
  - ✓ Various committees are there where they can express talents.
  - ✓ Sports and talent day are also conducted to groom the talent and creativity.
  - ✓ Finishing schools are conducted to brush up their soft skills.
  - ✓ Department level newsletters are released.
  - ✓ The students are given an opportunity to work in the research labs for their final year projects.
  - ✓ It is compulsory for the PG students to publish the research work in a reputed journal.
  - ✓ To encourage in their co curricular interest are allowed to participate in various cultural fest.

### 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?

- Yes, student projects are mandatory for the M. Pharm and Pharm D students by the University. Short term projects are given by the teachers in association with the industry or self generated for overall development of the student.
- **number of projects executed within the institution**

Department	2012-14		2013-15		2014-16		2015-17	
	In house	Industry	In house	Industry	In house	Industry	In house	Industry
Pharmaceutics	12	01	08	01	03	02	07	02
Pharmacology	03	00	04	01	02	00	07	00
Pharm Chemistry	00	01	00	00	00	01	00	00
Quality Assurance	00	03	00	03	00	06	02	03



Average students for in house projects: 5.33 Nos.

Average students for industry projects: 2.18 Nos.

By using formula:

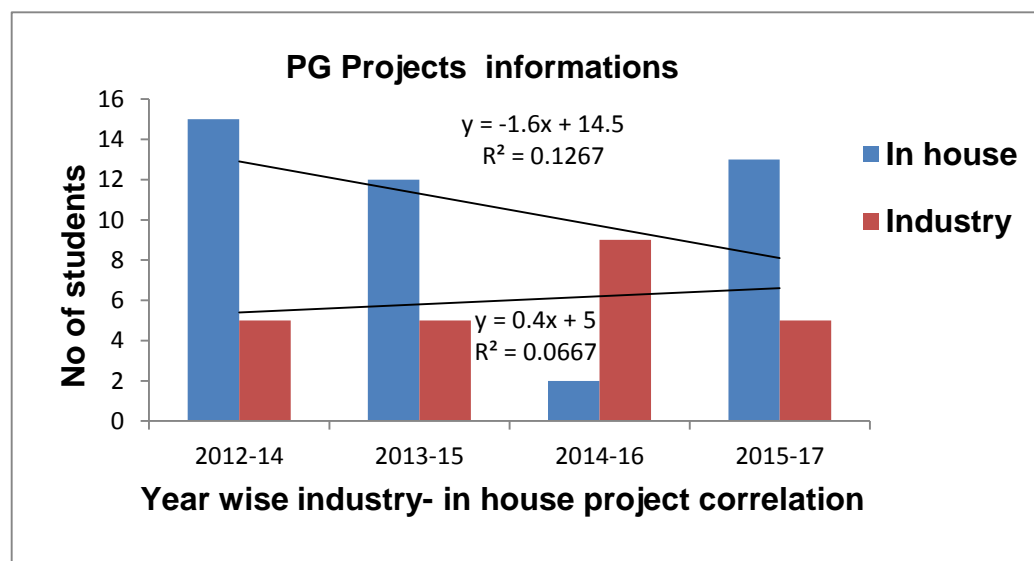
$$\bar{x} = \frac{\sum x}{N}$$

Here,

$\sum$ , represents the summation

$\mathbf{X}$ , represents scores

$\mathbf{N}$ , represents number of scores.



- **names of external institutions for student project work**
- All the PG students have to mandatorily do a research project of one year as a requirement of the curriculum. These projects can either be carried out at the institution under the supervision of the research guide or it can be done outside in collaboration with some industry as a joint project. Some of the places where the M. Pharm students have worked for their projects are:
  - Green Chem. Pvt. Ltd.
  - R L Fine Chemicals Pvt. Ltd.,
  - Bangalore, Micro Advanced Research Center, Microlabs ltd, Bangalore,
  - Natural Remedies Bangalore,
  - Lake Chemicals Bangalore
  - Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, Bangalore
  - Karnataka Antibiotic and Pharmaceutical ltd, Bangalore
  - Strides Acrolab, Bangalore
  - Wipro Pvt Ltd., Sarjapura, Bangalore
- **role of faculty in facilitating such projects**
- As per the university norms, all PG projects are carried out under the primary supervision of full time faculty of the college.
- The project guide provides necessary guidance and motivation in selecting and pursuing the project work.
- The chosen topic is evaluated (for the relevance and originality) by the project review committee of the respective department.
- The progress of the work is done by review committee through periodic reviews.
- In the case of industrial projects, the faculty member who acts as the primary guide also interacts with the industry concerned for necessary inputs and for providing appropriate guidance.

**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?**

- Yes, College has 41 efficient teachers, of which 10 faculty members are with Ph.D qualification and 8 faculty members are pursuing Ph.D. program. If there is any short fall, the management will try to make an immediate solution by hiring a new person. The hiring process is carried out by demo class for the students and it will be evaluated by the panel (consisting of Principal and HODs) and students. This helps the management to select an efficient candidate.

**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?**

- Each faculty is provided with a computer and internet facility, which they can utilize for making computer-assisted teaching material.
- The campus is Wi-Fi enabled
- They are also provided with the access to e –books and journals.

**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?**

- Yes, Feedback from students in the form of questionnaire is used as an effective mechanism for enhancement in quality of our teacher's performance. The questionnaire's including:
  - i. General behaviour of the faculty
  - ii. Love and compassion towards students
  - iii. Patience in dealing with students
  - iv. Approach for clearing doubts
  - v. Support in co-curricular and extracurricular activities
  - vi. Whether conducts extra classes/discussions other than the regular class
  - vii. Care for slow learners
  - viii. Inspiration/motivation as a teacher
  - ix. Sequential flow of lecture
  - x. Clarity of presentation
  - xi. Use of teaching tools
  - xii. Subject content in the lecture
  - xiii. Confidence in lecture
  - xiv. Conduct of class test/assignment
  - xv. Course coverage till date
  - xvi. Whether utilizes class hour completely for lecture, discussion, seminar etc.

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

- Not applicable

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

- **ICT enabled flexible teaching system.**
- Yes, College has encouraged the faculty to use projector, and to carry out demonstration classes.
  - \* **Reflective learning.**  
No.
  - \* **Simulations.**
- Yes, many pharmacology practical for under graduate level is done in virtual lab. Theory portions are made thorough by making the students do the practical.
  - \* **Evidence based medicine.**  
Not applicable
  - \* **Emphasis on development of required skills, adequate knowledge and appropriate attitude to practice medicine.**
- Yes, Students are sent for rounds with doctors and also made them to do case studies.
  - \* **Problem based learning (PBL).**
- Yes, Like students of Pharm D on clinical rounds are given case studies and are encouraged to solve them. The direct problems arising from drug information centre are also first handed over to the students to solve. This way Students learn both thinking strategies and domain knowledge. Our goals of PBL are to help the students develop flexible knowledge, effective problem solving skills, self-directed learning, effective collaboration skills and intrinsic motivation.
  - \* **Student assisted teaching (SAT).**

- Yes, Students are given seminars for specific topic. Debates and group decision are conducted.
  - \* **Self directed learning and skills development (SDL).**
- Yes, Students are given assignment, mini projects and poster making for few curriculum topics. It is made compulsory for the PG students to publish the research work in a reputed journal. SDL develops the ability to set goals, plan for achievement, independently manage time & effort and independently assess the quality of one's learning and any resulting product.
  - \* **Narrative based medicine.**
- Not applicable
  - \* **Medical humanities.**
- Not applicable
  - \* **Drug and poison information assistance centre.**
- Yes, the DIC is a rotation site for students to complete their required advanced pharmacy practice experience in drug information. During the rotation, student pharmacists become competent in data retrieval, literature evaluation, and written and oral communication skills. They respond to inquiries from health care professionals regarding contemporary therapeutic regimens in humans and animals.

**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 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?**

- Not applicable

**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, we have a Pharmacovigilance centre, which is termed as Drug Information Centre (DIC) which has been set up by our institution at MVJ hospital. We have a tie up at MVJ hospital for our Pharm D related hospital requirements.



- The DIC is a rotation site for students to complete their required advanced pharmacy practice experience in drug information. During the rotation, student pharmacists become competent in data retrieval, literature evaluation, and written and oral communication skills. They respond to inquiries from health care professionals regarding contemporary therapeutic regimens in humans and animals. The activities of DIC will be monitored by senior physicians and well-trained clinical pharmacists. The centre provide information regarding drug interactions, side effects and other drug enquiries to pharmacists, physicians, nurses, and other allied health care professionals. The DIC routinely responds to requests regarding appropriate therapy for specific patients, adverse reactions to drugs, efficacy of drugs, intravenous additive incompatibilities, biopharmaceutical and pharmacokinetic parameters of drugs, information on new drugs, etc. The services of the centre are also open for the general public and patients.
- Some of the objectives of the centre include;
- To serve the health professions community by answering drug-related questions
- To provide a learning centre for student pharmacists and residents, and other health sciences students in drug information skills
- To promote the profession of pharmacy and other health related professions

### **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).**

- Generally laboratories are conducted in the morning hours till lunch for 4 hours for Pharm D and M. Pharm students. Before practical starts, class tests are conducted for one hour everyday whenever practical classes are there. Same way, for B. Pharm and D. Pharm, practicals are conducted post lunch session for 4 hours.
- **Student staff ratio in the laboratories / diagnostics.**  
Not applicable

**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?**

- Not applicable

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

- Not applicable

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

- Yes, the PG course is for 2 years, one year full is theory and practical basis. Second year is fully dedicated to thesis. First year the students are given seminars,

assignments and made to review the research articles. First year onwards each teachers will be given at least two students and they take care of their progress. Second year, students fully involved in thesis work and they need to publish a research articles for their thesis. Before the commencement of the project students need to present their research topic and given approved by the research committee and frequent evaluation will be done to know the progress of the project.

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

- \* **Number of didactic lectures**
- \* **Number of students in each batch**
- \* **Number of rotations**
- \* **Details of student case study / drug study**
- \* **Nursing Care Conference (NCC)**
- \* **Number of medical / dental procedures that the students get to see**
- \* **Mannequins / Simulation / skills laboratory for student teaching**
- \* **Number of students inside the operation rooms at a given time**
- \* **Average number of procedures in the Ors per week, month and year**
- \* **Autopsy / Post-mortem facility**
- Not applicable

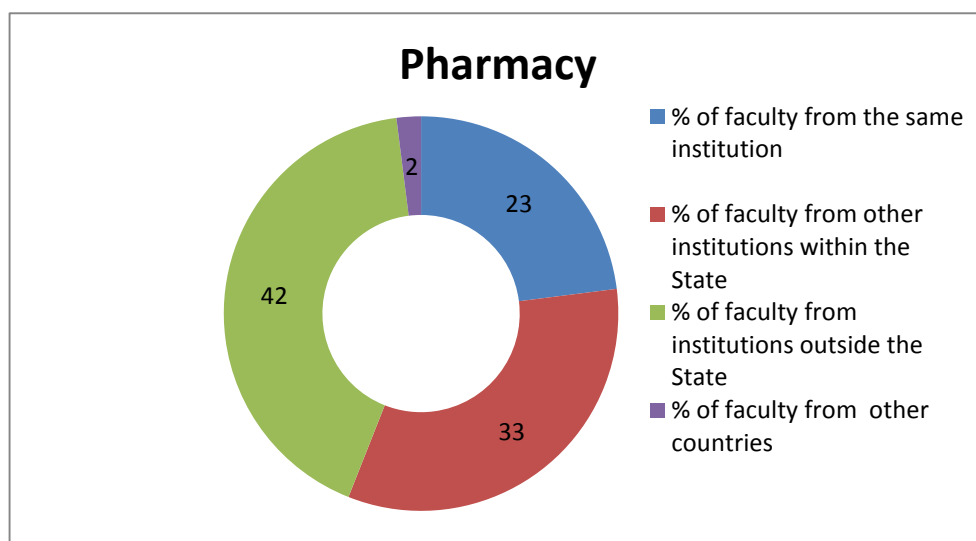
**2.4 Teacher Quality**

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

- Through orientation, frequent discussions and brain storming sessions. They are also seat to University and other colleges for up gradation and exposure.

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

<b>Department</b>	<b>% of faculty from the same institution</b>	<b>% of faculty from other institutions within the State</b>	<b>% of faculty from institutions outside the State</b>	<b>% of faculty from other countries</b>
Pharmacy	23	33	42	02



**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?**

- Teachers resume is thoroughly scrutinized. They are called for demo lecture and selected by the expert panel. For subjects like Kannada, Math and biology, additional faculty is sought for part time teaching.

Programs	Faculty members			
	2011-2012	2012-2013	2013-2014	2014-2015
<b>Mathematics</b>	01	01	01	01
<b>Biology</b>	01	01	01	01
<b>Kannada</b>	Nil	01	01	01
<b>Computer</b>	Nil	01	01	01

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

- We have Dr. M.D. Karvekar as Professor. Emeritus in the Dept of Pharmaceutical chemistry and many visiting professors who come for guest lectures.

**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.)**

- Teachers are encouraged to attend and participate in Quality improvement programmes.
- Teachers are financially supported for attending conferences.
- Teachers are actively involved in organizing many seminars, workshops and recreation activities.

**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?**

- Our Teachers are receiving many awards and acclaims form various prestigious bodies throughout the academic session. We bagged recently one Young Pharmacy teacher award-2016, by Association of Pharmacy Professionals. Many of the teaching faculties received best oral presentation awards and guest lecture calls.

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

Programs	Faculty members			
	2011-2012	2012-2013	2013-2014	2014-2015
Induction programs	01	02	02	04
Re-orientation programs	01	01	01	02
Refresher courses	01	01	01	02
Capacity building programs	01	01	01	01
Programs by regulatory / apex bodies	01	02	02	04

**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?**

- This is a regular exercise. Both in house and from outer faculty and experts academic development programs are organized.

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

- Faculty retention is by creating a very healthy and interactive work culture. There are flexibility for research and doing further studies for the faculty members.

**2.4.10 Does the institution have a mechanism to encourage**

- \* **mobility of faculty between institutions /universities for teaching/research?**
- \* **faculty exchange programs with national and international bodies?**
- \* **If yes, how have these schemes helped in enriching the quality of the faculty?**
- Yes, the vision of the faculty has become broad. They look more focused and determined in setting up and achieving their targets.

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

- There is appraisal by the students, self and superiors for their career advancement within the institute.

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

- Not applicable

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

- Yoga, Meditation and various other relaxation techniques are practiced.

### **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 Rajiv Gandhi University of Health Sciences has clearly described the evaluation processes (University exams and sessional exams) in the syllabus issued by it. The college has copies of the same in its library which can be easily accessed by the students.
- The college website also provides details of the above- mentioned evaluation process which can be accessed by all the stakeholders (students, teachers and parents).
- Any changes in the evaluation processes are notified by the universities to all its constituent colleges by post as well as displayed on its website. The same is communicated to all the staff and students via circulars and display on the notice boards.
- The internal exams (sessional) are held periodically. The sessional committee prepares the time table, invigilation duties and seating arrangements for the students. This information is also communicated to all the staff and students via circulars and display on the notice boards.
- The university prescribed syllabus is divided into portions for each sessional. The concerned subject teachers prepare the question banks for their respective subjects. The question banks are then distributed amongst the students at the beginning of the session. The pattern of the sessional question paper is an abridged version of the university exam question paper. Consequently, the sessional paper is also divided into long essay questions, short essay questions and short answer questions. This information is also clearly explained to the students by the teachers.
- The university periodically announces the exam dates and time-table which is communicated to all the staff and students via circulars and display on the notice boards.
- The university exam results of students are announced by the university on their website. The students can type in their register number and other details to view the same.
- The university exam report cards of the students are issued by the university to the college which is then given to the students.
- For the sessionals, the corrected sessional booklets are circulated by the subject teacher amongst the students. If there are any corrections, they are incorporated and the marks are shown to the students.
- The periodic sessional assessment of the students is also communicated to their parents/guardians via post/ email.
- The average sessional marks are shown to the students; their signatures are taken before sending to them to the university via internet.

- On the university website, the students/parents/teachers can see the sessional marks sent to the university (once it is uploaded by the university).

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

- Candidates have provision to look at their IA scripts and request for rectification of any errors in evaluation.
- The University carries out the reforms proposed at the meetings of the Board of Studies and Board of Examination. The University has made following reforms in relation to the evaluation process:
  - Multiple sets of question paper are set on each subject by different examiners
  - Scrutiny of question papers is done by a senior examiner who is expert in that subject.
  - The question paper is accessed only on the day of the examination by the Chief Superintendent of the examination centre through a confidential password.
  - Among the reform measures taken up by the Rajiv Gandhi University of Health Sciences (RGUHS) are the introduction of Radio Frequency Identification (RFID) on answer scripts and degree certificates and making applications for examinations and re-totalling available online.
  - All answer books are coded and valued independently.
  - In cases where the difference of marks awarded by the two examiners is more than 09 marks, the same is sent for third valuation.
  - Previously, at the undergraduate level, three evaluations would be conducted and the average of the nearest two scores was considered. Now, the average of the best two scores in the evaluation is considered. Similarly, at the post graduation level, five evaluations were conducted and the average of the nearest four scores was considered. From 2012, the average of the best of four is considered.
  - Earlier students would fail because of a narrow margin of one or two marks. This evaluation method has helped the university help the students in a legal and logical manner
  - Valuation of university exam (Practical):
    - Valuation of each answer script by two examiners (double evaluation) one internal and one external. In 2015, online valuation started for all the pharmacy courses by the University with allotted few valuation centres in Karnataka in that our college is one of the valuation centre.
    - The marks are entered online on the university website on the same day of the practical examination in the presence of the internal and external examiners
    - Application for retotalling and development of question bank.
    - The pattern of questions in the university is modified as per the suggestions of Academicians. There is provision for students for re-totalling and re-evaluation at the University level.

**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 average time taken by the University for Declaration of examination results is 3-4 months. The students can check their results on the university website.



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

- The college internal examination time table is displayed on the notice board.
- The college internal examinations are held under invigilation by the teachers.
- After the evaluation of the answer papers in the College internal examinations, the students are shown the papers to ensure proper evaluation. At the end of the year, the averages internal marks (average of the best two internals) are shown to the students, which they sign upon confirmation of their marks.
- There is a sessional committee to supervise the internal exams.
- The Principal ensures the sessional exams are held smoothly.
- Any grievance of the student is sorted out by the Principal.

#### **2.5.5 What are the rigorous features introduced by the university to ensure confidentiality in the conduct of the examinations?**

- The question paper of the university theory exam is accessed and downloaded 30 minutes prior to the commencement of exam by the Chief Superintendent in presence of the observer.
- The institution follows the guidelines set by RGUHS for conducting annual theory examinations.
- CCTV cameras are set up in the examination hall.
- University appoints an observer to supervise the examination process.
- Apart from this a flying squad visits the exam centre.
- The answer scripts are submitted to university each day after the completion of respective exam.

#### **Valuation**

- Earlier the university exam answer booklets are coded in the university to ensure confidentiality. Recently in 2015, theory paper valuation converted computer based from the manual one. Each and every copy of the answer booklets are scanned and uploaded in the website of RGUHS and further distributed with their special software to different allotted valuation centers in that our college is one of the allotted centre for online valuation in that our college is one of the valuation centre.
- The theory and practical examination marks are entered online and the signature of the evaluators are taken on the hard copy, which is counter- signed by the Chief Superintendent.

#### **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.**

- Yes the institution has integrated examination platform for pre examination process in accordance with the RGUHS regulations and norms.
- Time Table is sent by the university and displayed in the notice board.
- The students' examination fees are collected by the college and remitted to the university by challan system adopted by the RGUHS.

- Hall ticket is approved by the university and issued by the chief superintendent for theory examination.
- Student list is generated, approved by university and given to chief superintendent.
- Invigilators and room superintendent are appointed for conducting and supervision of exams.
- An observer is appointed by the university to oversee the entire examination process.
- Flying squad is sent from the university to curb malpractice.
- Question paper is downloaded online 30 minutes before the exam and copies are made as per QP code and given at the start of exam.
- Any corrections in the question paper are also informed immediately online.
- The invigilators diary and consolidated attendance report is prepared, signed by the invigilators and checked and counter-signed by the room –superintendent.
- The answer scripts are properly put in a bundle on which exam details are mentioned.
- The bundles are sent to the university on the same day.
- \* **Examination process – Examination material management, logistics, etc.**
- Examination process involves receiving and handling examination materials from RGUHS University.
- Seating arrangements, downloading question paper, making copies of it according to the number of students, distribution of question papers, proper packing up of answer, scripts and other logistics, such as capture of attendance and verification with number of answer scripts, documentation of invigilation and other exam related process.
- The University exams are conducted in examination halls with CCTV in each hall and the activities are monitored in the chief superintendent’s office.
- The CD of the filmed proceeding of the exams is sent to the university.
- \* **Post-examination process – Attendance capture, OMR-based exam result, auto processing, result processing, certification, etc.**
- Post examination involves coding of answer script which is done at RGUHS.
- Chief Superintendent appoints custodian and coordinators to carry out post examination evaluation process.
- The coded answer scripts are received from the university.
- First valuation is done. Marks are entered online and the scripts are sent for second valuation to the next centre. Similarly, the college gets first valuated answer scripts from other centers for second valuation. Thereafter the scripts found with a difference of more than 09 marks scripts are sent to another center for third valuation after receiving the list of scripts with difference of marks from the university.
- Processing of results, preparation of ledger, result sheet and marks card of each student with certification of class/grade awarded, announcement of result, re-totalling, convocation, degree awarding, etc. is carried out at the level of RGUHS University.

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

- RGUHS from time to time has brought in several reforms in the process of evaluation.
- The college provides feedback to the university from time to time on evaluation process based on the system adopted by other universities / colleges.
- Feedback from students and parents is taken from time to time.

- Feedback from senior faculty who visits other universities / colleges for evaluation is also taken
- Major evaluation reforms adopted by RGUHS very recently is the digital evaluation system and online delivery of question paper.
- Online entry of marks after theory evaluation and practical examination. This has speeded up the overall evaluation process and also publication of results.

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

- The students can meet the concerned subject teacher for redressal of grievances regarding internal exams.
- At the University level, students can apply for re-totaling and re-valuation. The students can avail photo copy of their answer sheet. They can submit applications to the university Registrar through the Principal if they have any grievances with regard to evaluation.

**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 institution follows the guidelines issued by RGUHS.
- It follows the prescribed procedure for taking cognizance of examination malpractice by students, faculty and non-teaching staff.

**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.**

- The evaluation department of RGUHS takes care of the following :
- Preparing list of students appearing for the exams.
- Printing of hall tickets, compiling question papers, providing answer scripts and other stationery for the examination.
- Maintaining an online internal assessment server, online university examination marks server.
- Issuing hall tickets to the colleges.
- Appointing examiners, sending letters to the examiners concerning their duty schedule.
- Appointing Observers and flying squads.
- Announcing results online, sending hard copy of the results to the colleges.
- Preparing merit list of the students.
- A significant effort is that the RGUHS has made the entry of marks online. This has reduced the time for announcement of results.

**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 RGUHS has clearly stated the education objectives and outcome for each subject in the syllabus.
- The students and staff are made aware of the learning outcomes through induction programs at the beginning of the session and it is also stated in the syllabus.

- \* **Balance between formative and summative assessments.**
  - Formative assessments include: Tutorials (class tests), which are conducted every week in every subject based on the question bank given to the students.
  - Regular viva and pre- sessional tests are also conducted.
  - The students are also encouraged to group participate in Quiz, seminar presentations and case presentations as part of their formative assessments.
  - Lab record maintenance and updating is also part of students' formative assessments.
  - Summative assessment is done at the end of the session by conducting pre – annual examination, which is modeled on university exam. Here, the pattern of the question paper and duration of the examination is same as that of the actual university exams.
  - Then, the students give the university examinations.
- \* **Increasing objectivity in formative assessments.**
  - Objectivity is maintained in the process of formative assessment by giving similar pattern of question paper and marking scheme as that of RGUHS.
- \* **Formative (theory / orals / clinical / practical) internal assessment; choice based credit system; grading / marking.**
  - The college follows the scheme of internal examinations as prescribed by RGUHS.
  - The internal examinations (Theory and Practical) have maximum allotted marks of 30 each.
  - The Theory internal exams are based on the university exam pattern: Duration 1.5 hours
- \* **Summative (theory / orals / clinical / practical).**
  - University examination is conducted as per RGUHS regulation.
  - Theory exams are conducted as per the scheme of examination mentioned in the syllabus:
    - Duration: 3 hours.
    - Maximum marks:70
      - A) Long essay- 20 marks ( answer any two out of three)
      - B) Short essay- 60 marks (answer any three out of four)
      - C) Short answer – 05 marks (answer all five)
  - Practical examination is also based on the RGUHS pattern mentioned in the syllabus:
    - ✓ Duration: 4 hours
    - ✓ Synopsis
    - ✓ Major experiment
    - ✓ Minor experiment
    - ✓ Viva voce
- \* **Theory – structure and setting of question papers – Essays, long answers, shorts answers and MCQs etc. Questions bank and Key answers.**
  - The Theory internal exams are based on the university exam pattern:
    - A) Long essay- 10 marks ( answer any one out of two)
    - B) Short essay- 15 marks (answer any three out of four)
    - C) Short answer – 5 marks (answer all five)
  - The scheme for practical internal exam is also prescribed by the RGUHS:
    - Duration: 4 hours
      - ✓ Synopsis

- ✓ Major experiment
  - ✓ Minor experiment
  - ✓ Viva voce
  - ✓ Marks for Lab record and regularity
  - ✓ University examination is conducted as per RGUHS regulation.
- Theory exams are conducted as per the scheme of examination mentioned in the syllabus
- Maximum marks:70
  - ✓ Long essay- 20 marks ( answer any two out of three)
  - ✓ Short essay- 60 marks (answer any three out of four)
  - ✓ Short answer – 05 marks (answer all five)
- Practical examination is also based on the RGUHS pattern mentioned in the syllabus:
  - ✓ Duration: 4 hours.
  - ✓ Synopsis
  - ✓ Major experiment
  - ✓ Minor experiment
  - ✓ Viva voce
- \* **Objective Structured Clinical Examination (OSCE).**
- As of now, RGUHS has not given guidelines regarding OSCE in Pharmacy subjects.
- \* **Objective Structured Practical Examination (OSPE).**
- As of now, RGUHS has not given guidelines regarding OSPE in Pharmacy subjects.
- \* **Any other:**
- The conventional practical examination system is followed where students are given one major and one minor experiment to solve. Synopsis and Viva voce are also conducted.

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

- The institution follows the guidelines set by RGUHS University for conducting examination.
- CCTV cameras are set up in the examination hall. University appoints an observer to supervise the examination process.
- A flying squad visits the exam centre.
- The practical examination marks are entered online and the scripts are submitted to university each day after the completion of respective speciality exam.
- Malpractice cases are dealt at university level by the malpractice committee and as per the policies of RGUHS.

### **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?**

- YES, Our Graduate Attributes represents our collective commitment to creating and sustaining an outstanding and distinctive learning environment for all our students.
- We provide a learning environment that stimulates students to be:
  - ✓ Knowledgeable
  - ✓ Proactive
  - ✓ Creative
  - ✓ Responsible

- ✓ Collaborative
- ✓ Articulate

### KNOWLEDGEABLE

- High levels of competence within their own areas of expertise; a developed capacity for critical thinking within their discipline; a demonstrated capacity to bring their discipline knowledge to bear on real world problems and challenges; confidence in applying disciplinary knowledge

### PROACTIVE

- Confidence to take action and initiative across a range of domains; a commitment to active, lifelong development of their own skills and learning; the ambition to make a positive difference; active use of data and research to drive improvements and positive change.

### CREATIVE

- A drive to discover, to develop, to invent, to create and to innovate; an orientation towards innovation; a capacity to see new possibilities and opportunities, and to act on them; resilience and inventiveness.

### RESPONSIBLE

- Adopting a responsible, civically aware and engaged approach to their actions and decisions at work and in society; exploring issues of corporate and social responsibility, ethical practice and sustainability; adopting a global perspective, recognizing both the local and global impact of decisions and actions; being personally and professionally responsible, orientated towards making substantial and positive contributions to society.

### COLLABORATIVE

- Commitment to collaboration or to achieving collaboration among others; proficiency in working with others; a demonstrated capacity to operate effectively as valuable members of networks, groups and teams; a capacity for working with non-experts in order to maximize the contribution of their own discipline.

### ARTICULATE

- Competence in conveying ideas clearly, effectively and professionally to a range of different stakeholders and audiences, and within different cultural frameworks and settings; skill, versatility and influential effect in written, verbal and digital communication; a recognition of the value of communicating in more than one language.

### **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 Institution aims to help students to reach their potential through the provision of a supportive, vibrant and challenging learning environment. The entire staff is involved in the construction of such an environment. The College is committed in creating an environment where students are supported with teaching, learning assessment strategies from the first step of admission with the student till the student completes his graduation with convocation.
- Our college strategies to facilitate the learning outcomes are:
  - Class room teaching
  - Practical sessions
  - Sessional examinations



- Tutorial hours
- Additional/ Preparatory examination
- Counseling session for students.
- Remedial session.
- Extra classes & Tests
- The faculty members take care to design their teaching schedule/ lesson plan for timely completion of curriculum and other related activities.
- The academic monitoring committee/ Class teacher reviews periodically the timely completion of curriculum and other academic activities.
- The faculty put all round efforts to equip learners with knowledge, skills and behavior.
- Students are frequently exposed to co-curricular activities like arranging industrial visits, guest lecturers of industrial experts and project work to complement the achievement of learning outcomes.
- Students are frequently exposed to soft skills and employability skills by arranging lectures on personality development and communication skills.
- The college is very keen in completing various assignments, class tests and sessional examinations as per the needs of the curriculum.
- Students are motivated and inspired to undergo training for the completion of various projects of industrial importance assigned to them.
- Students have been given academic flexibility to participate in collaborative projects of interdisciplinary nature.
- To equip students with employability skills, post graduate students are also motivated and encouraged to undertake quality projects of industrial relevance to publish their research finding in reputed national and international journals.

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

- The Institution's teaching learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes by:-
  - ✓ Identifying own learning needs.
  - ✓ Setting own learning goals.
  - ✓ Evaluating the quality of work during implementation.
  - ✓ Critically evaluating the work after implementation.
  - ✓ Determining criteria to apply to one own work.

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

- Assessment of student learning outcomes is the main component of our institution. Faculty members work within their disciplines to evaluate the educational impact of academic programs, and use this information to achieve the learning outcomes.
- College seeks regular feedback from the students about the difficulties faced during the learning process through counseling process.
- College has alumni association and many of our alumni are working in the industrial sectors and they give regular feedback about the employability skills.
- College makes consistent efforts to bring industry-institution interaction about the industrial requirement and the curriculum gap.

## **CRITERION –III: RESEARCH, CONSULTANCY & 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, there is an institutional Research Committee which monitors and addresses issues related several research projects and grants. The composition of the committee members are as follows:
- Co-ordinator: **Prof. Dr. Raman Dang**
- Members: **Dr. Sonal Dubey, Dr. N. Mahesh, Dr. Bharani, Dr. Rajendra, Dr. Kuntal Das.**
- Advisory members: **Prof. Prakash Mallya, Dr. M.D. Karvekar**
- There are few recommendations that are implemented like:
- MOU with industry and research bodies was primary on the agenda. Teleradiography, green chem, China and Canada Universities. MOU was signed for extensive collaborative work. Both staff and PG students are benefitted.
- To apply for research grants and improve our instrument bank along with quality of research. VGST, ICMR, RGUHS and other research grant bodies have been tapped and we are on the anvil of applying many more.
- PG students dissertation work are keenly scrutinized and industry involvement complete or partial is preferred.

#### 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 animal ethical committee for the research Ref No. 378/PO/01/CPCSEA

Sl No.	Designation	Name IAEC members
1	<b>Chairman</b>	Dr. Raman Dang
2	<b>Biological Scientist</b>	Dr.Sonal Dubey
3	<b>Scientist</b>	Dr.Mahesh N M
4	<b>Member Secretary</b>	Dr. Rajendra S V
5	<b>Veterinarian</b>	Dr. Mallappa Bajantri
6	<b>Scientist in charge</b>	Mrs. Jyothi Y
<b>CPCSEA nominated members</b>		
1.	<b>Main Nominee</b>	Dr. S Ramachandra Setty
2	<b>Link Nominee</b>	Dr. P.Saravanan
3	<b>Scientist from outside</b>	Dr. M.N. Subhash
4	<b>Socially aware nominee</b>	Shri D.R Prahallada

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

- University provides research grant every year for motivating the staff and research scholars
- There is a plan to develop a centralized instrumental wing for encouraging research activities.

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

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

**\* advancing funds for sanctioned projects.**

- Research Grant of INR 14,20,000/- sanctioned by AICTE vide sanction letter 8023/RID/RPS/072/11/12,1595. DATED 15/02/2012 for the project entitled ‘Design and evaluation of Novel Topical intravaginal formulation of microbicidal agent for prophylaxis of HIV and other venereal diseases.
- In 2015-16, two of our staff members received 13.5 Lakhs research grants together by RGUHS, Bangalore.

**\* providing seed money.**

- Fund is transferred by AICTE to principal, Krupanidhi college of pharmacy.
- \* simplification of procedures related to sanctions / purchases to be made by the investigators.**
- INR 12,20,000/- = Non-recurring expenses = Lyophilizer
- INR 2,20,000/- = Recurring expenses

**\* autonomy to the principal investigator/coordinator for utilizing overhead charges.**

- Request for releasing money made through the principal investigator for release of funds to the principal.

**\* timely release of grants.**

- Funds released in a timely manner

**\* timely auditing.**

- Auditing is done by the account officer of Krupanidhi group of institution and with independent chartered accountant.

**\* submission of utilization certificate to the funding authorities.**

- Yearly progress report submitted to AICTE utilization certificate and project completion report also submitted to AICTE.

**\* writing proposals for funding.**

- Yes, already three research proposals already have submitted to RGUHS, Bangalore in 2016-2017.

**\* any training given for writing proposals.**

- Yes, the research committee members are providing training to the staff for writing research grant in different bodies. Further the proposal are scrutinized by the chairperson and other core committee members and then will send to the respective bodies with proper addressing.

**b. Institution sponsored projects:**

**\* Proportion of funds dedicated for research in the annual budget.**

- Institution is provides small project funds to the PG students with respect to procurement of standard drugs, travelling expenses, chemicals and laboratory facilities.

**\* Availability of funding for research /training/resources.**

- Institution is the sole body for the funding of various researches and training for the staff and students.

**\* Availability of access to online data bases.**

- Yes, institution is provides WiFi facilities inside college for relative data collection

for the research and also provides expenses for outside CD Rom search.

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

- \* **between/among different departments / and**
- \* **collaboration with national/international institutes / industries.**

- There are open research forums. Each department works on their research goals and there is frequent interaction with other departments through journal club and project monitoring committee. Staff and students are meet frequently to review the research parameters and level of research and finally collaborative work is given preference and emphasis. Further from raw material authentication to standardization of novel drug system there is always interdepartmental liaison. MOU's have been drawn with many industries and research Institute for collaborative work where students and staff take up part of their research work in the industries.

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

- Rajiv Gandhi University of Health Sciences, Govt of Karnataka, India. Sponsored National Seminar on "Standardization and Quality Control of Herbal Cosmetics", 3<sup>rd</sup> March 2012, Bangalore.
- Rajiv Gandhi University of Health Sciences, Govt of Karnataka, India. Sponsored National Seminar on "Application of Spray Drying in Formulation and Production Technology Field", 17<sup>th</sup> March 2012, Bangalore.
- 2 Day Seminar on Patents, Trade Marks & Copyrights with Case Study on Pharma Patents in the institute on 30<sup>th</sup> March to 31<sup>st</sup> March, 2012.
- 45 days soft skill training program conducted in institute in 2012, 2013, 2014 and 2015 by the professional trainers.

### **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 full time lab facilities with all the requirements needed for research projects and also provides outside exposure with eminent scientist of different government organizations and industries. For discussion with the people college also provides on duty service to fulfill the objectives.

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

- 10-15% by the management and there is no death of funds if the project is beneficial to the researchers, institute and the students involved.

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

- Yes, there is a special research wing in the University headed by Dr. G.S. Venkatesh as director. Special research promotion schemes are there to encourage young talent and the researchers. Funding for International travel is also available for research presentations and exchange.

### **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.**

- The institute encourages all the doctoral faculty members for post doctoral fellowship with different collaborations. Sabbatical leave with or without salary is granted.

**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 staff is extensively encouraged for such schemes. Many of the interested researchers among staff go on sabbatical leave for research and Post doc. There publications and regular touch through mails with PMC helps to monitor.

**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.**

- The college is planning for conducting the national and international conferences with the help of various governing authorities. However it has sponsored many of such events. Also there is active participation by the staff either for presentation or as invited speaker.

**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.**
- Yes, through regular seminars and workshops.
- \* **Development of scientific temperament.**
- Yes, through extensive motivation and developmental exchange, journal club, PMC etc.
- \* **Presence of Medical / Bio Ethics Committee.**
- Yes the institute has animal ethical committee for the research:

Sl No.	Designation	Name IAEC members
1	<b>Chairman</b>	Dr. Raman Dang
2	<b>Biological Scientist</b>	Dr.Sonal Dubey
3	<b>Scientist</b>	Dr.Mahesh N M
4	<b>Member Secretary</b>	Dr. Rajendra S V
5	<b>Veterinarian</b>	Dr. Mallappa Bajantri
6	<b>Scientist in charge</b>	Mrs. Jyothi Y
<b>CPCSEA nominated members</b>		
1.	<b>Main Nominee</b>	Dr. S Ramachandra Setty
2	<b>Link Nominee</b>	Dr. P.Saravanan
3	<b>Scientist from outside</b>	Dr. M.N. Subhash
4	<b>Socially aware nominee</b>	Shri D.R Prahallada

- \* **Research linkages with other institutions, universities and centers of excellence. (national and international).**
- Yes, Research Grant of INR 14,20,000/- sanctioned by AICTE vide sanction letter 8023/RID/RPS/072/11/12,1595. DATED 15/02/2012 for the project entitled

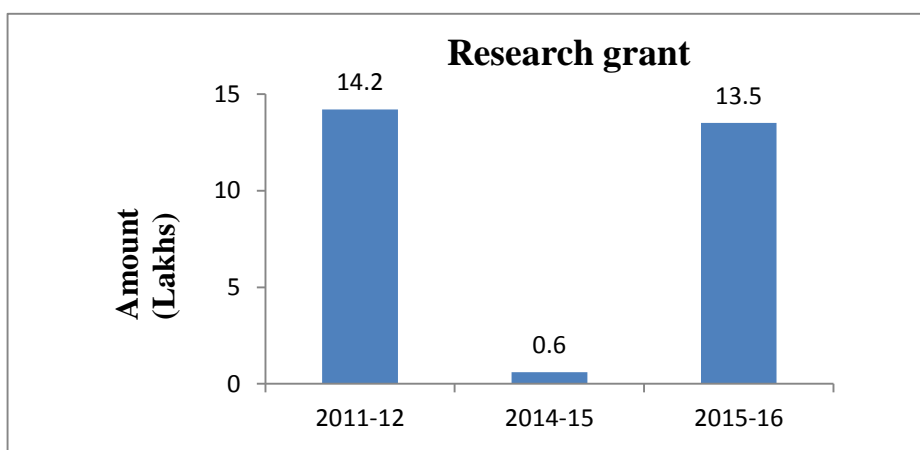
“Design and evaluation of Novel Topical intravaginal formulation of microbicidal agent for prophylaxis of HIV and other venereal diseases.

- In 2015-16, Two research grants have received by our two staff member from RGUHS, Bangalore.
- Two project proposals have submitted to RGUHS , Bangalore in 2015-16.

Year	No.of research grant applied	No of research grant received	Approved body	Amount (in Lakhs)
2011-12	02	01	AICTE	14.2
2015-16	03	02	RGUHS	13.5
2016-17	04	Submitted	RGUHS, DST	----

Short term Project:

Year	No.of research grant applied	No of research grant received	Approved body	Amount (in Lakhs)
2014-15	06	04	Inter department HOD's with the help of management	0.60
2015-16	05	--	RGUHS	---



**\* Research programs in Basic Sciences, Clinical, Operational Research, Epidemiology, Health Economics, etc.**

- Yes, some of the research projects are listed below:
  - ✓ Study of prescription pattern and cost analysis of antihypertensive drugs in tertiary care teaching hospital.
  - ✓ Incidence and Assessment of Adverse Drug Reactions and Drug Interactions in General Medicine Department of tertiary teaching hospital – A Prospective- Observational study.
  - ✓ Impact of timely administration of antimicrobial prophylaxis in surgical procedures in reducing post operative infection rate- Prospective



Interventional study.

- ✓ Incidence and assessment of organophosphate poisoning cases at the tertiary care teaching Hospital, South India.
- ✓ Study of delirium in psychiatry and MICU, measure of clinical outcome indicators of delirium in MICU. A prospective interventional study.
- ✓ Evaluation of quality of life in type 2 diabetic patients treated with insulin and oral hypoglycemics in a tertiary care teaching hospital
- ✓ Rational use and prescribing trends of antibiotics against *Staphylococcus aureus* positive infections in different departments of a tertiary care hospital.
- ✓ Awareness of diabetic risk factors and complications among diabetic population in Hoskote area.
- ✓ Study of the prescription patterns of medications for Urinary Tract Infection in patients admitted to ICU in a tertiary care Hospital.

\* **Promotional avenues for multi-disciplinary, inter-disciplinary research.**

- Always open depending on the interest of the individuals and the department.

\* **Promotional avenues for translational research.**

- Yes on the anvil.

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

- Short term projects, Industrial visit, training and regular seminars, workshops and finishing school etc.

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

- Monthly reports to monitor
- Publications mandatory for all researchers.

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

- Yes, the management is very much encouraging and provides partial or complete travel grant for attending National/International conferences or workshops.

### 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

\* **Development of entrepreneur skills in health care**

- Yes, through health rallies and NSS cell.

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

- Yes, there is a focus on nanoscience, molecular biology and biotechnology. Collaborative works is on with Wipro, IIHR and Green Chem.

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

- Not so far but we do have plans to encourage experimental research on Naturopathy.

### 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.

- Department of Pharmaceutics, Pharmaceutical chemistry and Pharmacology and toxicology are recognized for their research activities.
- Pharmaceutics by AICTE – Sanctioned amount: Rs. 14,20,000/- (On going research)

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

	Year-wise	Number	Name of the project	Name of the funding agency	Total grant received
<b>A. University awarded projects</b>					
Minor project	2015	RGU: Adv. Res.:Proposal-P-171:2015-16 DATE:06-01-2016	Phytochemical and histological studies of <i>Cascinium fenestratum</i> through in vitro propagation	RGUHS	Rs. 1.5 Lakhs
Major projects	2015	RGU: Adv. Res.:Proposal-P-151:2015-16 DATE:06-01-2016	Microwave assisted synthesis, molecular docking & anti tubercular activity of some new N-[(4-oxo-2-substituted aryl-1,3-thiazolidine)-acctamidyl]-5-nitrobenzimidazoles	RGUHS	Rs. 12.0 Lakhs
<b>B. Other agencies - national and international (specify)</b>					
Minor project	--	--	--	--	--
Major projects	2012	8023/RID/RP S/072/11/12, 1595	Design and evaluation of novel topical intravaginal formulation of microbicidal agent for prophylaxis of HIV and other venereal diseases.	AICTE	Rs. 14.2 Lakhs

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

- No, but there are regular sessions conducted by experts like Mr. Ravi in the field for our PG students.

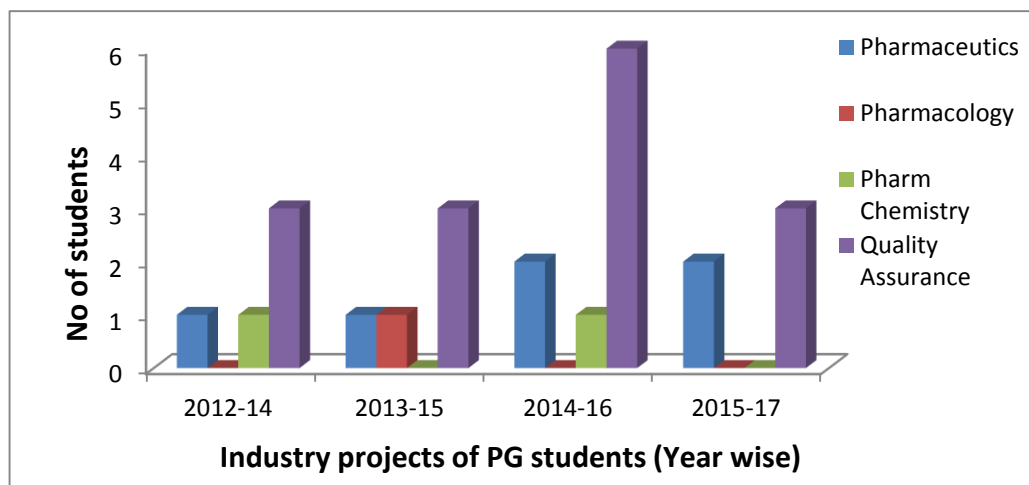
3.2.4 Has the institution taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?

- No

**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.**

- Industrial projects are carried out by the M. Pharm students are listed below:

Department	2012-14	2013-15	2014-16	2015-17
Pharmaceutics	01	01	02	02
Pharmacology	00	01	00	00
Pharm Chemistry	01	00	01	00
Quality Assurance	03	03	06	03



**3.2.6 List details of**

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

- Research Grant of INR 14,20,000/- sanctioned by AICTE vide sanctioned letter 8023/RID/RPS/072/11/12, 1595 for Design and evaluation of novel topical intravaginal formulation of microbicidal agent for prophylaxis of HIV and other venereal diseases. (On going project).
- In 2015-16, Two research grants have received by our two staff member from RGUHS, Bangalore
- Two project proposals of Rs. 35 Lakhs have submitted to RGUHS, Bangalore in 2015-16.

**b. Inter-institutional collaborative projects and grants received**

- National collaborations**
- International collaborations**

- Not received but MOU signed with various industries like Green chem. and Teleradiography and yet to get projects with research grants.
- MOU signed with China and Canada Universities for research collaboration and quality education.

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

- Collaborative work is encouraged. The industry pays stipend and the institute encourages through free transport.

## **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?**

- There is regular upgradation in the infrastructure.
- Research facilities and space is always a priority.
- Collaborative projects and applying for grants is the focus to encourage the researchers.

### **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?**

- Research centres like IISc, IIHR, UAS and other are utilized for availing advanced central research facilities. There is an exclusive instrumental room which has adequate facilities.

### **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.**

- Yes, we do have a Drug information centre. The latest software and applications are available to assist the physicians, patients and general public.

### **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 (national/international)?**

- Yes, the Institute is providing accommodation and food facility with full furnished hostels for students and research scholars and there is WiFi throughout the campus for serving.

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

- We do have certain instruments like spray drier, high speed homogenizer, BOD incubator, Aseptic laminar air flow cabinet, Sensitive electronic pan balance, deep freezers etc. These facilities are utilized by the staff, students of our and certain other institutes.

### **3.3.6 Clinical trials and research**

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

- Yes.
- \* **List a few major clinical trials conducted with their outcomes.**
- Study of prescription pattern and cost analysis of antihypertensive drugs in tertiary care teaching hospital.
- Incidence and Assessment of Adverse Drug Reactions and Drug Interactions in General Medicine Department of tertiary teaching hospital – A Prospective-Observational study.
- Impact of timely administration of antimicrobial prophylaxis in surgical procedures in reducing post operative infection rate- Prospective Interventional study.
- Incidence and assessment of organophosphate poisoning cases at the tertiary care teaching Hospital, South India.
- Study of delirium in psychiatry and MICU, measure of clinical outcome indicators of delirium in MICU. A prospective interventional study.
- Evaluation of quality of life in type 2 diabetic patients treated with insulin and oral hypoglycemics in a tertiary care teaching hospital
- Rational use and prescribing trends of antibiotics against *Staphylococcus aureus* positive infections in different departments of a tertiary care hospital.
- Awareness of diabetic risk factors and complications among diabetic population in Hoskote area.
- Study of the prescription patterns of medications for Urinary Tract Infection in patients admitted to ICU in a tertiary care Hospital.

### 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 publishes an international journal (Journal of pharmaceutical research) with indexed in index Copernicus, chemical Abstracts (ISSN-0973-7200) and NAAS (Score=3.60). The composition of the board members is as follows:
  - Chairman: Prof. Suresh Nagpal
  - Managing Editor: Prof Raman Dang
  - Editor: Prof Sonal Dubey,
  - Executive editor: Prof. Kuntal Das,
  - E-Editor: Mr. Chandramouli R,

#### 3.4.2 Give details of publications by the faculty and students:

- \* **Number of papers published in peer reviewed journals (national / international)**
- There are many publications done by the faculty members from different departments in every year with the master and Pharm D project works. PG students are also actively involved in the same. Not only that, faculty members are also involved in their individual short term projects which are also published in various national and International journals.

## YEAR 2015

### Department of Pharmaceutics

Name of the Faculty	Authors	Title of the research paper	Journal Detail	Impact factor
<b>Prof. Dr. R.S. Thakur</b>	Paulami Pal, <b>R.S. Thakur</b> , Subhabrata Ray, Bhaskar Mazumder	Design and development of a safer non invasive transungual drug delivery system for topical treatment of onychomycosis	<b>Drug development and Industrial Pharmacy</b> , 41(7): 1095-1099, 2015	2.101
	<b>Ram Sharnagat Thakur</b> , Arshad Bashir Khan	Formulation and evaluation of mucoadhesive thermosensitive in situ gel of Tenofovir Disoproxil fumarate for pre exposure prophylaxis against HIV	<b>Journal of Therapy and Management in HIV infection</b> , 3: 17-28, 2015	---
	Das Shubhadip, Sudheer Preethi, <b>Thakur R.S</b>	Formulation and evaluation of a nanoparticulate system for the treatment of lung cancer	<b>International j of pharma Sciences and Research</b> , 6(4): 710-717, 2015.	----
<b>Mrs. Preethi Sudheer</b>	Das Shubhadip, <b>Sudheer Preethi</b> , Thakur R.S	Formulation and evaluation of a nanoparticulate system for the treatment of lung cancer	<b>International j of pharma Sciences and Research</b> , 6(4): 710-717, 2015.	----
<b>Mr. Arshad Bashir Khan</b>	<b>Arshad Bashir Khan</b> , Chanky Saha	Formulation and evaluation of Mucoadhesive vaginal films of Ketoconazole	<b>RGUHS J of Pharm Science</b> , 5(2): 61-68, 2015.	----
	Ram Sharnagat Thakur, <b>Arshad Bashir Khan</b>	Formulation and evaluation of mucoadhesive thermosensitive in situ gel of Tenofovir Disoproxil fumarate for pre exposure prophylaxis against HIV	<b>Journal of Therapy and Management in HIV infection</b> , 3: 17-28, 2015	---

### Department of Pharmacology

Name of the Faculty	Authors	Title of the research paper	Journal Detail	Impact factor
	Jyothi Y, Sangeetha D, Kiran Kumar K	Phytochemical screening and in vitro antioxidant activity of <i>Limnathemum indicum</i>	<b>Research J of Pharm, Biol and Chem Sciences</b> , 6(2): 791-797, 2015.	IF= 0.35



Mrs. Jyothi Y	Sarath Chandra M, <b>Jyothi Y</b> , Syed Imam Rabbani	To study the role of exercise and dietary manipulation in obese rats treated with orlistat.	<b>International Journal of Pharmacy and Pharmaceutical Sciences</b> , 7(7): 335-339, 2015.	<b>IF: 0.55 (SCImago, SJR)</b>
	Bhavya Rewari, <b>Jyothi Y</b> , Syed Imam Rabbani	Potential benefits of <i>Boerhavia diffusa</i> leaves extract for the management of thrombocytopenia in Sprague Dawley rats.	<b>Research J of Pharm, Biol and Chem Sciences</b> , 6(3): 925-928, 2015.	IF= 0.35
	Raghu Mohan Rao P, <b>Jyothi Y</b> , Syed Imam Rabbani	Antiobesity activity of <i>Taraxacum officinale</i> in high fat diet induced obese rats	<b>Journal of Chemical and Pharmaceutical Research</b> , 7(4): 244-248, 2015.	SJIF= 0.75
	Anitha K, <b>Jyothi Y</b> , Vamsee Veena A, Deepika Bora.	Evaluation of antiepileptic activity of fruit pericarp of <i>Sapindus mukorossi</i> in rats.	<b>Journal of Chemical and Pharmaceutical Research</b> , 7(5): 363-368, 2015.	SJIF= 0.75
	Vamsee Veena A, <b>Jyothi Y</b> , Rina Pokhrel, Rajdwip Ghosh, Ronak Patidhar, Vijay Yadav.	Comparative antianemic activity of <i>Azadirachta indica</i> leaves and its combination with <i>Emblica officinalis</i> in phenyl hydrazine induced anemia using rats.	<b>Journal of Chemical and Pharmaceutical Research</b> , 7(8): 1019-1022, 2015.	SJIF= 0.75
	Deepika B, Sweta K, <b>Jyothi Y</b> , Bipul R, Ranjith R, Vinay S.	CNS stimulant activity of aqueous extract of roots of <i>Boerhavia diffusa</i> in mice.	<b>Journal of Chemical and Pharmaceutical Research</b> , 7(10): 409-412, 2015.	SJIF= 0.75
	Hansa Gupta, Jyothi Y, Vamsee Veena A, Deepika Bora.	Pharmacodynamic interaction of <i>Coccinia indica</i> with Omeprazole in experimentally induced ulcers in rats	<b>Research J of Pharm, Biol and Chem Sciences</b> , 6(4): 735-748, 2015.	IF= 0.35
Mrs. Deepika Bora	<b>Deepika B</b> , Sweta K, Jyothi Y, Bipul R, Ranjith R, Vinay S.	CNS stimulant activity of aqueous extract of roots of <i>Boerhavia diffusa</i> in mice.	<b>Journal of Chemical and Pharmaceutical Research</b> , 7(10): 409-412, 2015.	SJIF= 0.75
	<b>Vamsee Veena A</b> , Jyothi Y, Rina	Comparative antianemic activity of <i>Azadirachta</i>	<b>Journal of Chemical and</b>	

<b>Mrs. Vamsee Veena A</b>	Pokhrel, Rajdwip Ghosh, Ronak Patidhar, Vijay Yadav.	<i>indica</i> leaves and its combination with <i>Emblica officinalis</i> in phenyl hydrazine induced anemia using rats.	<b>Pharmaceutical Research</b> , 7(8): 1019-1022, 2015.	SJIF= 0.75
	Hansa Gupta, Jyothi Y, Vamsee Veena A, Deepika Bora.	Pharmacodynamic interaction of <i>Coccinia indica</i> with Omeprazole in experimentally induced ulcers in rats	<b>Research J of Pharm, Biol and Chem Sciences</b> , 6(4): 735-748, 2015.	IF= 0.35
	Anitha K, Jyothi Y, Vamsee Veena A, Deepika Bora.	Evaluation of antiepileptic activity of fruit pericarp of <i>Sapindus mukorossi</i> in rats.	<b>Journal of Chemical and Pharmaceutical Research</b> , 7(5): 363-368, 2015.	SJIF= 0.75

- SJIF = Scientific Journal Impact Factor.

### Department of Pharmaceutical Chemistry

Name of the Faculty	Authors	Title of the research paper	Journal Detail	Impact factor
<b>Dr. Sonal Dubey</b>	Sonal Dubey, Pankaj Kashyap, Sanket Kohli	Pharmacological investigations of aqueous extract of seeds of Indian Traditional plant- <i>Carum copticum</i>	<b>American J of experimental Biology</b> , 2(1); 1-6: 2015.	---
	G. Sathwik, Sonal Dubey, P. Prabitha, D.R. Harish Kumar	Analytical method development and validation of solid dosage form of antineoplastic drug Imatinib mesilate by RP-HPLC.	<b>International j of Pharma Science and Research</b> , 2015; 6(4): 697-705.	---
<b>Mrs. P. Prabitha</b>	G. Sathwik, Sonal Dubey, P. Prabitha, D.R. Harish Kumar	Analytical method development and validation of solid dosage form of antineoplastic drug Imatinib mesilate by RP-HPLC.	<b>International j of Pharma Science and Research</b> , 2015; 6(4): 697-705.	---

- UIF = Universal Impact Factor.

### Department of Pharmacy Practice

Name of	Authors	Title of the research	Journal Detail	Impact
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the Faculty		paper		factor
Mrs. Rajeswari R.	Koya Jagadish Babu, Kaveetha Devarajan, Neelakanta Rao Paidi, <b>Rajeswari Ramaswamy</b> , Sudarshan P.	Study of antimicrobial prophylaxis pattern in surgical procedures and incidence of post operative infection-A retrospective study.	<b>Indo American Journal of Pharmaceutical Research</b> , 2015; 5(03): 1069-1077.	---
	Devarajan K, Koya J, Paidi NR, <b>Rajeswari R</b> , Sudarshan P.	Study on timely administration of antibiotic prophylaxis practice in surgical procedures at a tertiary care teaching hospital, South India.	<b>International j for Pharmaceutical Research Scholars</b> , 2015; 4(2): 317-321.	SJIF = 3.45
Mrs. Bincy Varghese	Sumi Jose, Padmaja K, Neelakanta Rao P, <b>Bincy Varghese</b> , Rabbani SI, Venkatadri TV	A study of antibiotic sensitivity in a pediatric ward population of a tertiary teaching hospital	<b>World J of Pharmaceutical Research</b> , 2015; 4(8): 2664-2670.	SJIF = 5.99
	Vidya Alex, Sumitha Cheruvallikattil, Suja Abraham, <b>Bincy Varghese</b>	Cost of illness of rheumatoid arthritis in South India.	<b>World J of Pharmaceutical Research</b> , 2015; 4(11): 1305-1316.	SJIF = 5.99
Mrs. Vidya Alex	<b>Vidya Alex</b> , Sumitha Cheruvallikattil, Suja Abraham, Bincy Varghese	Cost of illness of rheumatoid arthritis in South India.	<b>World J of Pharmaceutical Research</b> , 2015; 4(11): 1305-1316.	SJIF = 5.99

- SJIF = Scientific Journal Impact Factor.

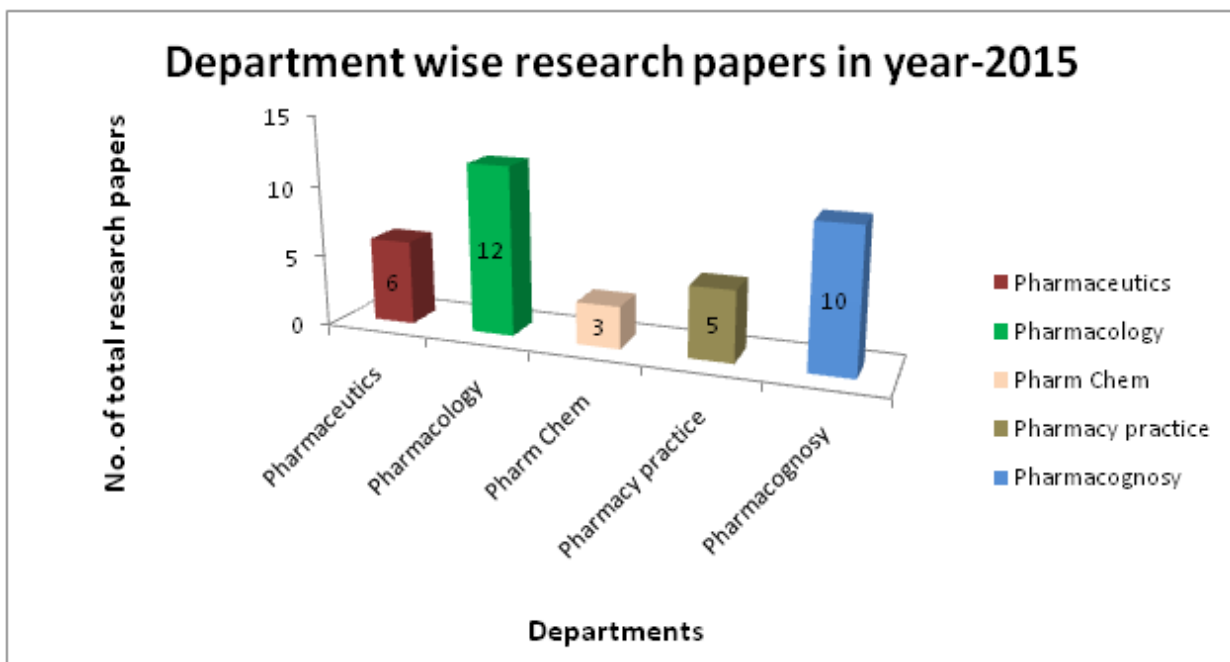
### Department of Pharmacognosy and Biotechnology

Name of the Faculty	Authors	Title of the research paper	Journal Detail	Impact factor
	M.P.Babu, <b>Raman Dang</b> , Kuntal Das	Phytochemical investigation and characterization of antimicrobial activity of bioguided fractionated leaves of <i>Agave Americana</i> L.	<b>Annals of Phytomedicine</b> , 2015; 4(1): 61-67.	IF = 1.02
	V.K. Shilpashree, <b>Raman Dang</b> ,	Evaluation of phytochemical investigation and	<b>Annals of Phytomedicine</b> ,	IF = 1.02

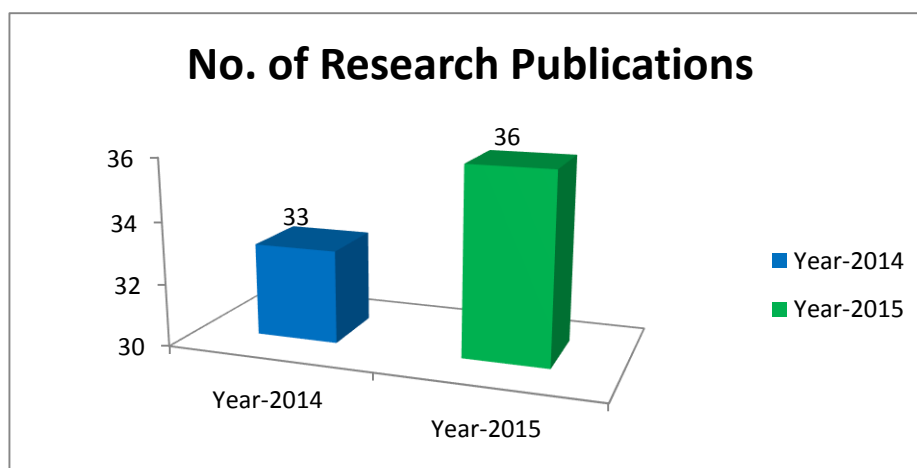
<b>Prof. Dr. Raman Dang</b>	Kuntal Das.	immunomodulatory activity of four different plant species of vidari by carbon clearance test on wistar rats.	2015; 4(1): 94-98.	
	Sajitha Puthalath, <b>Raman Dang</b> , Kuntal Das.	Total safety management through standardization of formulated Ayurvedic kajaal using <i>Eclipta alba</i> and <i>Vernonia cinerea</i> herbs.	<b>World Scientific News</b> , 2015; 5: 32-44.	----
<b>Dr. Kuntal Das</b>	M.P.Babu, Raman Dang, <b>Kuntal Das</b>	Phytochemical investigation and characterization of antimicrobial activity of bioguided fractionated leaves of <i>Agave Americana</i> L.	<b>Annals of Phytomedicine</b> , 2015; 4(1): 61-67.	IF = 1.02
	V.K. Shilpashree, Raman Dang, <b>Kuntal Das</b> .	Evaluation of phytochemical investigation and immunomodulatory activity of four different plant species of vidari by carbon clearance test on wistar rats.	<b>Annals of Phytomedicine</b> , 2015; 4(1): 94-98.	IF = 1.02
	Sajitha Puthalath, Raman Dang, <b>Kuntal Das</b> .	Total safety management through standardization of formulated Ayurvedic kajaal using <i>Eclipta alba</i> and <i>Vernonia cinerea</i> herbs.	<b>World Scientific News</b> , 2015; 5: 32-44.	----
	Tanmoy Karak, Indira Sonar, Jyoti Rani Nath, Ranjit Kumar Paul, Sampa Das, Romesh Kumar Boruah, Amrit kumar Dutta, <b>Kuntal Das</b>	Struvite for composting of agricultural wastes with termite mound: Utilizing the unutilized.	<b>Bioresource Technology</b> , 2015; 187: 49-59.	Thomson reuters IF= 5.33
	Guruprasad V Sutar, <b>Kuntal Das</b> , John Wilking Einstein	Screening of different leaf extracts of <i>Cassia fistula</i> Linn for investigation of hypolipidemic activity in two different rat models	<b>International Letters of Natural Sciences</b> , 2015; 3: 30-43.	---
	<b>Kuntal Das</b> , Sourav Tribedi	Effect of Zn, Fe and Cu content on phytochemical investigations and antimicrobial potential of <i>Alternanthera brasiliensis</i> O. Kuntze leaf extracts procured from two different states of India	<b>Turk J Pharm Sci</b> , 2015; 12(3): 345-356.	---

<b>Mr. Saifulla Khan</b>	Naira Nayeem, Saifulla Khan, Shalini Kapoor Mehta	Communication apprehension and its effect on pharmacy undergraduates.	<b>World journal of Pharmacy and Pharmaceutical Sciences, 2015; 4(12): 951-957.</b>	SJIF = 5.21
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- SJIF = Scientific Journal Impact Factor.



### Year wise comparative study on research publications



\* **Monographs**

Not applicable

\* Chapters in Books

Name of the faculty	Name of the book	ISBN No. with publisher
Prof. Dr. Raman Dang	Recent advances in medicinal plants in diabetes treatment	Recent progress in Medicinal Plants (Multi volume series)", Vol-19, Published by Studium Press, LLC, USA, Series ISBN: 0-9656038-5-7. Chapter-14, 2008 Sep; pp. 151-191.
	Recent advances in herbal drugs with special reference to <i>Cassia tora</i>	Recent progress in Medicinal Plants (Multi volume series)", Vol-19, Published by Studium Press, LLC, USA, Series ISBN: 0-9656038-5-7. Chapter-14, 2008 Sep; pp. 137-150.
Dr. Kuntal Das	Senna ( <i>Cassia angustifolia</i> )-A traditional medicinal plant of India	Botany, Chemistry and Post-Harvest technology of leafy medicinal plants. CABI Publisher, UK. (In Press).
	Patchouli ( <i>Pogostemon cablin</i> ) oil	Essential oils in Food Production, Preservation, Flavour and Safety. Elsevier Publication.
	Sandal wood ( <i>Santalum album</i> ) oil	Essential oils in Food Production, Preservation, Flavour and Safety. Elsevier Publication.
	Turmeric ( <i>Curcuma longa</i> ) oil	Essential oils in Food Production, Preservation, Flavour and Safety. Elsevier Publication.
	Recent advances in medicinal plants in diabetes treatment	Recent progress in Medicinal Plants (Multi volume series)", Vol- 19, Published by Studium Press, LLC, USA, Series ISBN: 0-9656038-5-7. Chapter-14, 2008 Sep; pp. 151-191.
	Recent advances in herbal drugs with special reference to <i>Cassia tora</i>	Recent progress in Medicinal Plants (Multi volume series)", Vol- 19, Published by Studium Press, LLC, USA, Series ISBN: 0-9656038-5-7. Chapter-14, 2008 Sep; pp. 137-150.

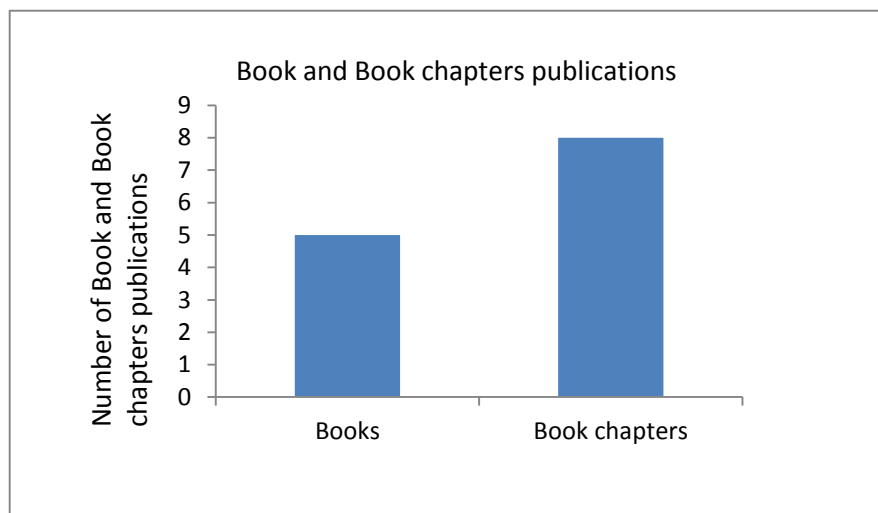
\* Books edited

Not applicable



**\* Books with ISBN with details of publishers**

<b>Name of the faculty</b>	<b>Name of the book</b>	<b>ISBN No. with publisher</b>
<b>Prof. Dr. Sonal Dubey</b>	Basic concepts in Pharmaceutical Research	CBS Publishers and distributors Pvt. Ltd., New Delhi, India. <b>ISBN: 978-81-239-1815-0</b>
<b>Dr. Kuntal Das</b>	Herbal Plants and their application in Cosmeceuticals	CBS Publisher and Distributors. Darya Ganj, New Delhi, India. <b>ISBN: 9788123922966.</b>
	Essential oils and their applications	New India Publishing Agency, Pitam Pura, New Delhi, India. 2013. <b>ISBN: 9789381450741</b>
	Medicinal Plants: their importance in Pharmaceutical Sciences	Kalyani Publisher, Rajinder Nagar, Ludhiana, India. 2010. <b>ISBN: 978-81-272-5829-0.</b>
	<b>“Introductory Modern Pharmacognosy”- A Text Book</b>	I.K. International Publishing House Pvt Ltd. New Delhi, India. 2016 (In Press)



**\* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, EBSCO host, Google scholar, etc.)**

Google Scholar

**\* Citation Index – range / average**

Range of citation index for the published work is 1-500 in average for all the faculty members.

\* **Impact Factor – range / average**

Range of impact factor for the published work is 0.2-5.

\* **Source Normalized Impact per Paper (SNIP)**


\* **SCImago Journal Rank (SJR)**

\* **h-index**

h index for the published work is average 1-10.

**Example:**

6/12/2016 Raman Dang - Google Scholar Citations




**Raman Dang**  
Principal  
Pharmacognosy and Phytochemistry

**Google Scholar**

Citation indices	All	Since 2011
Citations	428	385
h-index	10	10
i10-index	10	10

6/12/2016 Dr.Kuntal Das, Dept.of Pharmacognosy,Krupanidhi College of Pharmacy - Google Scholar Citations



**Dr.Kuntal Das, Dept.of**  
Pharmacognosy, Krupanidhi College of Pharmacy

**Google Scholar**

Citation indices	All	Since 2011
Citations	341	309
h-index	10	10
i10-index	10	10

**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?**

Pharm D students and staff do so for their internship in collaboration with physicians at MVJ hospital and research centre.

**3.4.4 Give details of**

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

Name of the faculty	Name of the journals/Bulletin	Nature of work
<b>Prof. Raman Dang</b>	Association of Pharmaceutical Teachers of India (APTI) Bulletin	Associate Editor
	Journal of Pharmaceutical Research	Managing Editor
	Indian Journal of Pharmaceutical Education and Research	Associate Editor
	Indian Journal of Pharmacy Practice	Editorial Board member
	Indian Cosmetic Technologists Association (ICTA) Bulletin	Editorial Board member

	BIOMED	Associate Editor
	Annals of Phytomedicine	Editor Board member
	Indian Journal of Pharmacy Practice	Editorial Board member
	RGUHS Journal of Pharmaceutical Sciences	Editorial Board member
<b>Prof. Sonal Dubey</b>	RGUHS Journal of Pharmaceutical Sciences	Associate Editor
	Journal of Pharmaceutical Research	Editor
<b>Prof. M. K. Ranganath</b>	Journal of Pharmaceutical Research	Assoc. Editor
<b>Prof. Kuntal Das</b>	International Letters of Natural Sciences	Editorial Board member
	Research Journal of Medicinal Plant	Regional Editor
	International Journal of Pharmacology	Regional Editor
	Research journal of Medicinal plant	Regional Editor
	Annals of Phytomedicine	Associate Editor
	International Journal of Plant Physiology and Biochemistry	Editorial Board member
	Journal of Medicinal Plant Research	Assoc. Editor
	Journal of Pharmaceutical Research	Executive Editor
<b>Prof. Rajendra SV</b>	Journal of Pharmaceutical Research	Assoc. Editor
	Drug Invention Today	Section Editor
<b>Prof. S.Rabbani</b>	Indian Journal of Pharmacy Practice	Editor Board member
<b>Prof. Bharani S</b>	Journal of Pharmaceutical Research	Asst. Editor
	Indo american journal of pharmaceutical sciences	Editor Board member
<b>Mr. Chandramouli</b>	Journal of Pharmaceutical Research	E- Editor
	Journal of Basic and Clinical Pharmacy	Editor Board Member

<b>Dr. Mahesh NM</b>	Journal of Pharmaceutical Research	Assoc. Editor
<b>Mrs. Rajeswari</b>	Synergia Bulletin	Chief Editor
<b>Mr. Arshad Khan</b>	Journal of Pharmaceutical Research	Assoc. Editor
<b>Mrs. Ashwini</b>	Journal of Pharmaceutical Research	Editor Board Member
<b>Mrs. Litha Thomas</b>	Journal of Pharmaceutical Research	Editor Board Member
<b>Mrs. Jyothi Y</b>	Journal of Pharmaceutical Research	Asst. Editor
<b>Dr.Mrudula Giri</b>	Journal of Pharmaceutical Research	Asst. Editor
<b>Mrs. Prabitha P</b>	Journal of Pharmaceutical Research	Asst. Editor
<b>Mrs. Kavitha A N</b>	Journal of Pharmaceutical Research	Editor Board Member
<b>Mrs. Deepthi V</b>	Journal of Pharmaceutical Research	Editor Board Memembr

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

Dr. Raman Dang- Scientific committee member in MESMAP-2 (Turkey)

\* **Provide details for the last four years research awards received by the faculty and students**

- Our staff members received many oral and poster research presentation in many national and international conferences.

Year	No of research award by staff	No of research award by students
<b>2012-13</b>	<b>02</b>	<b>04</b>
<b>2013-14</b>	<b>04</b>	<b>08</b>
<b>2014-15</b>	<b>04</b>	<b>08</b>
<b>2015-16</b>	<b>01</b>	<b>--</b>

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

- One staff member Dr. Kuntal Das received Young Pharmacy Teacher award-2016 by Association of Pharmacy Professionals.

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

**Post graduate:** Maximum four students as per University norms.

**Ph.D:** On an average 01 to 02 per faculty. In 2015, our 5 faculties are enrolled in PhD under various Universities.

**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.**

- There is a R&D committee which checks into any publication going into print. Consent letter from all co-authors is mandatory.

**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, within the institute all departments are encouraged to have a universal forum for research. We do have collaborations for research with the industry.

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

- There are research grants instituted by the University. Our two staff members are received 13.5 lakhs research grants from university in 2015 and two more research grants are applied in 2016 under RGUHS.

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

- They are recognized during a forum. Monetary and research benefits are initiated.

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

2010-12			2011-13		
Name of students	Research guides	Course (M. Pharm)	Name of students	Research guides	Course (M. Pharm)
Pavan Kumar N	Mr.Arshad Bashir Khan	Pharmaceutics	Balakrishna Gudivada	Dr. Thakur R.S	Pharmaceutics
Pattipati Srikanth	Mrs. J.B. Malini	Pharmaceutics	Krishna Reddy M	Dr. Arshia Shariff	Pharmaceutics

Elmira Khorrani	Mrs. Bharani Sogali	Pharmaceutics	Manjunath N. S	Mrs. Preethi Sudheer	Pharmaceutics
Ashok C	Mrs. Bharani Sogali	Pharmaceutics	Saroja S P	Mrs. Preethi Sudheer college	Pharmaceutics
Shashank Nayak N	Mrs. Bharani S Sogali	Pharmaceutics	Karnati Naveen Reddy	Mrs. Bharani Sogali	Pharmaceutics
Sushanth M S	Mrs. Bharani S Sogali	Pharmaceutics	Ranangi Sreenath	Mr. Arshad Bashir Khan	Pharmaceutics
Srikanth P	Mrs. Bharani Sogali	Pharmaceutics	Mamidela Srikanth	Mrs. Saritha Alladi	Pharmaceutics
Asha M L	Mr. S. Srinivasan	Pharmaceutics	Shaik Imran Basha	Mr. Arshad Bashir Khan	Pharmaceutics
Bahareh Manavi	Mr. S. Srinivasan	Pharmaceutics	Vundela Shashidhar Reddy	Mrs. Saritha Alladi	Pharmaceutics
Prashanth S	Mr. S. Srinivasan	Pharmaceutics	Gollapalli Pavan Kumar	Dr. Arshia Shariff	Pharmaceutics
Siddalingappa Zalaki	Mr. S. Srinivasan	Pharmaceutics	Ravindra Reddy Eguturi	Mrs. Bharani Sogali	Pharmaceutics
Waseessa Jamal Ismail	Mrs. Preethi Sudheer	Pharmaceutics	G Sandhya	Mrs. Preethi Sudheer	Pharmaceutics
Manjunath T O	Mrs. Preethi Sudheer	Pharmaceutics	Perugu Anil Kumar	Mrs. Bharani Sogali	Pharmaceutics
Patel Ronak Natvarlal	Mrs. Preethi Sudheer	Pharmaceutics	Kuruva Dharma Kumar	Dr. Arshia Shariff	Pharmaceutics
Patel Rahul Kumar Kantilal	Dr. R.S. Thakur	Pharmaceutics	Nimmanapalli Vidya Sagar	Mr. Arshad Bashir Khan	Pharmaceutics



			Reddy	college	
Madhushri M	Dr. R.S. Thakur	Pharmaceutics	Pachava Shrinivas Tirupati	Dr. Arshia Shariff	Pharmaceutics
Nayaz Ahmed	Dr. R.S. Thakur	Pharmaceutics	Tauqir Ashraf Sohail	Dr. Arshia Shariff	Pharmaceutics
Ms. Uppu Indira	Dr. Umashankar M.S	Pharmaceutics	Subhayan Das	Mrs. Bharani Sogali	Pharmaceutics
Ms. Paramita Chowdhury	Dr. Umashankar M.S	Pharmaceutics	Sandip Adhikari	Mrs. Saritha Alladi	Pharmaceutics
Ms. M. Monika	Mrs. Preethi Sudheer	Pharmaceutics	Mula Subhash Reddy	Mr. Arshad Bashir Khan	Pharmaceutics
Ms. V. Deepthi	Mr. Arshad basher	Pharmaceutics	Tanmoy Maity	Mr. Arshad Bashir Khan College	Pharmaceutics
Mr. M.Nishanth Kumar	Mrs. Preethi Sudheer	Pharmaceutics	Bobbala Ashok Reddy	Mrs. Bharani Sogali	Pharmaceutics
Mr. Nithish Vardheli	Dr. Umashankar M.S	Pharmaceutics	Vijay Kumar Injam	Mrs. Preethi Sudheer college	Pharmaceutics
Mr. Rakesh M	Dr. Arshia Sharief	Pharmaceutics	Raghunan dan Reddy	Mrs. Preethi Sudheer	Pharmaceutics
Mr. A. Raghunandan Reddy	Dr. Arshia Sharief	Pharmaceutics	Manjunath E	Dr. R.S. Thakur	Pharmaceutics
Mr. Yetukuri Koushik	Mrs. Preethi Sudheer	Pharmaceutics	Archana R	Dr. R.S. Thakur	Pharmaceutics
Mr. B. Narendra Varma	Dr. Arshia Sharief	Pharmaceutics	Jyothsna T	Dr. R.S. Thakur	Pharmaceutics
Mr. Moturi Vihar	Mr. Arshad Bashir	Pharmaceutics	Bharath Kumar N	Dr. R.S. Thakur	Pharmaceutics
Ms. Parnapalli Malathi	Mr. Arshad Bashir	Pharmaceutics	Aswin Vijayan	Prof.Dr. Prem Kumar N	Pharmacology
Mr. Pradeep Kumar Koyi	Mr. Arshad Bashir	Pharmaceutics	Raj Kumar Mondal	Mrs. Mrudula Giri	Pharmacology
Mr. Pradeep	Dr.	Pharmaceutics	Arpan	Prof.Dr.	Pharmacology

Chintakuntala	Umashankar. M.S	cs	Ganguly	Prem Kumar N	
Mr. Yarlagadda Manoj	Dr. Arshia Sharief	Pharmaceutics	Roshni George Karippatt	Prof. Dr. Syed Mohammed Basheeruddin Asdaq	Pharmacology
Ms. Bathalapalli Hima Bindu	Dr. Arshia Shariff	Pharmaceutics	Prachi Rusiya	Prof. Dr. Syed Mohammed Basheeruddin Asdaq	Pharmacology
Smitha Surendran	Mr. C. Manjunath	Pharmacology	Tijo Sebastian	Mrs. Jyothi Y	Pharmacology
C Malsawmtluangi	Mr. C. Manjunath	Pharmacology	Samiksha Soni	Mrs. Jyothi Y	Pharmacology
D Srinivas Reddy	Mr. C. Manjunath	Pharmacology	Tallisetty kedarinath	Mrs. Mrudula G	Pharmacology
Shrey Nitin Tambe	Mr. C. Manjunath	Pharmacology	Jyothi . P	Prof. Syed Mohammed Basheeruddin Asdaq	Pharmacology
Mahesh Nayak K	Mr. C. Manjunath	Pharmacology	Sumit kumar	Mrs. Kavitha S	Pharmacology
Niranjan R	Mrs. S. Kavitha	Pharmacology	Vijayshree	Mrs. Jyothi. Y	Pharmacology
Zeba Farheen	Mrs. S. Kavitha	Pharmacology	M.V.N. Kashyap	Prof. Dr. Prem Kumar N	Pharmacology
Amruta Kulkarni	Mrs. S. Kavitha	Pharmacology	Shakthi singh	Mrs.Mrudul a G	Pharmacology
Deepthi B	Mrs. S. Kavitha	Pharmacology	A Mercy Martina	Prof. Syed Mohammed Basheeruddin Asdaq	Pharmacology

Basavraj Sonnad	Mrs. S. Kavitha	Pharmacolo gy	Suresh Kumar.T	Mrs. Jyothi.Y	Pharmacology
Nagaraja Vayyavuru	Mrs. Mruduala Giri	Pharmacolo gy	Avinash Kumar. C.H	Mrs. Kavitha.S	Pharmacology
Praveen Kumar V N	Mrs. Mrudula Giri	Pharmacolo gy	V.V. Srujan kumar	Prof.Dr. Prem Kumar N	Pharmacology
Sudhakar Tripurari	Mrs. Mrudula Giri	Pharmacolo gy	B. Anusha	Prof.Dr. Prem Kumar N	Pharmacology
P V Naga Lakshmi Sushma	Mr. C. Manjunath	Pharmacolo gy	K.Anitha	Mrs. Jyothi.Y	Pharmacology
Giri Kalpesh Chandtrakan t	Mrs. Mrudula Giri	Pharmacolo gy	Rama Bhargavi J	Mrs. Gladys Denny	Pharm Analysis
Ms. Shah Sweta Navnitbhai	Prof. Syed Mohammed Basheeruddin	Pharmacolo gy	D Chaitanya Lakshmi	Mr. M.K. Ranganath	Pharm Analysis
Mr. Mandhadapu Sravanthi	Prof. Sunil Dhamanigi	Pharmacolo gy	Kolluru Sandeep	Mr. M.K. Ranganath	Pharm Analysis
Mr. Saida Reddy Venna	Prof. Syed Mohammed Basheeruddin	Pharmacolo gy	Thelethoti Sushmitha	Mrs. Naira Nayeem	Pharm Analysis
Mr. Himanshu Rai	Prof. Dr. Prem Kumar	Pharmacolo gy	Induru Swathi	Mrs. Gladys Denny	Pharm Analysis
Mr. Santosh Kumar Hinge	Prof. Sunil Dhamanigi	Pharmacolo gy	Sagar Banik	Mrs. Gladys Denny	Pharm Analysis
Mr. Sravan Kumar A.V.G	Prof. Sunil Dhamanigi	Pharmacolo gy	C. Jaya Hanisha	Mrs. Naira Nayeem	Pharm Analysis
Mr. Reddeboina Ashok Yadav	Prof. Dr. Prem Kumar N	Pharmacolo gy	C. Praveen	Mr. Ranganath M.K	Pharm Analysis
Mr. Karthik N	Prof. Sunil Dhamanigi	Pharmacolo gy	Sultan Basha	Mr. Ranganath M.K	Pharm Analysis

Mr. Kartheek Chegu	Prof. Dr. Prem Kumar N	Pharmacology	V. Krishna	Mrs. Naira Nayeem	Pharm Analysis
Ms. Jonnalagadda Anoosha	Prof. Dr. Prem Kumar N	Pharmacology	P.Divakar	Mr. Ranganath M.K	Pharm Analysis
Ms. K. Saraswathi	Prof. Syed Mohammed Basheeruddin	Pharmacology	T. Mahati	Mrs. Naira Nayeem	Pharm Analysis
Mr. M.Kartheek Kumar	Prof. Dr. Prem Kumar N	Pharmacology	G. Alekya	Mrs. Naira Nayeem	Pharm Analysis
Mr. J. Naveen Kumar	Mrs. Jyothi Y	Pharmacology	Raghu Varan Bhatula	Mrs. Gladys Denny	Pharm Analysis
Ms. Yanamadala Bhargavi	Prof. Dr. Syed Mohammed Basheeruddin	Pharmacology	Vamireddy L Prasanna	Mr. Chandramouli R	Quality Assurance
Ms. Sushma Attuluri	Prof. Dr. Syed Mohammed Basheeruddin	Pharmacology	Priyanka Seegaragadda	Mr. Chandramouli R	Quality Assurance
Abhinandana	Mrs. J.B Malini	Quality Assurance	V.Swetha Reddy	Mr. Chandramouli	Quality Assurance
Patel Hardikkumar Shashikant	Mrs. J.B Malini	Quality Assurance	P. Hemanth	Mr. Chandramouli	Quality Assurance
Kumbhar Abhijit Dinkar Pushpanjali	Mrs. J.B Malini	Quality Assurance	Surender Singh	Dr. Sonal Dubey	Pharm Chemistry
Patel Purvishkumar Mukeshbhai	Mrs. J.B Malini	Quality Assurance	Sachin Kumar Singh	Dr. Harish Kumar	Pharm Chemistry
Anupam Malla	Mr. Chandramouli R	Quality Assurance	Prashant Singh	Mrs. Noor Fathima	Pharm Chemistry
Patel Mehulkumar DilipBhai	Mr. Chandramouli R	Quality Assurance	Manish Kashyap	Dr. Harish Kumar	Pharm Chemistry
Shaik Mansoor Ahmed	Mr. Chandramouli R	Quality Assurance	Rakesh Singh	Mrs. Noor Fathima	Pharm Chemistry

K. Nagarjuna Reddy	Mr. Chandramouli R	Quality Assurance	Amit Kumar Dubey	Mrs. Noor Fathima	Pharm Chemistry
Mr. Naveen Reddy N	Mr. Chandramouli R	Quality Assurance	G. Sathwik	Dr. Harish Kumar	Pharm Chemistry
Parikh Dhavalkumar Navneetlal	Dr. Karvekar M.D	Pharm Chemistry	Jennifer Momin	Dr. Harish Kumar	Pharm Chemistry
Jithendar Reddy Mandhadi	Dr. Karvekar M.D	Pharm Chemistry	Arnika Das	Mrs. Noor Fathima	Pharm Chemistry
Narender Boggula	Dr. Karvekar M.D	Pharm Chemistry	V. Manoj Kumar Reddy	Mrs. Saritha	Pharm Technology
Arunkumar M R	Dr. Karvekar M.D	Pharm Chemistry	Y. Rakishma	Mrs. Saritha	Pharm Technology
Mr. A.R. Mahesh	Mr. Mayukh Baidya	Pharm Chemistry	<b>2013-2015</b>		
Mr. Bhargav Muidha	Mrs. Rohini R.M	Pharm Chemistry	Ms. Divya M P	Dr. Mrudula Giri	Pharmacology
Mr. Pradeep Kumar N	Mrs. Rohini R.M	Pharm Chemistry	Mr. Vivek Joseph	Dr. Mrudula Giri	Pharmacology
Mr. Allamneni C Sudhamsu	Mrs. Rohini R.M	Pharm Chemistry	Ms. Bimlesh Chaudhary	Mrs. Jyothi. Y	Pharmacology
Mr. Saparia Hitesh Harsukhlal	Mr. Mayukh Baidya	Pharm Chemistry	Ms. Danilae George	Mrs. Jyothi. Y	Pharmacology
Ms. Lomati Vidya	Mr. Mayukh Baidya	Pharm Chemistry	Ms. Doorvsula Sri Ramya	Dr. R S Thakur	Pharmaceutics
Ms. Vidya peddi	Dr. D.R. Harish Kumar	Pharm Chemistry	Ms. Netharavathi D	Mrs. Preethi Sudheer	Pharmaceutics
Ms. Reshma Chandrani K	Mrs. Rohini R.M	Pharm Chemistry	Mr. Mohammed Raja	Mr. Arshad Bashir Khan	Pharmaceutics
Radhika Majoju	Mrs. Mayukh Baidya	Pharm Chemistry	Ms. Suganthi N	Dr. Sonal Dubey	Pharmachemistry

P. Prathyun	Mr. Mayukh Baidya	Pharm Chemistry	Ms. Girija D.N	Mr. Chandram ouli R	Quality Assurance
Nalamati Lohitha	Mrs. Rohini R.M	Pharm Chemistry	Ms. Monisha J	Mr. Chandram ouli R	Quality Assurance
G. Sai Teja Reddy	Mr. M.K. Ranganath	Pharm Analysis	Mr. Maruthi R	Mr. Chandram ouli R	Quality Assurance
D. Sanjay Kumar	Dr. D.R. Harish Kumar	Pharm Analysis	Ms. Shruthi AN	Mr. Chandram ouli R	Quality Assurance
Kantineni Prasad	Mr. M.K. Ranganath	Pharm Analysis	Mr. Mallikarjuna	Mr. M.K. Ranganath	Quality Assurance
M. Chandra Babu	Mrs. Gladys Denny	Pharm Analysis	Ms. Komala S	Mr. M.K. Ranganath	Quality Assurance
Boddu Sirisha	Mr. M.K. Ranganath	Pharm Analysis			
Venkata Kanaka Durga S	Mrs. Naira Nayeem	Pharm Analysis			
Shaik Rehana	Mrs. Naira Nayeem	Pharm Analysis			
Mohammad Seema Afrin	Mr. M.K. Ranganath	Pharm Analysis			
Snehalatha Cheedala	Mrs. Gladys Denny	Pharm Analysis			
P. Sirisha	Mrs. Gladys Denny	Pharm Analysis			
Yarra Uday	Mrs. Gladys Denny	Pharm Analysis			
G. Anil Kumar	Mrs. Gladys Denny	Pharm Analysis			
Shakamuri Anil Raman	Dr. D.R. Harish Kumar	Pharm Analysis			
S. Ramacharan	Mr. M.K. Ranganath	Pharm Analysis			
S. Prashant	Mrs. Naira Nayeem	Pharm Analysis			
M. Bava Nasar	Dr. D.R. Harish Kumar	Pharm Analysis			
Kiran Kumar T	Mrs. Naira Nayeem	Pharm Analysis			
Purumandla Priyanka	Mrs. Naira Nayeem	Pharm Analysis			



Jaya Shankara A.L	Mrs. Saritha Alladi	Pharm Technology			
Spoorthi Korandla	Mrs. Saritha Alladi	Pharm Technology			
Alampuri Praveen Achary	Mrs. Saritha Alladi	Pharm Technology			
Anurudha M S	Mrs. Saritha Alladi	Pharm Technology			
Bhagyshree K	Mrs. Saritha Alladi	Pharm Technology			
Jerry Charley Kalloor	Mr. K. Mahalingan	Pharm Technology			
Pradeep Yala	Mr. K. Mahalingan	Pharm Technology			
Mamatha M C	Mr. K. Mahalingan	Pharm Technology			
Ganesh R S	Mr. K. Mahalingan	Pharm Technology			
Ms. Sireesha Pulakana	Dr. Uma Shankar. M.S	Pharm Technology			

### 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**

**Systems and strategies for establishing Institute – Industry interface**

**GUIDANCE FOR FACULTY AND OTHER ACADEMIC EMPLOYEES ON ISSUES RELATED TO INTELLECTUAL PROPERTY AND CONSULTING**

- The KCP encourages faculty to participate in outside professional activities that contribute to their profession and to the broader community. Such engagement with the outside community is an important component of the academic enterprise and one way in which faculty and other researchers contribute to the KCP mission. The
- KCP defines outside professional activities as “activities that are within a faculty member’s area of professional, academic expertise and that advance or communicate that expertise through interaction with industry, the community, or the public, and

through consulting or professional opportunities”. Paid faculty consulting, including vacation and incidental employment, is one form of such outside professional activity which the faculty member undertakes as an individual and not under the auspices of the KCP

- Over time, the KCP has worked on a number of policies that address and guide the outside professional activities of its faculty. Taken as a whole, these policies provide faculty with a great deal of flexibility and autonomy in engaging in outside professional activities that contribute to their profession and to the student community. At the same time, these policies are intended to:
  - ✓ safeguard the interests of students;
  - ✓ minimize faculty and KCP exposure to litigation, liability, and conflicts of interest
  - ✓ ensure that KCP resources, are used for the public benefit rather than for private gain;
  - ✓ ensure that outside professional activities are consistent with the performance of KCP duties, including safeguarding faculty members’ ability to do future KCP research free from inappropriate external restrictions or legal encumbrances; and
  - ✓ provide the clarity that industry needs with regard to ownership of inventions made under a consulting activity

#### Stated Policy

- ✓ **Krupanidhi College of Pharmacy, KCP, encourages faculty to participate in outside professional activities** that contribute to their profession and to the broader community. Engagement with the outside Industry and Hospitals is also an important component of the academic enterprise and one way in which faculty and other researchers maintain contact with research directions and priorities that exist in the private sector.
- ✓ Members of the faculty may render professional or scholarly services for compensation, unless they are prohibited by the terms of their appointment from accepting such compensation; but in no case may such employment be solicited or interfere with regular Academic duties. such service may be justified if it does not interfere with KCP commitments and if
- ✓ it gives the individual experience and knowledge of value to his teaching or research;
- ✓ it is suitable research through which the individual may make worthy contributions
- ✓ This knowledge also guides faculty in preparing students for careers in the private sector.

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

- No official cell. We do have MOUs with Teleradiology and Green Chem for advancement of research and exchange programmes for students and staff.

#### **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 mode of publicizing expertise of the institution for consultancy services are website,

personal contacts and through individual mails. We have already catered to many industries and research bodies for consultancy. Dr. R.S. Thakur was a pioneer consultant.

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

- They are encouraged and if any queries and interest arises from Research/Commercial organizations they are approached to do the needful.

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

- Dr. R.S. Thakur, for recent Salvia project and other earlier projects taken up by the department.

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

- The main area of consultancy services are formulations, animal studies etc. No monetary benefits are claimed. It is primarily taken for research advancement and to develop expertise.

## **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.**

- To fulfill the current/changing need of the society, the institutions sensitize the faculty and students to get involved in various community outreach programmes. Sustainable practices of the institution leading to good performance resulting in better outcome in terms of generating knowledge for students, which will be useful for the learner as well as the community. The academic requirements like field work, community organization programmes provides scope for student to learn from social realities and eventually contribute to the social welfare. To inculcate social responsibilities, the faculty and students are encouraged to participate in service activities such as:
  - Diabetes screening and counseling – public awareness programme organized on May 30, 2013, for the surrounding 9 villages including Beligrere, varthur, Nakkundi, Dommasandra, Janatakahalli, Gonguttapura, Kungur, Kodathi gate, and mullur. The overall participation was 255, suggesting that the campaign had an impact in the surrounding community. These services were partly sponsored by the Pharmaceutical Company 'BIOCON: WINNING WITH DIABETES', Bangalore.
  - Students and faculty of Krupanidhi College of Pharmacy participated in NSS rally on December 2<sup>nd</sup> 2013, to spread awareness on AIDS in Gunjur Village. The main objective of this rally was to educate the people regarding the evils of AIDS disease and how to prevent themselves from this disease; and to SHOW EMPATHY for those infected with HIV. This was done through raising slogans, distributing fliers and counseling to those who need it. The village people appreciated the efforts of students, faculty, and the management of Krupanidhi College of Pharmacy.

- Vanamahotsava Plantation programme was organized on World Environmental day ( 5<sup>th</sup> June 2013,) We planted few plant saplings in front of a primary Health centre at Dommasandra and in Anganwadi. We got the plant saplings from a nearby Nursery on the way to Dommasandra PHC.
- Old age home visit: We conducted a recreational programme for the inmates in ‘Ashabhavan’, an old age home, near to Carmelaram, Bangalore; We organized few cultural programme and indoor games and distributed gifts /prizes, sweets to the inmates.
- On Children’s day, we organized an orphanage visit to Swanthana. It is a place where mentally & physically challenged female children below 13 years of age are taken care of. We donated few cloths, personal needs & sweets.
- Pulse polio programme.- Our NSS volunteers participated in the pulse polio programme at Dommasandra PHC area and Gunjur PHC area.
- Malnutrition assessment camp- School health assessment for monitoring Malnutrition at Dommasandra village. There were only 3% of malnourished children identified after this camp. We did demonstrations of Hyderabad mixture in the PHC’s, Anganwadi’s in the Dommasandra village.
- Drug and Poison information services to the Public and healthcare Professionals in and around Hoskote area.
- MOU with various healthcare organization to serve the public and healthcare professionals of various interests (MVJ & TELERAD RxDx, Green Chem Lab).
- Adoption of value based practical curriculum for the Pharmacy practice students to sensitize through case studies, group discussions, seminars on patient safety and issues etc.
- Through these extension activities, the students develop social responsibility and they act as agents of social change and transformation. They develop a humane approach and are able to go beyond language, religion, socio-economic status and move towards social equity.

### **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 institution promotes institution-neighborhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students regularly by arranging different social activities within and outside the campus through the following activities. Student and faculty Orientation programmes emphasize the critical significance of social outreach programmes for integrated learning. The college strives to instill responsibility in the young minds of students through extension programmes and value based courses so that they develop into sensitized, socially responsible citizens. Some of these are listed below
- The institute has a NSS unit which inculcates the spirit of service in the students mind by conducting various programmes like blood donation camps and blood donation on life saving emergency call, planting of trees in and around the college area and take up service activities independently with the guidance of the faculty.

- A cleanliness drive to raise social awareness of humanity's debt to our beautiful Earth and nature. The thrust is on the need for people, government and organizations to join hands in keeping the surroundings clean.
- Tree Plantation -with a vision to instill among the youth the love of plants and animals. This develops respect for nature.
- AIDS awareness rally, Conducting health camps, visits to orphanages and, old age homes etc.
- Involvement of the faculty, student and also neighboring institute for awareness programmes
- Finishing school programme is organized by the experts in the Institution to prepare students to meet the challenges of living as well as academics. The programme improves the holistic and sustained community development of young students to learn about healthy relationship, pro-social behavior, Social development & Emotional development.
- The department of Pharmacognosy maintains a medicinal plant garden within the college premises under the supervision of Dr. Raman Dang; the students of the department play an active role in its maintenance and optimal use of herbals available, for the employees and surrounding community based on the need.
- Students interact with local public to know the general health practice, and identify the healthcare need to plan any social service activities.
- Their participation will benefit the students in their personality development and approach of thinking towards sustained community development. Several projects (as part of dissertation) conducted in teaching hospital.
- The institution provides opportunity for students to promote the Public health and rational drug use through regular ward round participation and prescription monitoring in various affiliated institutions. Krupanidhi College of Pharmacy has set up a Drug Information Centre at MVJMC & RH to serve the healthcare professionals and public for answering their drug related queries.
- Shramadhan-We brought few plant saplings and planted in front of library and panchayat office. Finally we did Shramadhan for the betterment of community people.

### **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 college performs various activities through NSS and other forms of community development services. During induction, the coordinators of these sections narrate to the students on the benefits and scope of the extension activities. The information about the proposed activities is disseminated on the college notice board, circulars, and also by oral interaction. The institution is a platform for the students to acquire knowledge, experience and the feeling of self-worth after participating in co-curricular activities. The college encourages students to take part in, NSS and other extension activities through:
  - Advertisement on the notice boards
  - Inviting ideas from student on social service activities and plan
  - Implementation of plan with the help of faculty, students and near by community volunteers.
  - Honouring and Awarding certificates of Appreciation to the Student for their NSS activities

**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 institution has always promoted research activities/ social surveys to identify and assess the needs of underprivileged and vulnerable sections in the society.
- **Research:** The Pharm.D students have undertaken research at MVJ MC & RH to benefit the Hoskote village community.

Some of the research projects in this area for the year 2014-15.

SN	StudentsName	Guide	Co-guide 1	Co-guide 2	Project Title
1	<b>Renoy Philip</b>	Dr. N.M. Mahesh	Dr Krishnamurthy MS	Mrs.Bincy	Study on Antidiabetic drugs utilization, assessment and prescribing pattern at the tertiary care in hospitals
2	Drisyamol K.A	Dr. N.M. Mahesh	Dr Krishnamurthy MS	Mrs.Bincy	
3	Minu Mathew	Dr. N.M. Mahesh	Dr Krishnamurthy MS	Mrs Bincy	
4	V. Lakshmi Tanuja	Dr. N.M. Mahesh	Dr MS Krishnamurth	Mrs.Bincy	
5	<b>Judith Basker</b>	Dr. N.M. Mahesh	Dr Someshekar Reddy + COLUMBIA ASIA GUIDE	Mrs.Bincy	Assessment Of Diabetic Knowledge And Medication Adherence In Typ11 Diabetic Patients
6	Sreethu. P	Dr. N.M. Mahesh	Dr Someshekar Reddy + COLUMBIA ASIA GUIDE	Mrs Bncy	
7	Merlin Thomas	Dr. N.M. Mahesh	Dr Someshekar Reddy + COLUMBIA ASIA GUIDE +	Mrs.Bincy	
8	Jojeena Ann Mammen	Dr. N.M. Mahesh	Dr Someshekar Reddy + COLUMBIA ASIA GUIDE	Mrs.Bincy	
9	<b>Sharon sunil</b>	Dr. N.M. Mahesh	Dr Ajay K	Mrs Mridula	Prevalence of allergic diseases in individuals within the hospital. Prescribing patterns of
10	Mariam Mahmoodan	Dr. N.M. Mahesh	Dr Ajay K	Mrs Mridula	
11	Arya gigi	Dr. N.M. Mahesh	Dr Ajay K	Mrs Mridula	
12	Prince Hepzibha	Dr. N.M. Mahesh		Mrs.Mridula	



			Dr Ajay K		corticosteroids.
13	<b>Josfin Ann Samuel</b>	Dr. N.M. Mahesh	Dr Utkala Mariganti	Mrs.Bincy	Management of emergency drugs in an out patient clinic.
14	Akhila P.	Dr. N.M. Mahesh	Dr Utkala Mariganti	Mrs.Bincy	
15	Prince Beulah	Dr. N.M. Mahesh	Dr Utkala Mariganti	Mrs.Bincy	
16	<b>Joice Samuel</b>	Mrs. Rajeswari	Dr Sadashivaiah G	Mrs Teena	Drug use evaluation in emergency cases due to COPD
17	Sachin M Mathews	Mrs. Rajeswari	Dr Sadashivaiah G	Mrs Teena	
18	Merlin T S	Mrs. Rajeswari	Dr Sadashivaiah G	Mrs Teena	
19	Sandeep K C	Mrs. Rajeswari	Dr Sadashivaiah G	Mrs.Teena	
20	<b>Ashwin Krishna.M</b>	Mrs. Rajeswari	Dr Patil	Mrs Teena	Assessment of medication adherence in tubercular patients at a tertiary care teaching hospital
21	Chinchumol baby	Mrs. Rajeswari	Dr Patil	Mrs.Teena	
22	Tintu babu	Mrs. Rajeswari	Dr Patil	Mrs.Teena	
23	Nancy A.M	Mrs. Rajeswari	Dr Patil	Mrs.Teena	
24	<b>Ahmadi Naaz</b>	Mrs. Rajeswari	Kidwai Guide	Mrs.Teena	
25	Jodhani Nitin Kumar	Mrs. Rajeswari	Kidwai Guide	Mrs.Teena	Monitoring of opioid safety in renal impaired patients
26	Janet Jacob	Mrs. Rajeswari	Kidwai Guide	Mrs.Teena	
27	Cijy Thomas	Mrs. Rajeswari	Kidwai Guide	Mrs.Teena	

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

- Tracking of student's interest and involvement is done every year through orientation and feedback programme. The institution has formed various committees which comprises of than two or more faculty members. Through these faculties the student's activities are tracked and monitored. The students who actively participate in these



activities throughout the year are honored/ awarded at the Annual Prize Distribution Function. The Institutional mechanism to track student's involvement in various social activities, which promote citizenship roles, begins with the strenuous efforts of the teachers. The students are motivated to join these activities and they are also made aware of the benefits in the future.

**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 institution is roping in communities to actively participate in all the extension activities. This has contributed to both community- institution networking and development of institutions.
- On behalf of 150<sup>th</sup> Birth anniversary of Swami Vivekananda, we organized blood donation drive in our college campus with the collaboration of Gunjur Govt school - alumni association and inspired the youth to be a part of our mission. The volunteers were selected from Gunjur Village to encourage people, to donate blood and save many lives.
- Vanamahotsava Plantation programme was organized on World Environmental day (5<sup>th</sup> June 2013), We planted few plant saplings in front of a primary Health centre at Dommasandra and in Anganwadi. We got the plant saplings from a nearby Nursery on the way to Dommasandra PHC.
- Extensive support from Gunjur village community youngsters associations and Dommasandra village community are witnessed during tree plantation, blood donation camp organized by the Krupanidhi Institutions.

**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 College has been rated outstanding for its academic excellence by "The Week" magazine.
- UGC 2(f) certified. NAAC accredited college.

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

- Not available

**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 extension leads to overall development of the personality. The extension activities compliment the academic learning experience of students in terms of:
  - Developing leadership qualities
  - To work as a team member
  - To develop soft skills such as cordiality
  - Creating social awareness and empathy towards the society and nation

- Students are trained and assisted to make decisions and implement them during various activities, this has resulted in- Enhanced self esteem, Communication skill, Planning ability, Positive thinking, Decision making NSS programme gives value in:
- Leadership qualities , Health and hygiene , Social service
- Ecology and environmental protection.
- Team spirit and empathy

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

- Not applicable

### **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.**
- Community outreach health programs are generally taken up by Pharm D students.
- \* **Awareness creation regarding potable water supply, sanitation and nutrition.**
- Rallies and awareness programmes are conducted for slum dwellers and in rural belt.
- \* **Awareness creation regarding water-borne and air-borne communicable diseases.**
- Seminars and role plays are enacted for the rural belt.
- \* **Awareness creation regarding non-communicable diseases - cardiovascular diseases, diabetes, cancer, mental health, accident and trauma, etc.**
- Frequent seminars, workshops and awareness camps in association with experts and various voluntary organizations are conducted.
- \* **Awareness creation regarding the role of healthy life styles and physical exercise for promotion of health and prevention of diseases.**
- Experts are invited for the needful.
- \* **Awareness creation regarding AYUSH Systems of medicines in general and / or any system of medicine in particular.**
- Faculty within the institute and Ayurved specialists enlighten all on the benefits and availability. Medicinal garden is maintained for regular awareness.
- \* **Complementary and alternative medicine.**
- The awareness is done through seminars.
- \* **Pharmaco economic evaluation in drug utilization.**
- Practised.
- \* **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.**
- Yes, faculty is regularly encouraged to participate in all relevant programmes to better life style and focus on health care.
- \* **Promotion of mental health and prevention of substance abuse.**
- Yes, as when required. Seminars and awareness is generated.
- \* **Adoption of population in the geographical area for total health care.**
- Not yet done but do have in plan.
- \* **Research or extension work to reach out to marginalized populations.**

- Yes, we do plan in future.

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

- Yes, faculty members participate in community health awareness programs.

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

- Our Institution promotes the participation of students & faculty members in different national program for the prevention and control of diseases, like diabetes, tuberculosis, AIDS and etc.

## **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?**

- Yes. Academically the benefits have been immense. The faculty is exposed to newer challenges and realise the importance of commercial research. They learn how to achieve targets.

### **3.7.2 Mention specific examples of how these linkages promote**

- \* **Curriculum development:** The vision is broadened.  
**Time Table committee:** Mrs. Preethi Sudheer, Mr. Arshad Bashir, Ms. Litha  
**Sessional & Re Sessional:** Dr. Sonal Dubey, Mr. Ranganath, Ms. Jyothi, Ms. Ekta
- \* **Internship:** Students are benefitted with regard to their internship and dissertation work.
- \* **On-the-job training:** Immense and improved the overall look of the project and individuals.
- \* **Faculty exchange and development:** Yes, Faculty learns how to utilize the new technology research. Regular exchange helps in development.
- \* **Research:** The approach to research improves.  
**Research committee members:**  
**R&D cell Advisor:** Dr. MD Karvekar and Prof. Prakash Mallya  
**Members:** Dr. Mahesh NM, Dr. Bharani, Dr. Sonal Dubey, Dr. Rajendra, Mr. Arshad,
- \* **Publication:** Yes, with consent there are possibilities of numerous publications.  
**Publication committee members:**  
Dr. Raman Dang, Dr. Sonal Dubey, Dr. Rajendra, Dr. Kuntal Das, Dr. Mahesh, Mrs. Mrudula
- \* **Consultancy:** Yes. The academic teachers get a chance to use their expertise for betterment of research and individual development.  
**Committee members:** Dr. Raman Dang, Dr. Sonal Dubey, Dr. Rajendra, Dr. Kuntal Das, Dr. Mahesh, Mrs. Mrudula
- \* **Extension:** Yes
- \* **Student placement:** Yes to the maximum.  
**Placement cell members:** Prof. Prakash Mallya, Mrs. Ruchi, Mrs. Deepthi, Mrs. Ekta, Mrs. Veena

- \* **Any other (specify):** Collaborations help in overall growth of the institution. It gives a chance for exploring newer venues for research and development.

**Academic Industrial cell members:** Prof. Prakash Mallya, Dr. MD Karvekar  
Dr. Raman Dang, Dr. Bharani, Dr. Mahesh NM, Dr. Rajendra,  
Mrs. Rajeswari R, Mrs. Ashwini

**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?**

- Yes. MoUs have been signed with various organizations. The students are the maximum beneficiaries. They get a chance to work in established commercial/research organizations.

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

- Yes. We are on the look out to develop our laboratories further.

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

- \* **Local bodies/ community:** Yes. Community health is always a priority.
- \* **State government / Central government /NGOs:** Yes we do apply for various grants/schemes offered by the govt. and NGOs.
- \* **National bodies:** Yes we are focused to have collaborations with all National bodies.
- \* **International agencies:** Yes. We have been collaborating with various Universities mainly for medicinal plant research.
- \* **Health Care Industry – Biomedical, Pharmaceutical, Herbal, Clinical Research Organization (CRO):** Yes. Teleradiography and Columbia Asia are our partners.
- \* **Service sector:** Yes. We belong to the service and health care centres. We effectively collaborate as and when the need arises.
- \* **Any other (specify):** Any collaboration which improves our approach to things and services is taken up in a big way.

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

- We are a part of the public and our services need to be extended to them effectively. Rallies, awareness programmes are our collaborative exchange it helps in contributing effectively.

## 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?

- Krupanidhi College of Pharmacy vows to stick to world-class infrastructure standard in education and training in order to maintain quality of education being imparted here since 1985. Opportunities for expansion of educational facilities are immense and quality consciousness is important. It is on this strength that Krupanidhi excel in their field.
- A sprawling campus in picturesque surroundings measuring 11 acres provides a refreshing environment, stimulating intellectual alertness and creativity. This natural environment stimulates students to concentrate & apply their minds for various productive activities.
- The campus has an ambience, which motivates students to learn & grow. The lush green campus has 06 blocks. The overall atmosphere at the campus is fused with serenity, which is conducive for the intellectual pursuits
- A three storied lofty building of the Pharmacy college houses, the separate class rooms, tutorial rooms, all required departmental laboratories with a built up area of 2.5 Acre.
- Each department is provided with separate office space, seminar halls, computer centre with internet facilities and Wi-Fi connectivity, library-a knowledge centre & other facilities.
- The classrooms are equipped with LCD projectors to meet the audiovisual needs as well as conventional teaching tools and furnished comfortably to meet the student requirements.
- All the blocks are equipped with an electric substation & generator set to provide smooth electric supply service in the institute & hostel campus.
- The water needs for the hostels, laboratories, landscape and consumption are met through the ground water resources within the campus, public water supply and reuse of treated waste water for gardening and other similar purposes. The water supply is ensured through the strategically located overhead tanks.
- The institute runs its own fleet of buses and vans for the convenience of the students and the staff members. The College has more than 15 buses which picks up and drops students to different parts of the city via different places so that the students can choose the nearest stop to their residence. The fleet of buses departs and arrives at different time intervals giving the choice for the student as well as staff to pick the bus at different timings.
- The institution has developed and maintained library with adequate number of books and journals. Digital library for accessing and sharing electronic learning and teaching resources among researchers, teachers, students and the visitors. The library budget ensures that the latest editions of books and journal are continuously made available. The library also provides for book banks for the economically backward students. There is a continuous effort of the university to increase the acquisition of library electronic resources.
- Spending quality time is never a problem in the Institute. Sports facilities are provided for Cricket, Football, Badminton, Basketball, and Volleyball. Evenings find students

enjoying the excitement of these sports as players and audience. The institute has its own canteen, which serves healthy and nutritious food to its students at subsidized rates.

#### Infrastructure facilities for curricular and co-curricular activities

Sl no	Name of the facility	Number of rooms	Area in sq. mts
1	Class rooms	18	1,038
2	Laboratories	20	2,270
3	Common rooms	2	100
4	Seminar hall	1	150
5	Office room	1	60
6	Library	1	150
7	Digital library	1	150
8	Instrument room	1	80
9	Rest rooms	6	180
10	Store room	2	120
11	Journal room	1	30
12	Principal's cabin	1	30
13	Animal house	1	250
14	Machine room	1	100
15	Herbal Garden	2	250
16	Canteen	1	2000
17	Parking area	2	4000
18	Hostel	2	2000

#### 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.

- The management is proactive and has a positive approach for the development of infrastructure facilities for the benefit of students and staff. Though the facilities were created in accordance with the AICTE norms, the facilities are being regularly upgraded as per the requirements of the departments. An ambience most conducive for good academic activities and effective teaching learning processes has been created.
- The infrastructure facilities were created with an undeterred motto of developing an institution unique in its nature and standing along with the prestigious institutions in the country for effective teaching and learning processes.
- The objectives are
  - ✓ Providing sufficient, well ventilated, well furnished class rooms and laboratories

- ✓ Providing conference halls and libraries in each department as supporting facilities
- ✓ Providing access to internet for students and faculty members to keep abreast with technology.
- ✓ Staff rooms with good ambience
- ✓ Developing labs as per curriculum requirement and also beyond the curriculum.
- ✓ Promoting learning through materials like Charts, Write Ups, Multimedia, Models
- ✓ Providing amenities like canteen, transport, playgrounds, girls and boys lounges etc
- ✓ For the creation and development of facilities the college follows a policy such as:
- ✓ Need analysis is made centrally and also by each department every year on the requirement for the next academic year
- ✓ The respective departments will prepare budget proposals under different heads such as capital budget, developmental budget and maintenance budget.
- ✓ Any purchases for development activities are carried out in systematic manner by calling for quotations, purchase committee meeting for technical and commercial negotiations and ensuring good quality facilities are created.

**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 institution has common room, wash/rest rooms separately for men/women, students and staff. In addition, whole campus has cafeteria and canteen facility to serve food/refreshments to students and staff. For skeletal department one common office is provided.

**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 college assesses the requirements of differently-abled students based on the number of students admitted in this category.

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

**Sports:**

- Institution organizes annual sports regularly; College also has a sports committee headed by a teacher to monitor the sports related matters. Outdoor and indoor games Football and Cricket team of the college regularly participate in the inter college tournaments. College also has the places for indoor games like carom board, chess etc.
- Gymnasium: College has a well sophisticated Gym, used regularly by staffs and students.

**Sports committee members:**

- **Mr. Saifulla Khan**, Mr. Ranganath M K, Dr. Rajendra, Mrs. Mrudula, Mr. Akash
- **Cultural activities:** Intra College cultural competition is regularly held. Inter college competition and participation of the college team in quiz, debate etc. Annual cultural



program such as fresher's welcome, cultural festivals are regularly organized by students union.

- **Cultural committee members:**

Ms. Kavitha AN, Ms. Bincy Vargeese, Ms. Ashwini, Mrs. Deepthi, Ms. Prabitha

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

- For the whole campus 24 hrs security is provided to monitor the entry and exists of personnel.

#### **4.1.7 Facility of Animal House**

- \* **Is animal house maintained as per CPCSEA guidelines?**

- Yes. Institution has a well ventilated and maintained animal house for small laboratory animals with an area of 400 Sq.m which is according to CPCSEA guidelines.

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

- Yes. The animal house in charge maintains the records regularly according to the requirements which is supervised by IAEC regularly. Institutional Animal Ethical Committee is formed according to CPCSEA guidelines to monitor the research activities involving animals.

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

- Yes. The Institutional animal house is approved for maintenance and breeding of laboratory animals from CPCSEA which is renewed periodically, latest renewal letter received on 03/03/2016 (Ref: F.No.25/42/2010- AWD).

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

- \* **Number**

- Laboratories : 20
- Museums: 03

- \* **Maintenance and up-gradation**

- The laboratories and museums are maintained and upgraded regularly by attenders and respective lab incharges.

- \* **Descriptive catalogues in museums**

- Drugs regarding all information are displayed on the museum board.

- \* **Usage of the above by the UG/PG students**

- Laboratories are utilized according to the curriculum requirement.

#### **4.1.9 Dentistry**

- \* **Dental chairs in clinic – specialty wise**

- \* **Total dental chairs**

- \* **Schedule of chair side teaching in clinics – specialty wise**
- \* **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 : 20**
- \* **Museum for drug formulations : 03**
- \* **Machine room : 01**
- \* **Crude drug museum : 02**
- \* **Balance room : Weighing balances are present in respective laboratories**
- \* **Chemical store: 01**
- \* **Instrumentation facilities:** separate instrument room is maintained for sophisticated instrument.
- \* **Pilot plant: 01**
- \* **Computer aided laboratory: 01**

#### **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**
- \* **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
- \* Naturopathy blocks
- Not applicable

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

### 4.2 Clinical Learning Resources

#### 4.2.1 Teaching Hospital

- \* **Year of establishment:** In the year 2001.
- \* **Hospital institution distance:** 25 KM
- \* **Whether owned by the college or affiliated to any other institution?**  
Affiliated to MVJ Medical College and Research Hospital, Hoskote
- \* **Are the teaching hospitals and laboratories accredited by NABH, NABL or any other national or international accrediting agency?**  
Yes, It is ISO 9001; 2008 certified organization
- \* **Number of beds**  
910 Nos.
- \* **Number of specialty services**  
11 Nos.  
Specialties are:  
1. Medicine, 2. Pediatrics, 3. Dermatology, 4. Psychiatry, 5. Respiratory medicine  
6. Surgery, 7. Orthopedics, 8. OBG, 9. Ophthalmology, 10. ENT, 11. Anesthetics.
- \* **Number of super-specialty services**  
05 Nos.  
1. Urology, 2. Plastic Surgery, 3. Facio- maxillary surgery, 4. Cardiology and  
1. Endocrinology
- \* **Number of beds in ICU / ICCU / PICU / NICU, etc.**  
MICU: 12  
ICCU: 5  
RICU: 5  
SICU: 8  
PICU: 8  
NICU: 8

\* **Number of operation theatres**

11 Nos.

\* **Number of Diagnostic Service Departments**

04 Nos.

Pathology, 2. Microbiology, 3. Biochemistry, 4. Radiology

\* **Clinical Laboratories**

3 Nos.

Pathology, 2. Microbiology, 3. Biochemistry

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

Yes, all the services are available in the following location.

Laundry, power supply and ac plant- located at ancillary area behind the hospital.

Kitchen, MRD, CSSD, Gas manifold rooms – located at B- block (minus 2 basement area).

Pharmacy- located at a-block entrance

\* **Blood Bank services**

- Is available with component separation, refrigerated centrifuge & laminar air flow area.

\* **Ambulance services**

- Available- 3 ambulances

\* **Hospital Pharmacy services**

- Hospital pharmacy services available 24 hours in a day.

\* **Drug poison information service**

- Is available from MONDAY to SATURDAY throughout the year, excluding Public holidays.

\* **Pharmacovigilance**

- Pharmacovigilance center is established recently. Dr. Venkadatri, Professor & HOD, Department of Clinical Pharmacology is heading the Pharmacovigilance Center with trained faculty and students for monitoring ADRs in hospital Inpatients.

\* **Mortuary, cold storage facility**

- Available

\* **Does the teaching hospital display the services provided free of cost?**

- Yes, Hospital displayed the services provided free of cost at the reception and near to all the lifts area, in regional and English languages.

\* **What is the mechanism for effective redressal of complaints made by patients?**

- PATIENT COMFORT COMMITTEE placed complaint boxes in the reception area for addressing patient issues. Also, register is maintained with Hospital administrator, where patient can enter their issues, and remedial action is taken immediately.

\* **Give four years statistics of inpatient and outpatient services provided.**

Yearly wise Out Patients & IP Admissions Statistics for – 2011 to 2014 (Till April)

Dept	2011		2012		2013		2014(April)		Total	
	OPs	IPs	OPs	IPs	Ops	IPs	OPs	IPs	OPs	IPs

<b>Med</b>	42829	7898	50348	10079	66383	9443	21514	2887	181074	30307
<b>Sur</b>	33883	6039	39666	6643	49975	6399	17209	2189	140733	21270
<b>OBG</b>	30032	6027	35109	4385	38100	4860	13142	1685	116383	16957
<b>Orth</b>	29729	2338	34373	3596	40608	3713	13346	1198	118056	10845
<b>Opth</b>	24240	1714	27206	1801	28239	1796	9831	671	89516	5982
<b>ENT</b>	25770	1554	28911	1883	28877	1784	10184	654	93742	5875
<b>Pedi</b>	28521	2535	32289	5505	37528	5513	12200	1864	110538	15417
<b>Dent</b>	21075	-	23136	-	22457	-	7354	-	74022	-
<b>TB&amp;C</b>	20786	1265	22787	1366	21070	1367	7008	430	71651	4428
<b>Derm</b>	26564	1581	29986	1552	31179	1803	11310	665	99039	5601
<b>Psy</b>	20298	1263	23097	1514	21857	1583	7717	572	72969	4932
<b>Casu</b>	13713	-	16345	-	17157	-	5871	-	53086	0
<b>Total</b>	<b>317440</b>	<b>32214</b>	<b>363253</b>	<b>38324</b>	<b>403430</b>	<b>38261</b>	<b>136686</b>	<b>12815</b>	<b>1220809</b>	<b>21614</b>

**\* Does the hospital display charges levied for the paid services?**

- Yes, the hospital displayed the levied for paid services at the billing section, in the reception area.

**\* Are the names of the faculty and their field of specialization displayed prominently in the hospital?**

- Yes- the name of the faculty and their field of specialization displayed prominently in front of the OPD, in each department.

**\* Is pictorial representation of the various areas of the hospital displayed in a manner to be understood by illiterate patients?**

- Sign boards are available in the corridor with each OPD number prominently displayed. Salad Mold of the hospital is available for reference.

**\* Is there a prominent display of ante-natal, mother and child health care facilities?**

- Yes, there is a prominent display in front of labor room and ICTC (Integrated Counseling and Testing Center).

**\* How does the hospital ensure dissemination of factual information regarding rights, responsibilities and the health care costs to patient and the relatives/attendants?**

- Patient rights poster being prepared. No other standard operating procedure is followed.

**\* How does the hospital ensure that proper informed consent is obtained?**

- The informed CONSENT is taken IN CASE SHEETS

- \* **Does the hospital have well-defined policies for prevention of hospital-acquired infections?**
  - Yes, hospital has policies and procedure for preventing the hospital acquired infections. Infection control committee meets 2<sup>nd</sup> Tuesday of every month to have a follow up and clinical interactions.
- \* **Does the hospital have good clinical practice guidelines and standard operating procedures?**
  - Yes, the hospital has good clinical practice guidelines and standard operating procedure.
- \* **Does the hospital have effective systems for disposal of bio-hazardous waste?**
  - Yes, hospital has system for disposing the bio-hazardous wastes.
- \* **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, the safety measures for healthcare workers are displayed in concerned department, wherever it required.
- \* **How are the Casualty services/Accident and Emergency Services organized and effectively managed?**
  - Managed effectively with well defined Policies and Procedures.
- \* **Whether the hospital provides patient friendly help-desks at various places.**
  - Yes, patient friendly desks are available at reception, casualty, labor room & outpatient departments.
- \* **Does the hospital have medical insurance help desk?**
  - Yes, medical insurance help desk is available at reception to for the various insurance companies. (RSBY, YESHASWINI, TTK, ICICI, LOBMARD)
- \* **What are the other measures taken to make the hospital patient friendly?**
  - Adequate sign posters and help desks are available at various locations in the hospital. Patient can avail free facilities for OPD consultation/ IPD admissions. Patients who are admitted in IPD provided with free food and routine lab investigations.
- \* **How does the hospital achieve continuous quality improvement in patient care and safety?**
  - Hospital has well defined quality measures. All the activities pertaining to patient care and safety is regularly audited by EXECUTIVE DIRECTOR AND QUALITY ASSURANCE COMMITTEE.
- \* **What are the measures available for collecting feedback information from patients and for remedial actions based on such information?**
  - The feedbacks from the patients are obtained using Standard feedback form and grievance register, placed in the Hospital administrator room.
- \* **How does the institution ensure uniformity in treatment administered by the therapists?**
  - Frequent educational programme is conducted for Nurses and various technicians in the hospital to ensure the uniformity.
- \* **Does the institution conduct any orientation training program for AYUSH-based para-medical staff?**

- No.

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

- OBG department has audio-visual aids for improving maternal and child health

### 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?

- Composition of committee
- Chief advisor – Dr. Raman Dang
- Chairman – Dr. SV Rajendra
- Members – Dr.Mrudula and Mrs. Litha Thomas

Initiatives to make library user friendly

- Digital library
- Reading room
- Photocopying facility
- Categorization of books as per specialization
- Separate section for Pharm D
- Important books separately in reference section
- Separate section for journal / periodicals / thesis, etc
- Library timings extending beyond college working hours
- Book reservation facility

#### 4.3.2 Provide details of the following:

- \* **Total area of the library (in Sq. Mts.):** 150 Sq. Mts
- \* **Total seating capacity:** 80 Nos.
- \* **Working hours (on working days, on holidays, before examination, during examination, during vacation)**  
Holidays: 8 AM to 2 PM  
Before examination: 7 AM to 8 PM  
During examination: 7 AM to 9 PM  
During vacation: 8 AM to 2 PM
- \* **Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)**
- \* **Clear and prominent display of floor plan; adequate sign boards; fire alarm; access to differently-abled users and mode of access to collection**  
Clear and prominent display of floor plan; Yes available  
Adequate sign boards; Yes available  
Fire alarm; No  
Access to differently-abled users and - No  
Mode of access to collection – Categorization of books as per the subject/specialization and display of sign boards.



\* **List of library staff with their qualifications**

Mr. Paramanna Gogi, M. Librarian

Mrs. Munirathna, PUC., Certificate Course – Asst. Librarian

**4.3.3 Give details of the library holdings:**

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

	Existing up to 2014 - 2015		Newly added till 2015 - 2016		Total	
	No.	Value (Rs)	No.	Value	No.	Value
Text Books	6909	1325836	54	50362	6963	1376198
e-Books	-	-	4500	-	4500	
Journals	33	-			33	
e-Journals	1589				1589	
Digital Database	Helinet from RGUHS					
CD & Video	66				66	
Others (Thesis)	123		15		138	

**HELINET CONSORTIUM FOR THE YEAR 2016**

Sl.No	Items	Quantity
01	M/S Bentham Science e-journals	85 e-journals
02	M/S Wiley Pharmacy e-journals	04 e-journals
03	Proquest	1500 e-journals
04	Jaypee Digital E-Books	1500 e-books
05	Springer E-books	3000 e-books

\* **Average number of books added during the last three years**

- 2012-13: 3500
- 2013-14: 1200
- 2014-15: 2209
- 2015-16: 54

\* **Non Print (Microfiche, AV):** Not available

\* **Electronic (e-books, e-journals):** Using HELINET resources

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

\* **Book bank:** Not provided

\* **Question bank:** Available

#### 4.3.4 To what extent is ICT deployed in the library? Give details with regard to

- \* **Library automation:** Semi Automated
- \* **Total number of computers for general access:** 20 Nos.
- \* **Total numbers of printers for general access:** 01 no.
- \* **Internet band width speed**  2mbps  10 mbps  1 GB
- \* **Institutional Repository :**  Yes
- \* **Content management system for e-learning:** No
- \* **Participation in resource sharing networks/consortia (like INFLIBNET)**  
Helinet

#### 4.3.5 Give details of specialized services provided by the library with regard to

- \* **Manuscripts** – The library is equipped with both national and international research journals and total of 33 numbers of journals are available.
- \* **Reference** – an exclusive section for reference is provided and the list of books is mentioned in each racks.
- \* **Reprography / scanning** – Yes available
- \* **Inter-library Loan Service** - No
- \* **Information Deployment and Notification** – Two notice boards are installed outside the library, one for general instructions and other for student-oriented activities.
- \* **OPACS** - No
- \* **Internet Access** – Yes available
- \* **Downloads** – Yes provided
- \* **Printouts** – Yes provided
- \* **Reading list/ Bibliography compilation** – Yes available
- \* **In-house/remote access to e-resources** – In-house
- \* **User Orientation** – At the beginning of the course an orientation programme will be conducted to apprise the new students about various facilities and the procedure to avail them.
- \* **Assistance in searching Databases** – Yes provided
- \* **INFLIBNET/HELINET** - Helinet

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

- Flexible budget. Based on the requirement books are purchased on priority. Online journals are preferred. College itself has its own international journal and Dr. Sonal Dubey Head, Dept. of Pharmaceutical chemistry is the chief editor.

#### 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?

- Questionnaires will be provided in the library, students need to fill and drop it in the suggestion box. A quality analysis will be done to assess the services provided in the library and the same can be used for further improvement.

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

- Following initiatives were taken to develop the infrastructure of the library
  - ✓ Digital library
  - ✓ Reading room
  - ✓ Photocopying facility
  - ✓ Separate section for Pharm D
  - ✓ Separate section for journal / periodicals / thesis, etc
  - ✓ Library timings extending beyond college working hours
  - ✓ Book reservation facility

## 4.4 IT Infrastructure

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

#### \* IT Service Management

- Our college is committed to provide comprehensive IT facilities, ensure network security, with moderated access to internet contents, monitor and manage software asset, manage risk and take care of overall maintenance by engaging technicians for annual service and as and when the need arises.

#### \* Information Security

- Our college is committed to maintaining the security, confidentiality, integrity, and availability of information stored in its computer networks and data communications infrastructure is a responsibility shared by all users of those systems. All users of KCP systems are responsible for protecting those resources and the information processed, stored or transmitted thereby as set forth in this policy.

#### \* Network Security

- College is committed to provide network security by regulating and moderating the content access in internet and as well as other national laws regarding use and security of KCP network systems. Any violations of such activities are monitored continually by the System Administrator and his team.

#### \* Risk Management

- The objective of our college is to manage risks to minimize the exposure of itself and its network users to untoward event, or set of occurrences able to cause adverse effects, while concurrently maximising the efficiency and effectiveness of its operations in accordance with best practices recommended.

#### \* Software Asset Management

- To manage its software assets to derive maximum benefit to the KCP and its computing users and to ensure that all members of the computing users use, reproduce, distribute, transmit, and use computer software in compliance with the national laws.

#### \* Open Source Resources

Our college encourages the active use of open source products, either Operating systems or specific applications and foster a climate for creating / adapting open source solutions and to keep IT related expenditure at a minimum.

\* **Green Computing**

- Our college has committed to the upkeep of the environment by using efficient power consumption, IT upkeep practices, and to dispose all IT wastes in environmentally sustainable manner.

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

\* **Hospital Management Information System (HMIS)**

\* **Electronic Medical Records System (EMR)**

\* **Digital diagnostic and imaging systems including PACS**

- Our college provides patient medication counseling in MVJ medical College and Research Center; its tie-up hospital. All counseling resources and Patient information software like Micromedex® are subscribed to and are available for students and faculty to effectively carry out the counseling activities.

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

\* **Number of systems with individual configurations**

- 84 Intel x86 architecture (Intel® Dual Core 2.7 GHZ, 1 GB DD II RAM, 250 GB Hard, Disc, 17 Inch LCD screen and Intel ® Core i3.3 GHZ and 2GB DDR III RAM, 250 GB HDD & 18.5 Inch LCD display based PCs running Windows ® XP ™ and Windows 7 ® ™) These systems are available to faculty for their personal use, apart from that, the digital libraries comprising around 70 nodes connected to the leased internet back bone available for students with the same configuration.

\* **Computer-student ratio**

- Computer student ratio is 4:1.

\* **Dedicated computing facilities**

- All faculty are provided with PC for their personal use. In addition to the dedicated digital libraries, All the sophisticated instruments which has Computing compatibility are provided with stand alone systems.

\* **LAN facility**

- All the nodes of the digital libraries, and the nodes assigned to staff are connected by 100 MBPS LAN (routed through 48 port WEBSMART® switches) administered by qualified and dedicated personnel recruited for this purpose, comprising a system administrator and his team.

\* **Wi-Fi facility**

- In order to access the internet from laptop computers, other personal mobile internet devices, KCP provides campus-wide seamless internet connectivity using ARUBA® Controller 3200 supporting 30 APNs. Two SSIDS are available to the faculty and students, apart for the visitors to the campus. All the Wi-Fi nodes are secured and are access controlled by the system admin through the MAC ids of the devices front which the internet is accessed.

\* **Proprietary software**

- Operating systems – Windows ® XP and 7 ™
- SOPHOS ® Antivirus – 200 users
- Microsoft Office ® 2003 & 2007 – 150 users

\* **Number of nodes/ computers with internet facility**

- 70 nodes on LAN, and 200 nodes on Wi-Fi with separate SSIDS, connected to a 8 MBPS leased line from Aircel™ with static IP.

\* **Any other (specify)**

- Not applicable

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

- College have take steps to continually upgrade all IT assets and deployments meeting the needs of the user requirements in students and in faculty.
- Our college updates the computing resources in an annually to meet the specific needs of the users in procuring specific application software of interest to the faculty and students.
- Majority of the classroom are equipped with LCD projectors making it IT and multimedia enabled, thus creating an immersive learning experience.
- All Companion materials to textbooks given in CD and DVD formats are filed in the library for students to borrow and use.
- This process is monitored by IQAC continually and updates are done annually and from time to time as the need arises.

**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.**

- Our college subscribes to the RGUHS's Helinet learning resources annually which give a whole gamut of online reference materials and research journals available to all the students and faculty.

**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?**

- Majority of the learning and teaching processes are converted to electronic format for the easy consumption and assimilation of the students. All the teaching and Continual Internal Assessment are made online based on free ware cloud computing platforms available with Google Drive ® for effective information exchange.

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

- Each students has the access to the digital library which gives them access to the subscribed learning resources and these libraries are tied by to a dedicated LAN connected to a 8 MBPS high speed leased line available in wired and through dedicated Wi-Fi SSIDS for students and faculty.

**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?**

- The following class rooms in our college are provided with LCD Projection facilities, aimed at creating an interactive and immersive learning experience for its students:
  - Seminar Hall -1

- PG Pharmaceuticals tutorial room – 1
  - PG Pharma Chem tutorial room – 1
  - PG Pharmacology tutorial room – 1
  - UG Class room 5 -1
  - PG QA tutorial Room – 1
  - PG Anal tutorial Room - 1
- All these ICT assets are used for creating an immersive learning experience for students and make the teaching learning program more interactive and interesting. In addition all invited lectures and work shop are conducted in an interactive manner, creating value addition to learning processes.

#### **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?**

- Each Faculty is assigned a separate computer for his personal use with internet connection and requisite software for creating learning content. In addition our college has projection facility for creating an interactive learning experience and campus wide internet connectivity for effective learning content access and sharing.

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

- College has qualified System Administrator and his team for maintaining all Software and hardware issues. If need be these services are outsourced from time to time.

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

- Not available.

#### **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?**

- The faculty advises the students to make use of all standard and academically rigorous internet resources that help them in the learning and in enhancing their understanding.

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

- There is a priority for all developmental and maintenance work. AMC are periodically drawn. Emergency work is taken up as and when the need arises.

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

- Our college plans to make substantial IT investment in years to come and move towards cloud based learning solution to provide an immersive learning experience. We already use Google Drive to enable the internal assessment functions. The college also plans a Google EDU ® app implementation in near future.

### **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.**

- Yes, College has an estate office headed by Mr. Deepak Dhamanigi for supervising the maintenance of building, class room and laboratories. He controls fully fledged building sub-committee and maintenance sub-committee for construction and maintenance of physical infrastructure (buildings, water supply, and power supply and supervision).
- Initiatives undertaken are:
  - a. Video coverage is done in few class rooms, seminar hall, and library.
  - b. Wi-Fi is fully enabled in the campus.
  - c. Installed Effluent Treatment Plant in the campus.
  - d. Renovated animal house- fully air conditioned.
  - e. Staff rooms were renovated- each room is accommodated by two faculty members and they are provided with separate computers and internet facilities.
  - f. Replaced outdated computers and electrical gadgets with new ones.
  - g. Renovated of boys and girls common room.
  - h. Many new instruments were procured.
  - i. Repaired and restructured principal office.
  - j. Annual purchase and regular maintenance of furniture is carried out.

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

- The maintenance of infrastructure facilities, class rooms and laboratories are managed by the project office and the Campus Director's office, which is headed by Campus director and Mr. Deepak Dhamanigi. The maintenance is done in a specified and systematic manner. There is full-fledged office overlooks for construction and maintenance of physical infrastructure. The overseer is supported by Supervisor and various teams of skilled workers.
- **Building Maintenance:** The Principal, on the basis of the perspective development plan, proposes the infrastructural augmentation needs to the concerned authorities. The college development fund is utilized for maintenance and minor repairs of furniture and equipments. The College construction committee prepares the proposal and estimated cost of the planned construction project and submits it to management. The management if satisfied approves and allocates the funds. An effective monitoring system through various committees ensures the optimal utilization of budget allocated. The painting and polishing of the building is also done when and where needed.
- **Electric and Pumping Facilities:-** The electrical and pumping maintenance is done by a team headed by supervisor. The college has a self sufficient power supplier and also self sufficient generator for the maintenance of power. The daily checks and steps for all electrical equipment are ensured. Dedicated full time electrician / operators have been designated, who is responsible for daily Inspection, cleaning and maintenance and recorded in log books. The college has bore well water pumping station with automatic level monitoring / controlling facility to feed the constant supply of water through over head tank for meeting the requirement of the campus.



- **Transportation:** The College has more than 15 buses which picks up and drops students to different parts of the city via different places so that the students can choose the nearest stop to their residence. All the vehicles are having Insurance, RC, Pollution control certificate and fitness certification. Valid driving license is a pre-requisite for the drivers. Drivers with valid driving license are allowed to drive the vehicle.
- **Computing Facilities-Maintenance & Utilization:** Maintenance of computer facilities is done by IT department. Computing facilities are made available to the staff and students throughout the day and WiFi enabled facility shall be provided. If any major and minor complain or repair occurs, it is by the IT department people. The daily attendance is recorded by the biometric system and any complaint regarding that also is rectified by IT department.
- **Library:** Library is maintained and monitored by Library Committee. In every six month, physical verification is done in regular intervals. Individual Departmental Libraries are maintained by the department. The damaged books are replaced by binding or by new books every year. Regular basic swabbing of the Library floors and cleaning of the racks are done.
- **Calibration and maintenance for the equipment/instruments:** The calibration and maintenance of equipment is done in regular basis. Calibration is done by the faculty in charge of the laboratory and maintenance by the lab assistant whom is assisted by the lab in charge. The filters of the aquagaurds are frequently changed, to ensure the supply of pure water
- **Building Hygiene:** There is a group of skilled who take care of the building hygiene such as cleaning, sweeping etc. This is done daily and the supervisor will look for the neatness and hygiene.
- **Hostels:** The maintenance of hostel is taken care by the warden and they look for the proper supply of water and electricity
- **Canteen:** The prime importance in cooking and serving is hygienic and everything is taken care canteen in-charged. If anything goes wrong it is brought to the notice of the management and is rectified immediately.

#### 4.5.3 Has the institution insured its equipments and buildings?

- The equipment and building is insured by TATA AIG insurance company.

## 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, we have strong mentoring systems in which 20 students are allotted to each teachers; they'll be counseling the students on regular basis.

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

- We conduct regular class tests for each subject on weekly basis till they perform well.

#### 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, institution conducts an initial orientation program for all fresher for at least a week time, pre-placement counseling for preparation of interviews. Both final B. Pharm and M. Pharm students, finishing school programs are conducted on regular basis.

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

- Yes, this would be done as part of student mentoring

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

- Yes, we give the information & recommendation letters.

#### 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, we publish updated prospectus annually. We have official website ([www.pharmacy.krupanidhi.edu.in](http://www.pharmacy.krupanidhi.edu.in)) which specifies all updated details of our institution. We do have a college magazine which is an annual feature. It is a showcase to all students.

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

- Not applicable. Free seats and fee concession is offered to merited students and children of Krupanidhi staff.

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

- About 5% at UG level. PG level students do receive GPAT scholarship.

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

- Yes, International student needs are studied by class teachers and counselors. The International student director works with respective principals and international consultants, embassy for giving them a safe and comfortable stay.

### **5.1.10 What types of support services are available for**

- \* **overseas students**
- \* **physically challenged / differently-abled students**
- \* **SC/ST, OBC and economically weaker sections**
- \* **students participating in various competitions/conferences in India and abroad**
- \* **health centre, health insurance etc.**
- \* **skill development (spoken English, computer literacy, etc.)**
- We conduct special English/computer classes for foreign students and the students who need it. Registration and transport facility is extended to students participating in conferences/competitions. There is 24 hours transport available on call for health care to take the students to nearby hospital in case of emergency. In house we have doctor and nurses on call. Various programmes are conducted for skill development of students.
- \* **performance enhancement for slow learners.**
- Regular class tests, viva system in practical classes and also pre sessional viva as a part of internal examination.
- \* **exposure of students to other institutions of higher learning/ corporate/business houses, etc.**
- Students attend, participate, present in national and international level seminars Industrial training as a part of B. Pharm curriculum, some of the pg projects are carried out in pharm industries.
- \* **publication of student magazines, newsletters.**
- Yes, we publish student magazine annually, news letter 'Synergia' by dept. of pharmacy practice, a scientific journal 'journal of pharmaceutical science and research' a quarterly scientific journal.

### **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. There are teacher in-charge and counselors who regularly groom students for appearing and performing well in the competitive examinations.

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

- We conduct sports and cultural programs annually and also motivate the students to participate in national college level events. Sports uniform and costumes are provided to students for participation in national or competitive events. Attendance and special classes are conducted for students who miss the session due to participation at various events.

### **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 entrepreneurship**

### skills?

- Yes we have a student placement team with a industrial expert as chairman for the same. Pre-placement classes are conducted as a part of the same.

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

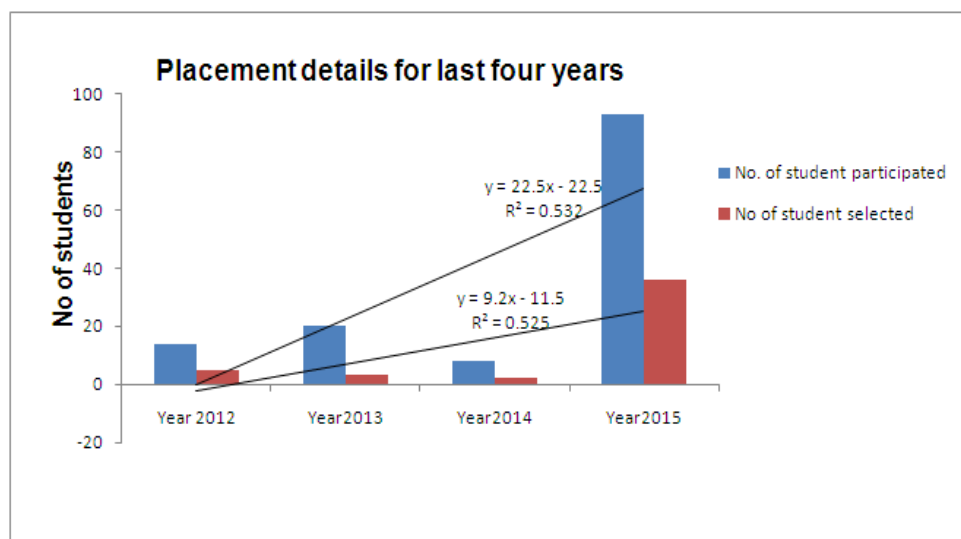
- We invite number of industrial experts and clinical experts as guest speakers. National level seminars are conducted. Arrange industrial visits to various Pharma & herbal industries for the students.

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

- 1-5% of students are drop out annually. For scoring 100%, counseling of the students are organizing every time.

### 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).

Sl no	Name of the employer	No. of student participated	No of the student selected	Year
1.	Indigene	14	05	2012
2.	Indigene	10	02	2013
3.	Connexious Pvt Ltd (Diabetic Preclinical Research centre).	10	01	2013
4.	Indigene Life systems	08	02	2014
5.	MedPlus	18	13	2015
6.	Sanofi India	16	04	2015
7	Zuventus	10	03	2015
8.	Eris life Sciences	15	08	2015
9.	Quintiles	26	06	2015



<b>Off Campus Placement</b>		
<b>Organization</b>	<b>Number of Students Participated</b>	<b>Number of Students Placed</b>
<b>Healthcare Global Enterprises Ltd- Trainee Pharmacist</b>	2	1
<b>Rainbow Hospitals</b>	1	1
<b>Glaxo Smith Kline- Sales</b>	7	1
<b>Bharath Biotech</b>	8	3
<b>Modi Mundi pharma</b>	2	1
<b>Quintiles</b>	10	3
<b>Glaxo Smith Kline- QA</b>	1	1
<b>Pharmaleaf</b>	1	1
<b>Lotus Labs</b>	2	2
<b>HCG hospitals-Clinical pharmacologist</b>	1	1
<b>Magna Health care</b>	6	3
<b>IMS health</b>	8	2

**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?**

- Alumni association constituted in 2006 and registered. There is annual Alumni meet every year.

**5.1.18 List a few prominent alumni of the institution.**

Name	Designation	Place
Dr Srikanth Kolluru	Asst Professor. Irma Lerma Rangel College of Pharmacy	Texas
Dr Ravi Iyer	Senior Research Analyst with CVS. Caremark Inc.	Chicago
Mrs. Padmaja Gadde	Staff Pharmacist for CVS Pharmacy	San Diego
Mr. Remiz Muhammed	Business Leader-Patni Computer system	Florida
Mrs. Mamtha	Drug Inspector, Govt of Karnataka	Bangalore
Mr K Kiran Kumar	Deputy Manager, Tech. Transfer. Dr Reddy,s Laboratories	Hyderabad

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

- We are in constant touch with our Alumnis. We attend to their requirement for staff and projects through our student power.

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

- Yes. Mainly for minor thefts and teasing which are addressed immediately by the team.

**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. Staffs are encouraged to attend and participate in various seminars and awareness programmes to deal with sexual harassment.

**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, there is a strong anti-ragging committee. No major cases have been reported in the last four years.

**5.1.23 How does the institution elicit the cooperation of all its stakeholders to ensure the overall development of its students?**

- Various committees are formed which work actively and in accordance with the principal to give the best to the students.

**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**

- Students today do not show any gender bias. Both male and female students participate actively. Sports and cultural activities where such efforts were made.

- Students participated in inter institutional events on cultural activities
- PES college aspiration-2014
- BGS gala-2014
- Oxford quiz competition-2013

**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. We have an MOU with MVJ hospital for pharm D students, Teleradiography, Green Chem for more community learning and exposure.

**5.1.26 Does the institution have immunization policy for its students and staff?**

- No but awareness is given time to time.

**5.1.27 Does the institution give thrust on students growth in terms of:**

**\* Physical development,**

- Yes in terms of sports & extra-curricular activities

**\* Emotional control**

- Student mentors and class teachers give a lot of support for students during their problems.

**\* Social dimension and**

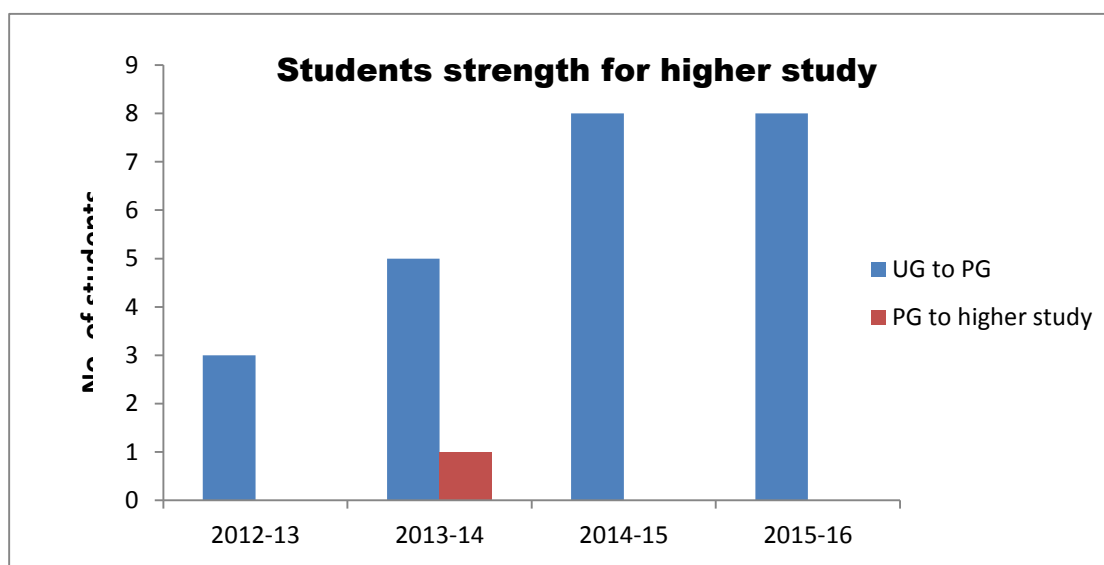
- NSS programs, various health camps, blood donation etc.

**\* Spiritual growth.**

- Encouraged to meditate, practice Yoga and Concentrate.

**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.**





**5.2.2 What is the number and percentage of students who appeared/qualified in examinations for Central / State services, Defense, Civil Services, etc.?**

- Not applicable.

**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.**

Programmes	2011-13			2012-14			2013-15			2014-16		
	S	A	R	S	A	R	S	A	R	S	A	R
PG dissertations	36	36	0	25	25	0	17	17	0	14	14	0
Ph.D	2	2	0	0	0	0	0	0	0	2	2	0

\* S = Submitted; A = Accepted; R = Rejected.

**5.2.4 What is the percentage of graduates under AYUSH programs employed in the following?**

- \* AYUSH departments/Hospitals,
  - \* Multinational companies,
  - \* Health clubs,
  - \* Spas,
  - \* Yoga wellness centers,
  - \* Yoga studios,
  - \* Health clubs,
  - \* Own Yoga cubes/studios?
- Not applicable. Our college students are employed in different multinational companies through campus interview which are conducted through our placement cell.

**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.**

- The college has wide range of cultural, sports and extracurricular activities.
- Student's participation is encouraged by additional academic support and academic flexibility in examinations. Students involved in cultural activities, sports and extracurricular activities get additional coaching by Mentors. The students who win the medals in different competitions are recognized during Annual day celebration.
- The college encourages the students to participate in various cultural and sports event, which are coordinated by cultural and sports committee with the following members.
- College has its own Basketball court, Badminton court and range of indoor games.

SL.NO	CULTURAL EVENTS		SPORTS	
	Off stage events	On stage events	In door games	Outdoor games
1	Rangoli	Solo dance	Chess	100mts running
2	Dumb Charades	Group dance	Caroms	200mts Running
3	Debate	Solo Song		400mts Running
4	Mehendi	Group song		800mts Running
5	Flower decoration	Antakshari		50mts Lemon and spoon race
6	Drawing and painting	Skit		Short put
7	Quiz	Mad adds		Discuss throw
8	Essay writing	Duet dance		Javelin throw
9	Food fest	Fashion show		Long jump
10	Hair styling			High Jump

### Extra Curricular Activities

1. Teacher's day Celebration
2. Fresher's Day Celebration
3. World AIDS Day awareness rally
4. National Pharmacy Week celebration
5. National Pharmacist day celebration
6. National Education day celebration
7. Founders Day Celebration
8. Children's day Celebration.
9. Republic Day Celebration.
10. Independence Day Celebration.
11. Saraswati Pooja.
12. Ifthar Party
13. Christmas & New Year celebration.

### 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.

SL NO	ORGANIZERS	EVENTS	AWARD
1	PES College Aspiration-2014	Quiz	2 <sup>nd</sup> Prize
2	PES College Aspiration-2014	Fashion Show	2 <sup>nd</sup> Prize
3	PES College Aspiration-2014	Group Song	2 <sup>nd</sup> Prize
4	PES College Aspiration-2014	Solo Song	2 <sup>nd</sup> Prize
5	BGS Gala-2014	Group dance	Participated
6	BGS Gala-2014	Fashion show	Participated
7	BGS Gala-2014	Solo Dance	Participated
8	BGS Gala-2014	Group song	Participated
9	BGS Gala-2014	Solo singing	Participated

### INTER COLLEGE ACTIVITIES 2014-15

Sl NO	Inter College Event	Events	Name of Participant	Participation/ Award
1.	PES Aspiration	Solo Song	Manu Shankar	First Prize
2.	PES Aspiration	Face Painting	Trushith Patel	Third Prize
3.	PES Aspiration	Quiz	Riju Pathak Ren Joy Ahmed Fuwad	First Prize
4.	PES Aspiration	Debate	Riju Pathak Trushith Patel	Participated
5.	PES Aspiration	Solo dance	Nasrin Alyan	Participated
6.	Expressions 2015	Solo Song	Manu Shankar	Second Prize
7.	Expressions 2015	Fashion Show	Renoy and Group	Second Prize
8.	Expressions 2015	Group dance	Renoy and Group	Second Prize
9.	Expressions 2015	Solo dance	Sindhuja	First Prize
10.	Expressions 2015	Group song	Manushankar and Group	Participated

#### **5.3.3 Does the institution provide incentives for students who participate in national / regional levels in sports and cultural events?**

Yes,

- Financial assistance is given for travel and registration.
- Talents/ sports students are provided with appropriate materials & remuneration.
- Awards for winners of sports and cultural events during each academic year.
- Recognition for all the participants on appropriate plat forms.
- Attendance privileges given during the events.

#### **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.**

- Students are the dynamic part of publication team for the college magazine and other journals. The college encourages publishing magazine in which articles of students and lectures are published on concerned subject. This provides an opportunity for students to improve writing and publishing articles. The entire activity of collecting articles, puzzles, newsletters, designing the cover page is done by the students under the guidance of staff members .Students design posters, brochure and invitations for various programmes hosted by the college.
  - ✓ Contributions to research journals
  - ✓ Contributions to news letter
  - ✓ Contributions to magazine
  - ✓ Students present their papers in various seminars and conferences
  - ✓ Participation in industrial tours

**5.3.5 Does the institution have a Student Council or any other similar body? Give details on its constitution, activities and funding.**

- Yes, Student council/Student Welfare Committee are very active and perform numerous co- curricular and cultural activities. The college provides the funds for such activities. The constitution involves all class representatives and the respective class teachers.

**Alumni Association:**

- The Krupanidhi college of Pharmacy Alumni association was formed to provide a platform for the alumni of Krupanidhi College of pharmacy. It functions under head of the institution .The membership is open to all the alumni of the college who have undergone Postgraduate/undergraduate/diploma course in the Krupanidhi college of pharmacy. Alumni association organizes periodical get-to gathers to have better interaction with the students. Alumni awards prizes to the top scorers from every class.

**5.3.6 Give details of various academic and administrative bodies that have student representatives in them. Also provide details of their activities.**

- The college has constituted academic and administrative bodies with clear descriptions.
- The college also has constituted nearly 20 committees with student's representation on each committee

- ✓ Anti ragging
- ✓ Alumni
- ✓ Industrial Tour
- ✓ Cultural
- ✓ Sports
- ✓ Library and Placement
- ✓ Journal / News Letter
- ✓ NSS and Anti Ragging
- ✓ Student Grievance Cell
- ✓ Hostel and Recreation Activities
- ✓ Welfare & Farewell
- ✓ Student Bulletin Board
- ✓ Finishing School
- ✓ Medicinal Plants
- ✓ Student Feedback
- ✓ Museum and Journal Club

- All the committees have maintained the proceedings and submit their report to the principal.
- Committees will make the necessary changes according to the recommendation from the principal and management.
- Students participate in various committees and modulate the institutional functioning for excellence.

**Any other information regarding Student Support and Progression which the institution would like to include.**

- Students are the integral part of the decision making body. Their suggestions and involvement is encouraged in organizing programmes, events, workshops. There is a special student bulletin board dedicated for expressing their skills and art.

## CRITERION –VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 Institutional Vision and Leadership

#### 6.1.1 State the vision and the mission of the institution.

**Vision:** “We carve stones, we just don't polish them, we make monuments out of them”.

**Mission:** Nurture the future Pharmacist with focused approach for professional excellence and complete overall development.

#### 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, it provides institution and students seeking, serving and fulfills the needs of the society.

#### 6.1.3 How is the leadership involved in

##### \* developing E-Governance strategies for the institution?

- Immense the management and all principals are in for e-Governance and automation.
- \* ensuring the organization’s management system development, implementation and continuous improvement?
- Yes, there is continuous involvement and sessions for development by the top leadership.

##### \* interacting with its stakeholders?

- The chairman and the principal have regular interactions with the stake holders. This helps in increasing work efficiency and results in proper accountability.

##### \* reinforcing a culture of excellence?

- Yes, Always. Total quality management is our goal through culture of excellence.

##### \* identifying organizational needs and striving to fulfill them?

- Regular interactive sessions with staff and students help to understand the organizational needs. It helps in fulfilling them effectively.

#### 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?

- Yes.

#### 6.1.6 Does the institution promote a culture of participative management? If yes, indicate the levels of participative management.

- Institution promotes a healthy culture of participative management. Management itself takes personal interest in developing and giving opportunities to staff and students to participate in various seminars, workshop and cultural activities with management’s sole interest and sponsorship.

#### 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 Principal of the college plays the role imparting smooth functioning of administrative and academic processes through various committees such as admission procedure, financial planning and utilization of resources, curricular and co-curricular programs, extension programs, providing infrastructure and their maintenance. The Principal manages co-ordination with the external agencies like the University, Director Office and other Government bodies to comply necessary regulations. The management is always encouraging and supporting the involvement of the staff in the improvement of the effectiveness and efficiency of the institutional process. The management through the head of the institution involves the staff members in various activities related to the development of the college. The staff members are involved by way of constitution of various committees such as Building Committee, Advisory Committee, Discipline Committee, Examination Committee, etc. The best working committee is appreciated and the staff members involved are suitably rewarded.

**6.1.10 Has the institution evolved a knowledge management strategy which encompasses the following aspects such as access to**

- \* **Information Technology,**
- \* **National Knowledge Network (NKN),**
- \* **Data Bank,**
- \* **Other open access resources along with effective intranet facilities with unrestricted access to learners.**

**If yes, give details.**

- Not applicable

**6.1.11 How are the following values reflected in the functioning of the institution?**

- Contributing to National development
- Fostering global competencies among students
- Inculcating a sound value system among students
- Promoting use of technology
- Quest for excellence

**6.1.12 Has the institution been indicted / given any adverse reports by National Regulatory bodies? If so, provide details.**

- No.

**6.1.13 What are the projected budgetary provisions towards teaching, health care services, research, faculty development, etc.?**

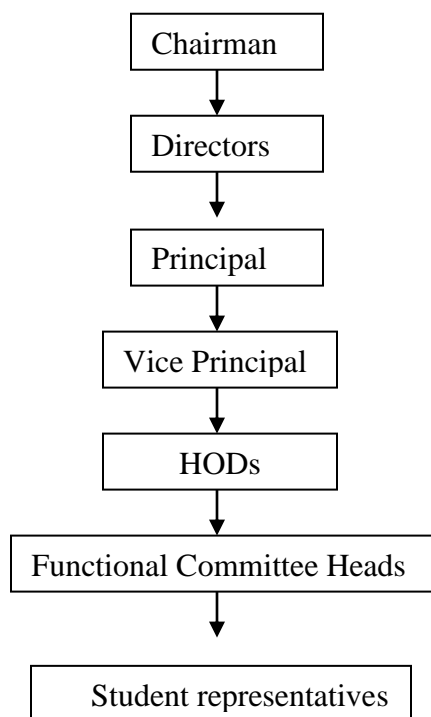
- As per norms of the Govt. major budget is towards the teaching, research and faculty development.

## 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?

- \* **Vision and mission**
  - The stated vision and mission is strictly adhered to.
- \* **Teaching and learning**
  - It is continuous process and is diligently followed.
- \* **Research and development**
  - Continuous and very focussed.
- \* **Community engagement / outreach activities**
  - Yes, Plenty.
- \* **Human resource planning and development**
  - Yes. Advisory plan looks into it in association with the principal.
- \* **Industry interaction**
  - Immense.
  - Industrial personals are a regular feature for talks.
  - Industrial projects for our students
  - Hands on training for our staffs.
- \* **Internationalization**
  - Yes, looking forward for MOUs. As on now we have had people around the globe as speakers. Even from USFDA

### 6.2.2 Describe the institution's internal organizational structure (preferably through an organogram) and decision making processes and their effectiveness.





- \* Is there a system for auditing health care quality and patient safety? If yes, describe.
- Yes, in our associated hospital MVJ.
- \* How often are these review meetings held with the administrative staff?
- Quarterly once to review the functional process.

**6.2.3 Does the institution conduct regular meetings of its various Authorities and Statutory bodies? Provide details.**

- Yes. Statutory bodies have their routine inspections yearly once. Compliance is strictly done. Various authorities meet regularly and adhere to the schedule for proper functioning and development.

**6.2.4 Does the institution have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?**

- Yes, there is an advisory committee which strictly designs the calendar of events and ensures its proper and effective implementation.

**6.2.5 Does the institution encourage its academic departments to function independently and autonomously and how does it ensure accountability?**

- Yes. Academic and research freedom is given. There is a review of the work and tasks accomplished every week by the principal and department heads.

**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?**

- Not applicable

**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?**

- Yes, institution has a grievances cell and it has a core committee to go through and resolve. We too have special student counseling system where students will be guided by a counselor that is one of the staff member and any issues in this regard will be (i.e teaching, hostel etc) brought to the notice of core committee and resolved by discussions.

**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 institution has a mechanism for analyzing student feedback system.

**6.2.9 Does the institution conduct performance audit of the various departments?**

- Informally yes. There is appraisal of department heads and staff for functional surety.

**6.2.10 What mechanisms have been evolved by the institution to identify the developmental needs of its affiliated / constituent institutions?**

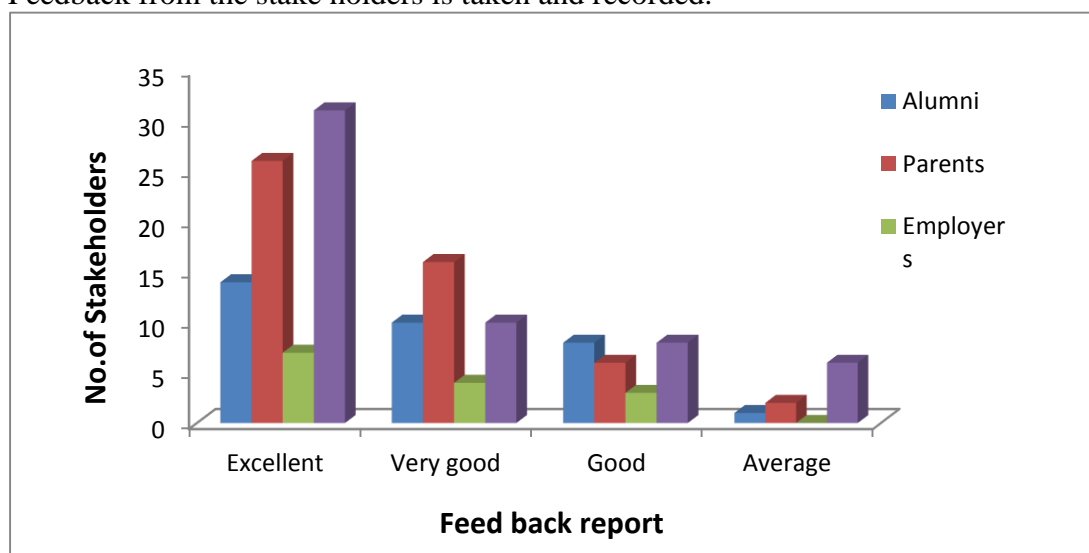
- Campus director discussing and consultation with all the principals take a decision on the overall infrastructural development.

**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 and consultation charges available on the website?**

- Yes, we are having our own institutional website with updated all information.  
[www.pharmacy.krupanidhi.edu.in](http://www.pharmacy.krupanidhi.edu.in)

**6.2.12 What are the feedback mechanisms and documentations to evaluate the outcomes of these exercises?**

- Feedback from the stake holders is taken and recorded.



**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 institution organizes workshops, seminars, symposiums, conferences to enhance the professional development of teaching faculty. Faculty members of the institution actively participate in state and national seminars & conferences. The institution provides on duty facility to participate in seminars, conferences & workshop. The institution encourages the faculty to pursue higher studies like Ph.D & research activities. Faculty members are extended library, laboratory, internet facilities for academic & research developmental activities and are also encouraged to give lectures in professional associations as resource persons. The HOD's of various department organizing the training programmes from time to time to train non-teaching staff of respective department in various aspects. Different types of innovative programmes such as stress management, computer awareness programmes are organized for all the office and nonteaching staff. Continuing professional development (CPD) or Continuing professional education (CPE) is the means by which faculty maintain their knowledge and skills related to their professional lives. Continuing professional development is essential to continuous improvement whether new initiatives are being implemented or staffs are seeking to enhance the effectiveness of programs already in

place. In the continuous improvement process, professional development is driven by the analysis of student needs, is targeted on specific skills needed by individuals and groups of teachers, and is on-going and integral to the implementation process.

**6.3.2 What is the outcome of the review of various appraisal methods used by the institution? List the important decisions.**

- The management plays important role in the performance self appraisal of the faculty. Monthly reports have been collected from each of the faculty. The management keeps watch on the working of the teaching as well as non teaching faculty. Annual increments & promotions are given to all faculties. The management after the appraisal of the faculty gives all benefits such as providing free food for all the non-teaching staff every day, medical insurance for non-teaching staff, travel grants providing facility of college buses for all the teaching & non-teaching staff, students etc.

**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.**

- There are many welfare schemes available for teaching & non-teaching staff
- Provident fund scheme for employees. 100% of staff have availed such facility
- The college provides free uniforms periodically to its entire staff
- The college provides Free food for non-teaching staff every day
- Annual increments and promotions are given for the faculty
- Medical insurance for non-teaching staff
- On duty leave is provided for the staff attending seminars, conferences & workshops etc.
- The institution encourages the faculty to pursue higher studies like Ph.D.
- Research collaborations with industries.

**6.3.4 What are the measures taken by the institution for attracting and retaining eminent faculty?**

- Annual increments and promotions are given to all the faculties
- The faculty is consistently appreciated for its academic achievements
- Faculty members are encouraged to write text books, reference books, book chapters for self development.
- 6<sup>th</sup> pay salary is offered to the faculty according to their experience and qualification

**6.3.5 Has the institution conducted a gender audit during the last four years? If yes, mention a few salient findings.**

- No

**6.3.6 Does the institution conduct any gender sensitization programs for its faculty?**

- Yes, there are awareness talks and discussions.

**6.3.7 How does the institution train its support staff in better communication skills with patients?**

- Local language learning is emphasized. Polite and helping attitude is taught and is practiced.

**6.3.8 Whether the research interests of teaching faculty are displayed in the respective departments?**

- The institution encourages the teaching faculty for the research activity. The teachers are guiding PG students of respective departments & the teaching faculty applied for research grants for doing research in the college.

**6.3.9 Do faculty members mentor junior faculty and students?**

- Yes definitely. There is a fixed protocol and details are frequently recorded. For students there is a mentor and junior faculty is groomed from time to time.

**6.3.10 Does the institution offer incentives for faculty empowerment?**

- Yes the institution offers increments and promotions to all the faculties

**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?**

- Institution is monitoring the effective and efficient method for financial matters through fees from the students and any other financial matters like salary for the teaching and non teaching staffs are crediting directly through Axis bank/Yes bank.

**6.4.2 Does the institution have a mechanism for internal and external audit? Give details.**

- Yes, Internal and external audit is done every financial year ending i.e 31<sup>st</sup> March by G. Sahadev and Associates.

**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 audited regular basis and there are no audit objections.

**6.4.4 Provide the audited statement of accounts with details of expenses for academic, research and administrative activities of the last four years.**

- Last four financial year audit reports are given below for the whole institution as a Krupanidhi Educational Trust. From this year onwards i.e 2014-2015 Pharmacy account are maintained separately.

**6.4.5 Narrate the efforts taken by the institution for resource mobilization.**

- Mainly resource mobilization by the institution is through fees. In case any major capital expenditure, it will manage through bank loans.

**6.4.6 Is there any provision for the institution to create a corpus fund? If yes, give details.**

- Not applicable

**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 periodically conducts both academic and administrative audits for the development of Quality benchmarks.

##### **Academic audit:**

- It is conducted both at internal and external level

##### **Internal level:**

- College level meetings chaired by the principal with all the allotted committees
- Calendar of events should be strictly adhered is the prime focus
- The journal committee to monitor the publication of the college
- Anti-ragging committee to monitor and control, the menace of ragging

##### **External audits:**

- The complete audit of the work load and self performance analysis
- The external experts give their feedback during Academic council, Meetings and Examinations.
- Centralized admin department and accounts section takes care of the requirements
- The statutory councils viz., PCI, AICTE etc periodically inspect the respective faculties and the compliance of the institute if any to be rectified from time to time.

#### **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 administrative performance?**

- The periodic review helps to improvise the strategy of growth
- Development of medicinal garden on a large scale and maintenance of existing one.
- Improvising of the animal house as per norms
- To cater to the needs of the hospital, doctors, patients a highly dynamic Drug Information Centre was established.
- Periodic upgradation of laboratories
- Improving students of overall performance is our main aim.
- Existing facilities and methodologies are maintained, followed. Newer concepts are employed to enhance the overall development

#### **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?**

- It consists of the Chairperson and members of the Faculty Development and Curriculum Development committee. As the college emphasizes more on grooming the students in to professionals, highly qualified and experienced faculties are been appointed. Teaching methods include power point presentations. The college insists, as part of the curriculum, students to appear regularly for class tests on various topics and teachers evaluate each student based on it to develop and improve academic performance. The test copies are evaluated within the short duration and the marks are entered online which keeps track of the academic progress of the students. Based on the marks scored in the class test, the student level is judged by the staff member and appropriate action is taken.

Students appear for repeated test, re-tests and viva to improve these approach and overall academic performance. Counseling is given to slow learners. The schedule, timetable and lesson plan of the classes are finalized in the beginning of the academic session. Monthly reports of the staff is submitted to chairperson

#### **6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?**

- Our college has formed member & committee from 2014 onwards.

#### **Committee members are:**

<b>Management:</b>	Prof. Dr. Suresh Nagpal
<b>Chairperson:</b>	Prof. Dr. Raman Dang
<b>External Expert:</b>	Dr.Venkatesh G
<b>Senior Admin officers and Advisory board:</b>	Prof. Dr. M.D. Karvekar Prof. P.V. Mallya Prof. Narendra Kumar
<b>No. of administrative/Technical staff:</b>	Mrs.Bharathi and Mrs. Revathi
<b>Coordinators:</b>	Dr. Kuntal Das Ms. Deepthi
<b>Documentation:</b>	Mr. Chandramouli Mrs. Preethi Mrs. Litha Mrs. Prabitha
<b>No. of Students:</b>	Mr. Basudev and Mr. Kishore G
<b>Members:</b>	Dr. Sonal Dubey Dr. Mahesh N.M Dr. Bharani S
<b>Local society:</b>	Prof. Tonopy
<b>Alumni:</b>	Mrs. Kavitha A.N Ms. Jyothi Mr. Mahesh A R Ms. Kinnera
<b>No of other stakeholder:</b>	02
<b>Industrialist:</b>	Mr. Rajendran (CEO, Green chem)
<b>Hospital:</b>	Dr. Venkantadri

**1.2.7 How many decisions of the IQAC have been placed before the statutory authorities of the institution for implementation?**

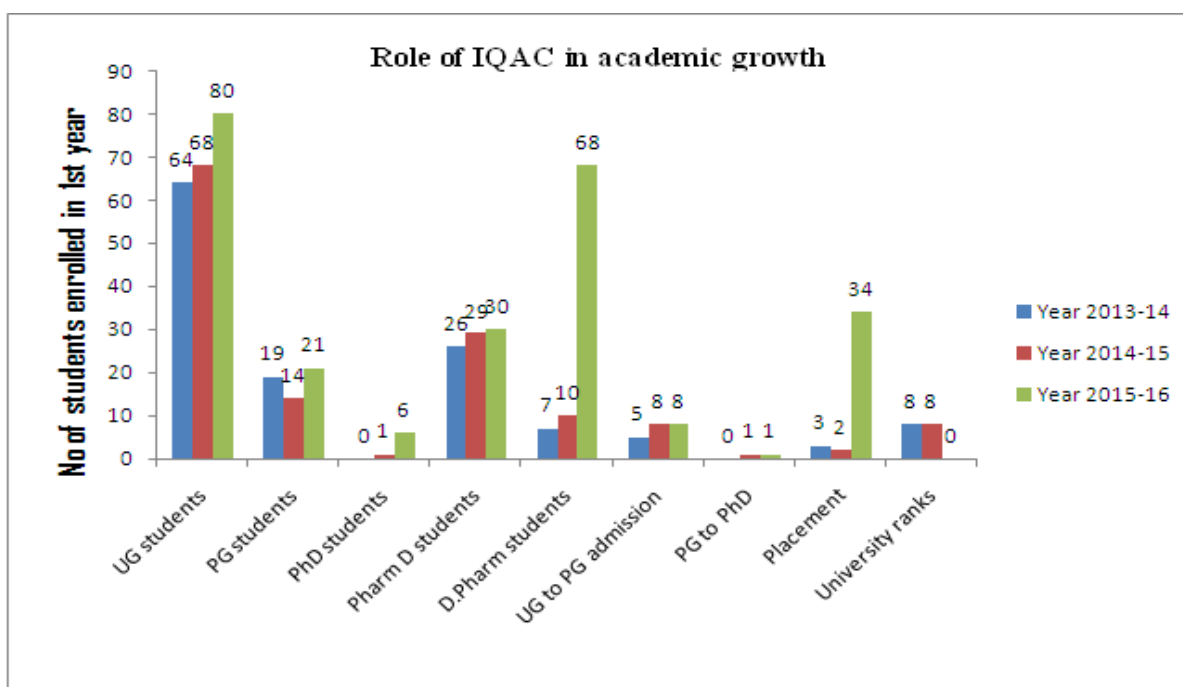
- There are periodic consultation and regular monitoring for continuous quality improvement. Every decision is placed before the statutory authorities of the Institution for implementation.

**6.5.6 Are external members represented in the IQAC? If so, mention the significant contribution made by such members.**

- Yes. Dr.Venkatesh.G is Director Advance research with our affiliating university. Enormous knowledge and expertise is gained to strengthen or research base and develop further.
- Dr.Venkatadri H.O.D Pharmacology, M. V.J Hospital, the entire pharmacovigilance cell and ADR monitoring is relectant on him.He is a big assistance in strengthening our Pharm D course.

**6.5.7 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?**

- Yes. Periodic studies are always conducted for review and betterment.



$$\text{Correlation (r)} = \frac{N\sum xy - (\sum x)(\sum y)}{\sqrt{[N\sum x^2 - (\sum x)^2][N\sum y^2 - (\sum y)^2]}}$$

Where,

N= No. of Pair of score

$\sum xy$  = sum of the products of paired scores

$\sum x$  = sum of x scores;  $\sum y$  = sum of y scores

$\sum x^2$  = sum of squared x scores;  $\sum y^2$  = sum of squared y scores



As per the calculation:

Correlation (r) = 0.992 (Year 2013-14 with year 2014-15)

Correlation (r) = 0.695 (Year 2013-14 with year 2015-16)

Correlation (r) = 0.712 (Year 2014-15 with year 2015-16)

Correlation of year 2015-16 with previous two years are showed less due to results are still not announced so rank lists from University are still awaited but, the enrollment of students in 1<sup>st</sup> year courses are positively increased.

**6.5.8 Are there effective mechanisms to conduct regular clinical audit of the teaching hospital? Give details.**

- Yes. The affiliating hospital MVJ itself has their full proof mechanism for clinical audit. At one end the team of experts reviews and takes corrective measures.

**6.5.9 Has the institution or hospital been accredited by any other national / international body?**

- We are ISO certified and have recently got UGC 2(f) certification.

**6.5.10 Does the hospital have institutional and individual insurance schemes to cover indemnity claims?**

- Yes, Group insurance excits.

## CRITERION –VII: INNOVATIONS AND BEST PRACTICES

### 7.1 Environment Consciousness

#### 7.1.1 Does the institution conduct a Green Audit of its campus?

- Yes. A priority always. Ours is a green campus. Each concept is in pretext to nature.

#### 7.1.2 What are the initiatives taken by the institution to make the campus eco-friendly?

- \* **Energy conservation:** Yes
- \* **Use of renewable energy:** Yes
- \* **Water harvesting:** Yes
- \* **Solar panels:** Yes
- \* **Efforts for carbon neutrality:** No
- \* **Plantation - Botanical or Medicinal significance:** Yes
- \* **Bio-hazardous waste management:** Yes
- \* **E-waste management:** Yes
- \* **Effluent treatment and recycling plant:**  
Effluent treatment: Yes, Recycling plant on the anvil.
- \* **Recognition / certification for environment friendliness:** No
- \* **Any other (specify):** Green and all nature concepts are adapted in all spheres including the name plates.

#### i. How does the institution ensure that robust infection control and radiation safety measures are effectively implemented on campus?

Not applicable.

#### ii. Has the institution been audited / accredited by any other agency such as NABL, NABH, etc.?

Yes, our college accredited by NAAC during their inspection in November, 2014.

### 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.

- The Establishment of Center For Pharmaceutical Professional Advancement – CPPA in the Year 2010

#### New Value Added knowledge Initiatives and Innovation at KCP

- This Center is a horizontal integration of knowledge base from the Krupanidhi College of Pharmacy, Krupanidhi Business School and the Finishing School the proclaimed objective of this Center is to develop our students for Life –Skills Training, Personality Development, Pharmaceutical Industry orientation and Employability skills.
- The Goal is Simple Prepare our students for the future. Make them Competent, Confident & Consistent

### **Objectives of the CPPA:**

#### **#1. Training on Current Industry & Hospital Oriented Topics**

- These Programmes, an amalgamation of a few Industry specializations, and is imparted to all the students of the Final Year B'Pharm, Pharm D and Post-graduate level. Specializations like Regulatory Affairs, Clinical Research, Production Management, Business Entrepreneurship, Intellectual Property Management, Cosmeceuticals, Nutraceuticals, Pharmacoeconomics, Pharmacovigilance, Nanopharmaceuticals, Hospital & Retail Pharmacy etc

#### **#2. Soft Skills Training by our Business School -Finishing School faculty**

- Soft Skills include skills such as Business communication, Presentation Skills, Art of negotiation, Corporate etiquette, Language Skills, Personality Development, Creativity etc. Soft skills can be classified into corporate skills, Employability skills and Life skills.

#### **#3. Guest lectures, Seminars, Workshops by Industry Experts**

- Another visionary Initiatives at KCP is to Invite Eminent Industry experts at regular intervals from the Industry, Hospitals and the Regulators to visit our College, Interact with our students and Deliver Guest Lectures, Seminars, Symposiums and Workshops, this interaction directly exposes our students to the current trends in the Pharma Universe

#### **#4. Organising of M'Pharm Industry projects, Pharm D Internships and suitable Industry Placements for our students.**

- With changing times, new knowledge and skills become necessary. At KCP we are focussed to bring about this positive changes thru CPPA.

#### **#5. Organising Pharmaceutical Industry, CRO's, Research Labs Tour in the students and Other Pharmaceutical Hubs and Clusters in India**

### **Vision - CPPA**

- To sharpen Value added Technical Skills and soft-skills of students to make them ready from Campus to Corporate, to develop and deliver programmes, modules, short courses and capsules which strengthen the students besides day-to-day academic learning.

### **Mission**

- Sharpen students Employability potential
- To motivate students for leadership qualities and aptitude needed by the profession.
- To shape the personality and attitude of students for better future.
- To augment and sharpen the analytical and comprehension skills of the students.
- Orientation towards the Placement.

### **CPPA- Center for Pharmaceutical Professional Advancement**

The Indian Pharmaceutical Industry has become global with operations in India and almost all the Regions of the world, and is growing exponentially. Companies are looking for candidates who are smart and can present themselves well. Students are not able to catch up with the pace of growth opportunity as they lack employability skills or soft skills. Soft Skills training has become a must for the students who want to go for job or higher studies. Most employers these days want to hire, retain and promote persons who are dependable, resourceful, ethical, self-directed having effective communication, willing to work and learn and having positive attitude.

With this in mind the Krupanidhi College of Pharmacy has commenced a new and a positive initiative based on finishing and polishing concepts for Student centric, Student

focused and Student development activities called **CPPA- Center for Pharmaceutical Professional Advancement**. CPPA lays emphasis on Value added Technical Skills as well as soft skills.

Soft skills or Emotional Intelligence Skills strengthen the students from within. Soft skills are about enabling and empowering. These skills empower them to understand their own SWOT - Strengths, Weakness, Opportunities, Threats- and how best they can come across as competent individuals in any given situation. At CPPA, coaching is imparted to fine-tune the students' attitudes, values, beliefs, motivation, desires, feelings, eagerness to learn, willingness to share and embrace new ideas, goal orientation, flexibility, persuasion, futuristic thinking, compassion, diplomacy, and various skill sets of communication, manners, and etiquette so that they will be able to deal with different situations diligently and responsibly.

Soft skill is not a visible skill like the domain subject content the student learns in his Academic career, but it helps in improving the personality of the person. It gives finishing touch to the personality. Soft skills will help the students increase their employability potential and face the challenges of the present time.

Hard skills are technical skills whereas soft skills are at the surface providing finishing touches for success. The blend of both skills is essential for personal, professional and social success. The significance and relevance of soft skills equip the students with adequate ammunition to face corporate battles and challenges.

#### **CPPA Curriculum and Objectives**

The Curriculum and Modules have been developed. In consultation with the Institutes Governing Council, Corporate Panel, Subject Experts, the Industry -Institutes Partnership Centres and with support and co-operation from distinguished people from the industry.

#### **Industry Modules :**

1. Value added short professional courses designed as per the requirement of the industry
2. Regular Guest-lectures, Seminars, Workshops, the faculty selected from Pharmaceutical Industry, Hospitals and Subject experts in respective branches to sharpen the skills of students.
3. On Job Training programs at Hospitals, Industry .
4. Participating in Conferences, Symposiums, Exhibitions etc
5. Training based on learning-by-doing philosophy.

#### **Personality Development Modules :**

1. Exclusive faculty resource to impart soft skill training.
2. Become self-confident individuals by mastering inter-personal skills, team management skills, and leadership skills
3. Stress, Strain and Conflict management thru simple techniques.
4. Develop broad career plans, evaluate the employment market, identify the organizations to get good placement, match the job requirements and skill sets
5. Develop effective communication skills , presentation skills, business correspondence .
6. Develop all-round personalities with a mature outlook to function effectively in different circumstances
7. Take part effectively in various Interview and selection procedures adopted by the Pharma Companies, Campus Interviews etc

The Periodic training programmes which is unobtrusive to their Regular Academic Time-Table is conducted in a very informal, interesting, and interactive manner, which gives ample scope for the students to interact with each other and face a wide variety of

issues, topics, and situations that they are likely to come across as entry-level Officers, Executives, Associates. etc. in the Working and Corporate environment.

### **Different Kinds of Training Imparted:**

- Induction training for freshers
- Classroom training
- On job training
- Outbound management training
- Industry visit

## **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.**

#### **1. Title of the Practice**

The Best Practice that contributed to Academic functioning: “**Gurukula System**” with modern adaptations.

#### **2. Objectives of the Practice**

**What are the objectives / intended outcomes of this “best practice” and what are the underlying principles or concepts of this practice (in about 100 words)?**

##### **Intended outcomes:**

- Best performance by each student as per their capabilities
- Integral development of personality
- Holistic development
- Learning and developing from failures
- Uniformity and discipline

**Principle:** Literally, guru means teacher, and kula means family. Gurukul System is an ancient Indian concept of education, wherein the participants get knowledge, by residing with his teacher as part of his family. At Krupanidhi College of pharmacy, we follow a system of day Gurukul where students closely interact with teachers at each step whether it is academic, Co-curricular or moral concepts.

#### **3. The Context**

**What were the contextual features or challenging issues that needed to be addressed in designing and implementing this practice (in about 150 words)?**

The students when enter the higher education they look forward towards freedom from restrictions they are imposed to at high school. Implementing the concepts of dress code and to be under supervision of their teachers continuously is challenging till they recognize its significance.

#### **4. The Practice**

**Describe the practice and its uniqueness in the context of India higher education. What were the constraints / limitations, if any, faced (in about 400 words)?**

### **The Practice of “Gurukula system” has following components:**

**Academic:** Teachers and students interact closely during regular lecture, practical and then special tutorial hours where individual attention is paid to students’ individual needs in terms of clarifying doubts, and mastering concepts and grooming them on different ways of answering the questions during examinations. Teachers evaluate the students’ performance during these tutorial hours via viva or written test, help them correct their mistakes and take up re-viva or retest till the student masters the concept and learns to answer well. The students are supposed to maintain a test/viva notebook for each subject and this notebook is returned back to him before the university exam so that he can review the corrections and does not repeat the same during examination.

**Extracurricular:** Students work in close association with their teachers in all extracurricular activities too. Many events are conducted throughout the year to achieve the objectives of Integral development of personality, social awareness, and holistic development of students.

**Finishing school:** It helps to achieve objectives of development of character and self control. The institute has empowered teachers and works towards student centric learning and holistic development of students in an amicable environment to justify the principles of ‘Gurukula System’.

**Moral:** Each teacher is groomed to be a counsellor and is allotted a set of 20 students where students can reach their respective counsellors for individual counselling and inputs in terms of resolving conflicts, cultural adjustment, grades, peer pressure, etc.

The counsellors in turn working with administrators, teachers, and staff to meet student needs and if needed with the parent to provide resources and information on their ward’s development.

**Dress code:** To achieve uniformity, avoid discrepancies of rich and poor and to inculcate discipline; dress code in terms of uniform is practiced at the institution.

### **Uniqueness of Gurukula system in the context of India higher education :**

- India has huge pool of young people. Many of them remain unable to pursue higher education as they could not perform in the final year of their schooling. The reason for not performing is not always low capability of student but it may be lack of focus or interest or might be because the day of exam was a bad day for the student. We at Krupanidhi College of pharmacy consider these factors and accept students from average scores too. Our Gurukul system helps them to work consistently under the guidance of teachers and help them perform well.
- Also, in Indian higher education system student is considered to be mature and responsible for the performance and the duties of teachers are limited to deliver lectures and final evaluation. In this case the focused students and those who are guided by their guardians excel and remaining is left behind.
- We by our philosophy of gurukula system, and monitoring, guiding and counseling the students at each step overcome this limitation and provide equal opportunity to each student to excel.

## **5. Evidence of Success**

**Provide evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words.**

- Krupanidhi College of Pharmacy, its success story starts from 1985 since it became the first college to be started by pharmacy professionals themselves. Krupanidhi has a

strong principle of gurukulam. The child from the clay of his admission is taken care to the core. There is focus to develop his overall personality. His academic performance is enhanced through tests, retests and repeated viva. Presentations, seminars, workshops develop his/her confidence and motivates him to excel in every sphere of life. There are regular value added courses and finishing school which helps the student to improve their working style, body language and develop a liaison with people. The soft skills are an integral part of the development process. Krupanidhi students have received many university and college ranks.

- The outcome of the entire process of grooming and excelling has been enormous. The results show through our students being placed worldwide on coveted positions. Many of the top industry personnels, researchers and academicians have termed Krupanidhi as a true centre of excellence and care.

#### **6. Problems Encountered and Resources Required**

- Identify the problems encountered and resources required to implement the practice (in about 150 words).
- Problems encountered: at times students feel uncomfortable studying in presence of teachers. They want to take up their studies at home at their own pace.
- Certain students who master the concepts first and perform well in tutorials are permitted to leave the tutorial room, which distracts other performers and they seem to lose interest in studying that time.
- **Resources required:** Quality teachers in appropriate quantity. As the teachers are involved at each step that is teaching, daily evaluation and mentoring, extracurricular activities and counseling, empowered teachers in correct numbers are needed.

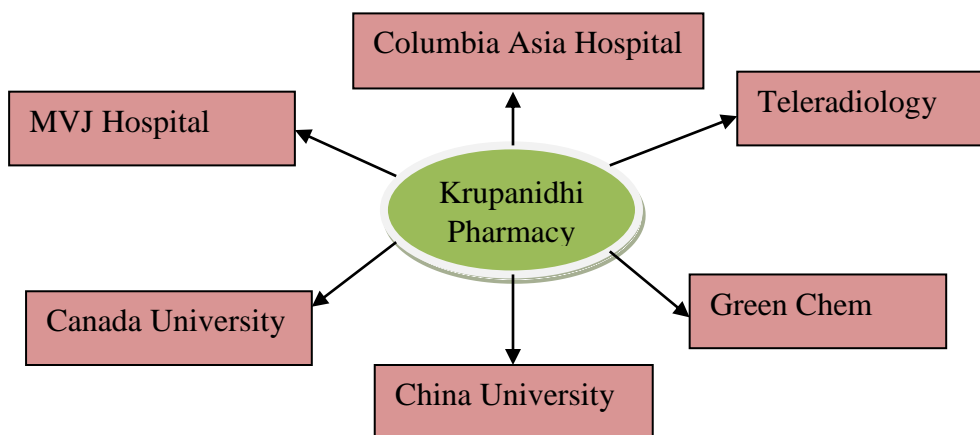


## EVALUATIVE REPORT OF THE DEPARTMENT

1. **Name of the Department :** Pharmacy
2. **Year of establishment:** 1985
3. **Is the Department part of a college/Faculty of the university?**  
It is a faculty of the university.
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.)**

Programs	Number of Programs
UG (B. Pharm)	01
PG (M. Pharm and Post Baccalaureate)	02
Pharm D.	01
Ph.D (Pharmaceutical Chemistry and Pharmaceutics)	02
Diploma in Pharmacy	01
Total	07

5. **Interdisciplinary programs and departments involved:**  
No
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**  
Yes, collaborations with teleradiology, Green Chem, China and Canada Universities and thereafter Columbia Asia on the anvil.



7. **Details of programs discontinued, if any, with reasons**  
None.
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**  
As per our Rajiv Gandhi University norms all the courses are having annual system of

examination.

**9. Participation of the department in the courses offered by other departments**

Our college students particularly all the final year students are being touch with the MBA department for developing management skills.

**10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	20	20	20
Associate Professor/Reader	05	05	05
Assistant Professor	16	16	16
Lecturer	04	04	04
Tutor / Clinical Instructor	Nil	Nil	Nil
Senior Resident	Nil	Nil	Nil

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

<b>Sl.No</b>	<b>Names of Teachers</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>Number of Years of Experience</b>
1.	Dr. Suresh Nagpal	M.Pharm. Ph.D	Professor	Pharmacology	27 Years
2.	Prof. Sunil Dhamanigi	M.Pharm	Professor	Pharmacology	27 years
3.	Dr. M.D. Karvekar	M.Pharm. Ph.D	Professor	Pharmaceutical Chemistry	33 Years
4.	Prof. Prakash Mallya	B.Pharm, M.S [U.S.A]	Professor	Quality Assurance	38 Years
5.	Dr. Raman Dang	M.Pharm, Ph.D, MBA	Professor	Pharmacognosy	23 Years
6.	Dr. Sonal Dubey	M.Pharm. Ph.D	Professor	Pharmaceutical Chemistry	13 Years
7.	Prof. Narendra Kumar	MSc.	Professor	Pharmacology	18 Years
8.	Dr. Rabbani S	M.Pharm, Ph.D,	Professor	Pharmacology	16Years
9.	Dr. Naira	M.Pharm.	Professor	Pharm Analysis	22 Years

	Nayeem	Ph.D			
10.	Dr. Ujjwala Shenoy	M.Pharm, PhD	Professor	Pharmacology	09 Years
11.	Dr. Bharani Sogali	M.Pharm, PhD	Professor	Pharmaceutics	10 Years
12.	Dr. Syed Basirruddin	M.Pharm, PhD	Professor	Pharmacology	17 Years
13.	Mr. Ranganath. M.K	M.Pharm [Ph.D]	Professor	Pharm Analysis	21 years
14.	Dr. Kuntal Das	M.Pharm. Ph.D	Professor	Pharmacognosy	12 Years
15.	Dr. Mahesh N. M	M.Pharm. Ph.D	Professor	Pharmacy Practice	14 Years
16.	Mr. Chandramouli. R	M.Pharm. [Ph.D]	Professor	Quality Assurance	10 Years
17.	Mr. Saifulla Khan	M.Pharm	Professor	Pharmacognosy	18 Years
18.	Dr. Rajendra SV	M.Pharm, PhD	Professor	Pharmacology	16 Years
19.	Dr. Mrudula G	M.Pharm. Ph.D	Professor	Pharmacology	07 Years
20.	Mrs. Preethi Sudheer	M.Pharm. [Ph.D]	Professor	Pharmaceutics	13 Years
21.	Mr. Arshad Bashir Khan	M.Pharm. [Ph.D]	Assoc. Professor	Pharmaceutics	11 Years
22.	Mrs. Jyothi. Y	M.Pharm. [Ph.D]	Assoc. Professor	Pharmacology	11 Years
23.	Mrs. Rajeswari R	M.Pharm	Assoc. Professor	Pharmacy Practice	07 Years
24.	Mrs. Kavitha. A.N	M.Pharm	Assoc. Professor	Pharmaceutics	07 Years
25.	Mrs. Shailaja Matche	M.Pharm	Assoc Professor	Pharmacognosy	11 Years
26.	Mrs. Deepthi V	M.Pharm.	Asst. Professor	Pharmaceutics	10 Years
27.	Mrs. Ruchi Agrawal	M.Pharm	Asst. Professor	Pharmaceutics	05 Years
28.	Mrs. Teena Nazeem	M.Pharm	Asst. Professor	Pharmacy Practice	04 Years
29.	Mrs. Ekta Singh	M.Pharm	Asst. Professor	Pharmacy Practice	03 Years
30.	Mrs. Prabitha	M.Pharm	Asst. Professor	Pharma Chemistry	05 Years
31.	Ms. Sravani	M.Pharm	Asst. Professor	Pharmacognosy	03 Years 03 Months

32.	Mrs. Bincy Varghese	M.Pharm	Asst. Professor	Pharmacy Practice	04 Years
33.	Mrs. Litha Thomas	M.Pharm	Asst. Professor	Pharmaceutics	02 Years
34.	Mrs. Ashwini. M	M.Pharm	Asst. Professor	Pharmaceutics	02 Years
35.	Mrs. Tare Bharati Tatoba	M.Pharm	Asst. Professor	Pharmaceutical Chemistry	01 Year
36.	Mrs. Deepika Bora	M.Pharm	Asst. Professor	Pharmacology	02 Years
37.	Ms. Vidya Alex	M.Pharm	Asst. Professor	Pharmacy Practice	2 Years
38.	Ms. Ishita Mukherjee Saha	M.Pharm	Asst. Professor	Pharma Chemistry	1 Year
39.	Ms. Shruti Nayan	M.Pharm	Asst. Professor	Pharmacology	1 Year
40.	Mr. Qumre Alam	M.Pharm	Asst. Professor	Pharmacology	2 Year
41.	Ms. Bhavya Krishnappa	M.Pharm	Asst. Professor	Pharma Chemistry	1 Year
42.	Mr. Prem Das [Biology] -PT	M.Sc	Lecturer	Biology	08 Years
43.	Mr. L.N. Shankaraiah [Maths]-PT	M.Sc	Lecturer	Mathematics	15 Years
44.	Mrs. Ambuja [English/Computer]-PT	MCA	Lecturer	Computer Science	English- 04 Years Computer - 04 Years
45.	Mr. Nagaraj [Kannada]-PT	MA	Lecturer	Kannada	16 Years

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

Dr. M.D. Karvekar and Prof. Basva.

**13. Percentage of classes taken by temporary faculty – program-wise information**

Mathematics, Biology, English and Kannada: Weekly once classes are conducted.  
Computer: Weekly twice classes are conducted.

**14. Program-wise Student Teacher Ratio**

1:20 for counseling or else 1:30.

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Supporting staff	Sanctioned	Filled	Actual
Administrative	11	11	11
Technical	04	04	04

**16. Research thrust areas as recognized by major funding agencies**

Mainly herbal and Formulative along with animal studies.

**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.**

**Ongoing funded project: 03**

Faculty	Year	Number	Name of the project	Name of the funding agency	Total grant received
Mr. Arshad Khan	2012	8023/RID/RPS/072/11/12, 1595	Design and evaluation of novel topical intravaginal formulation of microbicidal agent for prophylaxis of HIV and other venereal diseases.	AICTE	Rs. 14.2 Lakhs
Dr. Sonal Dubey	2015	RGU: Adv. Res.: Proposal-P-151:2015-16 DATE:06-01-2016	Microwave assisted synthesis, molecular docking & anti tubercular activity of some new N-[(4-oxo-2-substituted aryl-1,3-thiazolidine)-acetamidyl]-5-nitrobenzimidazoles	RGUHS	Rs. 12.0 Lakhs
Dr. Kuntal Das	2015	RGU: Adv. Res.: Proposal-P-171:2015-16 DATE:06-01-2016	Phytochemical and histological studies of <i>Cascinum fenestratum</i> through in vitro propagation	RGUHS	Rs. 1.5 Lakhs

**18. Inter-institutional collaborative projects and associated grants received**

**a) National collaboration b) International collaboration**

Collaborations only in terms of research exchange.

**19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

	<b>Year - wise</b>	<b>Number</b>	<b>Name of the project</b>	<b>Name of the funding agency</b>	<b>Total grant received</b>
Major projects	2012	8023/RID /RPS/072/11/12, 1595	Design and evaluation of novel topical intravaginal formulation of microbicidal agent for prophylaxis of HIV and other venereal diseases.	AICTE	Rs. 14.2 Lakhs

**20. Research facility / centre with**

- **state recognition:** Yes
- **national recognition :** Yes
- **international recognition :** Yes on the anvil.

**21. Special research laboratories sponsored by / created by industry or corporate Bodies:** In process.

**22. Publications:**

- \* **Number of papers published in peer reviewed journals (national / international)**

**YEAR 2015**

**Department of Pharmaceutics**

<b>Name of the Faculty</b>	<b>Authors</b>	<b>Title of the research paper</b>	<b>Journal Detail</b>	<b>Impact factor or</b>
<b>Prof. Dr. R.S. Thakur</b>	Paulami Pal, <b>R.S. Thakur</b> , Subhabrata Ray, Bhaskar Mazumder	Design and development of a safer non invasive transungual drug delivery system for topical treatment of onychomycosis	<b>Drug development and Industrial Pharmacy</b> , 41(7): 1095-1099, 2015	2.101
	<b>Ram Sharnagat Thakur</b> , Arshad Bashir Khan	Formulation and evaluation of mucoadhesive thermosensitive in situ gel of Tenofovir Disoproxil fumarate for pre exposure prophylaxis against HIV	<b>Journal of Therapy and Management in HIV infection</b> , 3: 17-28, 2015	---
	Das Shubhadip, Sudheer Preethi, <b>Thakur R.S</b>	Formulation and evaluation of a nanoparticulate system for the treatment of lung cancer	<b>International j of pharma Sciences and Research</b> , 6(4): 710-717, 2015.	----

<b>Mrs. Preethi Sudheer</b>	Das Shubhadip, <b>Sudheer Preethi,</b> Thakur R.S	Formulation and evaluation of a nanoparticulate system for the treatment of lung cancer	<b>International j of pharma Sciences and Research</b> , 6(4): 710-717, 2015.	----
<b>Mr. Arshad Bashir Khan</b>	<b>Arshad Bashir Khan,</b> Chanky Saha	Formulation and evaluation of Mucoadhesive vaginal films of Ketoconazole	<b>RGUHS J of Pharm Science</b> , 5(2): 61-68, 2015.	----
	Ram Sharnagat Thakur, <b>Arshad Bashir Khan</b>	Formulation and evaluation of mucoadhesive thermosensitive in situ gel of Tenofovir Disoproxil fumarate for pre exposure prophylaxis against HIV	<b>Journal of Therapy and Management in HIV infection</b> , 3: 17-28, 2015	---

### Department of Pharmacology

<b>Name of the Faculty</b>	<b>Authors</b>	<b>Title of the research paper</b>	<b>Journal Detail</b>	<b>Impact factor</b>
<b>Mrs. Jyothi Y</b>	Jyothi Y, Sangeetha D, Kiran Kumar K	Phytochemical screening and in vitro antioxidant activity of <i>Limnathemum indicum</i>	<b>Research J of Pharm, Biol and Chem Sciences</b> , 6(2): 791-797, 2015.	IF= 0.35
	Sarath Chandra M, <b>Jyothi Y</b> , Syed Imam Rabbani	To study the role of exercise and dietary manipulation in obese rats treated with orlistat.	<b>International Journal of Pharmacy and Pharmaceutical Sciences</b> , 7(7): 335-339, 2015.	<b>IF: 0.55 (SCImago, SJR)</b>
	Bhavya Rewari, <b>Jyothi Y</b> , Syed Imam Rabbani	Potential benefits of <i>Boerhavia diffusa</i> leaves extract for the management of thrombocytopenia in Sprague Dawley rats.	<b>Research J of Pharm, Biol and Chem Sciences</b> , 6(3): 925-928, 2015.	IF= 0.35
	Raghu Mohan Rao P, <b>Jyothi Y</b> , Syed Imam Rabbani	Antiobesity activity of <i>Taraxacum officinale</i> in high fat diet induced obese rats	<b>Journal of Chemical and Pharmaceutical Research</b> , 7(4): 244-248, 2015.	SJIF= 0.75
	Anitha K, <b>Jyothi Y</b> , Vamsee Veena A, Deepika Bora.	Evaluation of antiepileptic activity of fruit pericarp of <i>Sapindus mukorossi</i> in rats.	<b>Journal of Chemical and Pharmaceutical Research</b> , 7(5): 363-368, 2015.	SJIF= 0.75
	Vamsee Veena A,	Comparative antianemic	<b>Journal of</b>	



	<b>Jyothi Y</b> , Rina Pokhrel, Rajdwip Ghosh, Ronak Patidhar, Vijay Yadav.	activity of <i>Azadirachta indica</i> leaves and its combination with <i>Embllica officinalis</i> in phenyl hydrazine induced anemia using rats.	<b>Chemical and Pharmaceutical Research</b> , 7(8): 1019-1022, 2015.	SJIF= 0.75
	Deepika B, Sweta K, <b>Jyothi Y</b> , Bipul R, Ranjith R, Vinay S.	CNS stimulant activity of aqueous extract of roots of <i>Boerhavia diffusa</i> in mice.	<b>Journal of Chemical and Pharmaceutical Research</b> , 7(10): 409-412, 2015.	SJIF= 0.75
	Hansa Gupta, Jyothi Y, Vamsee Veena A, Deepika Bora.	Pharmacodynamic interaction of <i>Coccinia indica</i> with Omeprazole in experimentally induced ulcers in rats	<b>Research J of Pharm, Biol and Chem Sciences</b> , 6(4): 735-748, 2015.	IF= 0.35
<b>Mrs. Deepika Bora</b>	<b>Deepika B</b> , Sweta K, Jyothi Y, Bipul R, Ranjith R, Vinay S.	CNS stimulant activity of aqueous extract of roots of <i>Boerhavia diffusa</i> in mice.	<b>Journal of Chemical and Pharmaceutical Research</b> , 7(10): 409-412, 2015.	SJIF= 0.75
	<b>Vamsee Veena A</b> , Jyothi Y, Rina Pokhrel, Rajdwip Ghosh, Ronak Patidhar, Vijay Yadav.	Comparative antianemic activity of <i>Azadirachta indica</i> leaves and its combination with <i>Embllica officinalis</i> in phenyl hydrazine induced anemia using rats.	<b>Journal of Chemical and Pharmaceutical Research</b> , 7(8): 1019-1022, 2015.	SJIF= 0.75
<b>Mrs. Vamsee Veena A</b>	Hansa Gupta, Jyothi Y, <b>Vamsee Veena A</b> , Deepika Bora.	Pharmacodynamic interaction of <i>Coccinia indica</i> with Omeprazole in experimentally induced ulcers in rats	<b>Research J of Pharm, Biol and Chem Sciences</b> , 6(4): 735-748, 2015.	IF= 0.35
	Anitha K, Jyothi Y, <b>Vamsee Veena A</b> , Deepika Bora.	Evaluation of antiepileptic activity of fruit pericarp of <i>Sapindus mukorossi</i> in rats.	<b>Journal of Chemical and Pharmaceutical Research</b> , 7(5): 363-368, 2015.	SJIF= 0.75

SJIF = Scientific Journal Impact Factor.

## Department of Pharmaceutical Chemistry

Name of the Faculty	Authors	Title of the research paper	Journal Detail	Impact factor
Dr. Sonal Dubey	Sonal Dubey, Pankaj Kashyap, Sanket Kohli	Pharmacological investigations of aqueous extract of seeds of Indian Traditional plant- <i>Carum copticum</i>	American J of experimental Biology, 2(1); 1-6: 2015.	---
	G. Sathwik, Sonal Dubey, P. Prabitha, D.R. Harish Kumar	Analytical method development and validation of solid dosage form of antineoplastic drug Imatinib mesilate by RP-HPLC.	International j of Pharma Science and Research, 2015; 6(4): 697-705.	---
Mrs. P. Prabitha	G. Sathwik, Sonal Dubey, P. Prabitha, D.R. Harish Kumar	Analytical method development and validation of solid dosage form of antineoplastic drug Imatinib mesilate by RP-HPLC.	International j of Pharma Science and Research, 2015; 6(4): 697-705.	---

UIF = Universal Impact Factor.

## Department of Pharmacy Practice

Name of the Faculty	Authors	Title of the research paper	Journal Detail	Impact factor
Mrs. Rajeswari R.	Koya Jagadish Babu, Kaveetha Devarajan, Neelakanta Rao Paidi, Rajeswari Ramaswamy, Sudarshan P.	Study of antimicrobial prophylaxis pattern in surgical procedures and incidence of post operative infection-A retrospective study.	Indo American Journal of Pharmaceutical Research, 2015; 5(03): 1069-1077.	---
	Devarajan K, Koya J, Paidi NR, Rajeswari R, Sudarshan P.	Study on timely administration of antibiotic prophylaxis practice in surgical procedures at a tertiary care teaching hospital, South India.	International j for Pharmaceutical Research Scholars, 2015; 4(2): 317-321.	SJIF = 3.45

<b>Mrs. Bincy Varghese</b>	Sumi Jose, Padmaja K, Neelakanta Rao P, <b>Bincy Varghese</b> , Rabbani SI, Venkatadri TV	A study of antibiotic sensitivity in a pediatric ward population of a tertiary teaching hospital	<b>World J of Pharmaceutical Research</b> , 2015; 4(8): 2664-2670.	SJIF = 5.99
	Vidya Alex, Sumitha Cheruvallikattil, Suja Abraham, <b>Bincy Varghese</b>	Cost of illness of rheumatoid arthritis in South India.	<b>World J of Pharmaceutical Research</b> , 2015; 4(11): 1305-1316.	SJIF = 5.99
<b>Mrs. Vidya Alex</b>	<b>Vidya Alex</b> , Sumitha Cheruvallikattil, Suja Abraham, Bincy Varghese	Cost of illness of rheumatoid arthritis in South India.	<b>World J of Pharmaceutical Research</b> , 2015; 4(11): 1305-1316.	SJIF = 5.99

SJIF = Scientific Journal Impact Factor.

### Department of Pharmacognosy and Biotechnology

Name of the Faculty	Authors	Title of the research paper	Journal Detail	Impact factor
<b>Prof. Dr. Raman Dang</b>	M.P.Babu, <b>Raman Dang</b> , Kuntal Das	Phytochemical investigation and characterization of antimicrobial activity of bioguided fractionated leaves of <i>Agave Americana</i> L.	<b>Annals of Phytomedicine</b> , 2015; 4(1): 61-67.	IF = 1.02
	V.K. Shilpashree, <b>Raman Dang</b> , Kuntal Das.	Evaluation of phytochemical investigation and immunomodulatory activity of four different plant species of vidari by carbon clearance test on wistar rats.	<b>Annals of Phytomedicine</b> , 2015; 4(1): 94-98.	IF = 1.02
	Sajitha Puthalath, <b>Raman Dang</b> , Kuntal Das.	Total safety management through standardization of formulated Ayurvedic kaval using <i>Eclipta alba</i> and <i>Vernonia cinerea</i> herbs.	<b>World Scientific News</b> , 2015; 5: 32-44.	----
	M.P.Babu, Raman Dang, <b>Kuntal Das</b>	Phytochemical investigation and characterization of antimicrobial activity of bioguided fractionated leaves of <i>Agave Americana</i> L.	<b>Annals of Phytomedicine</b> , 2015; 4(1): 61-67.	IF = 1.02
	V.K. Shilpashree, Raman Dang,	Evaluation of phytochemical investigation and	<b>Annals of Phytomedicine</b> ,	IF = 1.02

<b>Dr. Kuntal Das</b>	<b>Kuntal Das.</b>	immunomodulatory activity of four different plant species of vidari by carbon clearance test on wistar rats.	2015; 4(1): 94-98.	
	Sajitha Puthalath, Raman Dang, <b>Kuntal Das.</b>	Total safety management through standardization of formulated Ayurvedic kaval using <i>Eclipta alba</i> and <i>Vernonia cinerea</i> herbs.	<b>World Scientific News</b> , 2015; 5: 32-44.	----
	Tanmoy Karak, Indira Sonar, Jyoti Rani Nath, Ranjit Kumar Paul, Sampa Das, Romesh Kumar Boruah, Amrit kumar Dutta, <b>Kuntal Das</b>	Struvite for composting of agricultural wastes with termite mound: Utilizing the unutilized.	<b>Bioresource Technology</b> , 2015; 187: 49-59.	Thomson reuters IF= 5.33
	Guruprasad V Sutar, <b>Kuntal Das</b> , John Wilking Einstein	Screening of different leaf extracts of <i>Cassia fistula</i> Linn for investigation of hypolipidemic activity in two different rat models	<b>International Letters of Natural Sciences</b> , 2015; 3: 30-43.	---
	<b>Kuntal Das</b> , Sourav Tribedi	Effect of Zn, Fe and Cu content on phytochemical investigations and antimicrobial potential of <i>Alternanthera brasiliensis</i> O. Kuntze leaf extracts procured from two different states of India	<b>Turk J Pharm Sci</b> , 2015; 12(3): 345-356.	---
<b>Mr. Saifulla Khan</b>	Naira Nayeem, <b>Saifulla Khan</b> , Shalini Kapoor Mehta	Communication apprehension and its effect on pharmacy undergraduates.	<b>World journal of Pharmacy and Pharmaceutical Sciences</b> , 2015; 4(12): 951-957.	SJIF = 5.21

SJIF = Scientific Journal Impact Factor.

- \* **Monographs**  
Not applicable.

\* **Chapters in Books**

Name of the faculty	Name of the book	ISBN No. with publisher
Prof. Dr. Raman Dang	Recent advances in medicinal plants in diabetes treatment	Recent progress in Medicinal Plants (Multi volume series)", Vol-19, Published by Studium Press, LLC, USA, Series ISBN: 0-9656038-5-7. Chapter-14, 2008 Sep; pp. 151-191.
	Recent advances in herbal drugs with special reference to <i>Cassia tora</i>	Recent progress in Medicinal Plants (Multi volume series)", Vol-19, Published by Studium Press, LLC, USA, Series ISBN: 0-9656038-5-7. Chapter-14, 2008 Sep; pp. 137-150.
Dr. Kuntal Das	Senna ( <i>Cassia angustifolia</i> )-A traditional medicinal plant of India	Botany, Chemistry and Post-Harvest technology of leafy medicinal plants. CABI Publisher, UK. (In Press).
	Patchouli ( <i>Pogostemon cablin</i> ) oil	Essential oils in Food Production, Preservation, Flavour and Safety. Elsevier Publication.
	Sandal wood ( <i>Santalum album</i> ) oil	Essential oils in Food Production, Preservation, Flavour and Safety. Elsevier Publication.
	Turmeric ( <i>Curcuma longa</i> ) oil	Essential oils in Food Production, Preservation, Flavour and Safety. Elsevier Publication.
	Recent advances in medicinal plants in diabetes treatment	Recent progress in Medicinal Plants (Multi volume series)", Vol- 19, Published by Studium Press, LLC, USA, Series ISBN: 0-9656038-5-7. Chapter-14, 2008 Sep; pp. 151-191.
	Recent advances in herbal drugs with special reference to <i>Cassia tora</i>	Recent progress in Medicinal Plants (Multi volume series)", Vol- 19, Published by Studium Press, LLC, USA, Series ISBN: 0-9656038-5-7. Chapter-14, 2008 Sep; pp. 137-150.

\* **Books edited**  
Not applicable.

\* **Books with ISBN with details of publishers**

<b>Name of the faculty</b>	<b>Name of the book</b>	<b>ISBN No. with publisher</b>
<b>Prof. Dr. Sonal Dubey</b>	Basic concepts in Pharmaceutical Research	CBS Publishers and distributors Pvt. Ltd., New Delhi, India. <b>ISBN: 978-81-239-1815-0</b>
<b>Dr. Kuntal Das</b>	Herbal Plants and their application in Cosmeceuticals	CBS Publisher and Distributors. Darya Ganj, New Delhi, India. <b>ISBN: 9788123922966.</b>
	Essential oils and their applications	New India Publishing Agency, Pitam Pura, New Delhi, India. 2013. <b>ISBN: 9789381450741</b>
	Medicinal Plants: their importance in Pharmaceutical Sciences	Kalyani Publisher, Rajinder Nagar, Ludhiana, India. 2010. <b>ISBN: 978-81-272-5829-0.</b>

\* **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.)**

Maximum our faculty members are listed in Google Scholar through which citations are informed.

For, example:

Citation indices for Dr. Kuntal Das

	<b>All</b>	<b>Since 2011</b>
Citations	341	309
h-index	10	10
i-10 index	10	10

\* **Citation Index – range / average**

Range of citation index for the published work is 1-500 in average for all the faculty members.

\* **Impact Factor – range / average**

Range of impact factor for the published work is 0.2-4.

\* **Source Normalized Impact per Paper (SNIP)**

On an average 2-6

\* **SCImago Journal Rank (SJR)**

Varies as per journal to journal publications by the faculties.

\* **h-index**

h index for the published work is average 1-10.

**23. Details of patents and income generated**

Patents are not applied.

#### 24. Areas of consultancy and income generated

Areas of consultancy are Pharmacology and Formulative but no income generated, purely research expertise.

#### 25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Expert faculty we are having with us.

Director: Prof. Prakash Mallya.

Faculty members	2012-13	2013-14	2014-15	2015-16
Resource person in Industries in India	02	04	02	02
Visit to Industries and other organization	03	04	04	04
Resource person in Abroad	01	02	04	04

#### 26. Faculty serving in

##### a) National committees

Nil

##### b) International committees

Name of the faculty	International Committee member
<b>Prof. Dr. Raman Dang</b>	<ul style="list-style-type: none"><li>• <b>International Scientific Advisor</b> panel of 6<sup>th</sup> conference of Medicinal &amp; Aromatic Plants of South-East European Countries, <b>Antalya, Turkey</b> during 18<sup>th</sup> -23<sup>rd</sup> 2010.</li><li>• <b>International Scientific Advisor</b> panel of Medicinal Plants Conference held in Bosini, 2011</li><li>• <b>International Scientific Advisor</b> panel of International Conference on Medicinal Plants and Traditional System held at <b>Kotkata</b>, 2012</li></ul>

##### b) Editorial Boards

Name of the faculty	Name of the journals/Bulletin	Nature of work
	Association of Pharmaceutical Teachers of India (APTI) Bulletin	Associate Editor
	Journal of Pharmaceutical Research	Managing Editor



<b>Prof. Raman Dang</b>	Indian Journal of Pharmaceutical Education and Research	Associate Editor
	Indian Journal of Pharmacy Practice	Editorial Board member
	Indian Cosmetic Technologists Association (ICTA) Bulletin	Editorial Board member
	Biomed	Associate Editor
	Annals of Phytomedicine	Editor Board member
	Indian Journal of Pharmacy Practice	Editorial Board member
	RGUHS Journal of Pharmaceutical Sciences	Editorial Board member
<b>Prof. Sonal Dubey</b>	RGUHS Journal of Pharmaceutical Sciences	Associate Editor
	Journal of Pharmaceutical Research	Editor
<b>Prof. M. K. Ranganath</b>	Journal of Pharmaceutical Research	Assoc. Editor
<b>Prof. Kuntal Das</b>	International Letters of Natural Sciences	Editorial Board member
	Research Journal of Medicinal Plant	Regional Editor
	International Journal of Pharmacology	Regional Editor
	Research journal of Medicinal plant	Regional Editor
	Annals of Phytomedicine	Associate Editor
	International Journal of Plant Physiology and Biochemistry	Editorial Board member
	Journal of Medicinal Plant Research	Assoc. Editor
<b>Prof. Rajendra SV</b>	Journal of Pharmaceutical Research	Assoc. Editor
	Drug Invention Today	Section Editor
<b>Prof. S.Rabbani</b>	Indian Journal of Pharmacy Practice	Editor Board member
<b>Prof. Bharani S</b>	Journal of Pharmaceutical Research	Asst. Editor
	Indo american journal of pharmaceutical sciences	Editor Board member

<b>Mr. Chandramouli</b>	Journal of Pharmaceutical Research	E- Editor
	Journal of Basic and Clinical Pharmacy	Editor Board Member
<b>Dr. Mahesh NM</b>	Journal of Pharmaceutical Research	Assoc. Editor
<b>Mrs. Rajeswari</b>	Synergia Bulletin	Chief Editor
<b>Mr. Arshad Khan</b>	Journal of Pharmaceutical Research	Assoc. Editor
<b>Mrs. Ashwini</b>	Journal of Pharmaceutical Research	Editor Board Member
<b>Mrs. Litha Thomas</b>	Journal of Pharmaceutical Research	Editor Board Member
<b>Mrs. Jyothi Y</b>	Journal of Pharmaceutical Research	Asst. Editor
<b>Dr. Mrudula Giri</b>	Journal of Pharmaceutical Research	Asst. Editor
<b>Mrs. Prabitha P</b>	Journal of Pharmaceutical Research	Asst. Editor
<b>Mrs. Kavitha A N</b>	Journal of Pharmaceutical Research	Editor Board Member
<b>Mrs. Deepthi V</b>	Journal of Pharmaceutical Research	Editor Board Memembr

**d) any other (specify)**

Name of the faculty	Nature of duties
<b>Dr. Raman Dang</b>	<ul style="list-style-type: none"> <li>• BOS chairman for PG section in RGUHS</li> </ul>
	<ul style="list-style-type: none"> <li>• Appointed for inspector by NAAC</li> </ul>
	<ul style="list-style-type: none"> <li>• Chairman Web Coordination and Information for the 64<sup>th</sup> IPC, Chennai.</li> </ul>
	<ul style="list-style-type: none"> <li>• Convenor for the workshop “Developing quality monographs for Pharmacopoeia for Herbs and Herbal products” conducted at Al-Ameen college of Pharmacy, <b>Bangalore</b>, India, Sponsored by National Medicinal Plants Board, <b>India</b>, held on 4<sup>th</sup>- 5<sup>th</sup> <b>September, 2009.</b></li> </ul>

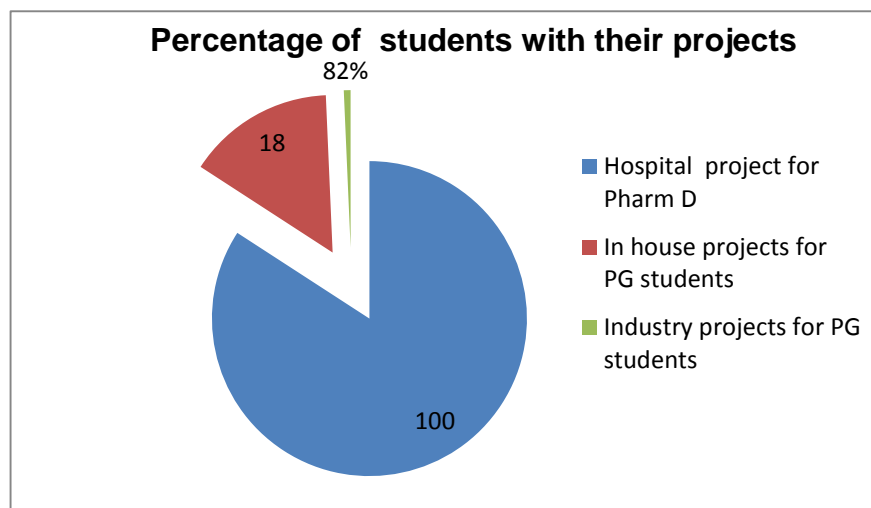
<b>Dr. Kuntal Das</b>	<ul style="list-style-type: none"> <li>• <b>Co-ordinate member</b> for the workshop “Developing quality monographs for Pharmacopoeia for Herbs and Herbal products” conducted at Al-Ameen college of Pharmacy, <b>Bangalore</b>, India, Sponsored by National Medicinal Plants Board, <b>India</b>, held on 4<sup>th</sup>- 5<sup>th</sup> <b>September, 2009</b>.</li> </ul>
<b>Mrs. Naira Nayeem</b>	<ul style="list-style-type: none"> <li>• Convened RGUHS sponsored National Seminar on standardization and quality control of herbal cosmetics on 3<sup>rd</sup> March, 2012 in Krupanidhi College.</li> </ul>
<b>Mrs. Preethi Sudhir</b>	<ul style="list-style-type: none"> <li>• Convened RGUHS sponsored National workshop on Application of Spray drying in formulation technology field on 17<sup>th</sup> March, 2012 in Krupanidhi College.</li> </ul>
<b>Mr. M.K Ranganath</b>	<ul style="list-style-type: none"> <li>• Co-ordinated a work shop on “Drug-design and Drug development “ conducted at “The Oxford College of Pharmacy, JP Narag, Bangalore.</li> </ul>

**27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).**

- Yes, faculty members are free to attend regularly seminars, short duration workshops and training program by the institute, university and QIP cells.

**28. Student projects**

- **percentage of students who have taken up in-house projects including inter-departmental projects**
  - 1<sup>st</sup> B. Pharm: Year 2013-14: Herbs and diseases. Frequently short projects/assignments are given to students as part of curriculum exercise mostly department wise.
  - Short term Projects: 02 (2014-15)
  - Interdepartmental Project: 04 (2014-16) PG Pharmacology Students with Pharmacognosy dept.
- **percentage of students doing projects in collaboration with other universities / industry / institute**
  - Yes, our students are doing projects every year with collaboration with various industries and institutes as per their course curriculum. Below mentioned percentage of students are associated with their project works in various sectors.



## 29. Awards / recognitions received at the national and international level by

- Faculty

Name of the faculty	Awards/Acclaims
<b>Dr. Raman Dang</b>	<ul style="list-style-type: none"> <li>• <b>Gold Medal</b> for Topping in Karnataka State for the Award of Diploma of Pharmacy. 1988.</li> <li>• <b>Best Paper Award</b> at IPC, Indore. 1999.</li> <li>• <b>1<sup>st</sup> runners up</b> award for the paper titled “Cleaning Validation” at 61<sup>st</sup> FIP Conference held at <b>Singapore</b>, 2001.</li> <li>• <b>Best Oral paper</b> award for the paper titled Tissue culture of <i>Ocimum basilicum</i> at the international conference on botanicals held at <b>Kolkata</b> during 25<sup>th</sup> &amp; 26<sup>th</sup> Feb, 2005.</li> <li>• <b>Chaired (Moderated)</b> the scientific oral and plenary session at the 4<sup>th</sup> conference of Medicinal &amp; Aromatic Plants of South-East European Countries, Iasi, <b>Romania</b> during 28-31 May 2006</li> <li>• <b>Chaired</b> the scientific oral session at the 3<sup>RD</sup> Global Summit on Medicinal and Aromatic Plants held at Chaingmai, Thailand during 21<sup>st</sup> November to 24<sup>th</sup> November 2007.</li> <li>• <b>Chaired</b> the scientific poster session at the 59<sup>th</sup> Indian Pharmaceutical Congress held at Varanasi, India, during 20<sup>th</sup> December to 23<sup>rd</sup> December 2007.</li> <li>• <b>Chaired (Moderated)</b> the scientific oral and plenary session at Shanghai, China, Oct, 2008.</li> <li>• <b>Chaired</b> the scientific poster session at the 60<sup>th</sup> Indian Pharmaceutical Congress held at New Delhi, India, during 1-3<sup>rd</sup> December 2008.</li> <li>• <b>Chaired</b> the scientific poster session at the 61<sup>th</sup> Indian Pharmaceutical Congress held at Ahmedabad, India, during 11<sup>th</sup> to 13<sup>th</sup> December 2009.</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>Chaired (Moderated)</b> the scientific oral and plenary session at the 6<sup>th</sup> conference of Medicinal &amp; Aromatic Plants of South-East European Countries, Antalya, Turkey during 18<sup>th</sup> -23<sup>rd</sup> 2010.</li> <li>• Was on the <b>International Scientific Advisor</b> panel of 6<sup>th</sup> conference of Medicinal &amp; Aromatic Plants of South-East European Countries, <b>Antalya, Turkey</b> during 18<sup>th</sup> -23<sup>rd</sup> 2010.</li> <li>• Was on the <b>International Scientific Advisor</b> panel of Medicinal Plants Conference held in Bosini, 2011</li> <li>• <b>Chaired a Scientific Session</b> at IPC,2011 held at Bangalore</li> <li>• Was on the International Scientific Advisor panel of International Conference on Medicinal Plants and Traditional System held at <b>Kotkata, 2012</b></li> <li>• Was an <b>Invited speaker</b> for the Symposium held at <b>Kilis, Turkey</b> and talked about Influence of Nano Technology on biofertilizers in 2012.</li> <li>• <b>Chairman Web Coordination and Information for the 64<sup>th</sup> IPC, Chennai.</b></li> <li>• Was an <b>Invited speaker</b> for the International Symposium held at <b>Cyprus, Turkey</b> and talked about Phytochemical studies, Formulation and Clinical Investigations of Stevia grown under various soil conditions in April 2013</li> <li>• <b>Chaired a Scientific oral session at MESMAP-2013 at Cyprus, Turkey</b> in April 2013</li> </ul>
<b>Dr. Sonal Dubey</b>	<ul style="list-style-type: none"> <li>• Received <b>second prize</b> for the poster entitled “m-QSAR analysis of substituted phenyl sulphonamide-2-hydroxy propyl actamide derivatives of protease inhibitors” Garvita Arora, Gowtham G and Sonal Dubey at International conference on perspectives in chemometrics, held on 9-11<sup>th</sup> April 2011 at SRM University Chennai, India.</li> <li>• Received <b>second prize</b> a poster entitled ‘A Comparative Quantitative Structure Activity Relationship Studies of 2,5,6-trisubstituted imidazo(2,1-b)-1,3,4-thiadiazole As Anticancer Agent, Using Codessa® And V-Life® Softwares’ at Indo-US lecture series on Discrete Mathematical Chemistry, held on 6th-9th Jan. 2009 at Department of Chemistry, Nizam College, Hyderabad.</li> <li>• Awarded <b>best paper presentation</b> award for the research paper entitled “Synthesis and Antineoplastic activity of Steroidal Alkylated Oximes” at 51<sup>st</sup> Indian Pharmaceutical Congress in the field of medicinal Chemistry, held in 1999, Indore, India.</li> </ul>
	<ul style="list-style-type: none"> <li>• Received Young Pharmacy Teacher award by APP- 2016.</li> <li>• Delivered a “Guest Lecture” on “Zoo medicine and AYUSH Therapy” in Oriental College of Pharmacy, Navi Mumbai, on 21<sup>st</sup>-22<sup>nd</sup> February, 2014. (AYUSH sponsored National symposium).</li> </ul>

<b>Dr. Kuntal Das</b>	<ul style="list-style-type: none"> <li>• Biographical profile has published in “Marquis Who’s Who in the World” published from NJ, America, in 27<sup>th</sup> Edition, 2010.</li> <li>• Served as Co-ordinate member for the workshop held on “Developing quality monographs for Pharmacopoeia for Herbs and Herbal products” conducted at Al-Ameen college of Pharmacy, Bangalore, India, Sponsored by National Medicinal Plants Board, India, held on 4<sup>th</sup>- 5<sup>th</sup> September, 2009.</li> <li>• Best poster paper award for the paper titled “Interaction between phosphorous and zinc on the biomass yield and yield attributes of the medicinal plant <i>Stevia rebaudiana</i>, at 10<sup>th</sup> National APTI convention, Nagpur during 17<sup>th</sup> and 18<sup>th</sup> October, 2005.</li> <li>• 2<sup>nd</sup> Prize for the poster paper titled Standardization of Stevia cultivation by agro-technique method in Indian soil”, at 9<sup>th</sup> International APTI International Convention, Vizag, October, 2004.</li> </ul>
<b>Mrs. Ruchi Agarwal</b>	<ul style="list-style-type: none"> <li>• Awarded ‘Shri Chimanlal C. Barbariya Memorial Gold Medal’ for securing highest marks in the subject of Pharmaceutics &amp; Pharmaceutical Technology at M. Pharm Degree Examination held in June 2001.</li> <li>• Awarded <ul style="list-style-type: none"> <li>* Shri M.B. Devani Memorial Gold Medal, and</li> <li>* Lt. Dr. R.P.Patel Gold Medal, for securing highest marks at the M. Pharm. Degree examination held in June 2001.</li> </ul> </li> <li>• Secured All India 5th rank in GATE – 1999 (Graduate Aptitude Test of Engineering), subject-pharmacy, with a score of 99.75 percentile.</li> <li>• Awarded <ul style="list-style-type: none"> <li>* Bansilal Amrutlal Hargovandas Gold Medal,</li> <li>* Shri B.V.Patel Memorial Gold Medal,</li> <li>* Chotalal Tikamlal Chowksi Scholarship,</li> <li>* G.P. Nair Award sponsored by IDMA, for securing highest marks in the B.Pharm. Degree examination held in June 1999.</li> </ul> </li> <li>• Awarded ‘Eklavaya Scholarship of Excellence’ for securing 1st position in 1st-3rd B.Pharm during the year 1995-98.</li> </ul>
<b>Dr. Syed Rabbani</b>	<ul style="list-style-type: none"> <li>• The research project title ‘Evaluation of antidiabetic activity of poly-herbal formulation’ received a grant of Rs. 97,800/ from FRLHT, Bangalore. (Duration 12 months project)</li> </ul>
<b>Dr. Mahesh NM</b>	<ul style="list-style-type: none"> <li>• 2010-2011 Principal investigator: Rs5 lakhs from AICTE under MODROBS for a project, Upgrading of the infrastructure facilities in pharmacology department at JSS College of Pharmacy</li> <li>• 2006-2008 Co-principal investigator: Rs7.8 lakhs from AICTE under Research Promotion Scheme for a project, Analysis of drug-drug interactions in patients with schizophrenia and depression disorder for the department of pharmacy practice in JSS College of Pharmacy</li> </ul>

<b>Mr. Arshad Khan</b>	<ul style="list-style-type: none"> <li>• AICTE RPS Ref no: 8023/RID/RPS-72(POLICY-III(PVT))/2011-12 DURATION- 2 YEARS</li> </ul>
<b>Mrs. Bincy Varghese</b>	<ul style="list-style-type: none"> <li>• Academic Excellence Award from Pharmacy Practice department of Kovai Medical Centre &amp; Hospital, 2011.</li> </ul>
<b>Mrs. Teena Nazeem</b>	<ul style="list-style-type: none"> <li>• University First Rank Holder in M.Pharm Pharmacy Practice (2009-2011) in JSS University, Mysore, Karnataka.</li> <li>• Winner of Frank May Gold Medal in JSS University 2011.</li> </ul>
<b>Mrs. Deepika Bora</b>	<ul style="list-style-type: none"> <li>• Appreciation certificate by Akhil Bhartiya Vidhyarthi Parishad in 2005.</li> <li>• Gaargi Puraskar by Govt. of Rajasthan in 2003.</li> <li>• Gold Medal in M Pharm.</li> </ul>
<b>Mrs. Litha Thomas</b>	<ul style="list-style-type: none"> <li>• Nehru Vignjan Award for academic excellence, 2011, by Nehru Group of Institutions, Kerala.</li> <li>• Recipient of second rank for B. Pharm, Calicut University, Kerala.</li> </ul>
<b>Mrs. Ashwini M</b>	<ul style="list-style-type: none"> <li>• 2<sup>nd</sup> rank in M. Pharm (Department of pharmaceutics 2011-2013), NITTE UNIVERSITY.</li> </ul>
<b>Mrs. Preethi Sudhir</b>	<ul style="list-style-type: none"> <li>• Convened RGUHS sponsored National Seminar on Application of Spray drying in formulation technology field on 17<sup>th</sup> March, 2012 in Krupanidhi College.</li> </ul>
<b>Mrs. Rajeswari R</b>	<ul style="list-style-type: none"> <li>• St. John's Medical College &amp; Research Institute (NIH- center of Excellence) &amp; PHRI, McMaster University, Canada <b>awarded First Place for Academic Excellence</b> for course on 'Health Research Methodology &amp; Evidence Based Medicine', 2013.</li> </ul>
<b>Mr. M.K. Ranganath</b>	<ul style="list-style-type: none"> <li>• Co-ordinated a work shop on "Drug-design and Drug development " conducted at "The Oxford College of Pharmacy, JP Narag, Bangalore.</li> </ul>
<b>Mrs. Kavitha AN</b>	<ul style="list-style-type: none"> <li>• Qualified <b>GATE 2006</b> held on 12<sup>th</sup> February 2006 with GATE score of 353.</li> <li>• Qualified <b>PGCET</b> entrance exam held on April 2006.</li> <li>• Secured University <b>3<sup>rd</sup> rank in 1<sup>st</sup> B Pharm</b> in the year of 2002-2003.</li> </ul>

- **Doctoral / post doctoral fellows**

In Process: 06 (Docotral)

- **Students**

National and state level many awards and acclaims are received by students in cultural, sports and academic activities. In addition many of them have received



University and college ranks.

**30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

Seminars and workshops are regular feature under value added courses and finishing school. Institute bears the cost. In addition a national level seminar on standardization and quality control of herbal cosmetics (3<sup>rd</sup> March) and one day workshop on application of spray drying in formulation and production technology field (17<sup>th</sup> march) were organized in the year 2012 by the faculty of the institute, funded by Rajiv Gandhi University, Bangalore.

**31. Code of ethics for research followed by the departments**

The research is monitored through weekly reports and presentation. The data obtained by the researcher is critically evaluated. Every six months the review and research content is checked and deliberated. Conduct of journal club every week helps in the researchers overall skill and content presentation along with the defend.

**32. Student profile program-wise: In academic year 2015-2016**

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage (Overall candidates)	
		Male	Female	Male	Female
D.Pharm	68	43	25	---	----
B.Pharm	80	48	32	---	----
M.Pharm	21	10	11	---	----
Pharm D	30	12	18	---	----
Pharm D (PB)	Nil	Nil	Nil	---	----

**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	09	Nil	12	Nil
Ph.D	01	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.**

GPAT: 04 students

PGCET: 12 students

**35. Student progression**

<b>Student progression</b>	<b>Percentage against enrolled</b>
<b>UG to PG</b>	08
<b>PG to M.Phil, DM / M Ch / DNB</b>	Nil
<b>PG to Ph.D.</b>	00
<b>Ph.D. to Post-Doctoral</b>	Nil
<b>Employed</b>	
• <b>Campus selection</b>	17
• <b>Other than campus recruitment</b>	20
<b>Entrepreneurs</b>	Nil

**36. Diversity of staff**

<b>Percentage of faculty who are graduates</b>	
<b>of the same university</b>	27.27 (12 faculties)
<b>from other universities within the State</b>	31.8 (14 faculties)
<b>from universities from other States</b>	40.9 (18 faculties)
<b>from universities outside the country</b>	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**

We are having our own pharmacy library. Printing and Xerox facilities are available. We have sufficient books, journals, thesis for the reference to the faculties and students. Library also contains separate room for student and staff reference room.

**b) Internet facilities for staff and students**

College has Wifi system and 24 hours internet facility for the students and staff. Sufficient number of computers for the staff and students are available for collection of informations. Going by the trend we have two digital library rooms with 40 computers.

**c) Total number of class rooms**

<b>Sl no</b>	<b>Name of the facility</b>	<b>Number of rooms</b>
1	Class rooms	18

**d) Class rooms with ICT facility and ‘smart’ class rooms**

The following class rooms in our college are provided with LCD Projection facilities, aimed at creating an interactive and immersive learning experience for its students:

- Seminar Hall -1
- PG Pharmaceutics tutorial room – 1
- PG Pharma Chem tutorial room – 1
- PG Pharmacology tutorial room – 1
- UG Class room V -1
- PG QA tutorial Room – 1
- PG Anal tutorial Room – 1

**e) Students’ laboratories**

Sl no	Name of the facility	Number of rooms
1	laboratories	20

**f) Research laboratories**

PG laboratories: 07 (PG Chemistry: 02; Pharmaceutics: 02; Quality Assurance: 01, Pharmacology: 01 and Pharmaceutical analysis: 01)

We have ample scope for doing research in different laboratories and analyze data in our central instrumental room. We have well spaced instrumental room with sophisticated instruments like UV, HPLC, pH meters, digital weighing balance etc. In addition all PG labs have the required research and analysis facilities.

**39. List of doctoral, post-doctoral students and Research Associates**

**1. from the host institution/university**

From the host: 01 No.

**2. from other institutions/universities**

From the other institutions: 04 Nos.

**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**

**a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**

Yes, constructive thoughts are utilized and drawbacks are worked on.

**b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Student feedback is prime. Improvement in teaching learning process is based on their input.

**c. alumni and employers on the programs offered and how does the department**

#### **utilize the feedback?**

Chairman and secretary are themselves on the roles and take active part in conduct of classes and improvement of research. There is an annual alumni meet which helps in interaction with the outgoing batches. The alumni e mail data bank is kept ready for placements, research feedback and progress.

#### **43. List the distinguished alumni of the department (maximum 10)**

<b>Name of the alumni</b>	<b>Department</b>	<b>Position held</b>
Dr. Raman Dang	Pharmacognosy and Phytochemistry	Principal
Mr. Santosh	MBA	Admission officer
Mr. Mahesh AR	Pharmaceutical Chemistry	Assoc. Professor
Mrs. Jyothi Y	Pharmacology	Associate Professor
Mrs. Kavitha	Pharmaceutics	Associate Professor
Mr. Kiran Kumar K	Technology transfer	Medrich Company
Mr. Patru Patel	Regulatory Affairs	Biocon Pvt Ltd.

#### **44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.**

Periodically college organizes Guest Lectures / Seminars by prominent personalities from Industries and Organizations and it is listed out in the following table:

<b>Year</b>	<b>Number of seminar/guest lecture conducted</b>
2010-2011	30
2011-2012	18
2012-2013	44
2013-2014	36
2014-2015	57

#### **45. List the teaching methods adopted by the faculty for different programs including clinical teaching.**

Teachers have to make lesson plan prior to the class. Black board teaching is preferred. LCD presentations are used as teaching aids. Models and charts are used for clinical related topics.

#### **46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?**

There is regular meeting of the class teacher with subject teachers. Principal meets the class teacher every Saturday and account of the entire teaching learning process is taken. Students also contribute by giving the correct feedback.

#### **47. Highlight the participation of students and faculty in extension activities.**

Students actively participated in cultural and sports and even inter collegiate competitions. There are excursions, industrial tour accompanied by the teachers. Faculty and students are encouraged to participate and attend any activity of self development and upgradation. They are sponsored for their registration to attend seminars, workshops and conferences.

#### **48. Give details of “beyond syllabus scholarly activities” of the department.**

They are regular recreation activities, debates, Quiz and brain storming sessions to

have motivation spirit always.

SL NO	ORGANIZERS	EVENTS	AWARD
1	PES College Aspiration-2014	Quiz	2 <sup>nd</sup> Prize
2	PES Aspiration-2015	Solo Song	First Prize
3.	PES Aspiration	Quiz	First Prize
4	Expressions 2015	Solo dance	First Prize

**49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.**

Our institute is affiliated under PCI, AICTE, RGUHS and the entire campus is ISO certified. College accredited or graded by NAAC and we are applying second time for NAAC accreditation for upgradation of quality education.

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

There are regular value added and Finishing school programmes.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**STRENGTH:**

- Accredited by NAAC.
- Strict principles of modern gurukulam are maintained. Each student is taken care individually to perfection.
- Friendly and homely working atmosphere.
- Updated curriculum, well equipped instruments and innovative teaching methodology to improve student's standard globally.
- Conducted guest lectures, additional training programmes like finishing school, soft skill development programme for outgoing students.

**WEAKNESS:**

- Collaboration with national agencies and industries as resource of funding for research activities need to be improved.
- Students come from different countries with ethnic backgrounds and different languages causing initial teaching problems but corrected after few months with development of strategic teaching methods.

**OPPORTUNITY:**

- ✓ Strong Institute-Industry interrelationship will provide more placements to the students.
- ✓ Conduct of national seminar, symposium will provide more exposure in Research methodologies.
- ✓ Attending national and International level conferences by the faculty members will help to make identity of the Institution globally.
- ✓ Collaborative projects for master students with the industry and with the other Government Institutes will provide wide exposure for both to the students and faculty members.

- ✓ PG students also can pursue their PhD under recognized faculty members of the Institutes.

#### **CHALLENGES:**

- ❖ Achieve 100% result and University ranks through extensive hard work.
- ❖ Strong bond building among the faculty members.
- ❖ Training of the foreign students in English language and development of communication skills of them is a real task.
- ❖ Achievement 100% placement for the students through campus interview.
- ❖ Collaboration with International Universities for providing facility for higher education and job to all the students.

#### **52. Future plans of the department.**

- To be the leader in Pharmacy education
- To make spirited, self motivated students.
- To excel in overall development of a student
- To work for “Total Quality Management” and beyond in terms of infrastructure and education.
- To have more recreational activities and value added courses.



# KCP 905 Krupanidhi College of Pharmacy

Recognized by the Govt. of Karnataka, Approved by Pharmacy Council of India, AICTE, New Delhi & Affiliated to  
Rajiv Gandhi University of Health Sciences, Bangalore. **Accredited by NAAC.**

(An ISO 9001 : 2008 Certified Institution)

REF: KCP/NAAC- 217/2016-2017

Date: 24/06/2016

## Declaration by the Head of the Institution

I certify 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 out sourced.

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**  
**Krupanidhi College of Pharmacy**  
**Chikkabellandur, Carmelaram Post,**  
**Varthur Hobli, Bangalore - 560 035**

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