



## Sri Jagadguru Mallikarjuna Murugharajendra College of Pharmacy

Approved by Pharmacy Council of India, All India Council for Technical Education-New Delhi, Affiliated to Rajiv Gandhi University of Health Sciences- Bengaluru

Ref. No. SJMCP/ *NAAC/2015-16/1038*

Date *02.11.2015*...

To

The Regional Co-ordinator  
Central Application processing Unit (CAPU)  
National Assessment & Accreditation Council  
Bangaluru – 560 072.

Dear Sir

Sub: Reg. Submission of Self Study Report (SSR) of our institution.  
Ref: Your office Letter No. NAAC/ACPU/SR/KACOGN24614/  
1<sup>st</sup> Cycle/2015/ dated 3<sup>rd</sup> June, 2015.

\*\*\*\*\*

Referring to the above, the institution pleases to submit its Self Study Report (SSR) online within the stipulated time. The institution's website is accordingly uploaded without protecting password.

The hard copies will be submitted shortly.

Thanking you

Yours faithfully

(Dr. Bharathi D R)  
Principal

SJM Vidyapeetha®



# SJM College of Pharmacy



## SELF STUDY REPORT

**Submitted to,**

**National Assessment & Accreditation Council**

Nagarbhavi, Bangalore 560072, Karnataka, India

**Submitted by,**

**Principal,**

SJM College of Pharmacy,

NH – 4 by pass, SJM Campus, Chitradurga - 577502

Karnataka, India



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Date : 02.11.2015

### CERTIFICATION OF COMPLIANCE

This is to certify that SJM College of Pharmacy, Chitradurga fulfils all norms

1. Stipulated by the affiliating university and /or
2. Regulatory Council /Body (such as AICTE, PIC, RGUHS) and
3. The affiliation and recognition (if applicable ) is valid as on date

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of condition by the institution will be sent.

It is noted that NAAC 's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the regulatory Council, as the case may be.

In case the undertaking submitted by the Institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 02.11.2015  
Place: Chitradurga

Dr. Bharathi DR  
Principal /Head of the institution  
(Name and Signature with office seal)

**PRINCIPAL**  
**SJM College of Pharmacy**  
**CHITRADURGA - 577 502**



## Sri Jagadguru Mallikarjuna Murugharajendra College of Pharmacy

Approved by Pharmacy Council of India, All India Council for Technical Education-New Delhi, Affiliated to Rajiv Gandhi University of Health Sciences- Bengaluru

Ref. No. SJMCP/ NACC/ 2015-16/ 1038

Date : 02.11.2015


### 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 been outsourced.

I am aware that the peer team will validate the information provided in this SSR during the peer team visit.

Date: 02.11.2015  
Place: Chitradurga

  
Signature of the Head of the Institution  
with Seal  
**PRINCIPAL**  
**S-J, M. College of Pharmacy**  
**CHITRADURGA - 577 502**



## ACKNOWLEDGEMENT

It gives me immense pleasure and privilege to submit the Self Study Report of SJM College of Pharmacy, Chitradurga, Karnataka for the first cycle of accreditation by the National Assessment and Accreditation Council (NAAC), Bangalore.

This report has been prepared following the guidelines of NAAC. The report is a reflection of the academic and administrative functions and activities. The preparation of this Self Study Report provided an opportunity to realize the strengths and weaknesses. It was an opportunity for the staff to introspect. This effort made the institution to move ahead few steps in quality enhancement process.

At the very outset, I would like to express my deep gratitude to respected President of SJM Vidyapeetha, **His Holiness, Dr. Shivamurthy Murugha Sharanaru**, Who has given us the opportunity to work. The SJM Vidyapeetha board members co-operation especially the advice of **Prof. S.H. Patel**, Vice President and **Sri K.V. Prabhakar**, Secretary has immensely helped us. I would like to thank the executive directors of SJM Vidyapeetha, **Prof. E. Chitrashekar** and **Dr G.N. Mallikarjunappa**, for their inspiring and tireless guidance and constant encouragement, throughout the period of present work.

A committee comprising of ten faculty members has been constituted to complete the report. The committee has prepared the report through group discussions with its members and regular interaction with Principal and the entire campus community. The report has been finalized with utmost sincerity, honesty and collective effort of the faculty members which is now being submitted to the NAAC for assessment and accreditation.

I am also grateful to all the teaching and non-teaching members of the college who spent countless hours in collecting and analyzing the data, compiling it, typing and refining the answers. Their dedicated efforts have led to the creation of this report.



**Dr. D. R. Bharathi**  
**Principal,**  
**SJM College of Pharmacy,**  
**Chitradurga, Karnataka**



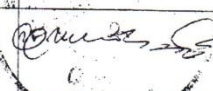
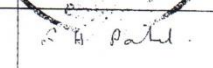
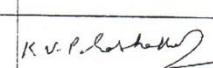
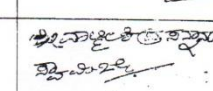
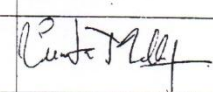
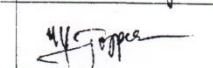
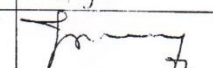
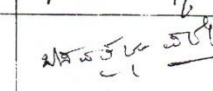
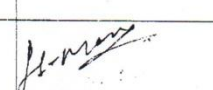
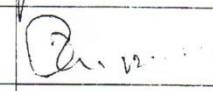


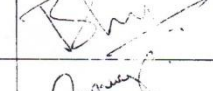

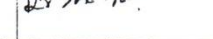
**His Holiness, Dr. Shivamurthy Murugha Sharanaru**

**President, SJM Vidyapeetha ®**

**Chitradurga**

313/14-15

**LIST OF THE GOVERNING COUNCIL MEMBERS FOR THE YEAR 2013-14**

Sl. No	Name & Address	Designation	Signature
1.	His Holiness Dr. Sri Shivamurthy Murugha Sharanaru Sri Murughamath, Chitradurga	President	
2.	Prof. S.H. Patel, C/11, Vidyanagar, Davanagere	Vice President	
3.	Sri K.V. Prabhakar, B.D. Road, Chitradurga	Secretary	
4.	Sri Jagadguru Prasanna Valmiki Mahaswamiji, Shree Valmiki Gurupeetha, Rajanahalli..	Member	
5.	Smt Sunitha Mallikarjun, Vidyanagar, Chitradurga	Member	
6.	Sri M.K. Tazpeer Davanagere Road, Chitradurga	Member	
7.	Sri J.M. Jayakumar Mahaveer Nagar Chitradurga	Member	
8.	Dr. Basavprabhu Patil Bettaduru, Kalyana Vaidyalaya, Basava Circle, Manavi	Member	
9.	Sri Raju S. Maralappanavar, Maratha Chala, Dharwad	Member	
10.	Sri Ravi B. Yadahalli, Rani Channamma Nagar, Jamakandi,	Member	
11.	Sri Suresh Chanashetty, Vidyanagar Layout, Bidar	Member	
12.	Sri Rajakumar Patil, Vidyanagar, Sedam	Member	
13.	Sri Basavaraj Patil, Naghsanti Building, APMC Yard, Ranebennuru	Member	
14.	Sri Shivanand S Diwanmal, Shivayogi Nagar, Athani	Member	
15.	Sri D. V. Sharanappa, Bilichodu Road, Bharamasagar	Member	







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Ref. No. SJMCP/

Date : 02/11/2015.

### INSTITUTIONAL GOVERNING COUNCIL

Sl No	Name	Designation
1.	His Holiness Dr. Shivamurthy Murugha Sharanaru President, SJM Vidyapeetha, Sri. Murughamath, Chitradurga	President
2.	Prof. S H Patel Vice President SJM Vidyapeetha, Chitradurga	Vice President
3.	Sri. K V Prabhakar, Secretary, SJM Vidyapeetha, Chitradurga	Member
4.	Prof. E Chitrashekar, Executive Director (General) SJM Vidyapeetha, Chitradurga	Member
5.	Dr. G N Mallikarjunappa, Executive Director (Academics) SJM Vidyapeetha, Chitradurga	Member
6.	Dr. Bharathi D R Principal, SJM College of Pharmacy, Chitradurga	Ex-Officio Secretary
7.	Dr. M.T. Suresh Babu, Dean BMCH & RC, Chitradurga	Member
8.	Prof. B.M. Jagadish Chief Engineer SJM Vidyapeetha, Chitradurga	Member
9.	Dr. Vishwottam K Asst. Director, Advinus Therapeutics Pvt. Ltd. Pune	Member

Principal





## Sri Jagadguru Mallikarjuna Murugharajendra College of Pharmacy

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Ref. No. SJMCP/

Date : 08/11/2013

### NAAC STEERING COMMITTEE

Sl. No	Name	Designation
01	Dr. Bharathi DR	Chairman
02	Dr. Maruthi T Ekbote	Coordinator
03	Dr. R Yogananda	Asst. Coordinator
04	Mr. Natraj. G. R.	Member
05	Dr. Nagaraja T. S	Member
06	Dr. Shirish. S. I	Member
07	Dr. Jagadish N	Member
08	Dr. Jayadevaiah K. V	Member
09	Dr. Basvaraja H. S	Member
10	Mr. Vijay Kumar MMJ	Member

*Bharathi*

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## **EXECUTIVE SUMMARY**

### **INTRODUCTION**

SJM College of Pharmacy is one of the health science institutions of SJM Vidyapeetha<sup>®</sup>, which was started as an offspring of Sri Murugha Math, Chitradurga in 1966 by the then pontiff Sri Mallikarjuna Murugharajendra Mahaswamigalu, with an intention to take the higher education to the threshold of aspirants. Dr. Shivamurthy Murugha Sharanaru is the present pontiff of Sri Murugha Math and the President of SJM Vidyapeetha. Chitradurga city is known for its unique Fort as one of the famous historical centers of Karnataka. The city is a district Headquarters located 200 kms away from Bangalore, on National Highway No-4. It has good road-railway linkage.

SJM College of Pharmacy was started in 1985 with Diploma in Pharmacy as only programme. Now it has raised upto Post Graduation courses and research level. It is the only college in the District. The College has great potential for further development to gain global standard and status.

The following is the summary of criterion wise analysis of Institution performance.

### **Criterion I: Curricular Aspect**

The Institution is an affiliated college of Rajiv Gandhi University of Health Sciences, Bangalore (RGUHS). The college has come up with a Vision, Mission, Goals and Objectives depending upon local educational needs and professional requirements in the country and globe. The Institution follows the curriculum of RGUHS, the Institution conduct Under Graduate, Post Graduate and Pharm.D programmes which are recognized by RGUHS, Pharmacy Council of India and All India Council for Technical Education, the statutory apex bodies in pharmacy education. The senior faculty participate in the Board of Studies and Workshops conducted to revise the curriculum.

The Institution prepares their own academic calendar of events, by incorporating other curricular and supportive activities of the Institution in calendar of events of the University. The students participate in college activities by attending classes,

practical's, seminars, workshops, conferences, NSS and Red Cross activities. The College has feedback taking mechanism from the stakeholders periodically. This feedback is made use of in correcting the deficits, strengthening the curriculum and motivating the students and faculty.

### **Criterion II: Teaching-Learning and Evaluation**

The institute follows admission and inclusive reservation policy framed by Government of Karnataka and RGUHS. The college administration provide basic infrastructure, qualified and trained faculty. The teaching is students centric and the lecture method is followed supported by seminars, symposium, special lectures, orientation program and group discussions. The college has well constructed classrooms, laboratories, library with internet Wi-Fi facility. BMCH & RC Hospital is associated with for hospital training of student. Adequate hostel facilities are provided for both boys and girls.

Faculty attend periodically the conferences, workshops, orientation and refresher courses to update their knowledge and skill. Hospital training, bedside teaching, reporting ADR's are the professional skills taught to students. Emphasis is given to developing the soft and hard skills in communication; career development opportunities; personality development and placement activities; writing assignment; project making and research aptitude in student community.

Evaluation is an integral part of the academics; the students are assessed periodically and annually as per the university norms. Each paper carry 100 marks divided into 30 for internal and 70 for annual examination. Problems relating to examination are addressed by the grievance cell at the college and university level. Three internal examinations are conducted for both theory and practical in each subjects. The marks secured in out of these three, best two are considered.

### **Criterion III: Research, Consultancy and Extension**

The Institution has a research centre, which is recognized by the RGUHS. The Institution has a Resarch Committee to monitor the issues related to research and publication. As a result, Government of Karnataka, Vision Group On Science &



Technology and two Rajiv Gandhi University of Health Sciences project have been sanctioned, with research fund of Rs. 41.5 lakhs.

The faculty and students also work as consultants with regard to health care management in and around the campus of the Institution. The extension activities of the Institution are mainly in the form of conduct of Camps, Rallies, Display of publicity materials, Door to door survey, Individual patient counseling in villages and so on.

These activities are conducted by the HODs of departments in co-operation with NSS unit of the college. Besides, the co-operation is sought and collaboration is created with some of the government and non-government agencies operating in the geographical areas of the college with regard to community health care activities.

#### **Criterion IV: Infrastructure and Learning Resources**

The Institution possesses 7 acres of land in the campus of 65 acres belonging to SJM Vidyapeetha, it has established its own building with well ventilated classrooms, seminar halls with modern LCD projectors which are useful to the teaching and learning. College library has good number of books of worth editions for reference. Book bank facility is created. E-library facilities like internet, Wi-Fi facilities, CDs and Helinet facility for accessing online journals are provided. Laboratories, museums and medicinal garden have been established to help the students in their learning process. The hostel facility for boys and girls is separately created. Auditorium, play ground, ATM and GYM are some of the other available facilities. SJM Vidyapeetha has its own 600 bedded Basaveshwara Medical College Hospital and Research Center at a distance of 5 kms from the Institution where the pharmacy practice department trains the students. The Institution also has animal house which help the students in carrying out research activities.

#### **Criterion V: Student Support and Progression:**

The Institution has a system for student support and mentoring. The selected faculty work as mentors and counsel students in group and individually. Their grievances are addressed and wherever needed, the services of psychiatrist from Basaveshwara Medical College Hospital and Research Centre are made use of. The Institution

publish a detailed prospectus annually. Scholarships are provided to the eligible students by Government of Karnataka and Government of India. Apart from this, the Institution also arranges financial help at SJM Credit Co-operative Society, Chitradurga. Skill development training activities including personality development is organized. During personality development, career planning and placement, the Alumni association helps the Institution by creating collaboration with industry while executing the programmes relating to career planning and placement. For conducting various activities like sports, cultural, community service and other personality development activities, the Institution helps the students and faculty to develop themselves physically, mentally, socially and spiritually.

#### **Criterion VI: Governance, Leadership and Management:**

The Institution has a clearly defined vision, mission statement, besides the set goals and objectives. The SJM Vidyapeetha is the apex body of the Institution. Further, the Institution has a Governing Council for which the President of SJM Vidyapeetha, that is, His Holiness, Dr. Shivamurthy Murugha Sharanaru is the chairperson. The eminent scholars, administrators, industrialists and senior faculty of college are members. The Principal is the member secretary, there by the principle of participatory management and collective decision making, is implemented in the Institution. Programmes are conducted at the Institution to train the faculty and students for their professional skills and career advancement. Regular meetings of Governing Council and other committees are conducted to discuss and decide on various issues relating to the academic performance of students and administrative functioning of the Institution. Finance and academic audit are conducted to know the deviation and deficiencies in the Institution. Corrective measures are taken through follow up actions.

#### **Criterion VII: Innovations and Best Practices**

The Institution has encouraged the faculty, students and office staff to keep the environment on the campus and within the building clean and green. Medicinal garden is created on campus and off campus areas by the Institution. It is ensured that the generation of waste is minimum and the same is segregated and disposed off

according the norms of the department of environment, Government of Karnataka. The awareness is created in staff and students regarding fire hazards, radiation, robust infection, by conducting different programmes. Use of ICT has been encouraged in teaching, learning, evaluation and administrative activities. From the point of view of enhancing the concentration power in students the renown traditional practices like yoga and meditation are taught in the Institution and made them to practice at home and hostels.

## **CONCLUSION**

In all, the Institution has been striving hard to materialize their vision, mission, goals and objectives. At their best, the infrastructural requirements are updated to the satisfaction of apex authorities like RGUHS, PCI and AICTE for their recognition of programmes. In the years to come, taking into account the recommendations by NAAC peer committee, the Institution will strive to give further boost to the quality excellence exercises in pharmacy education.

## SWOC ANALYSIS

### Strength

1. Geographical proximity- Chitradurga is the central part of Karnataka state; rightly linked with the road and railway connection.
2. It is the only college in the District.
3. Managed by a Philanthropic Math with social service as the only motto.
4. Good resource back ground – land, finance and man power.
5. Motivated faculty – majority of Ph.D qualified and experienced.
6. The associated Basaveshwara Medical College Hospital and Research Center for effective hospital training.
7. Community health care potentialities in the backward region.

### Weaknesses

1. Geographically disbursed and culturally vivid background of students. Besides the lack of English language.
2. Insufficient placement opportunities due to lack of industry – Institutional collaboration.
3. Multiple controlling authorities and their rigid regulations.
4. Lack of promotional motivation for Pharmacy graduates.

### Opportunities

1. Potential for horizontal and vertical growth - The Institution possess the sufficient land resource and man power.
2. Motivated faculty and staff desirous of vertical achievements.
3. Emerging clinical and health care needs due to increasing population and health care awareness.
4. Decrease in placement opportunity for the graduates from technical and general discipline.
5. Increasing number of hospitals and upward trends in the growth of Pharmaceutical units.



## Challenges

1. Matching the industry requirements with Institutional teaching, learning, research, consultancy and extension activities.
2. Matching the hiking salary expenditures due to the implementation of AICTE pay scale to faculty with the revenue generation in the Institution.
3. Coping up with the too many regulation by multiple apex bodies.
4. Attracting overseas students and achieving collaboration with domestic and foreign Institutions and industry.
5. Expanding Job opportunities beyond the pharmaceutical industries and Institution.

**Section B**  
**Profile of the Institution**

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

Name:	Sri Jagadguru Mallikarjuna Murugharajendra College of Pharmacy, SJM Campus		
Address:	NH-4, bye pass, Pune-Bengaluru Highway		
City: CHITRADURGA	Pin: 577502	State: KARNATAKA	
Website: www.sjmcp.org			

**2. For communication:**

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. Bharathi D. R	O: 08194-223231 R:	09972133455	08194-223242	principalsjmcp@gmail.com
Vice Principal	-----	-----	----	---	----
Steering Committee / IQAC Co-ordinator	Dr. Ekbote Maruthi T	O: 08194-223231 R:08194-224336	09483991063		mekbote2015@yahoo.co.in

**3. Status of the Institution:**

Autonomous College

Constituent College

**Affiliated College**

**- Yes -**

State University

State Private University

Central University

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

Institution of National Importance

Any other (specify)

**4. Type of University:**

Unitary

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√

**Affiliating**

**5. Type of College:**

Ayurveda

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Dentistry

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Homoeopathy

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Medicine

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Nursing

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**Pharmacy**

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Physiotherapy

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Siddha

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-----

Unani

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Yoga and Naturopathy

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Others (specify and provide details)

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**6. Source of funding:**

Central Government

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State Government

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Grant-in-aid

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**Self-financing**

**Trust**

√
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Corporate

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Any other (specify)

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7. a. Date of establishment of the institution: 24<sup>th</sup> April 1985 **Annexure-IP-1**

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

- |                                |  |                             |
|--------------------------------|--|-----------------------------|
| i. Autonomous College          | Yes <input type="checkbox"/>                   | No <input type="checkbox"/> |
| ii. Constituent College        | Yes <input type="checkbox"/>                   | No <input type="checkbox"/> |
| iii. <b>Affiliated College</b> | <b>Yes <input checked="" type="checkbox"/></b> | No <input type="checkbox"/> |
| iv. PG Centre                  | Yes <input type="checkbox"/>                   | No <input type="checkbox"/> |
| v. De novo institution         | Yes <input type="checkbox"/>                   | No <input type="checkbox"/> |
| vi. Any other (specify)        | .....  |                             |

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

Rajiv Gandhi University of Health Sciences (RGUHS), Bangalore, Karnataka

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

#### **VISION**

To create human resources, of global excellence in the field of Pharmaceutical Sciences, Research and Industry.

#### **MISSION**

- To create best infrastructure, for pharmacy education and training.
- To train the students in pharmaceutical sciences and practices for the local and global needs.
- To collaborate with the best organizations in the field of pharmacy to train and develop good employees and entrepreneurs.



**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)*		Applied*
ii. 12B*		
iii. 3*		

\* Enclosed forwarded copy from RGUHS to UGC- Annexure-IP-2

**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. RGUHS	a. AC/PH-35/2014-15 Dt. 01/09/2014 b. RGUHS/Ph. D /Guide /P07 / Dt. 23/01/2013 c. RGUHS/ACA/AFF/SJMCP/ Ph.D/2O 14 -15, Dt. 31/07/14	2014-15	B.Pharm Pharm. D M. Pharm Pharm. D(PB) Ph. D	Certificate of recognition Annexure-IP-3
ii. AICTE	F. No. South-West/1- 2460102627/2015/EOA	2015-16	B.Pharm M. Pharm	Annexure-IP-4
iii. PCI	a. Ref. No.17-1/2013-PCI, b. Ref. No.50-8/2014-PCI/14573- 75,19 <sup>th</sup> JUNE 2014	2016-17	Pharm. D B.Pharm	Annexure-IP-5

**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:**

Campus	Location *	Campus area in acres	Built up area in sq. mts.
i. Main campus area	SJM College of Pharmacy, SJM Campus, NH-4, Chitradurga Karnataka	Total campus area is 65 acres. SJM Pharmacy College has been exclusively provided 7 acres	2754.65*
		Drug information centre in Basaveshwara Medical College, Hospital and Research Center	278.10
ii. Other campuses in the country	---	---	---
iii. Campuses abroad	---	---	---

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

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

**14. Number of affiliated / constituent institutions in the Rajiv Gandhi University of Health Sciences, Karnataka (RGUHS).**

Types of institutions	Total	Permanent	Temporary
Ayurveda	-	-	-
Dentistry	-	-	-
Homoeopathy	-	-	-
Medicine	-	-	-
Nursing	-	-	-
<b>Pharmacy</b>	65	-	-
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	---
b. Accredited course / department by any professional body/ies	---
c. Affiliated colleges	---
d. Autonomous colleges	---
e. Colleges with Postgraduate Departments	---
f. Colleges with Research Departments	---
g. Constituent colleges	-----
h. University Departments Undergraduate Post graduate Research centres on the campus and on other campuses	----
i. University recognized Research Institutes/Centres	-----

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

Yes ☒

No ☐

**If the institution uses any other nomenclatures, specify.**

The college is affiliated to RGUHS and the degrees are conferred by RGUHS, Bangalore, Karnataka.

**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 permitted to be enrolled
UG	1. Bachelor of Pharmacy	60
PG	2. M. Pharm (Pharmaceutics)	18
	3. M. Pharm (Pharm. Chemistry)	10
	4. M. Pharm (Pharmacology)	06
DNB	-	-
Integrated Masters	-	-
Integrated Ph.D.	-	-
Pharm.D.	5. Pharm.D	30
	6. Pharm.D Post Baccalaureate	10
M.Phil.	-	-
Ph.D.	7. Pharmacology	02
Certificate	-	-
Diploma	-	-
PG Diploma	-	-
D.M. / M.Ch.	-	-
Sub / Super specialty Fellowship	-	-
Any other (specify)	-	-
<b>Total</b>	<b>07</b>	<b>136</b>

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

- Auditorium/seminar complex with infrastructural facilities Yes ☒ No ☐
- Sports facilities
  - Outdoor Yes ☒ No ☐
  - Indoor Yes ☒ No ☐
- Residential facilities for faculty and non-teaching staff Yes ☒ No ☐
- Cafeteria Yes ☒ No ☐
- Health centre
  - First aid facility Yes ☒ No ☐
  - Outpatient facility Yes ☒ No ☐
  - Inpatient facility Yes ☒ No ☐
  - Ambulance facility Yes ☒ No ☐
  - Emergency care facility Yes ☒ No ☐
  - Health centre staff
    - Qualified Doctor Full time ☒ Part-time ☐
    - Qualified Nurse Full time ☒ Part-time ☐
- Facilities like banking, post office, book shops, etc. Yes ☒ No ☐
- Transport facilities to cater to the needs of the students and staff Yes ☒ No ☐
- Facilities for persons with disabilities Yes ☒ No ☐
- Animal house Yes ☒ No ☐
- Incinerator for laboratories Yes ☒ No ☐
- Power house Yes ☒ No ☐
- Fire safety measures Yes ☒ No ☐
- Waste management facility, particularly bio-hazardous waste Yes ☒ No ☐
- Potable water and water treatment Yes ☒ No ☐
- Any other facility (specify).

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

	Working days				Teaching days			
Year	2011-12	2012-13	2013-14	2014-15	2011-12	2012-13	2013-14	2014-15
Number stipulated by the Regulatory Authority	240	240	240	240	180	180	180	180
Number by the Institution	252	276	252	267	192	200	190	192

**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).**

The Institution is reviewed by the RGUHS through Local Inspection Committee every academic year. Every year the information asked by AICTE is uploaded within the stipulated time, Pharmacy Council of India inspects for recognition once in three years, accordingly the Institution is recognized by all the above three regulatory authorities. Copy of the reports enclosed.

**Annexure No.IP– 3 - 5.**



## 22. Number of positions in the institution

Positions	Teaching faculty						Non-teaching staff	Technical staff
	Professor	Associate Professor/Reader	Assistant Professor	Lecturer	Tutor /Clinical Instructor	Senior Resident		
<b>Sanctioned by the Government</b>	05	---	06	11				
Recruited	05	03	08	11				
Yet to recruit	Nil	Nil	Nil	Nil				
<b>Sanctioned by the Management/Society or other authorized bodies</b>	05	---	06	11			19	03
Recruited	05	03	08	11			19	03
Yet to recruit	Nil	Nil	Nil	Nil				
<b>Stipulated by the regulatory authority</b>								
Cadre ratio								
Recruited								
Yet to recruit								
<b>Number of persons working on contract basis</b>				11				

### 23. Qualifications of the teaching staff

Highest Qualification	Professor		Associate Professor/Reader		Assistant Professor		Lecturer		Tutor /Clinical Instructor		Senior Resident	
	M	F	M	F	M	F	M	F	M	F	M	F
Permanent teachers	04	01	03	00	06	02	02	--	--	--	--	--
D.M./ M.Ch.	--	--	--	--	--	--	--	--	--	--	--	--
Ph.D./D.Sc./D.Litt/M.D./ M.S.	04	01	03	00	01	01	--	--	--	--	--	--
PG (M. Pharm. / Pharm. D, DNB, M.Sc., MDS., MPT, MPH, MHA)	--	--	--	--	--	--	04	01	--	--	--	--
AB/FRCS/FRCP/ MRCP/MRCS/FDSRCS	--	--	--	--	--	--	--	--	--	--	--	--
M.Phil.	--	--	--	--	--	--	--	--	--	--	--	--
UG	--	--	--	--	--	--	--	--	--	--	--	--
<b>Temporary teachers</b>	--	--	--	--	--	--	--	--	--	--	--	--
D.M./ M.Ch.	--	--	--	--	--	--	--	--	--	--	--	--
Ph.D./D.Sc./D.Litt/M.D./ M.S.	--	--	--	--	--	--	--	--	--	--	--	--
PG (M. Pharm./ Pharm. D, DNB, M.Sc., MDS., MPT, MPH, MHA)	--	--	--	--	--	--	--	--	--	--	--	--
AB/FRCS/FRCP/ MRCP/MRCS/FDSRCS	--	--	--	--	--	--	--	--	--	--	--	--
M.Phil.	--	--	--	--	--	--	--	--	--	--	--	--
UG	--	--	--	--	--	--	--	--	--	--	--	--
<b>Contractual teachers</b>	--	--	--	--	--	--	--	--	--	--	--	--
D.M./ M.Ch.	--	--	--	--	--	--	--	--	--	--	--	--
Ph.D./D.Sc./D.Litt/M.D./ M.S.	--	--	--	--	--	--	--	--	--	--	--	--
PG (M. Pharm./ Pharm.D, DNB, M.Sc., MDS., MPT, MPH, MHA)	--	--	--	--	--	--	--	--	--	--	--	--
AB/FRCS/FRCP/ MRCP/MRCS/FDSRCS	--	--	--	--	--	--	--	--	--	--	--	--
M.Phil.	--	--	--	--	--	--	--	--	--	--	--	--
UG	--	--	--	--	--	--	--	--	--	--	--	--
<b>Part-time teachers</b>												
D.M./ M.Ch.	--	--	--	--	--	--	--	--	--	--	--	--
Ph.D./D.Sc./D.Litt/M.D./ M.S.	--	--	--	--	--	--	04	02	--	--	--	--
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA)	--	--	--	--	--	--	04	--	--	--	--	--
AB/FRCS/FRCP/ MRCP/MRCS/FDSRCS	--	--	--	--	--	--	--	--	--	--	--	--
M. Phil.	--	--	--	--	--	--	--	--	--	--	--	--
UG	--	--	--	--	--	--	--	--	--	--	--	--

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

	Emeritus		Adjunct		Visiting	
	M	F	M	F	M	F
<b>Number</b>	02	Nil	03	Nil	Nil	Nil

**25. Distinguished Chairs instituted:**

Department	Chairs
--	--

**26. Hostel**

**Boys' hostel**

- |      |                   |                 |
|------|-------------------|-----------------|
| i.   | Number of hostels | <b>02</b>       |
| ii.  | Number of inmates | <b>75</b>       |
| iii. | Facilities        | <b>Adequate</b> |

**Girls' hostel**

- |      |                   |                 |
|------|-------------------|-----------------|
| i.   | Number of hostels | <b>01</b>       |
| ii.  | Number of inmates | <b>120</b>      |
| iii. | Facilities        | <b>Adequate</b> |

**Overseas students hostel Nil**

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

**Hostel for interns**

- |      |                   |                 |
|------|-------------------|-----------------|
| i.   | Number of hostels | <b>01</b>       |
| ii.  | Number of inmates | <b>22</b>       |
| iii. | Facilities        | <b>Adequate</b> |

**PG Hostel**

- |      |                   |                 |
|------|-------------------|-----------------|
| i.   | Number of hostels | <b>01</b>       |
| ii.  | Number of inmates | <b>22</b>       |
| iii. | Facilities        | <b>Adequate</b> |

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

Students	UG	PG			Integrated Masters	M. Phil	Ph.D.	Integrated Ph.D.
		PG	DM	MCH				
	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F	*M *F
From the state where the institution is located	16 + 06	01+ 02					02+00	
From other states	31 + 06	08+ 18						
NRI students	00+01	00+01						
Foreign students	Nil	Nil						
Total	<b>47+13</b>	<b>09+ 21</b>					<b>02+00</b>	

\*M-Male \*F-Female

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

- Year of establishment: 1985
- Number of continuing education programs conducted (with duration)  
Continuing Pharmacy Education
  - Induction
  - Orientation
  - Refresher
  - Post Graduate

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

Yes ☐ No ☒

- **If yes, indicate the number of programs offered.**
- **Are they recognized by the Distance Education Council?**

Not Applicable

**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: ..... (dd/mm/yyyy), Accreditation outcome/Result .....

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

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.

**Not Applicable**

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

**IQAC** ..... (dd/mm/yyyy)

**AQAR** (i) ..... (dd/mm/yyyy)

(ii) ..... (dd/mm/yyyy)

(iii) ..... (dd/mm/yyyy)

(iv) ..... (dd/mm/yyyy)

**Not Applicable**

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

**-Nil -**

## **CRITERION I: CURRICULAR ASPECTS**

### **1.1 Curriculum Planning, Design and Development**

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

Yes, the following are the vision, mission, goals and objectives.

##### **VISION**

To create human resources, of global excellence in the field of Pharmaceutical Sciences, Research and Industry.

##### **MISSION**

- To create best infrastructure, for the pharmacy education and training.
- To train the students in pharmaceutical sciences and practices for the local and global needs.
- To collaborate with the best organizations in the field of pharmacy to train and develop good employees and entrepreneurs.

##### **Goals and Objectives**

- To impart the job skills and research motivation in students to excel in all walks of life including the pharmaceutical sciences.
- To impart moral values, social responsibilities and attribute of students to make them good citizens.

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

The curriculum is designed by RGUHS as per the norms formulated by PCI, AICTE and academic calendar prepared by the Institution reflect the core and supportive activities for attaining the goals and objectives of the Institution.

**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.).**

The Institution is affiliated to Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka. The curriculum is designed by University and revised periodically as per the general requirements to train excellent pharmacy graduates. The Principal and senior faculty members participate in workshops, BOS meetings etc., conducted by University and other authorities for the purpose of periodical revision to update the curriculum.

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

- **Community needs**
- **Professional skills and competencies**
- **Research in thrust / emerging areas**
- **Innovation**
- **Employability**

**Community needs** – These are taken care of while designing the curriculum at University level and while preparing academic calendar at the college level. Camps, rallies, road shows, exhibition of play cards etc., are programmed in and around the Institutional premises.

**Professional skills and competencies** – Research consultancy and awareness program are planned and executed by the Institution. Seminars, conferences, workshop and group discussion are conducted and attended by the students and faculties.

**Research in thrust/emerging areas** - Feedback from community participation activities are taken for the college level studies and to explore the opportunities to take up minor and major research projects.

**Employability** - Hard and soft skill development programs are conducted in the institute to instill the skills needed to take up employment, jobs in the field of Pharmaceutical sciences, practices and industry. Industry exposure programmes are conducted.

**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?**

It is mandatory on the part of the Institution to follow the guidelines of RGUHS, PCI & AICTE apart from the programs organized by SJM Vidyapeetha, to imbibe moral and spiritual values in students.

**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 College has established a continuous relationship with industry research organization and civil societies, through MoU's and conduct activities in communities to provide exposure training to students. The college is benefited by way of good reputation in the industry sector, research organization and in the civil society. Students, faculty, Management, parents and prospective employers are benefited by way of getting the expected outcomes.

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

Quality excellence expected in the global healthcare system is taken care of while designing the curriculum. The special expectations in the field of pharmacy education and practice like Standardization of Herbal drugs, Nutraceuticals, Patenting, Intellectual Property Right (IPR), Current Good Manufacturing Practice (cGMP), Current Good Laboratory Practice (cGLP) are the current trends in the world, in the field of Pharmaceutical Industry and Practice.



By the RGUHS, the activities are planned in the academic calendar of the Institution at various levels of B.Pharm, M. Pharm, Pharm.D and Ph.D., programmes.

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

The college itself is affiliated to RGUHS and the new program of the University, PCI and AICTE are well considered with an intention to move with the trend. For example, Pharm.D program was introduced in India during 2008-09 and our college also started this program in the same year.

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

Yes, the Institution has the program relevant to regional needs. Programs relating to use and abuse of drugs are organized in rural and urban areas to create awareness in public and offer solutions wherever needed.

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

- **Behavioral and Social Science.**
- **Medical Ethics / Bio Ethics / Nursing Ethics.**
- **Practice Management towards curriculum and/or services.**
- **Orientation to research.**
- **Rehabilitation.**
- **Ancient scriptural practices.**
- **Health Economics.**
- **Medico legal issues.**
- **Enhancement of quality of services and consumer satisfaction.**

**Behavioral and Social Science**

The Institution conducts programs to inculcate good hobbies in students and faculties including the social empathy. How to approach the general public with humility are taught by conducting special lectures and community camps. The personality development programs and interaction have been conducted in

the Institution by His Holiness Dr. Shivamurthy Muragha Sharanaru, who himself is a personality development trainer. This helps to imbibe spiritual values and confidence in their life.

### **Medical Ethics / Bio Ethics / Nursing Ethics/ Pharmacy Ethics**

Pharmacy Ethics are taught in the orientation Program by taking Pharmacy oath. Ethical committee is formed so that moral behavior of student is improved.

### **Practice Management towards curriculum and/or services**

Apart from laboratory classes in the college students are deputed to Basaveshwara Medical College Hospital and Research Centre for clinical practice. Industrial exposure is a part of the Academic calendar.

### **Orientation to research**

With an intention to create interest among students and faculty in research activities, orientation programs are conducted where in which they are motivated.

### **Rehabilitation**

Result analysis is carried out to identify the slow learners and counseling is conducted and remedial classes are organized to improve their performance.

### **Ancient scriptural practices**

Students and faculty are exposed to Ayush system of medicine by conducting special lectures and providing field exposure. MoU is entered into with Sri. Raghavendra Ayurveda Medical College, Malladihalli, Chitradurga District, to train students and faculty in Ayurvedic medicine.

### **Health Economics**

Pharmacoeconomics aspects are taught as a part of the curriculum. Accounting practice exposure is given during industry visits. This helps the students to select cost effective drugs for economically poor patients.

**Medico legal issues:**

Forensic Pharmacy is also taught as a part of curriculum. The faculty service of SJM Law College has also been made use of to provide more legal exposure to the students.

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

Students and faculty are taught regarding the ways and means of enhancement of quality of services to be offered to the customer and general public. The socio economic - cultural behavior of various groups is briefed. This helps the student for producing quality products.

Programs regarding the consumer's needs and pharmaceutical products and services are identified to enable the students to try their efforts to reach the consumer satisfaction.

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

Patient counseling is done by the students at Basaveshwara Medical College Hospital and Research Centre, a sister concern of SJM Vidyapeetha. Case sheets are written by the students visiting the hospital in different departments to make sure the right medicine in a right dose is given to a right patient.

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

Besides the academic coaching and clinical training at BMCH & RC, the Institution conducts value added programs for skill development. It includes hard and soft skills in communication, project making, event management etc.,

On completion of the course a certificate is issued to the participants. The college funds for these activities.

#### **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.**
- **Integration of subjects taught with their clinical application.**
- **Integration of different systems of health care (Ayurveda, Yoga, Unani, Homeopathy, etc.) in the teaching hospital.**

Integration of theory and practice in UG and PG program has been created in the curriculum itself. It has been tried in Allopathy and AYUSH disciplines also. B.Pharm & M. Pharm program; B.Pharm & Pharm.D (Post Baccalaureate – a lateral entry course) and Pharm.D itself an UG and PG integrated program, are there in the college to provide higher education opportunity to students. Horizontal and vertical integration of interdisciplinary subjects is created in the curriculum of RGUHS itself. Besides, the Institution has taken interest in creating the participatory training opportunities in AYUSH. MoU's are created accordingly, wherever needed with the concerned institutions.

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

The interface between Public Health, Medical Practice and Medical Education has been achieved by involving students in clinical training in BMCH & RC; health care awareness through extension programs of NSS and Red Cross units in the college. Continued Pharmacy Education (CPE) programs are conducted in each department, every year.

### **1.2 Academic Flexibility**

It is achieved in the college by providing selection options to students in UG and PG Programs: B.Pharm, M. Pharm and Pharm.D are the main options.

### 1.2.1 Furnish the inventory for the following:

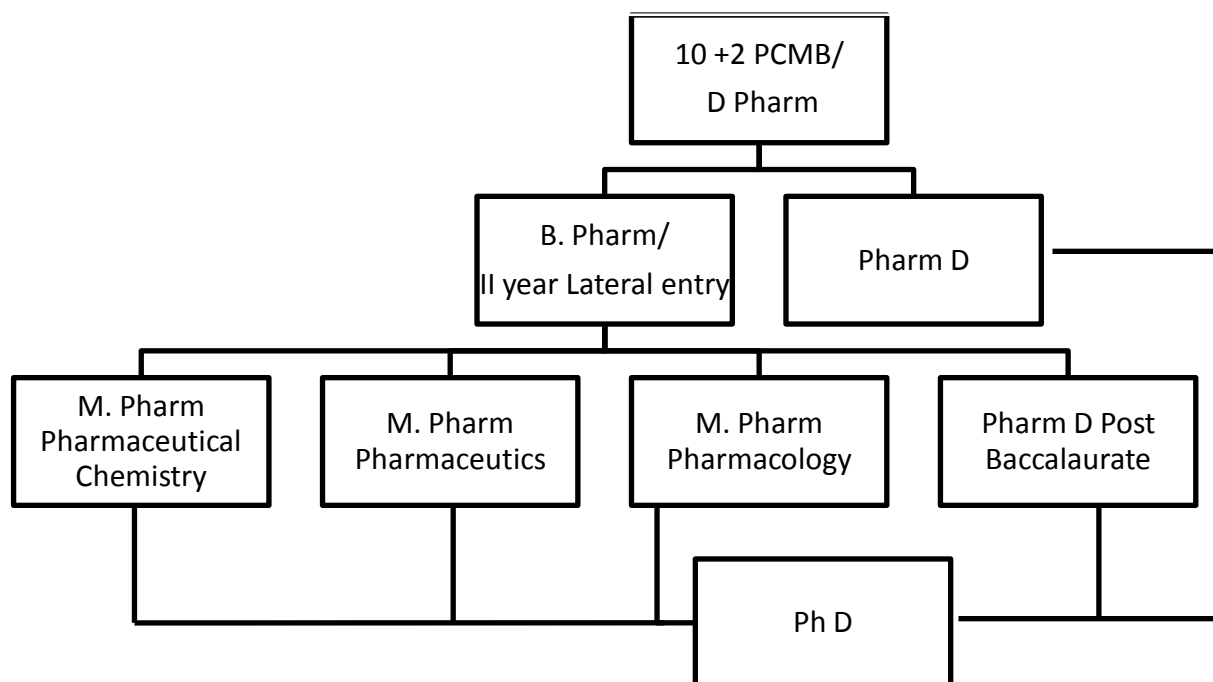
- Programs offered on campus

Sl. No	Name of the Course	Intake
01	B.Pharm	60
02	Pharm.D	30
03	Pharm.D Post Baccalaureate	10
04	M Pharm Pharmaceutical Chemistry	10
05	M. Pharm Pharmaceutics	18
06	M. Pharm Pharmacology	06
07	Ph.D Pharmacology	02

- Overseas programs offered on campus

NIL

- Programs available for colleges/students to choose from



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

- a. Core options**
- b. Elective options**
- c. Bridge course**
- d. Enrichment courses**
- e. Credit accumulation and transfer facility**
- f. Courses offered in modular form**
- g. Lateral and vertical mobility within and across programs, courses and disciplines and between higher education institutions**
- h. Twinning programs**
- i. Dual degree programs**

**a) Core options:**

<b>Sl. No</b>	<b>Name of the Course</b>
01	B.Pharm
02	Pharm.D
03	Pharm.D Post Baccalaureate
04	M Pharm Pharmaceutical Chemistry
05	M. Pharm Pharmaceutics
06	M. Pharm Pharmacology
07	Ph.D Pharmacology

**b) Elective options:**

In Final year B.Pharm apart from regular subjects two elective subjects are proposed by the University.

**In Final B.Pharm**

**Elective I**

**Industrial Pharmacy**

- a. Advanced Industrial Pharmacy
- b. Pharmaceutical Marketing and Management

**Or**

**Elective II**

**Pharmacy Practice**

- a. Pharmacokinetics and therapeutic drug monitoring
- b. Clinical and Hospital Pharmacy



### **In M. Pharm**

Optional

- a. Pharmacology
- b. Pharmaceutical Chemistry
- c. Pharmaceutics

c) **Bridge course:** In the beginning of every academic year one week Bridge course is conducted.

d) **Enrichment courses:** Students are taught to be competitive by encouraging and training the final B.Pharm students with GPAT examination. All the students take part in Quiz, essay writing, group discussion and seminars.

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

- other states,
- socially and financially backward sections,
- International students?

#### **Other states:**

Students from other states are admitted under management quota through entrance test conducted by college. The general takers are from the neighbouring states - Kerala, Tamil Nadu and Andhra Pradesh.

#### **Socially and financially backward sections:**

Karnataka Examination Authority Bangalore through Common Entrance Test selects the students belonging to different categories.

#### **International students**

For SAARC students from Nepal, fee concession is provided and admitted by the approval from RGUHS Bangalore.

**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?**

All the programs B.Pharm, M. Pharm, Pharm. D, Pharm. D (PB) and Ph.D are offered in the institute are on self financed basis. All norms followed in the Institution are as per the norms of Apex bodies.

**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?**

The RGUHS, as per the orders of UGC, has taken initiative in introducing this system in the coming years.

**1.2.6 What percentage of programs offered by the institution follows?**

- Annual system
- Semester system
- Trimester system

Annual system is followed in all programs both in UG and PG program

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

All undergraduate and postgraduate programs run by S.J.M College of Pharmacy, Chitradurga are almost interdisciplinary programme. M.Pharm in, Pharmaceutics, Pharmaceutical Chemistry and Pharmacology are interdisciplinary and innovative in nature. Pharm.D programme is a six year course and after B.Pharm the students can continue the education by joining Pharm.D programme, a Post Baccalaureate for three more years.

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

Pharm.D, a Post Baccalaureate program is the one which is started in the Institution to enrich the knowledge and skill of practicing professionals. It has opened a new era in pharmacy education which helps the students to know more about Pharmacy Practice and acquire knowledge about Clinical pharmacy, developing in term the professional skills and career advancement traits. It is observed that all the graduates of first and second batches have been well placed.

## **1.3 Curriculum Enrichment**

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

The Institution is an affiliated college of Rajiv Gandhi University of Health Sciences, Bangalore Karnataka. The curriculum is designed by the University and revised periodically as per the requirements of the society and the directions by statutory bodies. The Institution provides feedback to the university and senior faculty members participate in this exercise.

The RGUHS has reviewed the syllabus of B.Pharm from the academic year 2014-15.

### **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**
- **programs in emerging areas**

Till 2009, the Institution had only B.Pharm Program with subjects prescribed by RGUHS establishing interdisciplinary integration at each stage/year of the program. Pharm.D program was introduced in 2008-09. The following are the details

<b>Year</b>	<b>Programme</b>	<b>Nature of programme Multi/inter disciplinary</b>	<b>Programme in emerging area</b>
1991	B.Pharm - UG	Multi/inter disciplinary	Manufacturing Formulation
2007-08	M. Pharm - PG Pharm. Chemistry	Multi disciplinary	Bulk drug production and Research area
2008-09	Pharm.D – UG & PG	Inter disciplinary	Clinical Pharmacy and Clinical trials
2011-12	Pharm.D (PB) – PG	Multi disciplinary	Clinical Pharmacy and Clinical trials
2010-11	M. Pharm PG Pharmaceutics	Multi disciplinary	Manufacturing, Formulation
2010-11	M. Pharm PG Pharmacology	Multi disciplinary	Research
2014	Ph.D Pharmacology	Multi disciplinary	Research

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

The university adopts the strategy of collecting feedback from affiliated institutions regarding changes in the curriculum. Institution in turn collects feedback from stake holders and send to the university. Generally the university revises curriculum once in six years.

**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?**

The following are some of the value added courses conducted by the Institution

- **Moral and ethical values:**
  - Certification course in Vachana Literature – Vachana Kammata Exam.
  - Students interact with people on social, moral and ethical principles
- **Employable and life skills**
  - Communication skills in English – Reading, Writing and Expression Skills.
  - Intercollegiate competitions in both Cultural and Academic related activities

- **Better career options**
  - Personality development sessions, Health awareness programmes, Presentation of skits are conducted for the people residing in surrounding villages to inculcate hygienic, social, moral, ethical principles.
- **Community orientation**
  - Industrial tours to various pharmaceutical companies and DIC tours
  - Guest lectures and interactive classes with industrial experts and academicians.

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

Yes. The college has made provision for developing additional skills among students in consonance with the national health programme, National Skill Development Corporation of India's guidelines are followed in the Institution. Programmes are conducted to develop research and publication skills among faculty and students. From the point of view of enriching the knowledge and skill of faculty and students regarding national health programmes, the Institution conducts various activities like special lecture, rally etc., on the occasion of dedicated days.

### **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?**

The Institution conducts activities and programmes to benefit students and faculty, in an integrated way to build their overall personality - physical, mental, emotional and spiritual. Sports, cultural and camp activities are planned and executed to ensure the physical fitness. Quiz, group discussion, paper presentation, publication etc., are conducted to brainstorm them. Community visits and camps are conducted to instill in them, the value of social empathy. Yoga, meditation and National Integration related activities are conducted to imbibe the value of service and religious tolerance.

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

Yes, B.Pharm curriculum has certain subjects like Pharmacy Practice, which include, Pharmacokinetics and Therapeutic drug monitoring, Clinical and Hospital Pharmacy which educate the students to know about rational use of drugs.

Pharm.D program is totally clinical oriented where the students visit clinics and study the prescription, conduct patient counseling to achieve right medicine, to a right patient with a right dose.

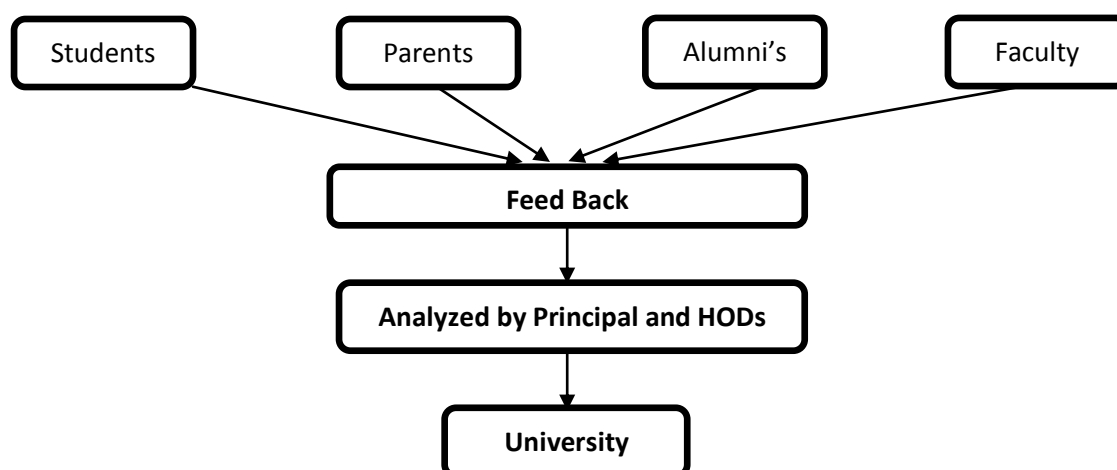
### **1.3.8 Does the curriculum cover additional value systems?**

Yes, the Institution endeavours to add additional value system to the existing curriculum prescribed by the Rajiv Gandhi University of Health Sciences. The programme include some value added courses like skill development and ICT training.

## **1.4 Feedback System**

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

Yes, the Institution has a formal mechanism to obtain feedback from stake holders: The following diagram illustrates it



The feedback collected from the stake holders is analyzed by the Principal and the HODs at their meeting and forward to RGUHS for further considerations.



**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.**

The university is yet to bring this into the practice.

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

Feedback mechanism is created in the college. The committee entrusted with this job distributes the feedback forms and collect the filled in forms every year at the end of the academic year. It is taken from students, teachers, academic peers and Industry representatives. Consolidated information will be sent to the University for further action.

**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?**

Rajiv Gandhi University of Health Sciences, Bangalore has a BOS committee, a deciding authority regarding the curriculum design and periodic revision. The Institution provides information regarding feedback to the university BOS committee to facilitate them to revise the curriculum.

**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?**

The Management of the Institution recommends for obtaining the feedback from students, alumni, parents and academic peers. The data collected are analyzed and utilized for quality enhancement in teaching, learning, research, consultancy and extension activities. This helps the institute for its overall development.

## **CRITERION II: TEACHING-LEARNING AND EVALUATION**

### **2.1 Student Enrolment and Profile**

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

To ensure the publicity and transparency in admission, the admission notification is displayed on the notice board and the college website. Also published in local, regional daily news papers, local TV channels and through pamphlets. Prospectus contains detailed information about academic and administrative aspect of the college.

#### **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).**

Admissions are carried out as per the guidelines of the Rajiv Gandhi University of Health Sciences (RGUHS), Bangalore; rules and regulation framed by the Government of Karnataka. Karnataka Examination Authority (KEA) conduct Common Entrance Examination (CET) for filling the Government quota seats. Out of 60 intake, 12 are filled as per KEA norms and the rest of 48 are filled by the Management taking into account the marks secured by the applicants in the qualifying examination. With regard to Pharm.D programme 50:50 is followed.

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

Admissions in the affiliated colleges in Karnataka are regulated by the Government of Karnataka, Directorate of Medical Education and the eligibility criteria of RGUHS. The KEA conducts CET and the eligible

students are communicated online and issued with selection letters. Students approach the concerned college for further formalities. Fees are paid as per Government and University norms.

**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?**

Yes, the Institution has the mechanism to review the admission process and student profile. The admission committee of the Institution undertakes the responsibility of segmenting of students based on geography, economic status, social back ground, linguistic diversity and academic performance. The committee recommends the measures to be implemented in the Institution for improving the admission process, after discussing at the college council meeting.

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

- **SC/ST**
- **OBC**
- **Women**
- **Persons with varied disabilities**
- **Economically weaker sections**
- **Outstanding achievers in sports and other extracurricular activities**

The college follows the policies laid down by the Government of Karnataka and the Government of India with regard to admissions of SC/ST, OBC category students. As per the Government norms reservations are made for women, persons with varied disabilities, economically weaker sections, outstanding achievers in sports and other extracurricular activities.

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

Categories	2011-12*		2012-13		2013-14		2014-15	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	00	00	00	00	00	00	00	00
ST	00	00	00	00	00	00	03	00
OBC	00	00	03	01	00	00	00	00
General	17	26	21	27	41	41	60	32
Others	00	00	00	00	00	00	00	00

\*The decrease in the admission for B.Pharm for the academic year 2011-12 was because of speculation in employment market.

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

The demand ratio i.e., the ratio of available intake seats and the demand for the same has not being calculated by RGUHS. However, the college has computed this ratio by taking into account the total number of applications received and the seats falling under the management quota. It is about 1 : 4.

**Program-wise data analysis:**

**Student Strength in Academic year 2014-15**

Sl No.	Program	Total Intake	Students Admitted	Seats Unfilled
1.	B.Pharm	60	60	Nil
2.	Pharm.D	30	30	Nil
3.	Pharm.D (PB)	10	01	09
4.	M. Pharm	34	Nil	34
5.	Ph. D	02	02	Nil
	<b>Total</b>	<b>136</b>	<b>93</b>	<b>43</b>

**Student Strength in Academic year 2013-14**

Sl No.	Program	Total Intake	Strength of Students
1.	B.Pharm	60	44
2.	Pharm. D	30	30
3.	Pharm.D (PB)	10	02
4.	M. Pharm	34	05
	Total	134	81

**Student Strength in Academic year 2012-13**

Sl No.	Program	Total Intake	Strength of Students
1.	B.Pharm	60	13
2.	Pharm. D	30	28
3.	Pharm.D (PB)	10	02
4.	M. Pharm	34	03
	Total	134	46

**Student Strength in Academic year 2011-12**

Sl No.	Program	Total Intake	Strength of Students
1.	B.Pharm	60	11
2.	Pharm. D	30	30
3.	Pharm.D (PB)	10	02
4.	M. Pharm	34	07
	Total	134	50

- There is decrease in PG admission due to decline in UG output.

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

No Programme has been discontinued in the last four years.

## **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, HOD's of all the departments conduct orientation programme in the beginning of the academic year. The mentors and subject teachers brief about the infrastructure, course objectives, subjects and their importance. The duration of the programme is one week. The feedback taken from the students will be used to upgrade the quality of orientation programme.

### **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?**

Based on the performance of the students in the qualifying examination, students are grouped as slow learners, average learners and advanced learners. Bridge classes are conducted for all the students. Remedial classes are conducted for slow learners. Expert counsels for challenging students. In the hostel, students are grouped according to their cultural and food habits. Accordingly their requirements are taken care of. This way the Institution helps the differential requirements of students.

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

Based on the marks secured in the qualifying examination and in the periodical tests students are grouped as advanced learners and slow learners. Accordingly, special coaching classes are conducted after regular classes on selected days. Separate time table is framed for this purpose.

**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?**

Yes, the bridge classes are conducted for all students of all classes in the beginning of the academic year. It is of one week duration to link the knowledge of the past with the present learning. It is structured in the regular time table and the faculty are instructed as to how to link the present subjects with past knowledge of students. The principle of teaching from known to unknown is followed while planning the bridge classes.

**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?**

Yes, the Institution has a mechanism to identify and monitor the growth of academically disadvantaged students. The concerned teacher mentor observe, supervise and report their academic performance. This report serves as a basis for conducting special coaching and individual counseling. The main finding is the improvement in their academic performance.

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

Yes, the RGUHS has made provision to teach the basics of Kannada language for the students from outside the Karnataka state. However, the college has made arrangements to teach basics of Kannada language to enable them to communicate with local people in their day to day activities.



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

Special lectures, seminars, group discussions are conducted on the topics of moral and ethical values. The President of SJM Vidyapeetha, Dr. Shivamurthy Murugha Sharanaru himself is a preacher. The values of Sharana's i.e., the spiritual practitioners of 12<sup>th</sup> Century in Karnataka are taught by him to the students. Students are made involved in community services including Health Care Awareness activities through NSS, Red Cross etc., unit of the college.

**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.**

To sensitize the students to the national integration and constitution of India the college has been organizing various socio - cultural activities on account of Independence Day, Republic Day, World Literacy Day, World Environment Day etc. For Women empowerment girl students are addressed through various programmes to create awareness with regard to their rights, duties, customs, traditions, behavior, expressions, social responsibilities etc.

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

Students are taught in the class room and outside by teachers and college administration with regard to eastern way of life in the past and present. The importance of cultural and spiritual ways of life - wearing cloths, customs, traditional, spiritual practice, respect towards the nature and plants is taught. Practice like yoga, meditation, nature cure are taught informally in the college and practiced in the hostels.

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

Sahaja Shivayoga, a technique of meditation is taught by the Swamiji of Sri Murugha Math, during Sharana Samskruti Utsava every year. Yoga is practiced by boys and girls in their respective hostels under the special care of experts.

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

Our Management i.e., SJM Vidyapeetha runs a Basaveshwara Medical College Hospital and Research Center. The diverse health issues of our students and staff are taken care of in that hospital. The hospital provides concession up to 50% to staff and students of this college.

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

The college has made arrangements for addressing the problems of different students group in each class. Remedial coaching has been organized for slow learners and motivation classes for advanced learners with care takers. For each group teacher mentors are assigned to take care of individual and group problems.

**2.3 Teaching - Learning Process**

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

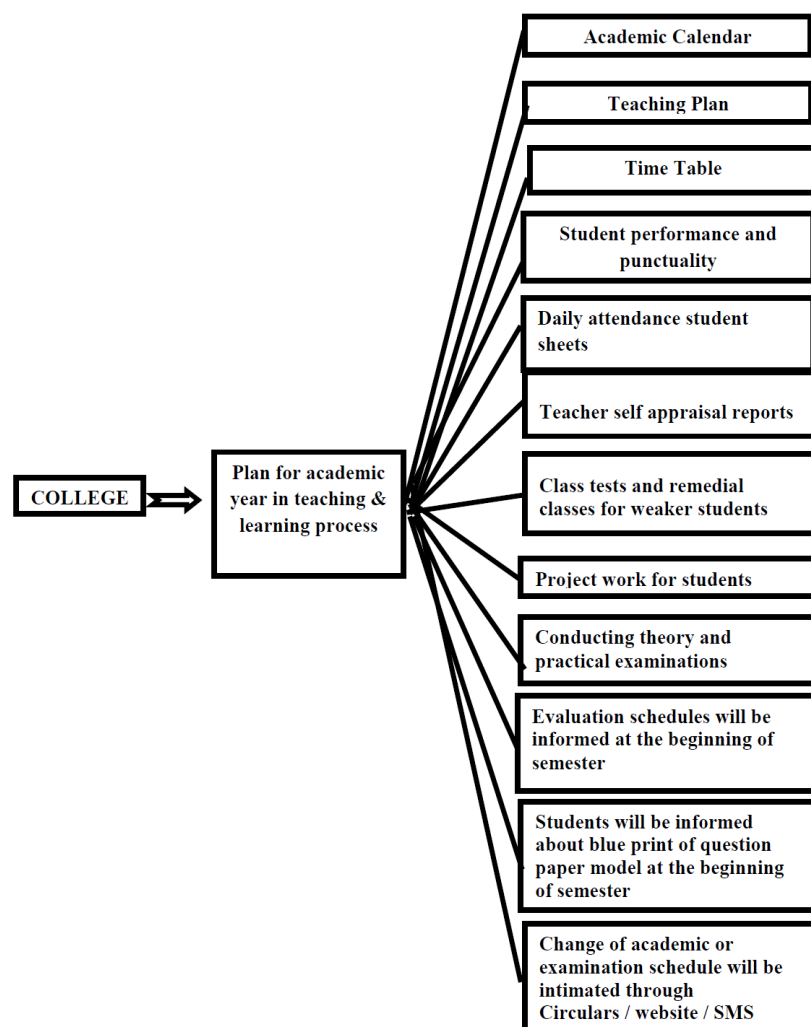
- **academic calendar**
- **master plan**
- **teaching plan**
- **rotation plan**

- course plan
- unit plan
- evaluation blue print
- out - patient teaching
- in - patient teaching
- clinical teaching in other sites
- teaching in the community

Sl. No	Schedule	Plan and organization
1	<b>Academic calendar</b>	After receiving the academic calendar of events from RGUHS every year, the college prepares its own academic calendar by incorporating the other supportive curricular and co - curricular programmes to be conducted in the Institution.
2	<b>Master plan</b>	It includes integrated activities of curricular and co-curricular in nature. For each activity, to facilitate smooth and effective implementation the master plan is prepared.
3.	<b>Teaching plan</b>	Individual teacher maintains the lesson plan for the assigned subject and execute accordingly.
4.	<b>Rotation plan</b>	It is followed while planning the clinical postings of students. It is also planned while assigning the job to the ministerial staff in the office.
5.	<b>Evaluation blue print</b>	The Institution has a Sessional Examination Committee, which prepares the sessional Time Table for the entire academic year and the pattern of question paper to be followed. Marks distribution is as per the RGUHS. <ol style="list-style-type: none"> <li>Out of three sessionals, best of two are taken.</li> <li>Out of total 100 marks assigned to each paper 30 are sessional marks and 70 for annual examination.</li> </ol>
6.	<b>Out – patient teaching</b>	Students are deputed to Basaveshwara Medical College Hospital and Research Center, where under the guidance of faculty they learn to analyze the prescribed medicine for patients.

7.	<b>In - patient teaching</b>	Students are made to attend ward rounds as per the time table along with Doctors and Pharmacy Practice faculty who conduct bedside teaching in the wards.
8.	<b>Clinical teaching in other sites</b>	Bedside teaching at Basaveshwara Medical College Hospital and Research Center and also during the community health camps.
9.	<b>Teaching in the community</b>	The extension programmes are conducted to expose the staff and students to Community Health Care needs. They also take feedback from patients and public for analysis in classroom teaching and laboratory experiments.

In the beginning of the year Institutional committee under the leadership of Principal, plans and organizes academic schedules as calendar of events as below.



**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, in the beginning of every academic session, orientation program is conducted for the first year students and bridge classes for the second, third and final year students. During this period, students are briefed about the course objectives and the facilities provided in the college for teaching and learning activities in curricular and co - curricular programmes.

The effectiveness of this orientation and bridge classes have been seen in the result performance of students in the annual examinations - theory, practical and tutorial classes.

**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.**

No problem has been faced in the college for completion of scheduled programmes of the academic calendar.

**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.**

Classroom teaching is mainly a lecturing method. It is supported by practical teaching in laboratory and hospital. Tutorial classes are conducted to develop the hard and soft skills in students in various subjects prescribed by the university in the curriculum. Seminars, symposiums, group discussions etc., are conducted to develop expression skills among students and faculties.

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

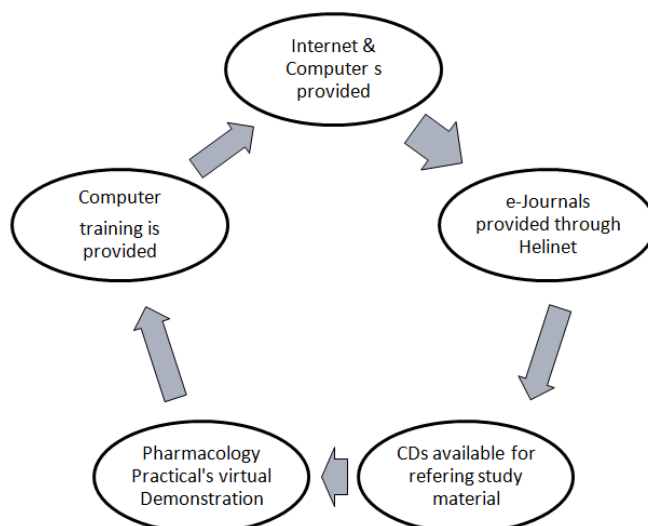
The Institution is totally open in its plan and execution of curricular, co-curricular and community oriented programmes. Academic experts from other colleges and industrial organizations are invited for special lectures, to interact with students on current affairs and developments in Pharmaceutical Science, practice and industry. Research methodology orientation classes have been conducted in the college for students and faculty by the research centre established at the college. Assessment of teachers by external peers has been conducted.

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

Yes, the class rooms are provided with Information and Communication Technology (ICT) facilities for the purpose of encouraging the students and teachers to make use of it for effective teaching, learning and evaluation. e - library is established. Hard and soft copies of learning resources are provided to students.

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

The following diagram illustrates this



**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?**

Pharmacy Practice Department in the college is vested with the responsibility and authority to conduct studies in community health care and needed pharmaceutical practice. The group consists of HOD of Pharmacy Practice Department, NSS officer, HOD of Pharmacology department, Basaveshwara Medical College and Hospital and four student representatives. The principal is the chair person. The community feedback and patients opinion regarding pharmaceutical practices are recorded and reported to the committee by study groups. The co-ordinator of the committee provides this information to the teachers of the college for enriching their teaching in classroom. With regard to the epidemic diseases like H1N1, Dengue, Chicken guinea etc., in the surrounding villages of Chitradurga city, the college has been conducting such studies.

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

Use of ICT has been encouraged in the college by establishing e-laboratory, virtual class rooms, smart boards, e-library etc.

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

Yes, 15 to 20 students are grouped in each section and mentored by faculty member who keeps the track record of the students and guide academically to improve the performance regularly.

**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?**

The Institution is continuously adopting independent, collaborative and interactive teaching methods by providing ICT facilities, computer laboratory for access of e-learning and language learning process.

Innovative practices such as field exposure; bedside drug administration analysis, training to students at hospital; correlating the Case Sheet information with personnel experience and expression of the patients; deploying the students group to pharmaceuticals dispensaries in Chitradurga city and hospitals to make them understand about marketing, maintenance of accounts, expiry drugs management etc., are being some of the examples for innovative teaching and best practices. Entrepreneurship development programmes are also been conducted.

During the last four years, college has installed the equipments like Double beam UV - Visible Spectrophotometer, Fourier Transform Infrared Spectrophotometer (FTIR), Centrifuge, Plethysmometer, Diffusion cell to gain hand in experience to faculty and students and also to carry out extensive research.

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

The college has the culture of conducting various competitions like Debate, Pick and Speech, Seminars etc., for students and teachers on various topics including current affairs. Power point presentation by making use of LCD projectors, smart boards, models preparations, ethnic dress making, dance and music presentation have been conducted. Besides, Programmes to keep away the students from the practices of blind beliefs etc., are also conducted.



**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?**

- **number of projects executed within the institution**
- **names of external institutions for student project work**
- **role of faculty in facilitating such projects**

For B.Pharm students, projects are not mandatory as per RGUHS curriculum. However, at present for M.Pharm and Pharm.D students it is mandatory. More than 30 projects have been executed right now in the college.

Despite, it has been the practice in the college to train students in project making by assigning various study tasks. Some industrial units like Karnataka Antibiotics and Pharmaceuticals Ltd., Bengaluru, Pune Chemicals and Laboratory, Pune, BMCH & RC Chitradurga, Sri Raghavendra Ayurvedic Medical College, Malladihalli etc., are being few to mention.

The faculty of the college, work as teacher guides and provide the necessary information and infrastructure to students based on the requirement and availability.

**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 the Institution has well qualified and experienced staff to meet the requirements of the curriculum. No shortfall has been faced in the Institution. The exigency is managed by the SJM Vidyapeetha, Chitradurga.

**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?**

Computers are installed at all the departments separately, which help the faculty in preparing power point presentations. Wi-Fi, Internet facility, Helinet and subject wise CDs are available in library along with hard copies of text. Every year source materials are added for updating the knowledge of students and faculty.

**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, at the end of every academic year, feedback is taken from students, alumni, parents, external peers and the data collected are utilized for the improvement of the teacher's quality, infrastructure facilities and curriculum development.

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

Such facility is created in BMCH & RC hospital, which is used as teaching aid / service by the college.

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

- **ICT enabled flexible teaching system.**
- **Reflective learning.**
- **Simulations.**
- **Evidence based medicine.**
- **Emphasis on development of required skills, adequate knowledge and appropriate attitude to practice medicine.**

- Problem based learning (PBL).
- Student assisted teaching (SAT).
- Self directed learning and skills development (SDL).
- Narrative based medicine.
- Medical humanities.
- Drug and poison information assistance centre.
- Ayurveda practices.
- Yoga practices.
- Yoga therapy techniques.
- Naturopathy and its practices.
- Any other.

Sl. No	Teaching-learning processes	Innovations
1.	ICT enabled flexible teaching system.	Institute has adopted ICT facilities in teaching-learning by providing LCD Projectors, OHP and Computer laboratory with internet which assist the faculty in flexible teaching system.
2.	Reflective learning.	Group discussion, Quiz and Interaction pattern are followed.
3.	Simulations	The ICT - enabled classrooms with LCD projector are installed in all classrooms to create simulations to support the lecture methods.
4.	Evidence based medicine.	The faculty and students who take part in the clinical training at Basaveshwara Medical College Hospital and Research centre, observe, analyse and report their opinion regarding the prescriptions made by the doctors to in and out - patients. They evidence the doctors prescription in the hospital.

5.	Emphasis on development of required skills, adequate knowledge and appropriate attitude to practice medicine.	Soft and hard skills in communication, career development opportunities, personality development, placement activities and clinical training in hospital has been conducted.
6.	Problem based learning (PBL).	Students are given opportunity to study the cases in the hospital
7.	Student assisted teaching (SAT).	Students present seminars, case presentations etc.,
8.	Drug and poison information assistance centre.	This centre is established at Basaveshwara Medical College Hospital and Research Centre. Students are empowered to answer all the drug related queries asked by physicians; Find drug interactions, and interventions helped doctors regarding ADRs; and solve queries related to all such issues.
9.	Ayurveda practices.	Students are exposed to medicinal plants in herbal garden and the nature outside. They are taken to the trips and tours of such places in Karnataka and surrounding areas like Baba Budungiri hills on Western Ghats, Ooty, Kodaikanal etc. The Jogimatti forest in the vicinity of Chitradurga city itself is known for its biodiversity and medicinal plants. It has been the history that in 300 BC the great Rishi's and Ayurvedic Medical practitioners were residing in this area. The nearby Ayurveda medical colleges have been supporting the Institution, in this regard.

**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?**

Yes, this facility is provided to some extent for Pharm.D students at Basaveshwara Medical College Hospital and Research Centre. However manual records are available at MRD in Basaveshwara Medical College Hospital and Research Centre for students reference and training.

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

The Institution does not have this facility right now. The case sheets written by the clinical practitioners are used for the reference, training and ADR monitoring at Drug Information Centre in BMCH & RC.

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

Yes, some of the case studies, which are available in the websites like “Youtube”, are downloaded by the faculty and used in teaching – learning process. Videos and other materials maintained in the Basaveshwara Medical College library are borrowed and made use of.

**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?**

The Institution does not perform medico – legal / post mortem procedure directly to train students however, the students are taken to the BMCH & RC, an adjacent building where forensic science department conduct medico-legal/ post-mortem procedures. It is an added advantage to the students of this college.

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

Yes, drug and poison information activities are carried out by the pharmacy practice department at Basaveshwara Medical College Hospital and Research Centre. Students use the information for analyzing and reporting for poisoning cases. However students do not perform poison detection activities.

**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 Drug Information Centre at Basaveshwara Medical College Hospital and Research Centre. We provide patient counseling for both inpatients and outpatients. Adverse drug reactions, drug interventions, drug interactions are monitored. Even drug related problems and drug information queries are also solved by the faculty of Pharmacy Practice Department.

**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).**
- **Student staff ratio in the laboratories / diagnostics.**

The students are grouped into 15-20 in each batch to conduct practical classes. The Institution has well equipped laboratories, where students are taught Current Good Laboratory Practices (cGLP). Students : Staff ratio is maintained as per norms of statutory bodies i.e., 20:1.

**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?**

More than 100 clinical cases are observed by students in an academic year. They are assisted by the experienced doctors and faculty in solving the problems like drug errors and drug dose management in different departments. Clinical cases at all departments of Basaveshwara Medical College Hospital and Research Centre are generally observed by our students during their days of posting.

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

Drug Information Centre established by the Institution at BMCH & RC provides this information to the interested patients.

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

To promote teaching and learning process in clinical setting, the college has established its Drug Information Centre (DIC) at Basaveshwara Medical College Hospital and Research Centre. The students are posted to the hospital for training as per the curriculum and norms of RGUHS & PCI. Students generally sit with the Doctors at the OPD / ward round, bedside of patients to observe and learn about the prescription of drugs, procurement of drugs by nursing staff / patients.

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

Yes. The students maintain log books. The log books are designed and provided by the Pharmacy Practice Department as per the prescribed format. It is monitored by the concerned teaching staff.

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

Yes. The post graduation studies like M.Pharm and Pharm.D have structured mechanism set and defined as per the norms of RGUHS, PCI and AICTE.

**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

Sl. No	Teaching Program	Detail
01	Number of didactic lectures	The didactic lecture classes are as per the schedule provided by the RGUHS. Number of didactic lectures varies subject to subject and class to class. This has been mentioned clearly in the syllabus provided by the university.
02	Number of students in each batch	Theory classes run according to the intake. Practicals are conducted by grouping the students 15 - 20 in each batch. In clinical practice hospital rounds 5 - 6 student in each batch .
03	Number of rotations	Students have one lab of three hours every week in each subject. In clinical practice monthly rotations are done in each department.



04	Details of student case study / drug study	The students case studies are conducted during the regular ward round by collecting case sheets. Drug studies conducted using the databases like Micromedex, Medscape, Webmed and textbook of Stockley's Drug Interaction.
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## 2.4 Teacher Quality

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

The institute encourages the staff members to attend faculty quality improvement program, conferences, workshops, research activities etc. It would be helpful to the faculty members to increase the knowledge in the field of Pharmacy. In past 5 years, eight teachers have completed their Ph.D programme and published articles.

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

Department	% of faculty from the same institution*	% of faculty from other institutions within the State**	% of faculty from institutions outside the State	% of faculty from other countries
Pharmaceutics	33	66	33	Nil
Pharmaceutical chemistry	100	100	Nil	Nil
Pharmacology	33	100	Nil	Nil
Pharmacognosy	Nil	100	Nil	Nil
Pharmacy practice	Nil	66	33	Nil
<b>Total</b>	<b>116</b>	<b>338</b>	<b>33</b>	<b>00</b>

\* UG Course; \*\* PG Course

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

The qualified faculty are appointed as per the faculty recruitment norms of RGUHS & PCI. Now the norms are according to the AICTE prescribed guidelines.

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

The following are the visiting faculty at the college.

Departments	Emeritus Professor	Adjunct faculty
Pharmaceutics	-	<b>Dr. Thimmashetty</b> Professor, Bapuji College of Pharmacy, Davanagere
Pharmacology	<b>Dr. Sathyanarayana .K</b> Professor, BMCH & RC, Chitradurga.	-
Pharmaceutical Chemistry	<b>Dr. Agasimundin,</b> Retd. Professor, Gulbarga University, Gulbarga.	<b>Dr. K.C. Ramesh</b> Professor, SJM Science College Chandravalli, Chitradurga.
Pharmacognosy	-	-
Pharmacy Practice	-	<b>Dr. Nagendra Gowda M.R,</b> Professor, BMCH & RC, Chitradurga

**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.)**

Salary is paid as per the scale fixed by the apex bodies for different category of faculty and staff. Mandatory facilities like PF, ESI etc., are provided. Faculties are encouraged to participate in national and international

conferences by paying their registration fees, TA, DA etc. Those who register for Ph.D are encouraged with paid leave.

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

Nil

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

<b>Faculty Development Programs</b>	<b>Year</b>	<b>Number of faculty attended</b>
Induction programs	<b>2011-12</b>	<b>02</b>
	<b>2012-13</b>	
	<b>2013-14</b>	
	<b>2014-15</b>	
Re-orientation programs	<b>2011-12</b>	<b>04</b>
	<b>2012-13</b>	
	<b>2013-14</b>	
	<b>2014-15</b>	
Refresher courses	<b>2011-12</b>	<b>05</b>
	<b>2012-13</b>	
	<b>2013-14</b>	
	<b>2014-15</b>	
Capacity building programs	<b>2011-12</b>	<b>06</b>
	<b>2012-13</b>	
	<b>2013-14</b>	
	<b>2014-15</b>	
Programs by regulatory / apex bodies	<b>2011-12</b>	<b>06</b>
	<b>2012-13</b>	<b>02</b>
	<b>2013-14</b>	<b>01</b>
	<b>2014-15</b>	<b>03</b>

**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?**

Generally, the RGUHS conducts such programmes. However, the Institution also conducts two conferences in a year-state level / national level. It is for both the students, faculty of the college and other colleges. The eminent personalities at the university level and Pharmacy Council of India have been participated in such conferences organized in the past four years.

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

The annual attrition rate of faculty is almost nil.

**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?**

The Management is contemplating for implementing the faculty exchange program in the next academic year by arranging MoUs with renowned colleges in Karnataka.

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

The career advancement policy of SJM Vidyapeetha, the Management of the Institution is an encouraging one. The Ph.D qualified faculties are promoted as professors with incentive increments. Career development opportunities, training programmes are conducted for faculty and prospective professionals, i.e., students.

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

The college has synergised with neighbouring institutes for generating the specialists needed mutually.

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

Yes. Besides conducting some of these programmes at the institute level, the faculties are deputed to attend seminar, workshop, faculty development programme conducted by other institutions.

**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?**

This Institution is an affiliated college of RGUHS. The examination and internal assessment are conducted as per the norms of the University. Out of 100 marks assigned for a paper, 30 marks are for internal assessment and 70 are for annual examination. Students, parents, teachers and the staff of the college are made known about the conduct of the examination through the guidelines of university examination branch, annual prospectus of the college, college website, display on notice board etc.

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

Examinations are conducted by the examination branch of RGUHS. Any changes or innovations made by the university to reform the process and procedures of conduct of examinations are periodically communicated to the college. It is mandatory for the college to follow the same.

**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, e - mail, etc.,).**

The average time taken for announcement of result by the university on an average is one month. No anomalies are observed in conduct of examination and announcement of results. The mode of publication is the university website, followed by the hard copies of result sheets.

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

The RGUHS has initiated measures to bring in transparency in the conduct of examination, evaluation of papers and announcement of results. Online supply of question papers, installation of CCTV in examination halls, providing photo copies of answer books to students, entertaining the request for re-totalling of marks etc., are the few to mention.

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

Online supply of question papers, bar coded answer booklets, non-disclosure of evaluators identity, are some of the important measures taken by the university to ensure confidentiality in the conduct of examination and evaluation.

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

- **post-examination process – Attendance capture, OMR-based exam result, auto processing, result processing, certification, etc.**

All the above activities are conducted by the Institution as per the university regulations and strict supervision of the examination section. Common procedures are followed at all affiliated colleges.

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

ICT related measures are taken to introduce the procedures of e-examination to uphold the value of examination process in the university. Online uploading of theory and practical marks by the concerned internal and external examiners are the important one to mention.

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

Examination grievances are largely students centric. These are redressed through the measures like online communication of admission approvals, issue of admission tickets, bar code answer booklets, display of results in website, facilitating students to check their results online, submission of application form for re-totalling etc. The examination branch itself is well geared up to redress the grievances of the students.

**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?**

Examinations are conducted as per the examination guidelines of the RGUHS. The malpractices are taken cognizance of and the Malpractice Redressal Committee (MPC) formed at the university level looks into these aspects. The Malpractice Redressal Committee is chaired by a Retired District Judge.

**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.**

RGUHS examination branch owns the total responsibility of conducting the examinations for affiliated colleges. Depending upon the necessity it makes changes in the rules and regulations in the conduct of examinations.

**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.**
- **Balance between formative and summative assessments.**
- **Increasing objectivity in formative assessments.**
- **Formative (theory / orals / clinical / practical) internal assessment; choice based credit system; grading / marking.**
- **Summative (theory / orals / clinical / practical).**
- **Theory – structure and setting of question papers – Essays, long answers, shorts answers and MCQs etc. Questions bank and Key answers.**
- **Objective Structured Clinical Examination (OSCE).**
- **Objective Structured Practical Examination (OSPE).**
- **Any other.**

The assessment of students to award a degree under its name and seal is the responsibility of the RGUHS in case of its affiliated colleges. The question paper is set according to the norms of the university keeping in mind its reputation, integrity of teachers and students and general reputation. Theoretical aspects are assessed by conducting written examination, skill oriented aspects are assessed through practical and viva-voce examinations.



Model format of question papers are provided to the students and teachers. The outcome of assessment is declared in the form of class and ranks.

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

Malpractices are prevented by educating the students about the strict norms and punishments for each type of violations. External observers and flying squads are appointed, CC cameras in the examination halls are installed, Malpractice Committee is constituted. In the past three years no malpractice cases are reported in this Institution.

**2.6. Student Performance and Learning Outcomes**

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

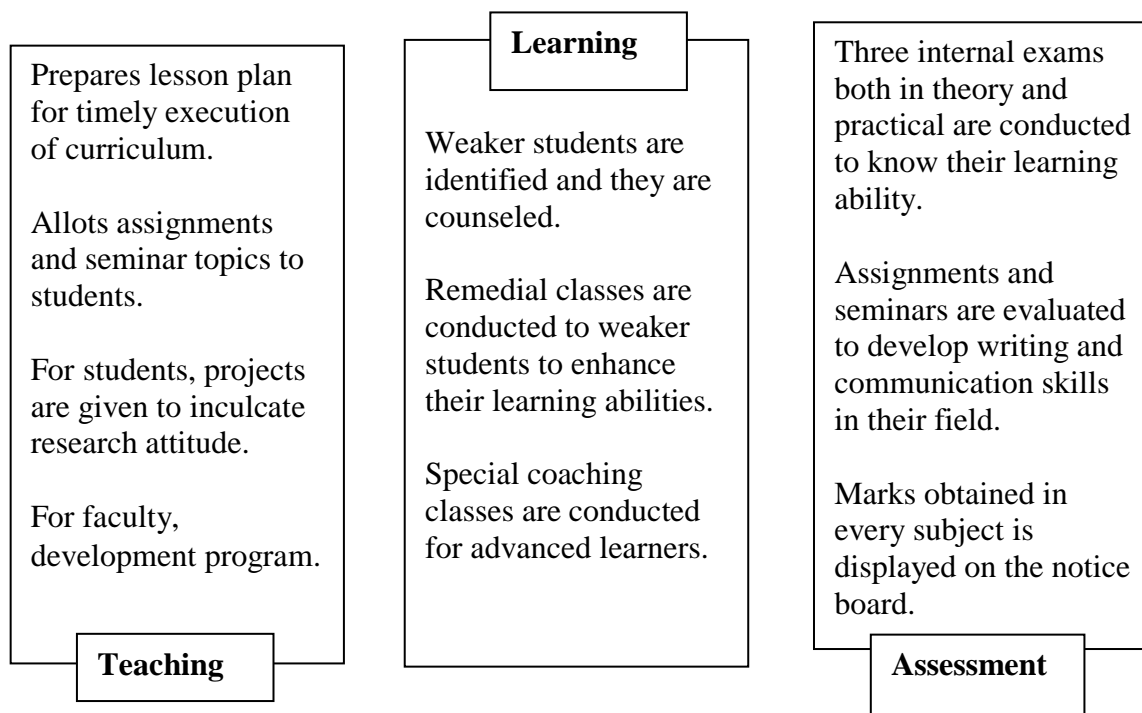
The Vision, Mission and Objectives of RGUHS formulated in consonance with the dreams of Pharmacy Council of India are the graduate attributes of this Pharmacy College. The curriculum content, teaching learning practice, evaluation procedures are designed by the university to imbibe, inculcate and verify the expected attributes in graduates. There is no specific monitoring mechanism by the university to measure the outcome of these attributes in graduates. However, feedback from alumni and stakeholders are collected by the Institution and forwarded to the University for further action.

**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?**

These activities are taken care by the university and the college educates its faculty and students accordingly.

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

The following diagram illustrates;



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

To ensure the learning outcomes stated in the vision, mission, goals and objectives of the Institution, the Academic Committee of the college analyse the results and placement of students to know whether the set targets are achieved or not. This exercise is done immediately after the announcement of the results.

### **CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION**

#### **3.1 Promotion of Research**

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

Yes. The Institutional Research Committee, re-constituted in 2015 is as under.

<b>Name of the member</b>	<b>Designation</b>	<b>Department</b>
Dr. Bharathi D. R	Professor & Principal	Pharmacology
Dr. Yogananda R	Professor & HOD	Pharmacy Practice
Dr. Basavaraja H. S	Associate Professor	Pharmaceutical Chemistry
Dr. Nagaraja T. S	Professor & HOD	Pharmaceutics
Dr. Ekbote Maruthi T	Professor & HOD	Pharmacognosy
Dr. Jayadevaiah K. V	Associate Professor & HOD	Pharmaceutical Chemistry
Dr. M. Mumtaz Mohammed Hussain	Asst Professor	Pharmaceutical Chemistry
Dr. Kusam Devi	Professor & HOD, Al-Ameen College of Pharmacy, Bengaluru.	Pharmaceutics
Dr. Srinivas Muthalik	Professor, MCOPS, Manipal.	Pharmaceutics
Dr. Rema Razdhan	Professor & HOD, Al-Ameen College of Pharmacy, Bengaluru.	Pharmacology
Dr. Adepu Ramesh	Professor, JSS College of Pharmacy, Mysuru.	Pharmacy Practice.
Dr. Vijay Bhaskar	Professor, MCOPS, Manipal.	Pharmaceutical Analysis

The research committee was constituted in 2010, to promote research and publications. The recommendation at the first meeting was to start the research activities in the college and get affiliated to RGUHS, Bengaluru. In the year 2014 RGUHS approved SJM College of Pharmacy as a research center. At

present five research projects of staff and twenty five projects of students are ongoing. The research committee conducts meeting regularly and take necessary steps to enhance research activities in the Institution. The committee also recommends necessary changes to be made and implemented. Ten faculty members have completed Ph. D and published about 50 papers in both National and International journals.

### **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?**

#### **a) Institutional Animal Ethics Committee is constituted**

<b>SL No.</b>	<b>Name of the Member</b>	<b>Designation in IAEC</b>
1	Dr. Bharathi D. R	Chairperson
2	Dr. Sumantha A	Biological Scientist
3	Dr. Jayadevaiah K. V	Scientist from different biological discipline
4	Dr. Yogananda R	Scientist from different biological discipline
5	Dr. Shakeel Anwar	Veterinarian
6	Mr. Abubaker Siddiq	Scientist in charge of animal house facility
<b>CPCSEA nominated members to the IAEC</b>		
1	Dr. P Krishna Moorthy	Main Nominee
2	Dr. Pinaki Prasad Sengupta	Link Nominee
3	Dr. M.N. Subhash	Scientist from outside the institute
4	Dr. J. Anbo	Socially Aware Nominee

**b) Institutional Ethics Committee (IEC)**

<b>SL No.</b>	<b>Name and Particulars of the person Nominated</b>	<b>Designation</b>
1	Dr. Nagesh Raju G, Professor & HOD, Dept. of Pharmacology, BMCH & RC, Chitradurga.	Chairperson
2	Dr. Nagendra Gowda M. R, Professor, Dept. of Community Medicine, BMCH & RC, Chitradurga.	Member
3	Dr. Patil Shirish, Assistant Professor, Dept. of Anatomy, BMCH & RC, Chitradurga.	Member
4	Dr. Prashanth G. Professor & Vice Principal, Dept. of General Medicine, BMCH & RC, Chitradurga.	Member
5	Dr. Narayanamurthy C, Professor & Vice Principal Dept of Pathology, BMCH & RC, Chitradurga.	Member
6	Prof. E. Chitrashekar, Executive Director (G), SJM Vidyapeetha, Chitradurga.	Legal Adviser
7	Dr. G.N. Mallikarjunappa. Executive Director (A), SJM Vidyapeetha , Chitradurga.	Philosopher
8	Dr. C. T Jayanna, SJM PU College, Near KSFC, Chitradurga.	Social Scientist
9	Mr. Gurumurthy, Chitradurga.	Layman
10	Dr. Bharathi D. R, Principal, SJM College of Pharmacy, Chitradurga.	Member Secretary
11	Dr. Yogananda R, Professor & HOD, Dept of Pharmacy Practice, SJM College of Pharmacy, Chitradurga.	Member

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

Annually RGUHS call for research proposals and after proper scrutinisation of applications selected projects will be shortlisted and called the principal investigator to appear before technical committee for evaluation of research proposal. After evaluation the proposals are shortlisted and called for appear

before expert committee for further action to release the research grants. For the current academic year, two research grants are sanctioned to the institute.

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

The Institution provides information, infrastructure and financial support to faculty to conduct research activities. The library of institute has sufficient reference books, journals and digital library facilities for smooth implementation of research.

#### **Providing Seed Money:**

The Institution provides research loans to faculty as seed money through SJM Credit Co Operative Society.

#### **a. Externally funded projects (both government and private agencies): Advancing funds for sanctioned projects.**

Research Grant of INR 20, 00,000/- sanctioned by Govt. of Karnataka, Vision Group on Science and Technology(VGST), Dept. of Information Technology, Biotechnology & Science and Technology vide sanction letter VGST/P-2/CISEE/GRD-226/2013-14 dated 24-02-2014 & VGST/CISEE/GRD-226/2015-16 dated 03-07-2015 for the project entitled “Factorial and formulation studies on enhancement of solubility, dissolution rate and bioavailability of BCS class-II Anti retroviral drugs employing cyclodextrin and solutol HS15”.

Research Grant of INR 4,00,000/- sanctioned by Govt. of Karnataka, Vision Group on Science and Technology (VGST), Dept. of Information Technology, Biotechnology & Science and Technology funds yet to be received for the project entitled “Synthesis characterization of semi synthesis derivatives from natural lead compounds”.

### **Providing seed money**

Provided in the form of research loan to faculty through SJM Credit Co Operative Society as seed money.

### **Simplification of procedures related to sanctions / purchases to be made by the investigators**

Purchase norms of VGST and SJM Vidyapeetha are followed while making the purchase of products and services needed while executing the project. Purchasing committee constituted as per the guidelines of VGST.

INR 1,50,000/- **Non-recurring expenses** - Visualizer

INR 7,95,000/- **Recurring expenses** –instruments procured.

INR 10,00,000/- **Recurring expenses** –instruments will be procured shortly.

### **Autonomy to the principal investigator/coordinator for utilizing overhead charges.**

Autonomy is given and transparency is maintained, while releasing the funds the concern investigator request the principal to release funds.

A separate joint SB account is opened in State Bank of Mysore in the name of President and Principal, SJM College of Pharmacy, Chitradurga.

### **Timely release of grants**

Funds released on time.

### **Timely auditing**

Auditing is done by the accounts officer of SJM College of Pharmacy and Chartered Accountant of SJM Vidyapeetha.

### **Submission of utilization certificate to the funding authorities**

Submitted as per the guidelines of funding authorities.

### **Writing proposals for funding**

Research proposals are prepared and then scrutinized by Institutional Research Committee.

### **Any training given for writing proposals**

Yes, the institute conducts research protocol writing workshop annually.

### **Institution sponsored projects:**

#### **Proportion of funds dedicated for research in the annual budget**

Budget allocation is made for research

### **Availability of funding for research /training/resources**

Faculty and students are deputed with financial assistance to attend research methodology training, conferences and seminars.

### **Availability of access to online data bases**

Yes, institution provides Wi-Fi facilities in the college, Internet facility is provided in the library, department and research lab.

### **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 meet frequently to review the research progress made. MoU's are created with some industrial units; research Institutes and schools for collaborative work, where students and staff conduct studies on their research work. The Research Committee coordinates interdisciplinary research activities.

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

In all, 14 seminars, conferences and workshops were conducted by the Institution in the past 4 years to promote a research culture.

**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 invites the researchers of eminence with an intention to motivate the faculty to take up research work and seek their expert advice. These experts are generally from government organizations and industries. The impact of this is that ten faculty have completed their Ph.D, three are pursuing, availed four externally funded projects.

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

S.N	Year	Events	Amount Provision (Rs.)	Outcome Actual Expenses (Rs.)
01	2010-11	Books		10,18,212.00
		Instruments		12,64,857.00
		Equipments		60,000.00
		Renovation		5,06,523.00
		Helinet fees		57,500.00
		Internet		1,32,249.00
		Chemicals		2,93,562.00
		Total	30,00,000.00	33,32,903.00

02	2011-12	Books		15,876.00
		Instruments		50,304.00
		Equipments		1,55,610.00
		Renovation		21,754.00
		Helinet fees		57,500.00
		Internet		1,46,081.00
		Chemicals		3,50,276.00
		Total	7,50,000.00	7,97,401.00
03	2012-13	Books		9,732.00
		Instruments		17,760.00
		Equipments		-----
		Renovation		2,09,193.00
		Helinet fees		57,500.00
		Internet		1,62,020.00
		Chemicals		1,48,389.00
		Total	6,00,000.00	6,04,594.00
04	2013-14	Books		1,26,729.00
		Instruments		9,61,236.00
		Equipments		99,828.00
		Renovation		2,09,663.00
		Helinet fees		57,500.00
		Internet		2,03,255.00
		Chemicals		3,30,083.00
		Total	20,00,000.00	1,988,294.00
05	2014-15	Books		71,691.00
		Instruments		5,20,198.00
		Equipments		13,97,670.00
		Renovation		2,27,998.00
		Helinet fees		57,500.00
		Internet		1,81,187.00
		Chemicals		2,94,298.00
		Total	27,50,000.00	27,50,542.00

In the past 5 years i.e. after provisionally constitution of Research Committee annual budget has been made with regard to laboratory expenses, maintenance of research room, procurement of additional equipments and acquisition of books for library to meet the research activities.

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

Yes, there is R & D cell in the University. Special research promotion schemes are there to encourage the researchers. Funding for International travel is also available for research presentations and exchange. Two research projects granted to institute for the academic year 2015-16.

**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 in Co-operation with RGUHS, Bengaluru. No such fellowship is awarded to the faculty so far.

**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?**

About 50% faculty involved in research activities has made use of this facility.

**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 has been organizing University level, National level seminars and conferences.

S. No	Name	Date	Topic
1	Dr. Agasimunddin, Ret. Professor, Gulbarga University, Kalaburagi.	11/02/2010	Spectroscopic methods of analysis
2	Dr. B. G Mahendra Kumar Jain, Professor, KLE College of Pharmacy, Belgavi.	25/04/2010	Clinical Pharmacy- A tool to improve patient care
3	Dr. B Suresh, President, PCI, New Delhi.	29/12/2010	Recent Trends in Pharmacy Education
4	Dr. M. K. Unnikrishnan, Professor, Manipal University, Manipal.	29/11/2010	Drug Development and Discovery
5	Dr. M. Harikrishna Maram, CEO, Imperial College Pvt. Ltd,	29/11/2010	India- A Land of Economic Opportunities
6	Mr. Ravinandan A P Lecturer, SJM Collge of Pharmacy, Chitradurga.	20/12/2012	Introduction to different Clinical Pharmacy Services
7	Dr. Nanjan, Professor & Head, JSS College of Pharmacy, Ooty	09/10/2011	Prediction of metabolic and Toxic properties of drug molecules by Lipinski's rule five.
8	Dr. Shivamurthy Murugha Sharanaru, President, SJM Vidyapeetha, Chitradurga.	06/01/2012	Tension and Peaceful Mind
9	Dr. Gundu Rao D.A, President, KSPC, Bengaluru.	14/11/2012	Role of Pharmacists in Health Care

10	Dr. Jagannath Rao Personality development trainer, Bengaluru.	4 / 12/2012	Personality Development program on “Mind Power”
11	Dr.Natesan Subramanian, Associate Professor, Anna Technical University, Trichy Tamil Nadu.	04/05/2012	4 <sup>th</sup> Generation Transdermal Drug Delivery Systems”
12	Dr. Nagesh Raju G, Professor and Head, Dept of Pharmacology, BMCH & RC, Chitradurga.	12/06/2013	How to write Research Protocol and Thesis
13	Dr. Manjunath, Asst. Professor, Dept of Pharmacology, BMCH RC, Chitradurga.	12/06/2013	A seminar on “Research Design and Statistical applications
14	Dr. Shirish Patil, Asst. Professor, Dept of Anatomy, BMCH & RC, Chitradurga.	12/06/2013	Reference writing
15	Dr. Surilivel Rajan, Asst Professor, Dept of Pharmacy Practice, MCOPS, Manipal.	28 /01/2014	Population Pharmacokinetics and its applications
16	Dr. Girish Thunga, Asst Professor, Dept. of Pharmacy Practice, MCOPS, Manipal.	28 /01/2014	“Pharmacogenomics-an over view
17	Dr. Shobha Rani R Hiremath, Principal & Head, Dept of Pharmacy Practice, Al-Ameen College of Pharmacy, Bengaluru.	28/01/2014	Clinical Pharmacokinetics and Therapeutic Drug Monitoring
18	Mr. Sathish .K.J, Managing Director, Dept of Regulatory and Tech transfer, Relonechem biosciences, London, UK.	28/01/2014	Career development and opportunities for Pharmacy in Comparison with India and UK

19	<p>Dr. Anand B Harugeri, Patient safety and Regulatory affairs manager, Astra Zeneca , Bengaluru.</p> <p>Dr. Vineet Shastri, Associate Medical Director, Quintiles, Bengaluru.</p> <p>Mrs. Aparna Jayachandra, Associate Manager, Novo- Nordisk, Bengaluru.</p> <p>Dr. Krunal K Bhakta, Drug Safety Associate, Quintiles Ltd, Bengaluru.</p>	15/03/2014	Recent trends and challenges in Pharmacovigilance
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**3.1.13 Mention the initiatives of the institution to facilitate a research culture in the below mentioned areas:**

**Training in research methodology, research ethics and biostatistics.**

Institute has a separate research centre. Faculty and students are continuously motivated by conducting workshop, paper presentation seminars, publishing the research papers in journals. Faculties who get Ph.D are felicitated and encouraged to carryout research activities in the college. We have biostatistics faculty who deals with the research projects.

**Development of scientific temperament.**

Workshops are conducted to create awareness on the adverse impact of the blind beliefs and unscientific social practices.

### **Presence of Medical / Bio Ethics Committee.**

Institutional Animal Ethics Committee (IAEC) and Institutional Ethics Committee (IEC) are operating in the Institution.

### **Research linkages with other institutions, universities and centers of excellence. (national and international).**

Yes, research linkage is created with RGUHS and VGST etc. The Institution has received about Rs. 40,00,000/- as research grants from RGUHS and VGST for various research projects.

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

Details regarding some of the faculty and students programs in the past and present are as follows

#### **M. Pharm Projects**

Sl No	Project Title	Name of the student, Guide* & Co-guide*	Academic year
01	Synthesis of some Substituted Pyrimidine Derivatives as an Antimicrobial Agents.	Mr. Rajput Manoj Kumar .U Dr. Jayadevaiah K.V*	Feb 2010
02	Synthesis and Biological Activities of some Benzothiazole Derivatives.	Mr. Harish Kumar Dr. Jayadevaiah K.V*	Feb 2010
03	Synthesis of some Substituted Triazoles as an Antimicrobial Agents	Mr. Surwase Kumar P Rao Dr. Jayadevaiah K.V*	Feb 2010
04	Phytochemical Investigation & Screening for Analgesic & Anti Inflammatory Activity of Stem Bark of Nyctanthes arbortristis Linn	Mr. Patil Keerthi Kumar Dr. Jayadevaiah K.V*	Feb 2011

05	Synthesis Characterization & Biological Activities of some Pyrimidine Derivatives	Mr. Sadyojatha Dr. Basavaraja H.S <sup>*</sup>	Feb 2011
06	Synthesis Characterization & Biological Activities of some Pyridine Derivatives.	Mr. Amkundi Vishwapathi Dr. Basavaraja H.S <sup>*</sup>	Feb 2011
07	Synthesis Characterization & Biological Activities of some Novel Pyrimidine Analogues of Aryloxy Acetyl Hydrazide.	Mr. Saleem Sultanpur Dr. Basavaraja H.S <sup>*</sup>	Feb 2011
08	Synthesis Characterization & Biological Studies of some Thiophene Derivatives	Mr. M Anwar Hussain Dr. Basavaraja H.S <sup>*</sup> Dr. Bharathi D.R. *	Feb 2011
09	Phytochemical Investigation & Screening for Analgesic & Anti-Inflammatory Activity of Stem bark of Bauhinia variegata Linn.	Mr. Srinath Dr. Jayadevaiah K.V <sup>*</sup> Dr. Bharathi D.R. *	Feb 2011
10	Phytochemical Investigation & Screening for Analgesic & Anti-Inflammatory Activity of Roots of Pongamia pinnata (Linn) Pierre	Mr. Sudhanshu Bhushan Dr. Jayadevaiah K.V <sup>*</sup>	Feb 2011
11	Synthesis Characterization & Biological Activities of some Novel Substituted Pyrimidine Derivatives	Mr. Rangaswamy J Dr. Basavaraja H.S. <sup>*</sup> Dr. Bharathi D.R. *	Mar 2012
12	Synthesis Characterization & Biological Activities of some Novel Furan Derivatives.	Mr. Swaroopa Chunchu Dr. Basavaraja H.S. <sup>*</sup> Dr. Bharathi D.R. *	Mar 2012
13	Synthesis Characterization & Biological Activities Of Some Novel Indole Derivatives.	Mr. Ambarish D S Dr. Basavaraja H.S. <sup>*</sup> Dr. Bharathi D.R. *	Mar 2012
14	Synthesis Characterization & Biological Evaluation of some Novel Thiophene Derivatives.	Mr. Naveen Sungar Dr. Basavaraja H.S. <sup>*</sup> Dr. Bharathi D.R. *	Mar 2012



15	Phytochemical Investigation & Screening for Antimicrobial & Anthelmintic Activity of Roots of Bauhinia purpurea Linn	Ms. Pinky Rawal Dr. Jayadevaiah K.V <sup>*</sup>	Mar 2012
16	Phytochemical Investigation & Screening for Hepatoprotective Activity of Stem bark of Cassia fistula Linn.	Mr. Sanu Tasleem J M Dr. Jayadevaiah K.V <sup>*</sup>	Mar 2012
17	Phytochemical Investigation & Screening For Analgesic Activity of Stem Bark of Sesbania grandiflora (L) Poir.	Ms. Swetha G Dr. Jayadevaiah K.V <sup>*</sup>	Mar 2012
18	Formulation & Evaluation of Microspheres of Losortan Potassium	Mr. Patel Bhavik Amrutbhai Dr. Nagaraja T. S <sup>*</sup>	Oct 2012
19	Design & Evaluation of Floating Drug Delivery System of Glimepiride	Mr. Umasagar Reddy Mrs. G Lakshmi Radhika <sup>*</sup>	Oct 2012
20	Development & Evaluation of Glibenclamide Floating Tablets	Mr. T Rajakrishna Sumanth Mrs. G Lakshmi Radhika <sup>*</sup>	Oct 2012
21	Comparative Evaluation of Various Polymers for the Controlled Release of Losartan Potassium & Design of Losartan Potassium SR Tablets.	Mr. Patel Vinass Dr. Yogananda R <sup>*</sup>	Oct 2012.
22	Formulation & Evaluation of Buccal Tablets of Glimepiride	Mr. Jayank Patel Dr. Yogananda R <sup>*</sup>	Oct 2012
23	Design & Evaluation of Combination of Aceclofenac with Paracetamol Rapimelts	Ms. Gururaj Manasa Dr. Snehalatha <sup>*</sup>	Oct 2012
24	Formulation & Evaluation of Lornoxicam Mucoadhesive Buccal Patches	Mr. Bulugondla Rakesh Dr. Yogananda R <sup>*</sup>	Oct 2012.

25	Enhancement of Dissolution Rate of Lornoxicam by Solid Dispersions Technique.	Mr. Sureshkumar D Dr. Nagaraja T.S*	Oct 2012
26	A Comparative Study on Method of Formulation & Evaluation of Ondansetron Porous Tablets	Mr. Santosh Varma Dr. Snehalatha*	Oct 2012
27	Formulation and Evaluation of Mucoadhesive Microspheres of Stavudine using various Polymers.	Mr. Mahanthesh M K Dr. Nagaraja T.S*	Sept 2013
28	Development and Characterization of Nanoparticulate Drug Delivery System of an Anti- Cancer Drug.	Ms. T Vyjayanthimala Dr. Snehalatha*	Sept 2013
29	Design and Characterization of Nanoparticulate Drug Delivery System of an Anti-Cancer Drug.	Ms. Mallamma T Dr. Snehalatha*	Sept 2013
30	Design & Evaluation of Hydrodynamically Balanced System of Antibiotic Tablets.	Mr. Zinka Ravikumar Dr. Snehalatha*	Apr 2013
31	Formulation and Evaluation of Mucoadhesive Anti- Hypertensive Drug.	Mr. Sharma Sanket Dr. Yogananda R*	Apr 2013
32	Design and Evaluation of Floating Drug Delivery System of Selected Anti Hypertensive Drug	Mr. Sudheer Babu Nadendla Dr. Snehalatha*	Apr 2013
33	A Comparative Study on Methods of Formulation and Evaluation of Metoclopramide Hydrochloride Orodispersible Tablets using Taste Masking Agents	Ms. Pathapalam Divya Dr. Snehalatha*	Apr 2013
34	Formulation Characterization & Evaluation of Nanoparticles of Anti-Tumour Drug.	Mr. N Raghavendra Naveen Dr. Nagaraja T.S*	Apr 2013

35	Formulation Characterization & Evaluation of Nanoparticles of Anti-Retroviral Drug.	Mr. Shivakumar V S Dr. Yogananda R*	Apr 2013
36	Formulation & Evaluation of Fast Disintegrating Sublingual Tablets of Selective Anti-Hypertensive Drug	Mr. Jekku Nagasubbareddy Dr. Nagaraja T.S*	Apr 2013
<b>Pharm.D Research</b>			
01	Study of Drug Utilization in Diabetic Patients in a Tertiary Care Teaching Hospital in India: A Prospective Observational Study.	Mr. B.G.S Sivakumar, Mr. Kasi Jagadeeswara Rao, Ms. Syeda Noor Jahan. Dr. Yogananda R*	Aug 2013
02	The Prevalence of Polypharmacy in Department of Medicine of a Tertiary Care Teaching Hospital: A Pharmacoepidemiological Approach	Ms. B Gowthami, Mr. M Karthik, Mr. Mehul Radadiya, Ms. B Sowmya Mr. Abubaker Siddiq*	Aug 2013
03	Prescribing Pattern of B- Lactam Antibiotics in Paediatric Patients in a Tertiary Care Hospital	Ms. B Manasa, Ms. Deepthi M, Mr. Dhruvil Patel, Ms. Sree Nagavalli K Mr. Nataraj .G.R*	Aug 2013
04	Pharmaceutical Care Practice- Drug Related Problems of Inpatients in Tertiary Care Teaching Hospital	Mr. R Dinesh, Mr. B Ramesh, Mr. Jignesh U Ramani, Mr. N P Satyavathi Mr.Alpesh Kumar Nagar*	Aug 2013
05	Adverse Drug Reactions to Anti-Retroviral Therapy in people living with HIV /AIDS in a Chitradurga District. ART Centre in India: A Cross Sectional Observational Study.	Mr. M Manoj Kumar, Mr. Pathan Amanulla Khan Dr. Yogananda R* Dr. Nagendra Gowda M R*	Aug 2013

06	Anti-Tubercular Drug Induced Adverse Reactions and their Control Scheme Study in District Tuberculosis Centre, Chitradurga.	Mr. Devesh Kumar Joshi Dr.Yogananda R* Dr. Anand B Geni*	Jan-2014
07	Assessment of Prescription Pattern, Medication Adherence and Monitoring of Adverse Drug Reactions Associated with Antihypertensive Medicines at Tertiary Care Hospital.	Ms. Moulya M V, Mr. K N Sasidhar, Mr. Arathi S G, Mr. V Sharath Kumar. Mr. Nataraj G R*	Jan-2014
08	The Evaluation of Drug Utilization Pattern in Psychiatric Illness: A Pharmacoepidomologic and Pharmacovigilance Study.	Mr. Shashank H.M Mr. Shivasathish Kumar, Mr. Santhosh Kumar P, Ms. Yogitha Chaudhari. Mr. Abubaker Siddiq* Mr.Santosh S V*	Jan-2014
09	The Evaluation of Kidney Function in Relation to Medication Process in Hospitalized Geriatric Patients of Central Karnataka Region: A Clinical Pharmacist's Intervention.	Mr. K. Someshwar, Mr. Purnachandra Rao, Ms. Mary Spandana, Ms. Alambaram Vaishnavi Mr.Abubaker Siddiq*	Jan-2014
10	A Study on Assessment, Monitoring and Reporting of Adverse Drug Reactions in a Tertiary Care Hospital: A Pharmacovigilance Approach.	Mr. V. Venkateswarulu Ms. T Sravanthi, Mr. A. Bharath Kumar, Mr. G Shivakanth, Mr. Nataraj G R*	Jan-2014
11	Assessing Benefits and Risks of Prescribing Antibiotics in Respiratory Tract Infection by Analyzing Antibiotic Prescribing Guidelines.	Ms. Remya Rema, Ms. G Sravanthi, Ms. P Lakshmi Rekha, Dr. Yogananda R*	Jan-2014

12	A Study Assessing Compliance with Medication, Diet and Exercise in Type-2 Diabetic Patients.	Mr. Jonathan. K, Mr. Vyas Vivek, Mr. Sai Sudha M, Mr. M. Yaseen Mehtaab. Dr. Yogananda R*	Jan-2014
13	Study of Drug Utilization of Antimicrobial Drugs in General Medicine Ward of a Tertiary Care Hospital	Mr. Viswateja. D, Ms. Keerthana T. Dr. Yoganada R* Mr. Chirag Shah*	Jan-2015
14	Cost of Illness, Impact of Medication Adherence and Life Style Modifications on Blood Glucose Level Management in Type-2 Diabetes Mellitus: A Prospective Questionnaire Study.	Mr. Narendra.V, Ms. Indrani M Dr. Yogananda R* Mr. Chirag Shah* Dr. Prashanth .G*	Jan-2015
15	Identification of Prescription Pattern, Cost of Illness and Pattern of Potentially Inappropriate Medication in Hospitalized Elderly Patients Admitted in Tertiary Care Hospital.	Mr. Janagama Sathish, Mr. Shah Romil, Ms. M Sowmya. Dr. Yogananda R* Mr. Chirag Shah*	Jan-2015
16	Drug Utilization Review of Antibiotics in a Teaching Hospital	Mr. Adil Ahmed Dr. N Jagadish*	May 2015
17	Study of Drug-Drug Interaction in Medicine Department of Tertiary Care Teaching Hospital	Mr. Safdar M Mr. Nataraj G R*	May 2015
18	Evaluation of Antibiotic Usage on Lower Respiratory Tract Infections in Paediatric Department- An Observational Study.	Mr. Stimson Jose Dr. Yogananda R* Mr. S P Basavanthappa*	July 2015
19	Prescribing Pattern of Drugs in Upper Respiratory Tract Infections in Paediatric Out Patients	Mr. Nivil Joseph Mr. Nataraj G R* Dr. Srinivasa B*	May 2015

20	Prescription Pattern of Antidepressants and Assessment of Weight Gain while using Antidepressants.	Mr. Mohamed Shehin T Dr. Yogananda R <sup>*</sup>	May 2015
21	Drug Utilization Evaluation and Cost Evaluation in the Department of Obstetrics and Gynecology in a Teaching Hospital.	Mr. Varun Sharma Mr. Nataraj G R <sup>*</sup> Dr. Latha V <sup>*</sup>	May 2015
22	A Cross Sectional Comparative Study on Assessment of Quality of Life in Psychiatric Patients under Remission Treated with Mono Therapy & Polypharmacy.	Mr. Benson Koshy Dr. Yogananda R <sup>*</sup> Dr. Gopal Das C M <sup>*</sup>	May 2015
23	Assessment of Prescription Pattern and Monitoring Adverse Drug Reaction of Antibiotics in Paediatric Inpatients.	Mr. Akhil Joseph Isaac Dr. Yogananda R <sup>*</sup>	May 2015
24	Drug Utilization and Cost Analysis of Common Dermatological Diseases in Outpatient Department in a Tertiary Care Hospital: A Prospective Observation Study	Mr. Sachin B Mr. Abubaker Siddiq <sup>*</sup>	May 2015
25	Evaluation of Thyroid Profile in Type 2 Diabetes Mellitus Patients: A Case Control Study	Ms. Charitha K Dr. Yogananda R <sup>*</sup> Dr. Prashanth .G <sup>*</sup>	May2015
26	Evaluation of Dietary Pattern and Impact of Pharmacist Intervention to Manage Blood Glucose Level in Type 2 Diabetes Mellitus Patients	Ms. Priyanka N Dr. Yogananda R <sup>*</sup>	June2015

27	Assessment of the Type and Frequency of Drug Related Problems in General Medicine Inpatient Department of a Teaching Hospital	Mr. Eldho Mathew Paul Mr. Abubaker Siddiq <sup>*</sup>	May2015
28	Study on Knowledge and Awareness of Cardiovascular Disease Risk Factors	Ms. Alosin Mariya Mr. Abubaker Siddiq <sup>*</sup>	May2015
29	A Study of Prescription Pattern in the Management and their Efficiency on Osteoarthritis in Teaching Care Hospital.	Mr. Nikhil Khambhati. Dr. Yogananda R <sup>*</sup> Dr. Ambarish <sup>*</sup>	May-2015
30	Impact of Patient Information Leaflets on Quality of Life and Medication Adherence of Asthma Patients: A Comparative Study In Teaching Hospital	Ms. Neethu George Mr. Nataraj G R <sup>*</sup> Dr. Basavaraj Sangolli <sup>*</sup>	May 2015
31	Evaluation Prevalence, Risk Factors and Drug use in Bronchial Asthma Patients at Teaching Hospital	Ms. Jisna Thomas Mr. Abubaker Siddiq <sup>*</sup>	May 2015
32	Identification of Prescription Pattern, Adverse Drug Reaction and Cost Analysis of Anti- Hyperlipidemic Drugs.	Ms. Persis Johnson Mr. Abubaker Siddiq <sup>*</sup>	May2015
33	Assessment Prescription Pattern and Monitoring the Adverse Drug Reactions of Corticosteroid use in a Teaching Hospital.	Ms. Linda Jacob Mr. Abubaker Siddiq <sup>*</sup>	May2015
34	Evaluation Prescription Pattern and Associated Drug Interactions in Type 2 Diabetes Mellitus Patients with Comorbidities and Complications in a Teaching Hospital	Ms. Mable Babu Mr. Nataraj G R <sup>*</sup> Dr. S R Vagesh Kumar <sup>*</sup>	May2015

35	Assessment of Cardiovascular Risk Factors with Utilization Pattern of Cardiovascular Drugs in Inpatient Department of a Teaching Hospital.	Ms. Veena Viswanathan Mr. Nataraj G R <sup>*</sup>	May2015
36	Evaluation of Prescription Pattern of Oral Hypoglycaemic Agents in Type-2 Diabetes Mellitus Patients and Assessment of their Risk for Developing Cardiovascular Diseases.	Ms. Chinju Jose Mr. Nataraj G R <sup>*</sup>	May2015
37	Study on Assessment of Prescription Pattern of Antibiotics and Bronchodilators in Patients with Asthma and Chronic Obstructive Pulmonary Disease.	Ms. Joice Joseph Dr. Yogananda R <sup>*</sup>	May2015
38	Impact of Patient Information Leaflet and Patient Counseling on Medication Adherence of TB Patients in a Tertiary Care Hospital	Ms. Akshaya M Dr. Bharathi D. R <sup>*</sup> Dr. Nagendra Gowda <sup>*</sup> Mr. B Shankar Reddy <sup>*</sup>	2015-16
39	A Study on Prescribing Pattern of Antimicrobials Agents in Patients Suffering from Pelvic Inflammatory Disease in A Tertiary Care Teaching Hospital	Ms. Anju Paulose Dr. Bharathi D. R <sup>*</sup> Dr. Anju Arpana <sup>*</sup> Mr. B Shankar Reddy <sup>*</sup>	2015-16
40	Role of Pharmacists Intervention on HIV among Adolescents of Selected Pre University Colleges in Chitradurga City: A KAP Study.	Ms. Anu Rajan Dr. Bharathi D. R <sup>*</sup> Dr. Nagendra Gowda <sup>*</sup> Mr. B Shankar Reddy <sup>*</sup>	2015-16
41	A Study on Prescribing Pattern of Antibiotics in Orthopedic Department in a Teaching Hospital	Mr. Anto John Dr. Bharathi D. R <sup>*</sup> Dr. Rajesh <sup>*</sup> Mr. B Shankar Reddy <sup>*</sup>	2015-16



42	Prescription Pattern of Antihypertensive In Hypertensive Diabetic Patients	Ms. Anju K P Dr. Bharathi D. R <sup>*</sup> Dr. Manoj Kumar M <sup>*</sup> Dr. Kotresh <sup>*</sup>	2015-16
43	A Community Based Study on Knowledge Attitude And Practice Of Dengue Fever Among School Students in Chitradurga City	Ms. Biji Babu Dr. Bharathi D. R <sup>*</sup> Dr. Nagendra Gowda <sup>*</sup> Dr. Manoj Kumar M <sup>*</sup>	2015-16
44	A Study on Prescription Pattern and Adverse Drug Reactions in Cardiovascular Patients of a Tertiary Care Hospital	Mr. Rahul Jose Dr. Bharathi D. R <sup>*</sup> Dr. Manoj Kumar M <sup>*</sup> Dr. Kotresh <sup>*</sup>	2015-16
45	A Community Based Study on Knowledge, Attitude and Management Practices of Tuberculosis among Lower Secondary School Students in Chitradurga City	Ms. Athira Ajith Dr. Bharathi D. R <sup>*</sup> Dr. Nagendra Gowda <sup>*</sup> Dr. Manoj Kumar M <sup>*</sup>	2015-16
46	A Study on Prescription Pattern of Anti Hypertensives in Chronic Renal Failure Patients and the Assessment of Medication Adherence	Ms. Neethu Joseph Dr. Yoganada R <sup>*</sup> Dr. Prashanth .G <sup>*</sup> Dr. Sandeep <sup>*</sup>	2015-16
47	Study of Prescription Pattern and Monitoring Adverse Drug Reaction in Dermatology Department	Ms. P. Chandana Dr. Yoganada R <sup>*</sup> Dr. Yogendra <sup>*</sup>	2015-16
48	A Study on Prescription Pattern of Oral Hypoglycemic Agents and Insulin Therapy on Chronic Renal Failure Patients and Assessment of Medication Adherence	Ms. Varsha Padman Dr. Yoganada R <sup>*</sup> Dr. Prashanth <sup>*</sup> Dr. Sandeep <sup>*</sup>	2015-16
49	Prevalence and Risk Factors Associated with Anemia in Children below 12 years	Ms. E.Pushpaltha Dr. Yoganada R <sup>*</sup> Dr. Srinivasa <sup>*</sup>	2015-16

50	An Intervention Study on Change in the Knowledge of Adolescents Regarding Ill Effects of Tobacco use among selected PU Colleges of Chitradurga.	Mr. Satya Krishna Mr. Nataraj G R Dr. Nagendra Gowda* Dr. Bharathi D R* Mr. B Shankar Reddy*	2015-16
51	Assessment of Impact of Structured Education on Communicable Diseases among lower Secondary Students in Selected Schools of Chitradurga City.	Mr. Sravan Manikanta Mr. Nataraj GR Dr. Nagendra Gowda* Dr. Bharathi D. R* Mr. B Shankar Reddy*	2015-16
52	Assessment of Prescribing Pattern and Quality of Life of Dermatology patients by using Dermatology Life Quality Index (DLQI)	Ms. Sangeetha T Mr. Nataraj GR* Dr. Bharathi D R*	2015-16
53	A Prospective study on Prescribing Pattern of Drugs in Paediatric Inpatient in a Teaching Hospital	Fibin Johnson Mr. Nataraj G R* Dr. Bharathi D R*	2015-16
54	Assessment of Adherence to Cardio Protective Agent Admitted in a Tertiary Care Hospital	Ms. Chinnu John Mr. Abubaker Siddiq* Dr. Bharathi D. R*	2015-16
55	Study of Prevalence, Risk Factors and Prescription Pattern of Pregnancy Induced Hypertension in a Tertiary Care Hospitals	Ms. Aswathy George Mr. Abubaker Siddiq* Dr. Bharathi D. R* Dr. Anju Arpana*	2015-16
56	Assessment of Medication Therapy of Cardiovascular Disease Patients admitted to Intensive Care Unit	Ms. G. Chandana Mr. Abubaker Siddiq* Dr. Bharathi D. R*	2015-16
57	A Prospective Evaluation of Drug use Pattern in Emergency Care Unit of Tertiary Care Hospital	Mr. Vicky Madhav Mr. Abubaker Siddiq* Dr. Nagendra Gowda* Dr. Bharathi D. R*	2015-16

58	Prescription Pattern of antibiotics and disease pattern in NICU	Ms. Rincy Joy Dr. Shirish Inamdar* Dr. Bharathi D. R* Dr. Basavanthappa*	2015-16
59	An Interventional Study on Knowledge, Attitude and Practice towards Urinary Tract Infection among Adolescent Girls Students in Selected Girls Schools in Chitradurga City	Ms. Anjali Vijayan Dr. Shirish Inamdar* Dr. Bharathi D. R* Dr. Nagendra Gowda*	2015-16
60	Assessment of Clinical Profile and Prescription Pattern of Alcoholic Liver Disease and Hepatitis in a Tertiary Care Hospital	Ms. Christeena James Dr. Shirish Inamdar* Dr. Bharathi D. R*	2015-16
61	Incidence and Outcome of Poisoning Cases in the Tertiary Care Hospital and District Government Hospital.	Ms. V. Mounika Dr. Shirish Inamdar* Dr. Bharathi D. R*	2015-16
<b>Faculty Projects</b>			
01	Drug Utilization Evaluation & Cost Analysis of Management of Diabetes Mellitus	<b>Ph.D scholar</b> Mr. Abubaker Siddiq Dr. Bharathi D. R*	2014
02	A Study on Drug use Evaluation in Geriatric Population in Chitradurga District.	<b>Ph.D Scholar</b> Mr. Nataraj G R Dr. Bharathi D. R*	2014
03	Synthesis, Characterization and Evaluation Of Anticancer Activity of Some Novel 2-Mercapto Pyrimidines.	<b>Principal Investigator</b> Dr. Mumtaz Mohammed Hussain <b>Co-Investigator:</b> Dr. Bharathi D. R	2015

04	Synthesis of Semi Synthetic Derivatives From Natural Lead Compounds	<b>Principal Investigator</b> Dr. Basavaraj H.S	2014
05	Factorial and Formulation Studies on Enhancement of Solubility, Dissolution Rate and Bioavailability of BCS Class II Anti Retroviral Drugs Employing Cyclodextrine and Soluble HS15.”	<b>Principal Investigator :</b> Dr. Yogananda R <b>Co-Investigator:</b> Dr. Nagaraja T.S	2015
06	Antimicrobial Study of Medicinal Plant Used In Folklore & other Alternate Systems of Medicine Around Chitradurga	<b>Principal Investigator</b> Dr. Maruthi T Ekbote <b>Co-Investigator:</b> Dr. L Shankarappa	2015

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

Majority of research activities of the Institution are interdisciplinary. The research centre establishes the coordination among all departments.

#### **Promotional avenues for translational research.**

To be taken up in the Institution.

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

All the students are encouraged periodically to update their research interest and activities based on their progress in the previous year, for this short term projects activities are conducted in the college. Thus the culture of research is promoted.

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

Faculty and students who publish their research outcome are felicitated on the occasion of workshops, conferences and additional increments are given to the staff to encourage research activities in the college.

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

Yes, the Management is very much encouraging. It provides travel grant.

**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**

Yes, the Institution is trying to create collaboration with industrial concerns; in this regard the research centre is vested with the responsibility.

**Development of entrepreneur skills in health care**

The Institution organizes the special lecture program interaction program with industrialists, successful entrepreneurs in the Pharmaceutical Industries.

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

Special lecture programs are conducted in this regard by experts in the respective fields.

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

Yes, Research Centre motivate and monitor these activities. The MoU is made with the Department of Physiotherapy of Basaveshwara Medical College Hospital and Research Center. The NSS unit conducts this training for the students, staff and interested people.

### **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, Pharmacy Practice, Pharmaceutical Chemistry and Pharmacology and Toxicology are recognized for their research activities. By VGST – Sanctioned amount: Rs. 30, 00,000/- and 4,00,000/- for two projects. (On going research).

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

Research linkage is created with RGUHS and VGST. The details as below

<b>University awarded projects</b>	<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>
Minor projects	2015-16	01	Synthesis, Characterization and evaluation of anticancer activity of some novel 2-mercapto pyrimidines.	RGUHS	3.00 lakhs
	2015-16	01	Antimicrobial Study of medicinal plant used in folklore & other alternative systems of medicine around Chitradurga	RGUHS	3.75 lakhs
Major projects					

I. Other agencies - national and international (specify)					
Minor projects	2014-15	01	Synthesis of semi synthetic derivatives from natural lead compounds	VGST	4 Lakhs
Major projects	2013-14	01	Factorial and formulation studies on enhancement of solubility, dissolution rate and bioavailability of BCS class II Anti retroviral drugs employing cyclodextrine and soluble HS15.”	VGST	10 Lakhs
	2014-15	01	-----II-----	VGST	10 Lakhs

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

Yes. The Institution has IPR cell.

### 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?

Yes, with the help of some of the outstood alumni the faculty are trying to get patents for their research findings.

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

The Institution is making efforts to get industry sponsored research projects.

### **3.2.6 List details of**

- a. Research projects completed and grants received during the last four years (funded by National/International agencies).**
- b. Inter-institutional collaborative projects and grants received**
  - i) National collaborations**
  - ii) International collaborations**

NIL

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

About Rs. 1,50,000 is earmarked annually apart from special purchases for the activities of research centre.

## **3.3 Research Facilities**

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

The college has created a centralized research centre to coordinate research and monitor research activity. The fund needed is annually earmarked in the budget appropriation of the college. Few research grants are sanctioned from RGUHS and VGST to improve infrastructure requirements of the institute so as to facilitate research. In future it is decided to get more funds from research funds granting agencies.

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

Yes, the Institution has its own Research Centre where allied facilities are provided to facilitate the research activities. Funds are arranged for this purpose from external and internal sources.



**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, the college has the Drug Information Centre with its office in BMCH & RC. The necessary infrastructure including furniture, fitting hardware and software manpower are arranged in the centre. The faculty and students posted to the hospital for this purpose and get training while assisting the physicians and interacting with patients.

**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 Institution, has the infrastructure created and maintained at Sri Allamaprabhu Research Center in Sri Murughamath Chitradurga. Those research scholars, postdoctoral fellows or research associates etc., who request for accommodation will be provided with. Sri Allamaprabhu Research Centre is an apex Institution exclusively organized by SJM Vidyapeetha to promote intra, inter disciplinary and multidisciplinary research activities of different colleges functioning under SJM Vidyapeetha. Internet facility with Wi-Fi network or broad band facility has been provided with.

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

The research facility created by the institute in the research is being used not only by the research scholars, faculty members and students of the college, but also by the other research scholars and faculty members of SJM Vidyapeetha institutions. Some of the research scholars in the district working in various government and non government colleges make use of these facilities on request. In the years to come it is decided to create more facilities needed by the research scholars across the state and country.

Instruments like IR Spectrophotometer, UV Spectrophotometer and many more are available in the research centre and made use of by others including the government agencies like environmental department of Zilla Panchayat Chitradurga.

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

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

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

Researches in clinical trials are in preliminary stage in the Institution. Soon after the completion of each trial efforts will be made to get them with CTRI (Clinical Trials Research of India).

### **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.**

The Institution has planned to publish a research journal called **SJM Pharma Research Journal** from the academic year 2015-16. It is an annual journal of national level. The best referred articles will be awarded by the Institution.

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

- **Number of papers published in peer reviewed journals (national / international)**
- **Monographs**
- **Chapters in Books**
- **Books edited**
- **Books with ISBN with details of publishers**

- Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, EBSCO host, Google scholar, etc.)
- Citation Index – range / average
- Impact Factor – range / average
- Source Normalized Impact per Paper (SNIP)
- SCImago Journal Rank (SJR)
- h-index

S. No.	Details	Students	Faculty
1.	Number of papers published in peer reviewed journals (national / international)	35	63
2.	Monographs	Nil	nil
3.	Chapters in Books	Nil	nil
4.	Books edited	Nil	Nil
5.	Books with ISBN with details of publishers	Nil	nil
6.	Number listed in International Database (For <i>e.g.</i> Web of Science, Scopus, Humanities International Complete, EBSCO host, Google scholar, etc.)	All	All
7.	Citation Index – range / average	Nil	Nil
8.	Impact Factor – range / average	0.5-1	0.2-1.5
9.	<b>Source Normalized Impact per Paper (SNIP)</b>	-	-
10.	<b>SCImago Journal Rank (SJR)</b>	-	-
11.	h-index	12	12

### 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?

Yes. Institution drug information center publish quarterly news letter.

#### 3.4.4 Give details of

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

Nil

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

Nil

#### 3.4.5 Provide details for the last four years

- research awards received by the faculty (Nil ) and students 03
- national and international recognition received by the faculty from reputed professional bodies and agencies

Sl. No	Year	Name	Organizing agencies	Grade
1	2010-11	--	--	--
2	2011-12	--	--	--
3	2012-13	Ms. Persis Johnson	IPA	1 <sup>st</sup>
4	2013-14	Mr. K. Someshwar	BARC, Mumbai	3 <sup>rd</sup>
5	2014-15	Dr. B. Gowthami Ms. Moulya MV Dr. Venkateshwaralu	RGUHS IPC OSSD	1 <sup>st</sup> Rank 2 <sup>nd</sup> Prize 47 <sup>th</sup> Place

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

Sl. No	Year	Name of the Guide	No. of M. Pharm Students/Scholars
1.	2011-12	1.Dr. Nagaraja T.S	03
		2.Dr. Yoganada R	03
		3. Dr. Snehalatha	02
		4. Mrs. Lakshami Radhika	02
2.	2012-13	1.Dr. Nagaraja T.S	02
		2.Dr. R Yogananda	02
		3. Dr. Snehalatha	03
3.	2013-14	1.Dr. Nagaraja T.S	01
		2. Dr. Snehalatha	02
4.	2014-15	1.Dr. Nagaraja T.S	02
		2. Dr. Snehalatha	01
		3. Mrs. Lakshami Radhika	01
		4. Dr. N Jagadish	01

Sl. No	Year	Name of the Guide	No. of Pharm.D (PB) Students/Scholars
1.	2014	1.Dr. Yogananda R	01
2.	2015	1. Dr. Yogananda R	01
		2. Mr. Nataraj G.R	01

**3.4.7 What is the official policy of the institution to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.**

The research centre of the Institution monitor and regulate malpractices and plagiarism in research. Each manuscript is checked for plagiarism and originality using online plagiarism assessment tool available on <http://www.plagtracker.com>. The plagiarism report is assessed and the manuscript is modified as per the requirement before submitting it to a journal or to the University.

**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?**

All the five departments are involved in interdisciplinary research details are given below

Sl. No	Name of the Research guide Title of the Topics	Department
A	Dr. Jayadeviah K.V	Pharmaceutical Chemistry
1	Synthesis & biological activities of some Benzothiazole derivatives.	Pharmacognosy For Antimicrobial Studies.
2	Synthesis of some substituted Primidine derivatives as an Anti microbial agent.	
3	Synthesis of some substituted Triazole derivatives as an Anti microbial agent.	
4	Phytochemical investigation & Screening for analgesic & anti-inflammatory activity of stem bark of <i>B.variegata</i>	
5	Phytochemical investigation & Screening for analgesic & anti-inflammatory activity of roots of <i>Pongamia pinnata</i>	
6	Phytochemical investigation & Screening for analgesic & anti-inflammatory activity of stem bark of <i>Nyctanthus arbortritis</i>	Pharmacology for animal activity.
7	Phytochemical investigation & Screening for antimicrobial & anthelmintic activity of roots of <i>B.purpurea</i>	
8	Phytochemical investigation & Screening for analgesic activity of stem bark of <i>Sesbania grandiflora</i>	
9	Phytochemical investigation & Screening for hepatoprotective activity of stem bark of <i>Cassia fistula</i>	
10	Synthesis, characterization & biological activities of some novel Imidazole derivatives.	

<b>B</b>	<b>Dr. Basavaraja H.S</b>	<b>Pharmaceutical Chemistry</b>
1	Synthesis, characterization and biological activities of some pyrimidine derivatives.	Dept of Pharmacognosy For Antimicrobial Studies
2	Synthesis, characterization and biological activities of some novel pyrimidine analogues of aryloxy acetyl hydrazides.	
3	Synthesis, characterization and biological activities of some pyridine derivatives	
4	Synthesis, characterization and biological studies of novel thiophene derivatives.	
5	Synthesis, characterization and biological studies of novel thiophene derivatives.	
6	Synthesis, characterization and biological studies of novel indole derivatives	
7	Synthesis, characterization and biological studies of novel furan derivatives.	
8	Synthesis, characterization and biological studies of Novel Pyrimidine derivatives.	

<b>C</b>	<b>Dr. Nagaraja T. S</b>	<b>Pharmaceutics</b>
1	Formulation and Evaluation of Mucoadhesive Microspheres of Stuvadine Using Various Polymers.	Dept of Pharmaceutical Chemistry for FTIR UV Spectral studies.
2	Formulation and Evaluation of Parenteral Dosage form of Flubiprofen Using Hydrotropic solubilization Method.	
3	Formulation and Evaluation of Microspheres of Losartan Potassium.	
4	Enhancement of Dissolution Rate of Lornoxicam by Solid Dispersions Technique	
5	Formulation, Characterization and Evaluation of Nanoparticles of Anti-Tumour Drug	
6	Formulation and Evaluation of Fast Disintegrating Sublingual Tablets of Selected Anti-Hypertensive Drug	
7	Formulation and Evaluation of Buccal Patches of an antihypertensive drug	
8	Formulation and Evaluation of Transdermal Patches of antihypertensive drug	

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

**Nil**

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

The Institution has declared a cash award of Rs. 20,000.00 for the best research award of the university. They will be honored by SJM Vidyapeetha on the occasion of August 15 Independence Day or January 26 the Republic day.



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

Sl No.	Research Guide	No. of Projects guided
1	Dr. Nagaraja T.S	08
2	Dr. Jagdish N	01
3	Dr.Yogananda R	24
4	Mr. Nataraj G R	13
5	Mr. Abubaker Siddiq	13
6	Dr. Bharathi D. R	08
7	Dr. Snehalatha	07
8	Dr.Basavaraja H. S	08
9	Mrs. Lakshami Radhika	03
10	Dr. Jayadevaiah K. V	10

**3.5 Consultancy**

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

The SJM Vidyapeetha, which has UG colleges in the field of Medicine, Dentistry, Engineering, Pharmacy and Nursing etc has issued the guidelines to its all colleges. As per guidelines concerned departments in the college should involve their faculty members in consultancy work. Accordingly this Institution has decided to encourage the faculty member of the respective department to take up consultancy services in their respective interest area for a fee or free of cost. As a result some of the faculty members of all the departments have under taken the consultancy services. The list of such consultancy and fee / revenue record is enlisted.

Sl. No.	Year	Consultancy	Amount
1.	2010-11	<b>FTIR</b>	INR 50/- Per sample
2.	2011-12	<b>FTIR</b>	INR 100 /- per sample
3.	2012-13	<b>FTIR</b>	INR 100 /- per sample
4.	2013-14	<b>FTIR</b>	INR 100 /- per sample
5.	2014-15	<b>FTIR</b>	INR 100 /- per sample

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

The RGUHS has no such cell separately. However, these activities are encouraged and coordinated by the academic section of the university. The Institution as per the instruction by SJM Vidyapeetha is making efforts to achieve industry institution interface. It is a pleasure that some of the Alumni are Pharmaceutical entrepreneurs. Some are directly engaged in R & D activities in Pharmaceutical industry. The Institution has formed an “**Industry Institution Coordination Committee**”, at Alumni Meet 2015. This committee works out the ways and means of involving the students and faculty of college in to the industry exposure. Now the college has made MoU’s with some of the pharmaceutical companies.

**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 modes of publicizing expertise of the Institution for consultancy services are website, personal contacts and through individual mails.

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

The Institution publicizes the available expertness of the faculty in website and mass media. The interested faculty approach the needy person or Institution, where they can render consultancy service. Once mutually consented the MoU's will be prepared. The Institution oversees the activities.

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

Institution provides drug information services to all practitioners of BMCH & RC, Chitradurga.

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

S. No	Year	Areas of consultancy	Revenue Generated	Nature of Consultancy
1	2010 to Till date	Pharmacy practice	Nil	Drug information services.
3	2009 to Till date	Spectrophotometric analysis	Rs. 82,660/-	IR Spectral analysis

**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 meet the present need of the society, the Institution sensitize the faculty and students to get involved in various community outreach programs. Sustainable practices of the Institution leading to good performance resulting

in better outcome in terms of providing knowledge for students and faculty which is useful for the community. The community programs provide scope for students to learn from social facts and simultaneously 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 programs organized on May 30<sup>th</sup>, 2013. The overall participation was 100, suggesting that the campaign had an impact in the surrounding community.

Students and faculty of SJM College of Pharmacy participated in NSS rally on December 2<sup>nd</sup> 2013, to spread awareness on AIDS in Chitradurga district. The main objective of this rally was to educate the people regarding the evils of AIDS and how to prevent themselves from this disease; and to show empathy for those infected with HIV. This was done through raising slogans, distributing pamphlets and counseling to those who need it. The village people appreciated the efforts of students and faculty of SJM College of Pharmacy, Chitradurga.

### **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 this network and student engagement by arranging different social activities within and outside the campus. The following are some of the activities to name.

The institute has a NSS unit which conducts the extension activities to inculcate the ideal of service in the mind of students. It organizes various programs like blood donation camps, tree plantation drive, health care awareness rally, national integration development activities, awareness about the dangers of self medication so on and so forth. Co-operation and collaboration is established for this purpose with government and non-government organizations.

**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 faculties are motivated to take part and promote extension activities by training them to realize their social obligation and commitment to the cause of student progress. Periodical meetings are conducted wherein His Holiness Dr. Shivamurthy Murughasharanaru, pontiff of Murughamath and president of SJM Vidyapeetha also participate and advise the faculty about their professional duties and social responsibilities towards the society. It is also mandatory for the faculty to involve themselves one or two extension activities either as advisor or coordinator. In the end of every academic year the services of the faculty members are recognized and honored by the Institution and SJM Vidyapeetha to increase the morality of the faculty. The students are encouraged to develop in them the qualities of leadership, ideals of selfless service, social moral obligations towards society and inculcation of ethical values in life. Special lectures by experts, community camps and seminars are conducted in this regard.

**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 taken it as a commitment and policy that social surveys, research, consultancy and extension work undertaken should ensure social justice and empower the under-privileged in the society. The most backward and neglected villages are selected for community camps. The poor and under privileged are approached for responses with regard to measures taken by the public authorities in ensuring the right health care.

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

Yes, every year in the beginning of the academic schedule the students are

asked to give their preferences, and enroll themselves in NSS, Red Cross, Innovation role club, Sports club etc. to promote their citizenship. Each group of events were coordinated by a senior faculty with other teachers and student representatives as members. Enrolled and desirous students are guided and trained to develop their traits in the respective area and encouraged to participate in the competition conducted at college level and university level. Outstanding and awarded students are honored with cash prize or memento and certificate of appreciation.

**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 Management representatives, the Principal and senior faculty members of the Institution approach the community representatives, generally the political leaders and government officers, to conduct the selected extension activities in the nearby places of the Institution. The response has been very good since the Institution is an offspring of Sri Murughamath known for its social services on secular line. The governing council of the college consists of different personalities of high reputation.

The social relevance and usefulness of the activities conducted and proposed to be conducted by the Institution in the respective field and places are the motivation for the community representatives to invite and involve the Institution in the community outreach activities.

**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.**

Nil.

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

The students who seek admission to this college are largely from out of the state that too from rural background. The total percentage is 25% local, 10% from state and 65% out of the state.

They generally lack English language and communication skills. Special arrangements have been made in the college to teach them the communication skills in English and empower them in soft skills. To enable non Kannadiga students arrangements have been made to teach them the Kannada language.

**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?**

Sri Murughamutt which has started SJM Vidyapeetha, the promoting agency of this Institution, is a prime secular Mutt in Karnataka. It has been functioning since 900 years and inherits the 12<sup>th</sup> century revolution held under the leadership of Sri Basaveshwara against all types of inequalities and deprival's. The same is the vision, mission and objectives of Dr. Shivamurthy Murugha Sharanaru, the President of this Institution.

As a result the Institution also follows the principle of social justice and the ideal of good citizenship in its overall functioning. While admitting students to different programs in the college the inclusive norms set by the central and state governments are followed. It includes students from reservation category and general category across the country. The Institution plan and execute various activities relating to national integration, environmental up-gradation, communal harmony and cohesiveness. The rally's, road shows, cultural presentations, skits, public talks etc conducted for students and staff carry the message of social justice and good citizenship to the community .

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

The Institution extension activities are planned to coordinate with WHO themes. WHO declared days are celebrated. Health awareness programmes are organized. Research activities are promoted on the lines of expectations of WHO.

### **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.**

Field exposure conferences and workshops are conducted.

**Awareness creation regarding potable water supply, sanitation and nutrition.**

Rallies and awareness programmes are conducted in slum and rural areas.

**Awareness creation regarding water-borne and air-borne communicable diseases.**

Seminars and road plays are enacted in slums and villages.

**Awareness creation regarding non-communicable diseases – cardiovascular diseases, diabetes, cancer, mental health, accident and trauma, etc.**

Seminars, workshops and awareness camps are conducted in association with experts of BMCH & RC and other voluntary organizations.



**Awareness creation regarding the role of healthy life styles and physical exercise for promotion of health and prevention of diseases.**

Guest lectures and awareness rallies were conducted for promotion of health and prevention of diseases.

**Awareness creation regarding AYUSH Systems of medicines in general and / or any system of medicine in particular.**

Faculty within the institute and Ayurvedic 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.**

Pharmacy and Therapeutic committee evaluate the drugs for its economic use of the patient.

**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 and students regularly participate in these programs organized by respective committees in the college. Awareness programs in the nature of seminars, special lectures, demonstrations, road rallies and distribution of publicity materials have been organized.

### **Promotion of mental health and prevention of substance abuse.**

The Institution organizes various activities related to awareness of mental and drug abuse programs in the local areas through seminars, road rallies, distribution of pamphlets and display of banners. Experts from Basaveshwara Medical College Hospital and Research Centre were invited to the college.

### **Adoption of population in the geographical area for total health care.**

The Kodayyanhatti village adjacent to the college has been adopted for health care that is film shows skits and door to door campaigning about hygiene and sanitation awareness, dangers of self medication etc were conducted.

### **Research or extension work to reach out to marginalized populations.**

Yes, the Institution has been conducting various health care and clinical awareness programs for the marginalized population. Familiarising various government programs like Yeshasvini, Arogyabhagya, Tayiyaamadilu, RNTCP to public. National and international healthcare programs have been conducted by the college in co-ordination with Basaveshwara Medical College Hospital and Research Centre. The Institution students actively participated in the same.

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

Yes. The faculty members participate in the community health care awareness programs. They plan, organize and motivate the students to take part in all the community health care programs organized by the Institution and others.

Sl. No.	Teaching staff	Community health care awareness programs
1	Dr. N. Jagadish	Awareness rally regarding drug abuse
2	Dr. Yogananda R	Tuberculosis Awareness Program
3	Mr. Nataraj G R	Dengue and Communicable Diseases Awareness Program
4	Mr. Abubaker Siddiq	Awareness program on the World Diabetes Day
5	Dr. Jayadevaiah K V	World No Tobacco Day
6	Dr. Shirish Inamdar	Community Awareness Program on AIDS
7	Dr. H S Basavaraja	Awareness program on the World Diabetes Day

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

The Institution organizes various health awareness programmes, rallies on the occasion of various National Health Days such as AIDS day, TB day and also awareness programmes in rural areas regarding preventive measures to be taken during epidemics such as dengue, malaria 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?**

The Institution has been collaborating with industrial and Institutional units from the point of view of establishing industry and Institutional interface. MoU's have been signed. The programs conducted under this arrangement has helped the faculty to achieve the classroom and community interface. The community problems are taken to the classroom and Institution for discussion,

experimental testing etc.

It has helped the students to upgrade their academic knowledge and develop practical skills and expose themselves for field trials and tests. It has provided exposure avenue to students for their self placements.

The industry-institution coordination committee of the college, which includes alumni from the industries as members, coordinate these activities.

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

#### **Curriculum development**

The feedback from alumni, industrialist and collaborative institutions helped the faculty and university in revising the curriculum to match the requirement of industry with institutions syllabus. For example Dr. Vishwottam K, Assistant director, Advinus Therapeutics Pvt. Ltd. Pune, Who is an alumni of this Institution made some suggestions at alumni meet 2015 which are well received by the University for revising the curriculum. It has helped the Institution to train students in knowledge and techniques that are not in their regular syllabus.

#### **Internship**

It has helped the students and faculty to compare what is being taught and learnt respectively at the Institution is followed the industrial concerns and hospitals. List of students who had taken internship in first four years been enclosed.

<b>S. No</b>	<b>Name of Student for the Year 2013-14</b>	<b>S.No</b>	<b>Name of Student for the Year 2014-15</b>
1	BGSV. Shiva Kumar	1	A. Vaishnavi
2	B. Ramesh	2	A. Bharath Kumar
3	R. Dinesh	3	Arathy S G
4	M. Manoj Kumar	4	A. Yogitha
5	M. Karthik	5	G. Sravanthi

6	M. Kasi Jagadeeshwar Rao	6	G.Shivakanth
7	Patan Amanulla Khan	7	Jonathan. K
8	Jigesh Patel Ramani	8	K. N. Sasidhar
9	Druvil Patel	9	K. Someshwar
10	Mehul Radadia	10	Mohammed Yaseen
11	B. Sowmya	11	Moulya MV
12	B. Gowthami	12	M. Sivasatish Kumar
13	M. Manasa	13	P. Mary Spandana
14	N. Phani Sathyavathi	14	M. Sai Sudha
15	K. Sree Nagavalli	15	Remya Rema
16	S.D. Noorjahan	16	Shashank S Hosur
17	M. Deepthi	17	T. Sravanthi
		18	V. Venkateswarlu
		19	V. Sharath Kumar
		20	Vivek Vyas
		21	Devesh K Joshi
		22	M. Purnachandra Rao
		23	B. Lakshmi Rekha
<b>S. No</b>	<b>Name of Student for the Year 2014-15</b>	<b>S. No</b>	<b>Name of Student for the Year 2014-15</b>
1	Akhil Joseph Issac	11	Mable Babu
2	Aloshin Mariya	12	Mohammed Shehin T
3	Benson Koshy	13	Neethu George
4	Charitha K	14	Nivil joseph
5	Chinju Jose	15	Nilkil khambati
6	Eldho Mathew P	16	Varun Sharma
7	Jisna Thomas	17	Stimson jose
8	Joice Joseph	18	Sachin B
9	Linda Jacob	19	Safdar M
10	Priyanka N	20	Veena Vishwanath

### **Faculty exchange and development**

Faculty has been participating in industry exposure program for their research, consultancy and exposure activity. (List of faculty visited industry)

<b>S. No.</b>	<b>Teaching staff</b>	<b>Activity</b>
1	Dr. Maruthi T Ekbote	KAPL & Micro Labs.
2	Dr. Nagaraja T.S	KAPL & Micro Labs.
3	Dr. Yogananda R	KAPL & Micro Labs.
4	Dr. Mumtaz Mohammed Hussain	KAPL & Micro Labs.
5	Mr. MMJ Vijay Kumar	KAPL & Micro Labs.
6	Mr. Nataraj G R	KAPL & Micro Labs.
7	Mr. B. Shankar Reddy	Uni-Sankyo Ltd. Hyderabad.

### **Research and Publication**

It has given a new opportunity and initiative for the faculty to conduct research and publish papers. Students too have been drawn initiative from this industry institution collaboration for their project making and publications.

### **Consultancy and Extension**

The industry exposure to the faculty and students as helped in their day to day teaching and learning. Some of the faculty got the opportunity as consultants in industrial concerns and hospitals. The Institution would conduct the extension activities in cooperation with collaborative organizations to create awareness in general public about community health care.

### **Student placement and other**

The collaborative industrial concerns provide exposure to the students with regard to the sort of man power needed there. It has inspired the students to acquire the skill and knowledge for their placements.

**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. MoU's have been signed with various industrial units. The students and faculty get a chance to have exposure in established commercial/research organizations. The patent filing initiatives are contemplated.

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

Yes, the research projects undertaken by some of the faculty member with VGST, RGUHS etc. have helped the Institution to develop the laboratories in the Institution.

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

- **Local bodies/ community**
- **State government / Central government /NGOs**
- **National bodies**
- **International agencies**
- **Health Care Industry – Biomedical, Pharmaceutical, Herbal, Clinical Research Organization (CRO)**
- **Service sector**
- **Any other (specify)**

For the conduct of community health care activities MoU's created with M K Hatti Gram Panchayat which consist number of villages. The Kodaiaayanhatti village is located in the vicinity of college. The community healthcare activities are conducted in collaboration and cooperation with these Gram Panchayat and Taluk Health officers of Chitradurga and Zilla Panchayat authorities. RGUHS and VGST projects also helped the faculty, students and institutions in many ways.

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

The Institution conduct various research, development, consultancy, extension and other community health care awareness programs in collaboration and cooperation with private industrial units, state and central governments agencies. It has enriched the faculty and enhances the reputation of the Institution.



## **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?**

The Institution ensures adequate availability and optimal utilization of physical infrastructure 'to create an environment of excellence in education' through technologically advanced educational tools. At the beginning of the every academic year, assessment of the existing infrastructure is carried out based on the suggestions from the Heads of the Departments, teaching and supporting staff. The College creates necessary infrastructure based on the rising requirements with an innovative vision of need and utility. The College is equipped with excellent physical infrastructural facilities like adequate Classrooms, Laboratories, Library, Staff rooms, Auditorium, Conference Hall, Study Hall, Play Ground, Indoor Sports Centre, Hostel, ATM Branch and Vehicle Parking Area etc., which are sufficient enough to satisfy almost all kinds of needs.

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

Yes, apart from the adequate availability of physical infrastructure, the college has planned for future expansions or additional requirements that may be needed with the passage of time to promote a good teaching-learning environment. Recently a well furnished and equipped air conditioned seminar hall is added.

#### **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, these facilities are 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 infrastructure caters to the requirements of students / staff with disabilities. A provision of ramps & lifts in the college buildings has to be made. However, presently the Institution does not have any staff or students with disabilities.

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

Adequate infrastructure has been provided for students to take part in sports and other extra-curricular activities. The auditorium with a seating capacity of 750 Seats is very well equipped with good acoustics. National level symposium and cultural activities are conducted here on a regular basis. The college has made provision for a gymnasium to encourage physical fitness. The Institution has ample facility to conduct in-door and out-door sports. The field adjoining the college is being used for sport events like badminton, volley ball, throw ball, basketball, hand ball, cricket etc. Institution has practice for conducting Inter-Departmental tournaments.

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

For the College campus strict safety security arrangements are made. There are security personnel's who are working in two shifts day and night shift. They check the students ID CARD, in- out time, vehicle pass, registration of time of entry and exit. In case any problems they contact the main security officer and further action can be taken immediately. The college is under the surveillance 24×7 and CCTV cameras are provided to ensure safety of students and staff. Also, emergency telephone numbers at various places have been made available so as to take precaution about the accidents if any. Provision of "FIRST AID KIT" is made in each laboratory, with demarcations

of place. Policies to take care of all the students insured while entering in to the courses till they complete their study have been devised. For the security purpose, we also have constituted “WOMEN CELL” for the safety of all the girl students and female staff members. Cease fire equipments are installed in every floor and non-teaching staff are trained in the use of these equipments.

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

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

Yes, the Institution maintains the Animal House as per CPCSEA guidelines

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

Yes, the records of animal house are well maintained for learning and research activities.

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

No

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

**Number**

Number of Laboratories : 12

Number of Corridor Museums : 04

#### **Maintenance and up-gradation**

A well established system of regular maintenance and up-gradation is operational. Repair and maintenance is undertaken on day to day basis. A system of weekly review of all equipments is in practice.

### **Descriptive catalogues in museums**

Descriptive catalogues are available.

### **Usage of the above by the UG/PG students**

All labs are extensively used by students for practical training

#### **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**

The Institution do not have this programme

#### **4.1.10 Pharmacy**

##### **Pharmaceutical Science Laboratories**

1. Pharmaceutical Chemistry-I Lab
2. Pharmaceutical Chemistry-II Lab
3. Pharmaceutical Chemistry-III Lab
4. Pharmaceutics - I Lab
5. Pharmaceutics - II Lab
6. Pharmacognosy Lab
7. Pharmacology Lab
8. Pharmacology PG Lab (Research)
9. Anatomy & Physiology Lab
10. Pharmaceutical Analysis Lab
11. Microbiology Lab.
12. Machine Room.

### **Museum for drug formulations**

Department of Pharmaceutics has an extensive museum for drug formulations which displays various sorts of drugs and formulations.

### **Machine room**

Machine room in Department of Pharmaceutics is well-equipped with machines like Tablet Punching Machine, Dissolution Apparatus, Capsule Filling Machine, Parenteral unit etc.

### **Herbarium / crude drug museum**

Department of Pharmacognosy maintains crude drug museum with the herbal formulations and their literature are displayed. An herbal garden is maintained in the college premises, which have exclusive varieties of medicinal plants.

### **Chemical store**

A well-stocked store is available in ground floor.

### **Instrumentation facilities**

The Institution has equipped instruments like, FT-IR, UV Spectrophotometer, Microwave oven, Brukefield Viscometer, Rotary Shaker, Probe Sonicator, Research Centrifuge, Digital Balance etc. as prescribed in the curriculum.

### **Pilot plant**

Not Available.

### **Computer aided laboratory**

Yes, students are taught animal simulation techniques by using software, 3D & 2D structure of organic & medicinal compounds in the computer Lab.

#### **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**

The Institution does not have the programme.

#### **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**

The Institution do not have the programme.

#### **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**

The Institution do not have the programme.

#### **4.1.14 Ayurveda**

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

The Institution does not have the programme.

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

- Meditation Hall
- Naturopathy blocks

The meditation hall is provided to teach this skill as a best practice in the Institution.

The Institution do not have the programme on Naturopathy.

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

Sophisticated instruments procured during last four years are as under.

- IR Spectrophotometer
- Colorimeter
- Sonicator
- Brookefield Viscometer
- Roto Shaker
- Research Centrifuge
- Bottle Shaker
- Digital Balance
- Multistation Tablet Punching Machine
- Dissolution Apparatus

## 4.2 Clinical Learning Resources

### 4.2.1 Teaching Hospital

**Year of establish** : 1997

**Hospital institution distance** : 5 km

**Whether owned by the college or affiliated to any other institution?**

Owned by the Institution

**Are the teaching hospitals and laboratories accredited by NABH, NABL or any other national or international accrediting agency?**

No

**Number of beds:650**

S.NO	SPECIALITY	NUMBER OF BEDS
1	Medicine	60
2	TB. Chest	20
3	Psychiatry	30
4	Dermatology	30
5	Paediatrics	60
6	General Surgery	60
7	ENT	30
8	Ophthalmology	30
9	Orthopaedics'	60
10	OBG	60
11	COT	20
	Total beds	460



### Number of specialty services

Eight specialty services are available in Basaveshwara Medical College Hospital & Research Centre.

1. General Medicine
2. Gen. Surgery
3. Paediatrics
4. Ophthalmology
5. Radiology
6. ENT
7. Orthopedics
8. Gynecology

### Number of super-specialty services

Two super-specialty services are available in Basaveshwara Medical College Hospital & Research Centre.

1. Urology
2. Cardiology

### Number of beds in ICU / ICCU / PICU / NICU, etc.

Sl no	Type	No of beds
1	MICU	05
2	SICU	05
3	PICU	10
4	NICU	12
5	ICCU	08
6	RICU	05
7	FEW	05
8	MEW	05
9	SURGICAL POW	10
	Total No of beds	65

### Number of operation theatres

Sl No	Type	Numbers
1	Major	12
2	Minor	04

### Number of Diagnostic Service Departments

1. RADIOLOGY
2. MRI
3. X-RAY
4. CT SCAN – Contrast type
5. MAMOGRAPHY

### Clinical Laboratories

One clinical Laboratory working in the hospital

- Biochemistry
- Pathology
- Microbiology

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

Sl No	Services	Available/Not available
1	Laundry	Available
2	Kitchen	Available
3	CSSD	Available
4.	Backup power supply & AC plant	Available
5	Manifold Rooms	Available
6	Pharmacy	Available

**Blood Bank services :** Available

**Ambulance services:**

Yes, the hospital has three modern ambulances with latest life saving equipments and 24 hours ambulance service is rendered to general public.

**Hospital Pharmacy services:**

Twenty four hour Pharmacy service available for both In patients and out patients

**Pharmacovigilance :** Available

**Mortuary, cold storage facility :** Available

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

The facilities in the hospital are on nominal payment basis. The charges are displayed at the Hospital Reception and accept all Government Sponsored Schemes.

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

Complaints/Suggestions from patients or attendants are received directly by the Administrator/ Reception staff in most cases. However the patients are free to drop written complaints/ suggestions in a complaint Box installed at the hospital administrative section, RMO office and main gate. The complaints/ suggestion are brought to the notice of the Hospital-Administrator immediately who adopts the following mechanism for effective redressal .

1. Immediate resolution and remedy in case of minor issues.
2. Discussion and decision making in consultation with Campus Administrator and with advisory committee for major issues.

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

Sl no	Year	No of inpatient	No of outpatients
1	January- October 2015	28,645	3,42,500
2	January- December 2014	33,297	3,88,937
3	January- December 2013	28,903	3,62,879
4	January- December 2012	26,055	3,42,052

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

Yes, charges for paid services are displayed at the Hospital Reception Office and at different corners of Hospital premises.

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

Yes, the names of the faculty and their field of specialization are displayed prominently in the respective departments in the hospital.

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

Yes, pictorial representation of the various areas of the hospital is displayed in such a manner to understand even by illiterate patients.

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

Yes, there is prominent display of ante-natal, mother and child health care facilities at Department of Paediatrics (Child health care department)

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

The hospital disseminates factual information regarding rights, responsibilities and health care costs to patient and the relatives/attendants through the Public relation officer at the Reception and displayed by board.

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

Written & Signed informed consent is obtained from the patient / attendant for any medical or surgical treatment where ever needed.

**Does the hospital have well-defined policies for prevention of hospital-acquired infections?**

Yes, the hospital has well-defined policies for prevention of hospital-acquired infections. All hospital doctors and staff follows and adopted standard procedure to prevent hospital acquired infections.

**Does the hospital have good clinical practice guidelines and standard operating procedures?**

Yes, the hospital has good clinical practice guidelines and standard operating procedures as per guidelines of apex bodies.

**Does the hospital have effective systems for disposal of bio-hazardous waste?**

Yes, the hospital has effective systems for disposal of bio-hazardous wastes. The hospital has own facilities and also outsourced facilities.

**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 hospital ensure the safety of the patients, students, doctors and other health care workers especially in emergency department, critical care unit and operation theatres by displaying safety measures in the all the areas. Precautions are taken by creating awareness in them about possible fire accidents and robust infections.

**How are the Casualty services/Accident and Emergency Services organized and effectively managed?**

As per the emergency protocols TRIAGE Casualty services / Accident and Emergency Services organized and effectively managed.

**Whether the hospital provides patient friendly help-desks at various places.**

Yes, the hospital effectively provides patient friendly help-desks at different departments in the hospital for better understanding of the patients.

**Does the hospital have medical insurance help desk?**

Yes, Medical insurance help desk is functioning at reception.

**What are the other measures taken to make the hospital patient friendly?**

Through various help desks and dedicated volunteers create the hospital patient friendly environment and also provide R O drinking water, afternoon meals, fruits etc.

**How does the hospital achieve continuous quality improvement in patient care and safety?**

The other quality improvement measures are as per the guidelines of MCI and apex authorities. Various patient care and safety measures are taken for the quality improvement.

**What are the measures available for collecting feedback information from patients and for remedial actions based on such information?**

Feedback forms are used to collect information and to assess the patient care and safety measure. Based on the same efforts are made to improve the quality of patient care.

**How does the institution ensure uniformity in treatment administered by the therapists?**

The Institution ensures uniformity in treatment administered by the therapists through standardized protocols and continuous monitoring.

**Does the institution conduct any orientation training program for AYUSH-based para-medical staff?**

AYUSH facilities will be started in the future.

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

Case based learning and evidence based learning are included for clinical learning in the out-patient, bedside, community and other clinical teaching sites. Students and faculty are grouped and posted to these teaching sites as per the norms of the University.

#### 4.3 Library as a Learning Resource

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

Yes, the library has a “Library Advisory Committee” as constituted in the following order.

LIBRARY ADVISORY COMMITTEE		
Sl. No.	Name	Designation
01	Dr. Bharathi D.R Principal, SJM College of Pharmacy, Chitradurga	Chairman
02	Dr. N. Jagadish Professor, Department of Pharmacology, SJM College of Pharmacy, Chitradurga	Co-ordinator
03	Mr. Kallesh M S Librarian, SJM College of Pharmacy, Chitradurga	Member
04	Dr.Basavaraja H S Associate Professor, Department of Pharmaceutical Chemistry, SJM College of Pharmacy, Chitradurga	Member
05	Mr.Abubaker Siddiq Assistant Professor, Department of Pharmacology, SJM College of Pharmacy, Chitradurga	Member
06	Mr. Cheluvraj K H (External Librarian)	Member
07	Eldo Mathew - PG Student	Member
08	Lal Bahadur Gurung - UG Student	Member



#### **Role of library advisory committee:**

- Policy concerning the utilization of catalogue system, store rooms, purchase of books etc., is framed.
- Propose and frame the library budget.
- To frame the library rules and regulations.
- To verify the stock of the books every year.
- Maintenance of library usage record of student, staff, guest visitors and various other records.
- For computerization of library facility
- For continuous upgradation of the library in terms of books, journals, magazines and other facilities with consultation of Principal and all HODs
- Advices the faculty members for purchase of new books and journal

#### **4.3.2 Provide details of the following:**

**Total area of the library (in Sq. Mts.)** : 186 Sq. Mts.

**Total seating capacity** : 100

**Working hours (on working days, on holidays, before examination, during examination, during vacation)**

8:30 am – 5:30 pm on working days

**Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)**

Enclosed as **Annexure No. C/IV-1**

**Clear and prominent display of floor plan; adequate sign boards; fire alarm; access to differently-abled users and mode of access to collection**

1. All the close access books are adjusted according to subject wise and the closed racks are cleaned regularly, curtains are provided to prevent dampness.
2. The fire safety is provided in the entire library

**List of library staff with their qualifications**

Sl no	Name	Qualification	Designation
1	Mr. M S Kallesh	M.A.,M.LISc	Librarian
2	Mr. Veerabhadraswamy V M	PUC	Library Assistant
3	Mrs. Basamma	PUC	Attender
4	Mr. Onkarappa	SSLC	Attender

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

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

<b>No. of Books</b>	:	4,222
<b>No. of Titles</b>	:	1,140
<b>No. of Reference books</b>	:	598
<b>Total investment on Books</b>	:	Rs. 21,44,274.00
<b>Theses (All departments)</b>	:	51
<b>International Journals</b>	:	08
<b>National Journals &amp; Magazine</b>	:	16
<b>HELINET</b>	:	85

**Total Periodicals** : 24

**Educational CDs** : 96

**Library software** : -

**Average number of books added during the last three years** : 368

**Non Print (Microfiche, AV)** : NIL

**Electronic (e-books, e-journals)**

Science Direct, Bentham, Helinet, ELSEVIER, EBSCO, SPRINGER, Mc.GRAW- HILL, Proquest.

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

Text books Titles: 1,140, Volumes: 4,222, Helinet : e-Journal facility is also available in helinet.

**Book bank**

Yes, it is available for each year and individual subject wise.

**Question bank**

Yes, it is available for each year and individual subject wise.

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

**Library automation** : -

**Total number of computers for general access** : 14

**Total numbers of printers for general access** : 01

**Internet band width speed** ☒4mbps ☐ 10 mbps ☐ 1 GB ☐

**Institutional Repository** Available

#### **Content management system for e-learning**

Yes, lecture videos, insilico softwares related to pharmacy from various educational website portals are downloaded, organized according to the subject speciality, stored in the digital library computers to provide easy accessibility to students which is managed and monitored by the librarian .

#### **Participation in resource sharing networks/consortia (like INFLIBNET)**

The thesis books and other educational resources prepared by faculty and students are submitted to Rajiv Gandhi University of Health Sciences in the form of soft copy as well as printed copy. The soft copy is uploaded in the university digital library portal ([www.rguhs.ac.in](http://www.rguhs.ac.in)) as an open source document.

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

##### **Manuscripts**

Display facility is arranged

## **Reference**

Reference books are arranged in separate racks, department wise and can be easily located.

## **Reprography / scanning:**

Reprography facility is provided to all students at concessional rate.

## **Inter-library Loan Service:**

Inter library facility is offered. With the written request letter and permission of Principal, any student of our Institution can become the member of RGUHS library.

## **Information Deployment and Notification:**

These facilities are available in the library information pertaining to job opportunities displayed on the notice board of the library. New arrivals are displayed on the separate rack.

## **OPACS**

Available.

## **Internet Access**

Yes, available to all the students and staff members

## **Downloads**

Unlimited download facility is available in the library.

### **Printouts**

Students can take prints from the library.

### **Reading list/ Bibliography compilation**

Author-wise, Title-wise, Subject-wise bibliography compilation is available in the library.

### **In-house/remote access to e-resources**

In-house type of e-resources is available, which can be accessed through LAN & CDs.

### **User Orientation**

During orientation programme for new students the librarian address to the students and explain the rules and regulation regarding facilities and services in the library.

### **Assistance in searching Databases**

Yes, provided.

### **INFLIBNET/HELINET**

HELINET Available.

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

<b>Academic Year</b>	<b>Budget</b>	<b>Purchased</b>
2010-11	Rs. 12,00,000.00	Rs. 11,17,386.00
2011-12	Rs. 1,00,000.00	Rs. 75,103.00
2012-13	Rs. 1,00,000.00	Rs. 63,267.00
2013-14	Rs. 2,00,000.00	Rs. 1,45,628.00
2014-15	Rs. 2,00,000.00	Rs. 1,42,434.00

**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?**

Yes. The library has a suggestion box. Any suggestion given by the students are analyzed by the Library Advisory Committee and action is taken immediately. Such feedback is used for rendering the library student / user friendly.

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

Everything was planned and developed accordingly, during the construction and renovation of library. Hence, minimal further efforts were required towards the infrastructural development of library.

**4.4 IT Infrastructure**

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

The College has a full- fledged technology up gradation committee. All IT services and developed IT infrastructure in the college. The IT Center maintains web server (internet facility) 24x7. All staff and students are given

with Usernames and Passwords to use internet in internet lab and other departments.

### **Information Security**

Kaspersky Internet Security Antivirus has been installed in all the computers of the college.

### **Network Security**

The antivirus Kaspersky Internet Security installed in the college computers has an ability to control blocking of sites, viruses, adware, spywares, etc when any person tries to download data from internet.

### **Risk Management**

The college has ten internet connections provided by UGC under NME scheme. There is separate internet connection with static ip address dedicated to access university digital library and for university examination online activities.

### **Open Source Resources**

The open source study material such as text books, lecture videos etc., and research publications can be accessed at digital library.

### **Green Computing**

This policy will be planned in the coming years



#### **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**

These services are maintained at Basaveshwara Medical College Hospital and Research Centre as per the MCI and RGUHS.

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

##### **Number of systems with individual configurations**

1. Intel Core 2 Duo Pro 2.93 GHz, 2GB DDR3 RAM, 160 GB Hard disk, 19' LCD Monitor, Keyboard and Optical Mouse – 25 Nos
2. Intel P IV 1.5Ghz, 512 MB RAM, 40 GB Hard disk, Sony CD-RW, 17' Monitor, Keyboard and Optical Mouse–05 Nos

##### **Computer-student ratio**

In the form of 1:10 Ratio

##### **Dedicated computing facilities**

- Five computers with broadband internet connection, scanning and printing facility are dedicated for college office work.
- Fifteen computers with broadband internet connection with static ip address and Wi-Fi, printing and scanning facility are installed in digital library.
- Five computers with broadband internet connection, scanning and printing facilities are installed in Drug Information Centre of our Institute at Basaveshwara Medical College Hospital and Research Centre.
- One computer is installed in each department which is also equipped with broadband internet and printing facility.

### **LAN facility**

LAN Facility is provided for computers in entire campus for browsing, files sharing and printing.

### **Wi-Fi facility**

The college has installed the Wi-Fi routers for students to utilize the high speed broadband connection

### **Proprietary software**

Licensed software's drug information centre Micromedex

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

Thirty computers are provided with internet facility in various departments. Details are as under shown.

<b>SL.NO.</b>	<b>Departments</b>	<b>No. of Nodes</b>
1	Principal	01
2	Adminsitration office	04
3	Digital Library	15
4	Department of Pharmaceutical Chemistry	01
5	Department of Pharmaceutics	01
6	Department of Pharmacology	01
7	Department of Pharmacognosy	01
8	Department of Pharmacy Practice	01
9	Drug Information Centre (BMCH & RC)	05

### **Any other (specify)**

Nil

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

Institutional plans and strategies are:

Sequential upgradation plans are made to include Wi-Fi campus, up gradation of all the systems. The Institution also has system administrator, laboratory assistants and electricians to maintain the computers. It also hires the help of computer professionals whenever necessary. The equipment in the laboratory are serviced regularly. The faculty and students are imparted periodical training to keep them abreast with latest development.

#### 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.

The college has provided:

The Internet facility to the LCD Projector with Interactive Board for teaching of on-line presentations, accessing e-Journals.

- Videos, case studies from various sources etc for the students.
- These enable quality teaching, learning and research.
- The details of online e-journals available through HELINET consortium to the faculties and students are as follows.

Sl. No.	Web-Site Link	Resource Name
1	<a href="http://www.sciencedirect.com">www.sciencedirect.com</a>	Science Direct
2	<a href="http://www.ovidsp.tx.ovid.com">www.ovidsp.tx.ovid.com</a>	Ovid
3	<a href="http://www.ncbi.nlm.nih.gov/pubmed">www.ncbi.nlm.nih.gov/pubmed</a>	Pubmed
4	<a href="http://www.jaypeedigital.com/">http://www.jaypeedigital.com/</a>	Jaypee
5	<a href="http://journals.bmj.com/">http://journals.bmj.com/</a>	BMJ
6	<a href="http://www.doaj.org/">http://www.doaj.org/</a>	DOAJ
7	<a href="http://www.mdconsult.com/php/43932596653/home.html">http://www.mdconsult.com/php/43932596653/home.html</a>	Mdconsult
8	<a href="http://medind.nic.in/">http://medind.nic.in/</a>	MedIND
9	<a href="http://informahealthcare.com/">http://informahealthcare.com/</a>	Informa Health Care
10	<a href="http://www.journals.org/">http://www.journals.org/</a>	Journals

11	<a href="http://www.thecochranelibrary.com/view/0/index.html">http://www.thecochranelibrary.com/view/0/index.html</a>	The Cochrane
12	<a href="http://onlinelibrary.wiley.com/">http://onlinelibrary.wiley.com/</a>	Wiley
13	<a href="http://procedures.lww.com/lnp/turnaway.do">http://procedures.lww.com/lnp/turnaway.do</a>	Wolters Kluwer

#### **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?**

New technologies are deployed by the college in enhancing the students learning and evaluation during last four years are

- Established ICT facilities in the classrooms.
- Procured ten broadband internet connections which is connected in all departments, digital library and office.
- Established Wi-Fi router in library.

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

- Desktop with internet facility for faculty members, department wise
- Staff can use institutional Laptop connected with LCD while engaging class with power point presentation and OHP facility can also be availed.
- Each faculty can save their important documents in to storage space on the server.
- Completed research projects/activities are stored in CDs and DVDs for lifelong retrieval process.
- Staff can use e-data base for preparing their lecture notes
- For research purpose, subscription of e-journals has been availed to all the staff as well as research scholar.
- There is laboratory of data base of all the scientific journals cited in Sciencedirect, Willey science, Springer, Bentham etc., subscribed from university digital library (Helinet).
- Provision of audio-video recording of guest lectures has been made for the future use by the students as well as staff members.

**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 ICT-enabled classrooms and learning spaces are available. The college has ICT enabled classrooms which are being provided with LCD and utilized by the students and staff during student seminars and faculty presentations.
- Special computer laboratory with internet connection has been provided to promote independent learning.
- e-Library resources with respect to journals are provided to access and upgrade the research knowledge by the staff, students and research scholars. Blended learning, classroom seminars by students using learning resources, co-operative learning through task based projects keep students at the centre of teaching-learning process.
- Language laboratory CD and software's are being procured to make students good at English writing / speaking and personality development aspects. There are online databases of Science Direct, Bentham etc., subscribed from university digital library (Helinet).

**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?**

- Training programs are designed to help faculty to upgrade the teaching methods and find resources on the internet and to assist them in preparing data.
- We plan for demonstration of online database to expertise in preparing the required lecture materials.
- One B.C.A person and one B.E. (Computer Science) is appointed for supervision, handling and solving problems of the faculty, related to use of computers and internet.

- Also Executive Assistant helps in LCD arrangements and Power point presentations. Orientation is given to non-teaching and faculty for the use of computers and internet. The facilities available in the Institution for computer-aided teaching are the internet facility, laptops, LCDs, CDs and pen drives to store the data and computers at department level, CDs of various books, downloaded materials from internet stored in CDs, CDs of simulated experiments for demonstration purposes, Chemdraw software for chemistry and laser pointer for the effective presentations

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

- The Institution has AMC with a computer agency. The computers are repaired as and when required.
- The peripherals and the sub-systems are separately procured by the purchase section in the Institution.

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

The Institution is yet to avail this services from NKN.

**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 college has provided

- The username and password to browse internet for students and faculty members to access online educational resources, Wikipedia, Google search, e-mail communication and others for the making of subject PPT's through internet for the academic
- Web access is also provided for students to see their results, marks sheet, internet links of video on lectures, studies and other sources through internet.

- The college has blocked advertising and restricted sites, web materials; Face book and twitter are blocked.

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

Substantial amount is provided in the annual budget for update, deployment and maintenance of computers in the college.

<b>YEAR</b>	<b>AMOUNT (Rs.)</b>
2011-12	Rs. 2,00,000.00
2012-13	Rs. 2,00,000.00
2013-14	Rs. 2,00,000.00
2014-15	Rs. 2,00,000.00

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

The college is connected to IT center through campus network connected of BSNL link line. Internet facility is available round the clock.

### **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.**

Construction and Maintenance Department (CMD) of SJM Vidyapeetha takes care of these tasks. Separate maintenance staff is available for overseeing the maintenance of buildings, class-rooms and laboratories, Electrical, Carpentry, Plumbing, Engineering, Mechanical, Civil, Computer related works undertaken by maintenance department.

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

The College has maintenance committee to maintain mechanical, electrical and equipments.

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

Yes, the Institution has insured its equipments and building.



## **CRITERION V: STUDENT SUPPORT AND PROGRESSION**

### **5.1 Student Mentoring and Support**

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

Yes, the Institution has a system for student support and mentoring. Depending upon the interest of the faculty, the mentors are appointed. The mentor will take care of problems of students – academic and non academic. The mentor meets the group once in a week and gives patient hearing to the problem of students and the same will be redressed after bringing into the notice of HOD and the Principal.

The following is the structure

<b>Class</b>	<b>Teacher Mentor</b>
First B.Pharm	Dr. Yogananda R Dr. Jayadevaiah K. V Dr. Maruthi T Ekbote
Second B.Pharm	Dr. H. S Basvaraj Dr. Snehalatha. L Mr. Nataraj G.R
Third B.Pharm	Mr. Vijaykumar MMJ Mrs. Lakshmi Radhika
Final B.Pharm	Dr. T.S. Nagaraja
First Pharm.D	Mr. Abubaker Siddiq. Dr. Mumtaz Hussain M
Second Pharm. D	Dr. Shirish Inamdar
Third Pharm.D	Mr. Abubaker Siddiq Mr. Shankar Reddy
Fourth Pharm.D	Dr. Manoj Kumar
Fifth Pharm.D	Dr.N. Jagadish
Interns	Dr. L. Shankarappa

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

The requirements and deficiencies of the group or individual student will be attended by the mentors. Infrastructure requirements will be met out by providing the same after discussing with the infrastructure development committee and the Principal. Training and learning deficiencies will be attended by conducting remedial classes, trial examinations etc.

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

Yes, the Institution has some of the personal enhancement and development schemes. For instance, career counseling, soft skill development and career path identification. Inculcation of social and spiritual values and well being orientation programmes like personal health and hygiene, individual conduct and organizational skill activities etc. Each program has been coordinated by a teacher with the assistance of other teachers. Special lectures, group discussions, seminars etc., are conducted. Experts in the concerned activity are invited. The resource needed for these activities are met out from college funds. Feedbacks are taken after each programme for review and revision.

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

Yes, counseling cell of the Institution has been providing psychosocial counseling for the needy students by psychiatrist from associated Basaveshwara Medical College Hospital and Research Centre, with a view to help students to cope up with academic and emotional life. Counselors visit the college periodically.

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

Yes, the Institution arrange assistance to students as education loan from various banks and financial institutions. One of the non teaching staff members has been assigned the task of providing assistance to the needy students for obtaining educational loans. In turn, he collects all the details and processes it for enabling students to avail educational loans. It is provided at free of cost with the prime motive of helping the students and parents.

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

Yes, the Institution publishes updated prospectus annually and it is distributed to all the students at the time of admission. Through this, the students and their parents are made known about staff, contact details, academic activities, infrastructural details, library, examination system, attendance, hostel and campus rules, welfare, sports and cultural activities to be conducted in the Institution.

Yes, there is a provision for online access.

**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)**

The students are availing various types of scholarships dispersed on time to the eligible students. The details of such scholarships disbursed in the last four years are as under

<b>AGENCIES</b>	<b>Academic Year</b>	<b>Total No of Scholarship/ Free Ship</b>
Sitaram Jindal Foundation	2011-12	03
Department of Social Welfare Govt. of Karnataka	2012-13	03
Department of Social Welfare Govt. of Karnataka	2013-14	06
Department of Backward classes welfare, Govt. of Karnataka	2013-14	02
Department of backward classes welfare, Govt. of Karnataka	2014-15	11

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

About 1% of the students belonging to SC/ST/OBC get various types of scholarships from Government of Karnataka and Government of India.

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

Yes, the Institution has a provision for attracting overseas students and caters to their needs. The international students cell is in charge of these activities.

**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.)

- **Performance enhancement for slow learners.**
- **Exposure of students to other institutions of higher learning/ corporate/business houses, etc.**
- **Publication of student magazines, newsletters.**

Overseas students	Dedicated facilities are created with regard to Hostel, Internet facilities, Canteen facilities, Cultural events to display the culture, highlighting their country at college events and personal counseling for overall growth.
Physically challenged /differently –able students.	Dedicated facilities like wheel chair, personal assistance etc., are provided. No physically handicapped students are there.
SC/ST, OBC and economically weaker sections.	As per the government regulations
Students participating in various competition/conferences in India and abroad.	Students are encouraged to take active participation in various conferences. Information relating to these are displayed in the college and hostel notice board.
Health centre , health insurance etc.	All the health related services are provided to the students in Basaveshwara Medical College Hospital and Research Centre at subsidized rates.
Skill development (spoken English, computer literacy, etc.)	Soft skills in Computer applications and Communication skills in English language are taught by experts.
Performance enhancement for slow learners.	Remedial classes are conducted for needy students to keep up with the advanced learners.
Exposures of students to other institutions of higher learning /corporate/business houses, etc.	Students are encouraged to visit other institutions including the industries.
Publication of student's magazines, newsletters.	Yes, the college brings out the annual magazine

**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?**

It will be created in the forth coming years.

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

**additional academic support and academic flexibility in examinations**

The Institution enhances the student participation in sports and extra-curricular activities by extending academic flexibility.

**special dietary requirements, sports uniform and materials**

The dietary requirements of students are met through the college mess.

**any other (specify)**

- Transportation, boarding and lodging charges are given.
- Separate training arrangements are made by inviting experts from outside.

**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?**

The Institution has placement cell comprising of faculty members from various departments to guide and prepare the passing out graduates regarding wide avenues available to them in profession.

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

The Institution, with an intention to enrich the academic ambience of advanced learners plan and execute various activities. These include advising them to take up research project, publish articles, deliver talk on their subjects etc. Personality development programmes are conducted to enhance their learning capacity, problem solving ability, time management, value based behavior etc.

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

Drop out is nil in the Institution.

**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).**

Campus interviews have not been conducted by the Institution. However, students participate in the recruitment conducted by various companies through placement cell which provide information regarding placement and recruitments.

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

Yes, the Institution has a registered Alumni Association. The structure is as follows

<b>Name with Designation</b>	<b>Role</b>
Dr. Bharathi D.R	President
Dr. Maruthi T Ekbote	Vice President
Dr. Jayadevaiah K. V	Secretary
Dr. Nagaraj T. S	Joint Secretary
Dr. Snehalatha	Joint Secretary
Dr. Yogananda R	Treasurer
Mr. Nataraj G R	Director
Dr. Mumtaz Hussain M	Director
Mr. Sanu Tasleem J M	Director
Mr. Alpesh Kumar Nagar	Director
Mr. Patel Krupesh	Director

The alumni association is active in conducting alumni meet every year which helps in bringing contacts of old students with fresher's. Alumni Meet also helps the outgoing students to select their career and placement. The college takes feedback from the alumni graduates to update the Institution academically, infrastructure wise and research motivation. The Alumni's delivers guest lecture periodically to share the knowledge with students.

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

The Institution being an old and renowned one in Karnataka, it has produced many alumni's, who are well placed in various organizations across India and abroad. The below list is some of the prominent alumni's.



Sl. No.	Name of the Alumni with batch	Position held
1	Dr. Prakash Nesvi	Senior Production Manager, Himalaya Drug Company, Bangalore.
2	Dr. Vishwottam K	Asst. Director, Advinus Therapeutics Pvt. Ltd. Pune
3	Dr. Satish K J.	Managing Director, Relonchem Ltd. London, United Kingdom.
4	Dr. Vasanthraju S G	Professor, Manipal College of Pharmacy Manipal, Karnataka.
5	Dr. Vijaybaskar K	Professor, Manipal College of Pharmacy Manipal, Karnataka.
6	Mr. Rangaraju R	Production Manager Karnataka Antibiotic & Pharmaceuticals, Bangalore
7	Mrs. Nagajyothi	Asst. Drug Controller, Government of Karnataka
8	Mr. Suresh	Asst. Drug Controller, Government of Karnataka.
9	Mrs. Shylaja	Asst. Drug Controller, Government of Karnataka.

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

- Career guidance and practice set up
- Provides infrastructure for conducting various alumni meet.

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

Yes, the Institution has a Grievance Redressal Cell. It redresses the grievance reported by the students and tries to settle them to the satisfaction of the students. A complaint box is placed in the Institution premises through which, written complaints are collected. The cell meets periodically and attends the grievances.

**5.1.20 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, the Institution promotes gender sensitive environment and has established a Women and Sexual Harassment Prevention Committee to resolve related issues. However no such incidents have occurred so far. The following is the structure of the committee

Sl. No	Name	Designation
01	Dr. Bharathi D.R.	Chairperson
02	Dr. Jayadevaiah K. V.	Co-ordinator
03	Dr. Nagaraja T. S	Member
04	Mrs. Lakshmi Radhika	Member
05	Local Police Sub inspector	Member
06	Advocate Nominated	Member

**Activities:**

- Contact details of the office bearers are displayed on the notice board.
- Members of the committee visit various work places.
- Counseling to raise comfort level of girl students and women employees.
- Group activities devised to make them self confident.
- Cell is empowered to recommend suitable actions in the form of remedial measures to resolve the same.

**5.1.21 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 an Anti-raging Committee in the Institution. However no ragging incidents have been reported so far. The structure of the committee is as under

SL. NO.	NAME	DESIGNATION
01	Prof. E Chitrashekar	President
02	Dr. Bharathi D. R	Member Secretary
03	Dr. Jayadevaiah K. V.	Co-ordinator
04	Dr. Nagaraja T. S.	Member
05	Dr. Yogananda R	Member
06	Dr. Maruthi T Ekbote	Member
07	Mrs. Lakshmi Radhika	Member
08	Additional Superintendent of Police, Chitradurga.	Member
09	Circle Inspector of Police, Kote, Chitradurga	Member

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

The stake holder co-operation is sought by the SJM Vidyapeetha and the Institution to ensure overall development. Feedbacks are taken, suggestion boxes kept, direct interviews are arranged to know about his/her interest in further career.

**5.1.23 How does the institution ensure the participation of women students in intra- and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.**

Women students and staffs are encouraged to participate in intra-institutional sports and cultural activities. The cultural committee has women members to motivate girl students. Equal opportunities are given for both male and female students.

**5.1.24 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, this is a part of the curriculum for Pharm.D programme where in it is mandatory for the individual student to take part in community health programs. This is under the supervision of the Department of Pharmacy Practice.

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

Yes, the Institution has immunization policy for its students and staffs. It is mandatory for the students and faculty as they interact with the patients in terms of examination and management in their program. The immunization is provided at subsidized rates to the students.

The immunization booster dose protocol is strictly followed. The department of oral pathology is put in charge of this.

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

**Physical Development**

Yes, the Institution has initiated a following measures for the physical development of students and faculty.

Awareness creation regarding, the role of providing clean water and hygienic food in hostel. Conducting out door and indoor games.

**Emotional Development**

The Institution organize various activities to boost up the emotional traits in boys and girls, men and women. These includes seminars, special lectures, group discussions etc., on subject like gender equity, patriotism, ideals of selfless service and so on.

## Social Dimension

Through the programmes like rural postings, health camp, community awareness etc. The students and faculty are trained to communicate with patients, colleagues and general public in humility. Event management training activities are conducted for students and faculty to inculcating them the organization skill and social empathy.

## Spiritual Growth

Spirituality is understood as the main root for individual development and cohesive community life. Therefore, the Institution conducts special activities under the guidance of His Holiness Dr. Shivamurthy Murugha Sharanaru, who is the pontiff and philanthropic practitioner. Personality development programmes are conducted in the Institution, where the students interact with philanthropists, social reformer, meditation teachers etc.

### 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.

- Program-wise data analysis:

#### Student Strength in Academic year 2014-15

Sl No.	Program	Total Intake	Students Admitted	Seats Unfilled
6.	B.Pharm	60	60	Nil
7.	Pharm.D	30	30	Nil
8.	Pharm.D (PB)	10	01	09
9.	M. Pharm	34	Nil	34
10.	Ph. D	02	02	Nil
	<b>Total</b>	<b>136</b>	<b>93</b>	<b>43</b>

### **Student Strength in Academic year 2013-14**

<b>Sl No.</b>	<b>Program</b>	<b>Total Intake</b>	<b>Strength of Students</b>
5.	B.Pharm	60	44
6.	Pharm. D	30	30
7.	Pharm.D (PB)	10	02
8.	M. Pharm	34	05
	Total	134	81

### **Student Strength in Academic year 2012-13**

<b>Sl No.</b>	<b>Program</b>	<b>Total Intake</b>	<b>Strength of Students</b>
5.	B.Pharm	60	13
6.	Pharm. D	30	28
7.	Pharm.D (PB)	10	02
8.	M. Pharm	34	03
	Total	134	46

### **Student Strength in Academic year 2011-12**

<b>Sl No.</b>	<b>Program</b>	<b>Total Intake</b>	<b>Strength of Students</b>
5.	B.Pharm	60	11
6.	Pharm. D	30	30
7.	Pharm.D (PB)	10	02
8.	M. Pharm	34	07
	Total	134	50

- There is decrease in PG admission due to decline in UG output.

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

Data base is yet to be created.

**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.**

Sl. No.	Program	Details	Year wise			
			2011-12	2012-13	2013-14	2014-15
01	M. Pharm	Accepted	08	10	07	05
		Not Accepted	Nil	Nil	Nil	Nil
02	Pharm.D	Accepted	Nil	17	29	21
		Not Accepted	Nil	Nil	Nil	Nil
03	Ph. D	Accepted	NA	NA	NA	NA
		Not Accepted	NA	NA	NA	NA

- NA : Not Applicable

**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.

### 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.

##### List of Sports activities available to students

Sports Activities	Calendar	Student's participation
<b>Outdoor Games</b> <ul style="list-style-type: none"><li>- Football</li><li>- Cricket</li><li>- Volleyball</li><li>- Basketball</li><li>- Throwball</li><li>- Shotput</li><li>- Javelin Throw</li><li>- Discus Throw</li><li>- Running race</li><li>- Kho-kho</li><li>- Kabbaddi</li></ul>	<p>The practice is given on daily basis in the Morning and Evening hours. Sundays and Holidays are also made use of.</p> <p>Annual competitions are conducted at the time of celebration of annual day function every year.</p>	<p>All students encouraged to participate these activities. The name of outstanding performers are as under;</p>
<b>Indoor Games</b> <ul style="list-style-type: none"><li>- Carom</li><li>- Table Tennis</li><li>- Chess</li><li>- Badminton</li></ul>		



### Details of Students Participation in various sports events

Sl. No.	Event	Level	Name of the participants
1	Volley Ball	RGUHS ( University)	Mr. Muniraju Mr. Akshay Mr. Basavaraja R V Mr. Mohammed Shabeeb Mr. Mohammed Juniad Mr. Sameer Mr. Anukumar
2	Kabbadi	RGUHS ( University)	Mr. Lakshman Mr. Mahendra Mr. Krishnamurthy Mr. Vinay Mr. Jithendra Mr. Basavaraja Mr. Siddarath Mr. Maruthi
3	Chess	RGUHS ( University)	Mr. Murugesh V P
3	Football	RGUHS ( University)	Mr. Mohammed Shehin Mr. Shabeeb K V Mr. Abdul Basith P Mr. Nivil Joseph Mr. Akhil Joseph Mr. Nikhil S Tharakan Mr. Nitin Rajendran Mr. Mohammed Suhail Mr. Shakkir Ali Mr. Adarsh Mathew Mr. Nisamudheen Mr. Emesa Mr. Eleich Mr. Mohammed Shabeeb Mr. Muhsin

**List of cultural activities available to students**

<b>Cultural Activities</b>	<b>Calendar</b>	<b>Student's participation</b>
<b>Dance Competition</b> Classical Dance Western Dance Folk Dance Hip-hop Fusion  <b>Singing Competition</b> Group Singing Solo Singing  <b>Skit Competition</b>  <b>Extra-curricular activities</b> Rangoli Mehndi Hair-do Painting Salad Making Vegetable Carving Soap Carving One minute game Musical Chair Quiz Competition Dumb Charades Stalls	<p>The practice is given on daily basis in the Morning and Evening hours. Sundays and Holidays are also made use of.</p> <p>Annual competitions are conducted at the time of celebration of annual day function every year.</p>	<p>All students encouraged to participate in these activities.</p>

**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.**

<b>Level</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014-15</b>
University	--	01	01	01
State	--	--	--	--
Zonal	--	01	01	--
National	--	01	--	02
International	--	--	--	--

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

Yes, the Institution provides incentives to the participating persons in the form of- special leaves, registration charges, transport expenses, boarding charges and college appreciation.

**5.3.4 How does the institution involve and encourage its students to publish materials like catalogues, wall magazines, college magazine, and other material? List the major publications/ materials brought out by the students during the last four academic sessions.**

The college publishes the annual magazine, in which articles by students and faculty are published. This provides an opportunity to express themselves academically and artistically. The activities 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 organized by the college.

	2010	2011	2012	2013	2014-15
<b>Name of the college magazine</b>	Pharmafort	Pharmafort	Pharmafort	Pharmafort	Under progress

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

Yes, Students Committee is active in the Institution and performs many co-curricular and cultural activities. The college provides the funds for such activities. The committee involves all class representatives and the respective class teachers.

**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 the following academic and administrative committees with student representation.

Sl. No.	Name of the Committee	Activity
1	Anti ragging	Prevention of Ragging
2	Alumni	Career planning and development
3	Industrial Tour	Industry exposure
4	Cultural	Cultural activities
5	Sports	Sports activities
6	Library	Reading and referring
7	Placement	Placement of Job
8	Journal / News Letter	Publishing quarterly newsletter
9	NSS	Organize and conduct social service activities.
10	Student Grievance Cell	Redressal of grievance
11	Hostel	Management of Hostel
12	Recreation Activities	Organize recreational activities such as outings, excursions and games.
13	Welcome & Farewell	To organize freshers and farewell programmes.
14	Red Cross	Organizing blood donation camps
15	Environmental Committee	Cultivation and management of Medicinal garden
16	Student Feedback	Collect feedback from Students.
17	Museum	Management of Departmental Museums
18	Journal Club	Organize Journal club at departmental level.

All the committees conduct meetings and submit the proceedings to the principal for further action.

## **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 Statement**

To create human resources of global excellence in the field of Pharmaceutical Sciences, Research and Industry.

##### **Mission Statement**

- To create best infrastructure for the Pharmacy Education and Training.
- To train the students in Pharmaceutical Sciences and Practices for the local and global needs

##### **Goals and Objectives**

- To impart the job skills and research motivation in students to excel in all walks of life including the Pharmaceutical Sciences.
- To impart moral values, social responsibilities and attribute of students to make them good citizens.

#### **6.1.2 Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution's tradition and value orientations, its vision for the future, etc.?**

Yes, the Institution has formulated the vision and mission taking into account the needs of the students, industry and the community health care.

### **6.1.3 How is the leadership involved in**

#### **Developing e-Governance strategies for the institution?**

The e-governance strategies for the Institution have been developed by the Government of Karnataka, Government of India, Pharmacy Council of India, All India Council for Technical Education, Rajiv Gandhi University of Health Sciences and SJM Vidyapeetha. Most of the academic, administrative and public relation activities are being carried online.

#### **Ensuring the organization's management system development, implementation and continuous improvement?**

To ensure the continuous quality implementation in the governance of the Institution the Technical Up-gradation Committee is formed. The committee plans, recommends and provide feedback to Principal for necessary decision making. A centralised data base has been created in the Institution and disseminates the same to the sub units whenever needed. Suitable software's needed in this regard are installed in the office, departments and the library.

#### **Interacting with its stakeholders?**

The Institution has created a website, wherein the necessary information needed by the stake holders in pharmacy education has been uploaded and periodically revised. The provision is made to take feedback from stake holders and communicate the necessary information to them. Students, parents, authorities and other interested persons can access this website for their requirements. Besides, the Institution conducts periodical meetings of governing council, parents, faculty, students, alumni and others as and when needed. Community camps are organized at different places wherein surveys, counseling, examination and treatment are conducted by the Institution. Clinical treatment during camps is organised in collaboration with Basaveshwara Medical College Hospital and Research Centre, Chitradurga.

### **Reinforcing a culture of excellence?**

The Institution is committed towards the excellence in quality needed for the global practice. For this purpose, taking into consideration of the advancement in scientific, technical and socio-economic developments in various other institutions across India and abroad, the Institution has been striving hard to update its infrastructure, staff and students. The college building is renovated, instruments and equipments are added, office and administration is atomized, research activities are encouraged, extension programs are increased, faculty development workshops and conferences are conducted. This has resulted in creation of excellence in students and staff members in academics and other walks of life. The achievers in their respective fields are felicitated or rewarded.

### **Identifying organizational needs and striving to fulfill them?**

Institution is playing an active leadership role in developing governance strategies for smooth administration by installation and implementation of CCTV surveillance at all class rooms and at various accessible points.

The Institution collects information about the organization's needs and function through different ways. The Management supports the active participation of the staff in the process of decision-making. Institution makes arrangements to develop and implement Management information system on the lines of administrative requirements.

The arrangements have been made to interact with students, parents, Management, alumni to ensure their involvement to reinforce culture of excellence in our Institution periodically to render effective teaching and services for the community. The college has formed different committees with teaching and non-teaching staff. They play a vital role in planning and implementation of activities in different spheres of Institutions day to day functioning.

**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, such positions have been fallen vacant.

**6.1.5 Does the institution ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?**

Yes, it has been ensured from the point of view of smooth functioning and progress of the Institution. No instance of particular position falling vacant in any of the statutory bodies. Meetings are conducted regularly as per pre-prepared schedule.

**6.1.6 Does the institution promote a culture of participative management? If yes, indicate the levels of participative management.**

The Institution has initiated several measures to promote participatory management in its day to day functioning. The Governing Council of the college consists of peers from different walks of life. The Principal of the Institution is the Member Secretary with few experienced staff as members. Teaching and non teaching staffs are contacted at their respective meetings to take their suggestions and seek cooperation for over all developments of the Institution. Wherever it is found needed, students, parents, alumni's, local administration and people's leaders are made involved in committees, programs, camps, campaigns etc.

The SJM Vidyapeetha, the Management of the Institution inspires the staff members at staff meetings and through personal interaction to render their best in teaching assignments. The Principal communicate the decision of the Management to the teachers and staff to ensure that all the measures are implemented properly.



**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.**

The Rajiv Gandhi University of Health Sciences, to which the Institution is affiliated, has been encouraging the college to develop infrastructure; modernize the teaching, learning and evaluation activities supporting the research, consultancy, extension and publication activities and motivate the Institution to go for assessment accreditation by NAAC to attain the status of autonomy.

**6.1.8 Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?**

There is a provision in the Karnataka Universities Act to provide for conferment of degrees by autonomous colleges, deemed and private universities. Till date none of institutions under RGUHS, have availed this provision.

**6.1.9 How does the institution groom leadership at various levels? Give details.**

The Institution has its own policy and program to groom leadership at various levels of its administration. The Principal is made Member Secretary in the Governing Council, senior faculty members of departments are made as members students are taken as members in the various committees formed at the institutional level viz., cultural committee, sports committee, anti ragging committee, research, student welfare, social welfare, women cell welfare .

**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 internet facilities with unrestricted access to learners.**

**If yes, give details.**

Smart classrooms are created for effective teaching, learning, evaluation; office activities are computerized; e-administration is implemented; library is networked with helinet; Wi-Fi facility is provided for all the learners. Membership of helinet consortium of RGUHS has given access to e-sources (e-journals, e-books and e-videos) through static IP. A high speed internet broad band connection (4mbps) with static ip address provided at digital library which is dedicated only to access University digital library resources and other online journals.

**6.1.11 How are the following values reflected in the functioning of the institution?**

**Contributing to National development**

- Motivating students for rural services by conducting camps in the rural areas.
- Training the students in modern ways of Pharmacy Practice.
- Organizing various programs, where national developmental concerns are addressed.
- Involving them in organizing the programs on the occasions of National Festivals.

### **Fostering global competencies among students**

- Updating the infrastructures as per the requirement.
- Training the students in multiple exposures like operating instruments FTIR, UV etc., so that more students will get chance to handle the instruments independently.
- Use of internet based information for clarification, creating e- resources, organizing seminars, symposiums, group discussions.

### **Inculcating a sound value system among students**

The college organizes orientation programmes to familiarize students to the Institution's environment and the value system practiced. The calendar of events has many slots to promote values in both teachers and students.

These include, value of patience while dealing with patients; Institutional requirement to go to the root of illness; Considering the economic condition of the patient while treatment and acceptance of medical ignorance in patients and yet not refusing to counsel.

### **Promoting use of technology**

Teaching - learning mechanism is facilitated with the use of available ICT infrastructure of Institution. The advanced technology in patient care and teaching are adopted by the Institution.

### **Quest for excellence**

The Institution has a well established and active Continuous Pharmacy Education (CPE) unit which trains faculty in Pharmacy education, motivate students to excel in the academics and other skills, it also encourages them to participate in State, National and International competitions.

**6.1.12 Has the institution been indicted / given any adverse reports by National Regulatory bodies? If so, provide details.**

No, such instances have been there in the past.

**6.1.13 What are the projected budgetary provisions towards teaching, health care services, research, faculty development, etc.?**

The following table gives the budget plan for the academic year 2015-16.

S.N	Payments	2015-16 Budget Plan
01	Salary	1,30,78,169.00
02	Affiliation Fee	7,19,500.00
03	Repair and Maintenance	7,00,000.00
04	Office and Administration Exp	22,36,799.00
05	Other Expenses	4,08,360.70
06	Tuition fee refund and other fee exp	41,66,373.20
07	Interest on Building loan	1,77,603.30
08	College building construction work	44,50,000.00
09	Research activities and Teaching innovations etc.,	27,50,000.00
10	Net Surplus	4,86,195.00
	<b>Total</b>	<b>2,91,73,000.00</b>

Sl. No.	Receipt	2015-16 Budget Plan
1	Fees collections	28,973,000.00
2	Bank Interest	20,000.00
3	Other Fee	180,000.00
	<b>Total</b>	<b>29,173,000.00</b>

**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
- Teaching and learning activities
- Research and development
- Community engagement / outreach activities
- Human resource planning and development

- **Industry interaction**
- **Internationalization**

### **Vision**

To create human resources of global excellence in the field of Pharmaceutical Sciences, Research and Industry.

### **Mission**

- To create best infrastructure for the pharmacy education and training.
- To train the students in Pharmaceutical Sciences and Practices for the local and global needs

- **Teaching and learning activities**

The Institution has a perspective plan. Creation of smart classroom, e-resources, remedial classes for slow learners, skill development programme includes personality development;

- **Research and development**

Establishing the research centre, encouraging the faculty to register for Ph.D program, encouraging students to take up project works, publication of papers by faculty and students, enhanced research and development activities at the institution

- **Community engagement / outreach activities**

Conducting of health camps, Continuing Pharmacy Education (CPE) Programs and other extension activities in the district in cooperation with Basaveshwara Medical College and District administration.

Started a Drug Information Centre in Basaveshwara Medical College Hospital and Research Centre by conducting camps we are motivating, educating and creating awareness of the Pharmacy among the community. College has provided patient counselling in order to assist in our outreach activities.

- **Human resource planning and development**

Recruiting the faculty and staff as needed in the Institution based on the assessment of requirement and norms of AICTE, PCI and RGUHS. Periodical training to both teaching and non teaching staff to keep them abreast with the recent development in the field of Pharmacy education and practice.

- **Industry interaction**

Institution-Industry interaction is being maintained for extending collaborative research and training for Pharmacy students where they are exposed to working environment.

- **Internationalization**

The Institution conducts activities to develop the students and faculties to cater the global needs. They are encouraged through exposure training and global contacts to develop themselves for their global practice. They are made to take part in the international conferences. Admissions to all programs are open for international students.

**6.2.2 Describe the institution's internal organizational structure (preferably through an organogram) and decision making processes and their effectiveness.**

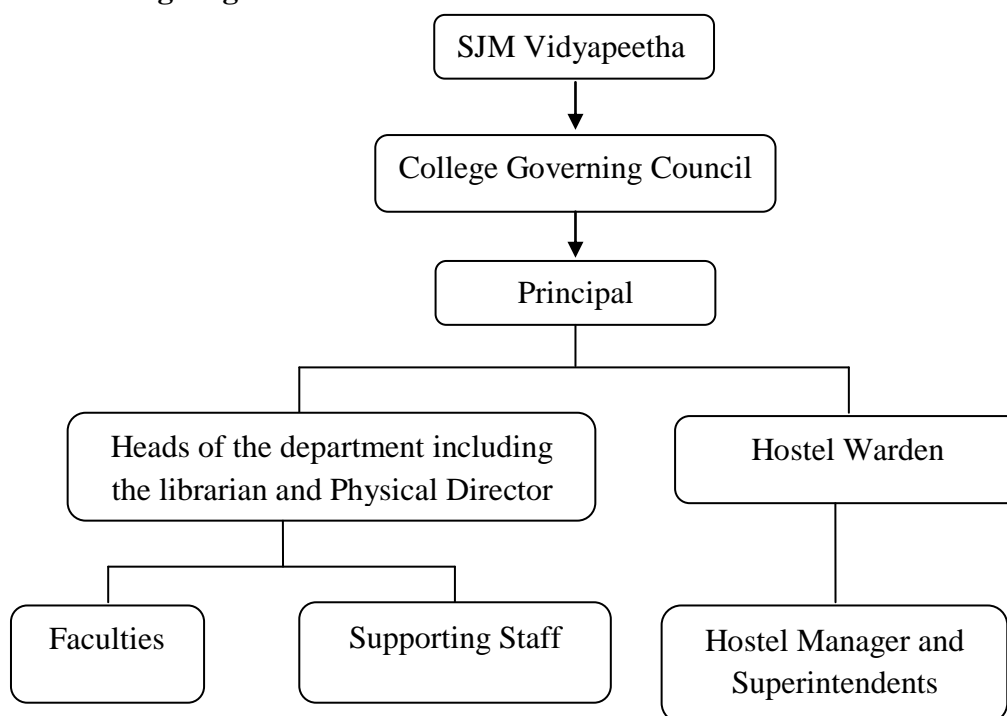
- **Is there a system for auditing health care quality and patient safety? If yes, describe.**
- **How often are these review meetings held with the administrative staff?**

One care is exercised by all our faculty members while rendering Pharmacy Practice in a qualitative way by keeping patient safety in mind and the same will be reviewed in the meetings arranged by Patient Welfare Committee held periodically with the administrative staff.

This activity is taken care of by the associated hospital that is, Basaveshwara Medical College Hospital and Research Centre.

The review meeting with administrative and academic staffs are held twice a year. In the beginning of the year all planed activities are discussed. In the middle, half yearly review is made. In the end of the year, evaluation of activities shall be made.

#### **Organogram of the Institution**



#### **6.2.3 Does the institution conduct regular meetings of its various Authorities and Statutory bodies? Provide details.**

Yes, the details of meeting proceedings of Governing Council, College Council and other Committees are maintained in the form of documents like Resolution Book, work done status etc., at the Institution.

#### **6.2.4 Does the institution have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?**

Yes, the Institution has a formal policy to ensure quality. These policies are formulated by Management and the Principal after discussing the same at respective committee meeting at different point of time during the academic year. It is reviewed through regular meetings and interactions with Head of the Departments.

**6.2.5 Does the institution encourage its academic departments to function independently and autonomously and how does it ensure accountability?**

Yes, the academic freedom is ensured for the individual departments and the faculty members. They discuss about the academic and supportive program and contribute for preparation of consolidated academic calendar of the Institution. They are free to procure the machines and equipments including their day to day requirements as per the guidelines of SJM Vidyapeetha. The annual increments of salary or promotions of the faculty are based on their individual performance. Each teacher is made accountable for students tests on their performance.

**6.2.6 During the last four years, have there been any instances of court cases filed by and / or against the institution? What were the critical issues and verdicts of the courts on these issues?**

No, till date the Institution does not have any instances of court cases.

**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 stake holder-relationship?**

The Institute has constituted a Grievance Redressal Committee. This committee, discuss the matter with Principal to solve the problems.

The women tutors take care of grievances and other needs of girl students. Provision has been made to collect grievances from students through complaint box. The received complaints are addressed accordingly by respective committees.



**6.2.8 Does the institution have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?**

Yes, the institute has a clearly set and defined mechanism for quality of obtaining the feedback from students to improve their performance, teaching and learning in the Institution.

The academic committee consisting of senior teachers collects the exit level feedback from graduates regarding the shortfalls in the Institution.

The inputs are obtained from them are further used to improvise the overall competency of the students and campus development.

**6.2.9 Does the institution conduct performance audit of the various departments?**

Yes, the Institution conducts performance audits of the various departments.

Few broad criteria includes:

Monthly reports; Academic performance reports of various levels of B.Pharm, M.Pharm and Pharm.D programs; income generated by different departments through consultancy and grants.

**6.2.10 What mechanisms have been evolved by the institution to identify the developmental needs of its affiliated / constituent institutions?**

Not applicable. The Institution itself is the affiliated college of Rajiv Gandhi University of Health Sciences, Bangalore.

**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, the Institution and the hospital have their own websites - [www.sjmcp.org](http://www.sjmcp.org) and <http://www.bmchchitradurga.org/>. These websites are updated regularly with the special programmes conducted in the year, the details regarding faculty and their area of specialization etc.

### **6.2.12 What are the feedback mechanisms and documentations to evaluate the outcomes of these exercises?**

The feedback obtained from students, parents, faculty and patients related to various aspects are consolidated and provided to the concerned committees for further action. The corrective measures decided at the meeting will be executed in the Institution under the supervision of Principal and faculty under the directions of Management. Besides, the periodical review of action taken in this regard will also be discussed in the respective committee meetings.

## **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 encourages the faculty to enrich themselves with regard to their teaching quality as warranted by slow learners and challenging students by attending seminars, symposiums conferences, project works, research activities etc.

The college itself conducts various programs like seminars, conferences and workshops where in the faculty of the Institution actively participate.

Training for non teaching staff has been conducted in the areas like basic computer knowledge, office automation etc.

### **6.3.2 What is the outcome of the review of various appraisal methods used by the institution? List the important decisions.**

Some of the outcomes of the appraisal methods followed in the Institution are as under.

- The Management became alert in addressing the requirements listed by the Institution through the mechanism of various feedbacks.

- The infrastructure has been upgraded, largely with regard to teaching, learning and evaluation with the use of ICT.
- Faculty developmental programs have been conducted to update the faculty.
- Research, consultancy and extension activities are taken up.
- The average result in the examinations has been increased.

**6.3.3 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have benefitted from these schemes in the last four years? Give details.**

The following measures are taken to ensure the welfare of both teaching and non teaching staff:

- Employee Provident fund, ESI, Employee Welfare fund.
- Medical benefits to employees.
- Encouragement to attend workshops and conferences.
- Benefits like academic leave and maternity leave.
- Personal / Housing / Vehicle / marriage loans are provided by SJM Credit Co-operative Society.

**6.3.4 What are the measures taken by the institution for attracting and retaining eminent faculty?**

All efforts are made by the Institution for attracting and retaining eminent faculty which includes, handsome salary, according to their qualification and experience; PF, academic leave, maternity leave, training programs like seminars and workshops; motivation to attend national / international conferences, promotional avenues etc.

**6.3.5 Has the institution conducted a gender audit during the last four years? If yes, mention a few salient findings.**

Yes, Gender audit has been conducted during the last four years. No untoward events are reported.

**6.3.6 Does the institution conduct any gender sensitization programs for its faculty?**

As a part of gender sensitization programme, women employees in the Institution are made aware of their rights, status, socio-cultural responsibility etc.

**6.3.7 How does the institution train its support staff in better communication skills with patients?**

Support staff are provided with training for better communication skills to deal with patients by their respective Head of the Departments.

**6.3.8 Whether the research interests of teaching faculty are displayed in the respective departments?**

Yes, the arrangement has been made to display the research progress and results in the notice board and in the website of the Institution.

**6.3.9 Do faculty members mentor junior faculty and students?**

Yes, the senior faculty act as mentors for their junior colleagues and students which helps for the betterment of Institution quality.

**6.3.10 Does the institution offer incentives for faculty empowerment?**

Yes. The following are the some of the incentives.

- Granting salary advance.
- Financial assistance for those attending national / international conferences.
- Faculties are provided computers in their respective department.

## **6.4 Financial Management and Resource Mobilization**

### **6.4.1 What is the institutional mechanism available to monitor the effective and efficient use of financial resources?**

The mechanism for financial management of the Institution is defined as per the requirement of effective financial management. The SJM Vidyapeetha is the Apex Authority which ultimately controls the finance issues. These are discussed at the Governing Council meeting. The finance committee specially formed in this regard estimates the annual capital and revenue expenditure requirements based on the annual development plan. Estimations collected from the departments are consolidated to prepare Annual Financial Plan and Budget. Accounting activities are computerized. Annual audit of accounts is carried on as a mandatory requirement. Receipts & Payment Accounts, Income & Expenditure Accounts and Balance Sheets are the types of account which are being maintained. Every financial transaction is through the vouchers. Amount collected are duly deposited in the bank and recurring and non-recurring expenditures are made through cheques only, signed by the authorized persons.

### **6.4.2 Does the institution have a mechanism for internal and external audit? Give details.**

Yes. Internal audit is organized on the line of a continuous audit. Internal check of financial transactions is ensured in the very process of financial transaction. External audit is conducted by the external auditor of SJM Vidyapeetha.

### **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 accounts are audited regularly and annual financial statements are prepared. There have been no audit objections in the past.

**6.4.4 Provide the audited statement of accounts with details of expenses for academic, research and administrative activities of the last four years.**

Audited financial statements income & expenditure account and balance sheets for the past four years are enclosed in the **annexure no. IP-6**.

**6.4.5 Narrate the efforts taken by the institution for resource mobilization.**

The SJM Vidyapeetha and the Institution have initiated measure to increase annual revenue by way of increased fee on the seats under management and institution quota. The Government of Karnataka, that is the higher education department, determines the fees for the students taking CET quota and management seats. Hospital earnings have also been planned with annual increase of rates.

**6.4.6 Is there any provision for the institution to create a corpus fund? If yes, give details.**

Institution has no provision to create corpus fund.

**6.4.7 What are the free / subsidized services provided to the patients in the hospital?**

These are the free / subsidized services provided to the patients in the hospital. It includes;

- Free patients counseling
- Free drug information services to the patients.
- Suspected adverse drug reaction alert card to the patients.

**6.4.8 Does the institutions receive fund from philanthropic organizations / individuals towards patient care? If yes, give details.**

No such funds have been received in the past four years.

**6.4.9 Do patients from other states / abroad come for treatment, reflecting the unique quality health care provided by the institution?**

Yes, patient from other states do visit associate hospital as it render quality health care, keeping in mind the social concern.

**6.5 Internal Quality Assurance System**

**6.5.1 Does the institution conduct regular academic and administrative audits? If yes, give details.**

Yes, the Institution conducts regular academic and administrative audit every year. The Academic committee conducts audit of academic performance of students, faculty and Institution. The deviations or observations which need quick attention are addressed accordingly.

**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 Institution is affiliated with the Rajiv Gandhi University of Health Sciences, Bengaluru and the observations of Annual Local Inspection Committee are attended to accordingly. The results of students are analyzed for the betterment of their overall performance.

Institution has taken certain measures for its academic and administrative developments. These includes personal attention and tutoring for average and below average students; addition of latest text / reference books to the library; exposing the faculty members to involve themselves in ICT enabled teaching learning process; slow learners are identified and they are helped with special coaching and additional learning resources similarly, the challenging students also.

**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?**

Institution has constituted an Academic Committee which acts as a central unit mandated to review the teaching and learning process in the Institution.

This committee consists of Principal as Chair person and Head of the Departments are members. Principal collects relevant academic record from faculty in order to check the academic progress of the students. Counseling facility is arranged for slow learners. Parents of such students are called to meet their respective faculty member and mentor whenever needed.

**6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?**

The IQAC will be constituted after first accreditation by NAAC; Presently the Governing Council of the college is taking care of these activities.

**6.5.5 How many decisions of the IQAC have been placed before the statutory authorities of the institution for implementation?**

Since the IQAC is not started in the Institution, all aspects are brought before the Governing Council at their periodical meeting.

**6.5.6 Are external members represented in the IQAC? If so, mention the significant contribution made by such members.**

Not applicable

**6.5.7 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?**

Not applicable



**6.5.8 Are there effective mechanisms to conduct regular clinical audit of the teaching hospital? Give details.**

This is done by the concerned authority at Basaveshwara Medical College Hospital and Research Center. The Finance Committee of the Institution's takeing care of the audit of financial activities.

**6.5.9 Has the institution or hospital been accredited by any other national / international body?**

The institution is going for NAAC assessment for accreditation for the first time.

**6.5.10 Does the hospital have institutional and individual insurance schemes to cover indemnity claims?**

The hospital has insured its assets and properties. For individual insurance schemes, the employees themselves are insured with Life Insurance Corporation of India. The premium of the respective employee is deducted from his / her salary and paid to LIC.

## **CRITERION VII: INNOVATIONS AND BEST PRACTICES**

### **7.1 Environment Consciousness**

#### **7.1.1 Does the institution conduct a Green Audit of its campus?**

Yes, the Institute conducts Green Audit of its campus.

Environment Development Committee is formed in college which meets periodically and takes necessary decision about the implementation of eco-friendly activities in and outside the college campus. Cleanliness is ensured besides hygienic measures. Disposal of waste generated on day to day basis has been arranged as per norms of Department of Environment, Government of Karnataka and Government of India. Activities related to awareness building in students and general public have been conducted by the college unit of NSS and Environmental Committee. Medicinal garden as needed by the curriculum has been developed in the campus.

#### **7.1.2 What are the initiatives taken by the institution to make the campus eco-friendly?**

- **Energy conservation**
- **Use of renewable energy**
- **Water harvesting**
- **Solar panels**
- **Efforts for carbon neutrality**
- **Plantation - Botanical or Medicinal significance**
- **Bio-hazardous waste management**
- **E-waste management**
- **Effluent treatment and recycling plant**
- **Recognition / certification for environment friendliness**
- **Any other (specify)**

Sl. No	Particulars	Action taken
01	Energy conservation	Class rooms and laboratories are well designed for proper natural lighting and ventilation, which helps a lot in conservation of electricity. Bulbs and tube lights are replaced by LED bulbs to minimize the usage of electricity.
02	Use of renewable energy/Solar panels	Solar panels are installed on a small scale which is used for heating water in the laboratory.
03	Water harvesting	Rain water harvesting activity has been initiated consulting with local expert. Recharge of bore wells on and off campus initiated.
04	Efforts for carbon neutrality	The campus has rich resource of plantations, which neutralizes the emitted carbon.
05	Plantation- Botanical or Medicinal significance	In association with Sri Raghavendra Ayurvedic Medical college, Malladihally, and SJM English Medium residential school, Chitradurga, botanical and medicinal garden has been maintained.
06	Bio-hazardous waste management	In collaboration with Basaveswara Medical College & Hospital, Chitradurga, waste disposal system has been practiced. For waste disposal, MoU has been done with local municipal corporation.
08	E-waste management	E waste generated is very negligible since large number of computers are not required. However, some of them are disposed through buy back method following annual purchase methods.

09	Effluent treatment and recycling plant	The effluent generated is very less and is taken care by the campus maintenance authority of SJM Vidyapeetha.
10	Recognition / certification for environment friendliness	This has been ensured by periodical visit of District Officers from the Department of Environmental Sciences, Government of Karnataka.
11	Any other (specify)	–

**7.1.3 How does the institution ensure that robust infection control and radiation safety measures are effectively implemented on campus?**

The college takes at most care regarding the chemicals or other materials which are hazardous in nature. Specific hazards warning labels for chemicals including harmful, irritant, inflammable solvents, carcinogenic agents are also displayed in various departmental laboratories, specifically in Pharmaceutical Chemistry as well as in chemical store. Awareness is created among students about the hazardous substances and they are instructed strictly to wear apron, mask, head cap & spectacles to avoid accidents in the laboratories. Exhaust fans and fuming cupboard are arranged in the chemistry laboratory in order to remove gases and odorous chemicals. Fire extinguishers are installed in every floor to protect from the fire hazards. Students and staff members are trained in current Good Laboratory Practice (cGLP) to overcome disasters in the laboratory by taking personnel hygienic care to protect themselves and collectively.

**7.1.4 Has the institution been audited / accredited by any other agency such as NABL, NABH, etc.?**

Not yet. This NAAC assessment is the first exercise.

## **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 Institution follow curriculum designed by RGUHS, Bangalore and also as per the norms of PCI & AICTE. However, the college administration plans & implements many innovative practices to upgrade the educational system like students monitoring, bridge courses, personality development programmes etc., which includes communication skill development and career planning. Student, parents and stake holder's feedback taking system is developed.

Use of ICT in teaching, learning, evaluation, office administration, library etc., has been ensured in the College.

## **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.**

The two best practices that have contributed to better academic and administrative functioning of the Institution are

- I. Use of ICT in teaching and administration.
- II. Personality Development Program.

#### **I. Use of ICT in teaching and administration**

**1. Title** : Use of ICT in teaching and administration

#### **2. Objectives of the Practice:**

The use of ICT in teaching and learning used to make the teaching activity effective and learning activity attractive.

### **3. The Context**

Student from different languages and IQ background have little knowledge about computers. Faculty is not exposed to the use of ICT in teaching. Office staff is reluctant to shift from old methods to ICT related progress.

### **4. The Practice**

As a necessary requirement, the students and faculty are trained to use of computers, LCD projectors and smart boards. The Institution has trained to atomize the office function and library activities. Computers are installed, CC cameras are provided wherever needed.

### **5. Evidence of Success**

Faculty has learnt to use the ICT means in their teaching, which has been found more attractive to students. Students are well verse in PowerPoint presentations in seminars, learnt the skill of downloading, learning resources from INTERNET and exposed to e-library.

### **6. Problems Encountered and Resources Required**

No problems have been encountered in mobilizing the resources for this purpose since the Institution makes the provision for these in the annual budget. In all, during past four years, the total amount spent on ICT infrastructure is about 30 lakhs.

### **7. Notes**

Optional.

## **II. Personality Development Program**

**1. Title of the Practice** : Personality Development Program

### **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)?**

The Institution is run by a religious head **Dr. Shivamurthy Murugha Sharnaru**, the present Pontiff of SJM Bruhanmutt, who always help the staff and students in solving their problems by conducting personality development program in the beginning of the academic year with an objective of making the students responsible citizens. This has made a major impact on students community to respect each others in the system. Students develop their mind set with higher goals hence attending classes, seminars and community practices regularly involving themselves in various activities of the college.

### **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 college has student community from diversified geographical area, different languages, caste, customs, and food habits who initially feel difficulty in understanding the objectives and following them. However, the senior students take the responsibility to make fresh students understand the concept.

#### **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 has contributed for inclusive the development in all walks of life of pharmacy graduates. The cultural diversity is accepted and respected.

#### **5. Evidence of Success**

**Provide evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words.**

The academic performance of the students has been increased as a result of implementation of this program. For example, the average result of the college in 2011-12 was 58% and 2014-15 is 63%. Therefore, the percentage of increase is 5%. The student's participation in community camps, rallies, sports and cultural competitions including industrial visits etc., has been increased.

The students and faculty have taken interest to participate in state, national and international level conferences. They have learnt the trait of making the projects, preparation of papers and presentations of results. The communication skill level of students and faculty has been increased. The environmental awareness, waste management tactics, punctuality in attendance and humanity in approach has been learnt.

#### **6. Problems Encountered and Resources Required**

**Identify the problems encountered and resources required to implement the practice (in about 150 words).**

The only problem encountered was the initial resistance and avoidance by students and faculty encountered by taking them into confidence, convincing them about results, making them to understand about the future utility. The resources for these programs have been fully provided by the college.



**Any other information regarding Innovations and Best Practices which the institution would like to include.**

**Implementation of Yoga and Meditation.**

Yoga and meditation are the ancient practice which keeps one's body fit and healthy. It is an approach to train the mind, similar to the way that fitness is an approach to training the body. The Institution implemented the practice of concentrative meditation technique which has changed the mindset, effectiveness of work, relationships and general happiness. It has contributed for overall development in every aspect of students, faculty and staff's day to day life.

## Evaluative Report of the Department of Pharmaceutics

**1. Name of the Department :** Pharmaceutics

**2. Year of establishment :** 1985

**3. Is the Department part of a college/Faculty of the university?**

Yes, the department of Pharmaceutics is part of College.

**4. Names of programs offered (UG, PG, Pharm.D, Integrated Masters; M. Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)**

Our Institution offers D. Pharm, B.Pharm, Pharm. D, Pharm. D (PB), M. Pharm (Pharmaceutics, Pharmacology and Pharmaceutical Chemistry), Ph.D (Pharmacology).

**5. Interdisciplinary programs and departments involved.**

M. Pharm with Pharmaceutical Chemistry and Pharmacology

**6. Courses in collaboration with other universities, industries, foreign institutions, etc.,:**

Nil

**7. Details of programs discontinued, if any, with reasons:**

Nil

**8. Examination System: Annual/Semester/Trimester/Choice Based Credit System**

Annual Examination System

**9. Participation of the department in the courses offered by other departments.**

Nil

**10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

<b>Designation</b>	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	01	01	01
Associate Professor/Reader	00	00	-
Assistant Professor	01	03	03
Lecturer	02	-	-
Tutor / Clinical Instructor	-	-	-
Senior Resident	-	-	-

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of Years of Experience</b>
Dr. Nagaraja. T.S.	M. Pharm., Ph.D	Professor and HOD	Pharmaceutics	17 Years
Dr. Snehalatha	M. Pharm., Ph. D	Assistant Professor	Pharmaceutics	12Years
Mrs.Lakshmi Radhika	M. Pharm.,	Assistant Professor	Industrial Pharmacy	12Years
Mr. Taresh .S	M.E	Lecturer	Mechanical Engineering	22 Years

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

**Adjunct Faculty**

Dr.Thimmashetty,  
Professor,  
Bapuji College of Pharmacy,  
Davanagere.

**13. Percentage of classes taken by temporary faculty – program-wise information**

Nil

**14. Program-wise Student Teacher Ratio :**

Course	Theory	Practical
B.Pharm	60:1	20:1
Pharm.D	30:1	30:1
Pharm.D Post Baccalaureate	10:1	10:1
M. Pharm (Pharmaceutics)	10:1	10:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Lab Technician	01 -each department	01 -each department	01
Laboratory Assistants	01- each department	01- each department	01
Office Superintendent	01	01	01
Accountant	01	01	01
Computer Data Operator	01	01	01
FDA	01	02	02
Peon	2	2	02
Cleaning Personal	Adequate	4	04
Gardener	Adequate	3	03

**16. Research thrust areas as recognized by major funding agencies**

Enhancement of Solubility, Dissolution and Bioavailability of poorly soluble Drugs

**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.**

<b>Faculty</b>	<b>Title of the Project</b>	<b>Funding Agency</b>	<b>Amount Granted</b>
Dr. Yogananda R	Factorial and Formulation studies on Enhancement of Solubility, dissolution Rate and Bioavailability of BCS-Class II Anti-Retroviral Drug Employing Cyclodextrin and Solutol HS-15.	Vision Group of Science and Technology, Govt. of Karnataka	Rs. 30 Lakhs

**18. Inter-institutional collaborative projects and associated grants received**  
**a) National collaboration b) International collaboration**

Nil

**19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

VGST grant Rs. 30 Lakhs

**20. Research facility / centre with**

- **state recognition** : Yes
- **national recognition** : Yes
- **international recognition** : No

**21. Special research laboratories sponsored by / created by industry or corporate bodies :**

Nil

## 22. Publications:

- Number of papers published in peer reviewed journals (national / international)

National	: 30
International	: 02
- Monographs
- Chapters in Books : nil
- Books edited : nil
- Books with ISBN with details of publishers : nil
- Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) : All
- Citation Index – range / average : 14
- SNIP
- SJR
- Impact Factor – range / average : 0.2- 1.0
- h-index : 14

**23. Details of patents and income generated** : Nil

**24. Areas of consultancy and income generated** : Nil

**25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad**

Nil

**26. Faculty serving in**

- a) National committees b) International committees c) Editorial Boards d) any other (specify)**

01 – Indian Journal of Drug Development and Research.

**27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).**

The faculty of our department participates in various workshops, training programs, Scientific and research conferences to update their skills and knowledge.

**28. Student projects**

- percentage of students who have taken up in-house projects including inter-departmental projects -95.8%
- percentage of students doing projects in collaboration with other universities / industry / institute -4.2%

**29. Awards / recognitions received at the national and international level by**

- Faculty -
- Doctoral / post doctoral fellows -
- Students -

**30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

RGUHS Funded Seminar on “Modern Pharmaceutical Technology and Career Opportunities – an overview” .

By: Mr. Krishna Kumar, Manager, Biocon Limited, Bangalore on 05/04/2014

**31. Code of ethics for research followed by the departments-**

IAEC under CPCSEA, Animal Welfare Division, Government of India.

**32. Student profile program-wise:**

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
<b>B.Pharm</b>					
2011-12		08	05	25	80
2012-13		11	07	63	57
2013-14		27	19	59	73
2014-15		47	13	38	69
<b>Pharm.D</b>					
2011-12		08	19	~ 90%	~ 95%
2012-13		10	20	~ 95%	~ 95%
2013-14		08	22	~ 98%	~ 98%
2014-15		11	18	~ 80%	~ 90%
<b>M. Pharm</b>					
2011-12		02	01	100%	100%
2013-14- Regular		04	-	100%	-----



### 33. Diversity of students :

<b>Name of the Program</b> (refer to question no. 4)	<b>% of students from the same university</b>	<b>% of students from other universities within the State</b>	<b>% of students from universities outside the State</b>	<b>% of students from other countries</b>
<b>B.Pharm</b>				
2011-12	NA	NA	NA	32%
2012-13	NA	NA	NA	12%
2013-14	NA	NA	NA	00%
2014-15	NA	NA	NA	00%
<b>Pharm.D</b>				
2011-12	NA	NA	NA	00%
2012-13	NA	NA	NA	00%
2013-14	NA	NA	NA	05%
2014-15	NA	NA	NA	13%
<b>Pharm. D (PB)</b>				
2012-13	00%	00%	100%	00%
2013-14	50%	00%	50%	00%
2014-15	100%	00%	00%	00%
<b>M. Pharm</b>				
2011-12	100%	00%	00%	00%
2013-14	100%	00%	00%	00%

### 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.

01 - GPAT (2013)

### 35. Student progression

Student progression	Percentage against enrolled
UG to PG	37 %
PG to M.Phil, DM / M Ch / DNB	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	100%
• Campus selection	
• Other than campus recruitment	
Entrepreneurs	-

### 36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	66%
from other universities within the State	Nil
from universities from other States	34%
from universities outside the country	nil

### 37. Number of faculty who were awarded M. Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

Three (03) were awarded Ph.D

### 38. Present details of departmental infrastructural facilities with regard to

- a) Library : Yes
- b) Internet facilities for staff and students: Internet facility is available in digital library and also the college is equipped with Wi-fi facility.
- c) Total number of class rooms : 09
- d) Class rooms with ICT facility and 'smart' class rooms : 01
- e) Students' laboratories : 03
- f) Research laboratories : 01

### 39. List of doctoral, post-doctoral students and Research Associates

- a) From the host institution/university : Nil
- b) From other institutions/universities : Nil

**40. Number of post graduate students getting financial assistance from the university.**

Nil

**41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.**

Nil

**42. Does the department obtain feedback from**

**a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**

Yes, the feedback regarding the progress of students, requirement of infrastructure is taken from the faculty. The feedback from faculty is assessed and reviewed by HOD and Principal. Needful action is taken.

**b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Yes the feedback regarding the teacher's and institution infrastructure is obtained from students. The feedback from students is assessed and reviewed by Faculty, HOD and Principal. Needful action is taken

**c. Alumni and employers on the programs offered and how does the department utilize the feedback?**

Feed backs are collected during alumni meet conducted every year. The information regarding the implementation of latest trends like nanoparticles, dendrimers, herbal formulations and necessary reforms are made after discussion with Principal and Management.

**43. List the distinguished alumni of the department (maximum 10)**

- Mr. Rakesh Gowda
- Mr. K R K Sumanth
- Mr. B. Uma Sagar reddy
- Mr. Mahanthesh M.K.
- Mr. Santhosh Verma
- Mr. V. Naveen Kumar
- Mr. Sharma Sanketh
- Mr. Suresh kumar
- Mr. Suresh babu J N
- Mr. Patel Bhavik

**44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.**

Sl. No	Name	Date	Topic
1.	<b>Dr. Srinivas Mutalik</b> , Prof, Dept. of Pharmaceutical Technology, Manipal University, Manipal, Karnataka.	29/11/11	Nano technology and Dendrimers
2.	<b>Dr. Subramanian Natesan</b> , Asst. Prof, Dept. of Pharmaceutical Technology, Anna University, Tiruchirapalli, Tamilnadu	07/06/12	Technological Advancements in Transdermal Drug Delivery Systems.

**45. List the teaching methods adopted by the faculty for different programs including clinical teaching.**

- Lecture method to teach using power point, black board and charts for theoretical aspects
- Workshops, industrial training and industrial trips method to teach practical aspects.

**46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?**

- Weekly viva-voce is conducted to individual students during practical.
- Regular plenary and seminar sessions are conducted.
- Three Internal Assessment Exams are conducted by dividing the academic year into three equal sessions.

**47. Highlight the participation of students and faculty in extension activities.**

The faculty and students are actively involved in

- Organizing scientific seminars, conferences.
- Community services such as health awareness programmes in rural areas.
- Students participate in University level and institutional level sports and cultural competitions.
- Faculty, by attending QIP Programmes, workshops and seminars.

**48. Give details of “beyond syllabus scholarly activities” of the department.**

- The faculty and students participate in various research conferences and present their research work.

**49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.**

Nil

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

The faculty and students are involved in

- Design & evaluation of microsphere hydrogel and floating tablets.
- Formulation & development of buccal drug delivery system
- Design, characterization of anticancer nanoparticles, Transdermal patch
- Formulation and evaluation of floating drug delivery system.
- Design, development & evaluation of orodispersible tablets.

## **51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

### **Strengths**

- **Highly qualified, experienced and committed teaching faculty.**

The faculty members are highly qualified, experienced and dedicated towards their teaching.

- **Healthy Teaching Environment**

The faculty members have maintained a very healthy teacher-student relationship, where as the students feel free to interact with the teachers to discuss the subject issues after class hours.

- **Surplus number of text books, journals and online resources.**

The college has procured all the titles with surplus numbers required to teach and learn the different subjects of the department.

The Institution has subscribed to many offline good quality research journals and also has subscribed to online journal resources provided by the digital library of Rajiv Gandhi University of Health Sciences, Bangalore.

- **Optimum lab facilities to teach UG and PG students and also to carryout research work.**

The laboratories of the department are well equipped to train D. Pharm, B.Pharm, M. Pharm, Pharm.D and Pharm.D (PB) students. The research lab of this department is also well equipped with sophisticated instruments.

- **Research Activities**

All the faculty members are actively involved in research activities and they have published their research work in peer reviewed journals and the faculty members participate in scientific conferences, workshops and symposiums to present their research work and to upgrade their skills and knowledge.

### **Weakness**

- The department has to establish collaborative research work with industries and institutes.
- The lack of digital research lab has been a hinderance to carryout advanced research activities.
- The department has to establish industrial and corporate internship programs to make students employable.
- The department lacks sophisticated instruments such as Stability chamber, HPLC, SEM, TEM and DSC.
- Pilot Plant Unit etc., to carryout advanced research activities.

### **Opportunities**

- There is an important need in the development of new drug delivery systems for the treatment of various infectious diseases such as TB, Dengue, Malaria etc.,
- Development of Targeted Drug Delivery systems to the cancer and such diseases.
- To develop the new dosage forms this will be economical and patient friendly.
- Inventing new excipients having multifunctional and economical to develop formulations.
- To equip the students up-to date knowledge in the Formulation, Production and Research.

## Challenges

- **Up-gradation of skills and knowledge**

We being in one of the fastest technologically growing era, the faculty members face a stiff challenges in updating themselves with newer skills and knowledge so as to train the students for the present day requirements.

- **Teaching Students from Diverse Cultures and Areas**

The students in the institute come from various countries such as Nepal, UAE etc., and from various states of India such as Andhra Pradesh, Uttar Pradesh, Kerala, Tamil Nadu, Gujarat etc., teaching a diverse set of has students is a bigger challenge to the faculty members as language and student lifestyle being a major cause of concern to be addressed.

- **Research Work**

Reaching out for the upgraded research facility is a major challenge in this department, as it become virtually impossible to develop all the required research facilities in a single organization.

- **Management of Infrastructure**

As the instruments, labs and classrooms are upgraded continuously, management of this infrastructure to its best requires efficient and skilled support staff.

- **Curriculum Management**

The curriculum should be designed keeping in mind to train the students with the most updated skills and techniques available in the area of Pharmaceutical Chemistry. To balance the bulk of curriculum and fully updated curriculum has become a major challenge.

## 52. Future plans of the department.

- To establish pilot plant set up
- To establish Sophisticated Instrument Lab.
- To start Ph.D Program.
- To start a PG programme in regulatory affairs, industrial pharmacy, pharmaceutical technology.



## Evaluative Report of the Department of Pharmacology

1. **Name of the Department** : Pharmacology

2. **Year of establishment** : 1985

3. **Is the Department part of a college/Faculty of the university?**

Yes, the department of Pharmacology is part of College.

4. **Names of programs offered (UG, PG, Pharm.D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)**

Our Institution offers B.Pharm, Pharm.D, Pharm.D (PB), M. Pharm (Pharmacology, Pharmaceutical Chemistry, Pharmaceutics), Ph.D in Pharmacology.

5. **Interdisciplinary programs and departments involved.**

M. Pharm in Pharmacology with Department of Pharmacy Practice, Pharmacognosy, Pharmaceutical Chemistry and Pharmaceutics.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**

Not Applicable

7. **Details of programs discontinued, if any, with reasons**

Nil

**8. Examination System: Annual/Semester/Trimester/Choice Based Credit System**

As per Rajiv Gandhi University of Health Sciences, Bangalore, annual examination system is followed.

**9. Participation of the department in the courses offered by other departments.**

The department is involved with department of Pharmacognosy, Pharma chemistry, Pharmacy Practice and Pharmaceutics.

**10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	2	2
Associate Professor/Reader	-	-	-
Assistant Professor	1	2	2
Lecturer	2	-	-
Tutor / Clinical Instructor	-	-	-
Senior Resident	-	-	-

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Bharathi DR	M.Pharm.,Ph.D	Professor and HOD	Pharmacology	23 Years
Dr. Jagadish N	M.Pharm., Ph.D	Professor	Pharmacology	31 Years
Mr. Nataraj GR	M.Pharm.,(Ph.D)	AssistantProfessor	Pharmacology	08 Years
Mr. Abubaker Siddiq	M.Pharm.,(Ph.D)	Assistant Professor	Pharmacology	06Years

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

**Emeritus Professor**

Sl No	Name of the faculty
01	Dr. Satyanarayana Kadam, Professor, BMCH & RC, Chitradurga

**13. Percentage of classes taken by temporary faculty – program-wise information**

Sl No	Name of the faculty	Percentage of classes taken
01	Dr. Nagesh Raju G Professor, BMCH& RC, Chitradurga	10%
02	Dr. Narayana Murthy Professor, BMCH& RC, Chitradurga	10%

**14. Program-wise Student Teacher Ratio :**

Course	Theory	Practical
B.Pharm	60:1	20:1
Pharm.D	30:1	15:1
Pharm.D Post Baccalaureate	10:1	10:1
M.Pharm (Pharmacology)	06:1	06:1
Ph. D (Pharmacology)	As required	

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

<b>Designation</b>	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Lab Technician	01 for each department	01 for each department	01
Laboratory Assistants	01 for each department	01 for each department	01
Office Superintendent	01	01	01
Accountant	01	01	01
Computer Data Operator	01	01	01
FDA	01	02	02
Peon	02	02	02
Cleaning Personal	Adequate	04	04
Gardener	Adequate	03	03

**16. Research thrust areas as recognized by major funding agencies**

Nil

**17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.**

Dr. Bharathi D R, HOD, has got research funding from RGUHS as co-investigator.

**18. Inter-institutional collaborative projects and associated grants received  
b) National collaboration b) International collaboration**

Nil

**19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Nil

**20. Research facility / centre with**

- state recognition : Yes
- national recognition : No
- international recognition : No

**21. Special research laboratories sponsored by / created by industry or corporate bodies :**

Nil

**22. Publications:**

- Number of papers published in peer reviewed journals (national / international)  
National : 04  
International : 35
- Monographs Nil
- Chapters in Books Nil
- Books edited Nil
- Books with ISBN with details of publishers Nil
- Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) : All
- Citation Index – range / average : 36
- SNIP --
- SJR --
- Impact Factor – range / average : 0- 2.0
- h-index : 06

23. **Details of patents and income generated** : Nil
24. **Areas of consultancy and income generated** : Nil
25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad**

Nil

26. **Faculty serving in**  
 a) **National committees b) International committees c) Editorial Boards d) any other (specify)**

Dr. Bharathi D R, HOD of the department serving as

- Member of Board of Studies – Pharm.D, faculty of Pharmacy, Rajiv Gandhi University of Health Sciences, Bangalore
- Member of Board of Examiners Appointing Experts, for Pharma D course examinations, Rajiv Gandhi University of Health Sciences, Bangalore
- Member, executive committee, Association of Pharmaceutical Teachers of India, Karnataka state branch.

27. **Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).**

The faculty of our department participate in various workshops, training programs, Scientific and research conferences to update their skills and knowledge.

28. **Student projects**
- **percentage of students who have taken up in-house projects including inter-departmental projects**

Nil

- percentage of students doing projects in collaboration with other universities / industry / institute .

Nil

**29. Awards / recognitions received at the national and international level by**

- Faculty --
- Doctoral / post doctoral fellows --
- Students --

**30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

Workshop on “Molecular level of understanding of drug actions” sponsored by RGUHS, Bangalore on 28<sup>th</sup> Sep. 2015.

**31. Code of ethics for research followed by the departments**

IAEC under CPCSEA, Animal Welfare division, Govt. of India

**32. Student profile program-wise: Enclosed in report**

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
<b>B.Pharm</b>					
2011-12		08	05	~25%	~80%
2012-13		11	07	~ 63%	~57%
2013-14		27	19	~ 59%	~ 73%
2014-15		47	13	~ 38%	~ 69%
<b>Pharm.D</b>					
2011-12		08	19	~ 90%	~ 95%
2012-13		10	20	~ 95%	~ 95%
2013-14		08	22	~ 98%	~ 98%
2014-15		11	18	~ 80%	~ 90%
<b>M. Pharm</b>					
2013-15		01	-	~ 100%	

### 33. Diversity of students :

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>B.Pharm</b>				
2011-12	NA	NA	NA	32%
2012-13	NA	NA	NA	12%
2013-14	NA	NA	NA	00%
2014-15	NA	NA	NA	00%
<b>Pharm.D</b>				
2011-12	NA	NA	NA	00%
2012-13	NA	NA	NA	00%
2013-14	NA	NA	NA	05%
2014-15	NA	NA	NA	13%
<b>Pharm.D (PB)</b>				
2012-13	00%	00%	100%	00%
2013-14	50%	00%	50%	00%
2014-15	100%	00%	00%	00%
<b>M. Pharm</b>				
2013-15	100%	00%	00%	00%

### 34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

Name of Candidate	Examination Cleared	Academic Year
Miss. Tejaswini	GPAT	2012-13

### 35. Student progression

Student progression	Percentage against enrolled
UG to PG	10 %
PG to M.Phil, DM / M Ch / DNB	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	Nil
• Campus selection	
• Other than campus recruitment	
Entrepreneurs	Nil



**36. Diversity of staff**

Percentage of faculty who are graduates	
of the same university	50%
from other universities within the State	50%
from universities from other States	-
from universities outside the country	-

**37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period**

Nil

**38. Present details of departmental infrastructural facilities with regard to**

- a) Library : Yes
- b) Internet facilities for staff and students : Yes
- c) Total number of class rooms : 09
- d) Class rooms with ICT facility and 'smart' class rooms : 01
- e) Student's laboratories : 02
- f) Research laboratories : 01

**39. List of doctoral, post-doctoral students and Research Associates**

- a) from the host institution/university : 02
- b) from other institutions/universities : Nil

**40. Number of post graduate students getting financial assistance from the university.**

Nil

- 41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.**

Nil

- 42. Does the department obtain feedback from**

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**

Yes, the feedback regarding the progress of students, requirement of infrastructure is taken from the faculty. The feedback from faculty is assessed and reviewed by HOD and Principal. Needful action is taken.

- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Yes, the feedback regarding the teacher's and Institution infrastructure is obtained from students. The feedback from students is assessed and reviewed by, Faculty, HOD and Principal. Needful action is taken

- c. alumni and employers on the programs offered and how does the department utilize the feedback?**

Department utilize the feedback to upgrade according to latest trends and needs

- 43. List the distinguished alumni of the department (maximum 10)**

- Alpesh Kumar Nagar
- Adeel Ahamed
- Gajendra KS
- Vinay NB
- Ramesh
- Nataraj GR

**44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.**

Sl. No	Name of the Speakers	Topics	Date
1	<b>Dr. Gundu Rao</b> President, KSPC, Bengaluru.	Role of Pharmacist in Health Care	14/11/2012
2	<b>Dr Nagesh Raju .G,</b> <b>Dr. Manjunath,</b> and <b>Dr. Shirish Patil</b>	How to write Research Protocol and Thesis, Research Design and Statistical Applications and Reference writing	12/11/ 2013
3	<b>Dr. Shobha Rani R Hiremath,</b> Vice Principal and Head, Dept of Pharmacy Practice, Al-Ameen College of Pharmacy, Bengaluru	Clinical Pharmacokinetics and TDM	31/01/ 2014
4	<b>Dr. Anand B Harugeri</b> Patient Safety and Regulatory Affairs Manager, Astra Zeneca Limited, Bangalore. <b>Mrs. Aparna Jayachandra,</b> Assosiate Manager Novo Nordisk, Bangalore. <b>Dr. Vinith Kulkarni,</b> Associate Medical Director, Quintiles, Bangalore	Recent Trends in Pharmacovigilance	15/03/ 2014
5	<b>Dr Nagesh Raju G, Dr. Manjunath,</b> and <b>Dr. Dharamaraj</b> BMCH & RC, Chitradurga	Molecular level of understanding of drug actions (Gene therapy, viral vector, non viral vectors and Application of gene therapy)	28/09/2015

**45. List the teaching methods adopted by the faculty for different programs including clinical teaching.**

- Lecture Method to teach theoretical aspects
- Workshop and training method to teach practical aspects
- Power point presentation
- OHP presentation for diagrams and drug actions
- Models and Charts

**46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored**

- In regular practical classes viva-voce is conducted to individual students.
- Regular seminars are conducted.
- Three Internal Sessional Exams are conducted at regular intervals during the academic year.

**47. Highlight the participation of students and faculty in extension activities.**

- The faculty and students are actively involved in
- Organizing scientific seminars, workshops and conferences.
- Community services such as health awareness programmes and patients education in rural areas.
- Students participate in inter-university, university level and institutional level sports and cultural competitions.
- Faculty by attending QIP programmes , seminars & workshops.

**48. Give details of “beyond syllabus scholarly activities” of the department.**

The faculty and students participates in various research conferences and present their research work.

**49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.**

Nil

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

The faculty and students are involved in

- The pharmacological screening of medicinally important molecules from natural sources.
- Pharmacological screening of New Chemical Entities from synthetic and semisynthetic sources.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strengths**

- Faculty are highly qualified, experienced and dedicated towards imparting good quality teaching and knowledge.
- Faculty members have maintained healthy teacher-student environment.
- The Department has procured surplus number of text books, journals and online resources through college library.
- Department has well equipped lab facilities to teach UG and PG students and also to carryout research work.
- Faculty members are actively involved in research activities and participate in scientific conferences and workshops.

**Weakness**

- The department has to establish collaborative research work with industries, and institutes.
- The prohibition of use of animals for experimentation by CPCSEA, UGC and RGUHS limited the exposure to the students.
- The lack of digital research lab has been a hinderance to carryout advanced research activities.
- The department has to establish industrial and corporate internship programs to make students employable.
- Lack of student community in selecting the program.

**Opportunities**

- The pharmacologist has opportunities to work as junior chemist in Government and Industrial drug testing laboratories.
- The Pharmacologists are involved in Pharmacovigilance, Hospital pharmacists, academics, Drug information centers, Clinical research.
- They are also involved in *in-vivo* drug testing to achieve higher positions to lead better healthcare of the society.

- A Pharmacologist can work in the area of research and development to develop a new drug therapy by conducting various preclinical studies.
- Pharmacologist play a major role in assessing the toxicity profile of drugs.

### **Challenges**

- The faculty members face a stiff challenges in up-gradation of skills and knowledge for the present day requirements.
- Teaching a diverse set of has students is a bigger challenge to the faculty members as language and student lifestyle being a major cause.
- To motivate the student for selecting program.
- Reaching out for the upgraded research facility is a major challenge in this department, as it become virtually impossible to develop all the required research facilities in a single organization.
- To balance the bulk of curriculum and fully updated curriculum has become a major challenge.

### **52. Future plans of the department.**

- To procure lab Instruments like Auto analyzer for biochemical estimations
- To establish computer aided alternative to animal experiment lab
- To procure software's of drug data base
- To establish collaboration with research organizations.

## Evaluative Report of the Department of Pharmacognosy

**1. Name of the Department :** Pharmacognosy

**2. Year of establishment :** 1985

**3. Is the Department part of a college/Faculty of the university?**

Yes, Department of Pharmacognosy is a part of the College.

**4. Names of programs offered (UG, PG, Pharm.D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)**

Institution offers B.Pharm, and Pharm. D.

**5. Interdisciplinary programs and departments involved.**

Pharmacognosy department with Pharmacy Practice, M. Pharm in Pharmaceutical Chemistry, Pharmaceutics and Pharmacology.

**6. Courses in collaboration with other universities, industries, foreign institutions, etc.**

Not Applicable

**7. Details of programs discontinued, if any, with reasons.**

Nil

**8. Examination System: Annual/Semester/Trimester/Choice Based Credit System**

As per Rajiv Gandhi University of Health Sciences Annual Examination System followed.

**9. Participation of the department in the courses offered by other departments.**

M. Pharm in Pharmaceutical Chemistry, Pharmaceutics and Pharmacology.

**10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	1
Associate Professor/Reader	1	1	1
Assistant Professor	--	--	--
Lecturer	1	1	1
Tutor / Clinical Instructor	-	-	-
Senior Resident	-	-	-

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.**

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Maruti T Ekbote.	M. Pharm. Ph. D.	Professor & Head of the Department	Pharmacognosy	24 Years
Dr. Shankarappa L	M. Pharm. Ph. D.	Associate Professor	Pharmacognosy	15 Years
Mr. Girish. M	M. Sc	Lecturer	Botany	23Years



**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

Nil

**13. Percentage of classes taken by temporary faculty – program-wise information**

10%

**14. Program-wise Student Teacher Ratio :**

Course	Theory	Practical
B.Pharm	60:1	20:1
Pharm.D	30:1	30:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Lab Technician	01 for each department	01 for each department	01 for each department
Laboratory Assistants	01 for each department	01 for each department	01 for each department
Office Superintendent	01	01	01
Accountant	01	01	01
Computer Data Operator	01	01	01
FDA	01	02	02
Peon	2	2	2
Cleaning Personal	Adequate	4	4
Gardener	Adequate	3	3

**16. Research thrust areas as recognized by major funding agencies**

- Antimicrobial studies
- Pharmacognosy and Phytochemistry
- Biotechnology

**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.**

Faculty	Title of the Project	Funding Agency	Amount Granted
Dr. Maruti T Ekbote	“Antimicrobial Study of Medicinal Plants used in Folklore and other Alternative Systems of Medicine around Chitradurga	Rajiv Gandhi University of Health Sciences, Bengaluru, Karnataka.	Rs.3,75,000/-

**18. Inter-institutional collaborative projects and associated grants received**

**c) National collaboration b) International collaboration**

Nil

**19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Nil

**20. Research facility / centre with**

- state recognition : Yes
- national recognition : No
- international recognition : No

**21. Special research laboratories sponsored by / created by industry or corporate bodies :**

Nil

**22. Publications:**

- **Number of papers published in peer reviewed journals (national / international)**

**National : 09**

**International : Nil**

- **Monographs**
- **Chapters in Books**
- **Books edited**
- **Books with ISBN with details of publishers**

- **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.)**

All

- **Citation Index – range / average :**

- **SNIP**

- **SJR**

- **Impact Factor – range / average : 0-1**

- **h-index : 05**

**23. Details of patents and income generated : Nil**

**24. Areas of consultancy and income generated:**

The Department is involved in Water analysis for Microbiological test consultancy in coordination with Environmental Science Department, of Jagadguru Murgugarajendra Institute of Technology (JMIT), Chitradurga.

**25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad**

Nil

**26. Faculty serving in**

- a) National committees b) International committees c) Editorial Boards  
d) any other (specify)**

Nil

**27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).**

The faculty of our department participate in various workshops, training programs, Scientific and research conferences conducted by our Institution to update their skills and knowledge.

**Workshops and Conferences attended by Dr. Maruti T Ekbote**

- UGC Sponsored National Symposium on Emerging Trends in Biotechnology, 20<sup>th</sup>, 21<sup>st</sup> March 2010 organised by Department of Biotechnology, Sahyadri Science College, Shivmoagga.

**Poster & Paper Presentations**

- Ekbote Maruthi T, Ramesh CK and Riaz Mahmood, “Antiinflammatory and analgesic activity of *Azima tetraacantha*” **XXXII All India Botanical Conference and International Symposium on**

**“Diversity of Plants and Microbes: Present Scenario”, Dept. of Applied Botany, Kuvempu University on December 28-30, 2009.**

- **Ekbote Maruthi T, Ramesh CK and Riaz Mahmood, “Antiinflammatory and analgesic activity of *Cocculus hirsutus*” Presented full paper in (Feb 8-10, 2010) National Seminar on “Zoology, Life process and Nanotechnology” held at Dept. of Zoology, Goa University, Panjim Goa, India.**
- **Ekbote Maruthi T, Ramesh CK and Riaz Mahmood, “Cardiovascular effects of *Azima tetracantha* extracts on isolated rats’ heart” (Dec 17-19, 2010) 62<sup>nd</sup> INDIAN PHARMACEUTICAL CONGRESS 2010, Manipal College of Pharmaceutical Sciences, Manipal University, Manipal , Karnataka, India.**

**28. Student projects**

- **percentage of students who have taken up in-house projects including inter-departmental projects**
- **percentage of students doing projects in collaboration with other universities / industry / institute.**

Nil

**29. Awards / recognitions received at the national and international level by**

- **Faculty**
- **Doctoral / post doctoral fellows**
- **Students**

Nil

**30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

Nil

**31. Code of ethics for research followed by the departments**

As per the norms of College Ethical Committee IAEC under CPCSEA Animal Welfare Division, Government of India.

**32. Student profile program-wise: Enclosed**

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
<b>B.Pharm</b>					
2011-12	NA	08	05	25	80
2012-13	NA	11	07	63	57
2013-14	NA	27	19	59	73
2014-15	NA	47	13	38	69
<b>Pharm.D</b>					
2011-12	NA	08	19	~ 90%	~ 95%
2012-13	NA	10	20	~ 95%	~ 95%
2013-14	NA	08	22	~ 98%	~ 98%
2014-15	NA	11	18	~ 80%	~ 90%

**33. Diversity of students :**

<b>Name of the Program (refer to question no. 4)</b>	<b>% of students from the same university</b>	<b>% of students from other universities within the State</b>	<b>% of students from universities outside the State</b>	<b>% of students from other countries</b>
<b>B.Pharm</b>				
2011-12	NA	09	90	01
2012-13	NA	10	90	00
2013-14	NA	04	95	1%
2014-15	NA	04	95	1%
<b>Pharm.D</b>				
2011-12	NA	00%	100%	00%
2012-13	NA	10%	90%	00%
2013-14	NA	00%	95%	05%
2014-15	NA	10%	77%	13%

**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.**

One student Miss Tejeswini has cleared GPAT of 2012-13.

**35. Student progression:**

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	--
PG to M.Phil, DM / M Ch / DNB	--
PG to Ph.D.	--
Ph.D. to Post-Doctoral	--
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	All the students of SJM College of Pharmacy have been well placed in academics and Industry.
Entrepreneurs	Very few students have turned as Entrepreneurs

**36. Diversity of staff**

Percentage of faculty who are graduates	
of the same university	50%
from other universities within the State	50%
from universities from other States	Nil
from universities outside the country	Nil

**37. Number of faculty who were awarded M. Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period**

02

**38. Present details of departmental infrastructural facilities with regard to**

- a) **Library** : 01
- b) **Internet facilities for staff and students**

Internet facility is available in digital library and also the college is equipped with Wifi facility.

c) **Total number of class rooms** : 09

d) **Class rooms with ICT facility and ‘smart’ class rooms** : 01

e) **Students’ laboratories** : 03

f) **Research laboratories** : Nil

**39. List of doctoral, post-doctoral students and Research Associates**

- a) from the host institution/university : Nil
- b) from other institutions/universities : Nil



- 40. Number of post graduate students getting financial assistance from the university.**

Nil

- 41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.**

Nil

- 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, student's feedback regarding the progress for requirement of infrastructure is taken by the faculty.

The feedback collected from the students by the faculty is assessed and reviewed by HOD and Principal for further needful action.

- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Yes, The HOD of the department collects the feedback on teachers, curriculum and teaching-learning-evaluation process from the stakeholders and assess, reviewed for the necessary development of teacher and the department after discussion with Principal.

- c. Alumni and employers on the programs offered and how does the department utilize the feedback?**

The Alumni meet is conducted every year, during the meet feedbacks are taken from the Alumni who provide information regarding latest trend in the pharmacy field and necessary reforms are made after discussing with Principal and Management.

**43. List the distinguished alumni of the department (maximum 10)**

Sl.No.	Name of the Alumni with batch	Position held
1	Dr. Prakash Nesvi	Himalaya Drug Company, Bangalore.
2	Dr. Vishottam K	Asst. Director, Advinus Therapeutics Pvt. Ltd. Pune
3	Dr. Satish K J.	Managing Director, Relonchem Ltd. London, United Kingdom.
4	Prof. Vasanthraju S G	Manipal College of Pharmacy Manipal, Karnataka.
5	Prof. Vijaybhaskar K	Manipal College of Pharmacy Manipal, Karnataka.
6	Mr. Rangaraju	Production Manager Karnataka Antibiotic & Pharmaceuticals, Bangalore
7	Mrs. Nagajyothi	Asst. Drug Controller, Government of Karnataka
8	Dr. Suresh	Asst. Drug Controller, Government of Karnataka
9	Mrs. Shylaja	Asst. Drug Controller, Government of Karnataka
10	Mr. Amit Duggal	Zonal Licensing Authority, Bhatinda, Government of Punjab.

**44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.**

Workshops, group discussions and Quiz are conducted for students in the college every year.

**45. List the teaching methods adopted by the faculty for different programs including clinical teaching.**

- In Pharmacognosy, students are made aware of drugs from natural origin by adopting theory and practical teaching methods. Apart from this students are taught by taking to the Medicinal Garden where they identify the plants physically.
- Formulations containing Phytochemicals are displayed in the museum. This helps them to know clinical application.
- LCD and OHP presentation
- Models and Charts

**46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?**

- Weekly viva-voce is conducted to individual students during practical.
- Students are allotted with seminar topics who present periodically.
- Three Internal Assessment Exams are conducted by dividing the academic year into three equal sessions.

**47. Highlight the participation of students and faculty in extension activities.**

The faculty and students are actively involved in

- Organizing scientific seminars and conferences.
- Community services such as health awareness programmes in rural areas.
- Students participate in university level and institutional level presenting papers, posters sports and cultural competitions.
- Faculty by attending Workshops and Quality improvement program.

**48. Give details of “beyond syllabus scholarly activities” of the department.**

- The faculty and students participate in various research conferences and present their research work.

**49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.**

Nil

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

The faculty and students are involved in

- The isolation, characterization, biological and pharmacological screening of medicinally important molecules from natural sources.
- Development, characterization, biological and pharmacological screening of New Chemical Entities.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strengths**

- The faculty members of the department have successfully completed Ph.D.
- The faculty members have maintained a very healthy teacher-student relationship.
- Surplus number of text books, Journals and online resources.
- Optimum lab facilities to teach UG students and also to carryout research work.
- Faculty of this department has been successful in getting grants from Rajiv Gandhi University of Health Sciences for one research projects.

**Weaknesses**

- The department has to establish collaborative research work with industries and institutes.
- The lack of digital research lab has been a hindrance to carryout advanced research activities.
- The department has to establish industrial and corporate internship programs to make students employable.
- Lack of student community in selecting the program.
- The department lacks sophisticated instruments such as HPLC, HPTLC, Rotary flash evaporator etc., to carryout advanced research activities.

**Opportunities**

- There is an immediate and urgent need for New Chemical Entities for the treatment of various infectious diseases such as Tuberculosis, Dengue, Sars etc.
- The Pharmacognocist can isolate new drug, analytical methods which are more efficient and cost effective.
- The pharmacognocist has opportunities to work in Government and Herbal drug manufacturing units and testing laboratories.
- An expertise in handling sophisticated analytical instruments would help

the professionals to gain rewarding positions in the Quality Control departments of Pharmaceutical Industries.

- Application of advanced analytical technique in Herbal formulations.

### **Challenges**

- To motivate the student for selecting program.
- Teaching Students from diverse cultures and areas.
- Cooperation from Management and fellow Pharmacist to develop the program.
- To balance the bulk of curriculum and fully updated curriculum has become a major challenge.
- Industrial orientation of the program needed.

### **52. Future plans of the department.**

- To start Post Graduation study centre
- To Establish MoUs with Herbal Drug Industry to take up new updated research.
- To Start Ph.D Program.
- To establish Advanced Research Lab.

## Evaluative Report of the Department of Pharmacy Practice

1. **Name of the Department** : Pharmacy Practice

2. **Year of establishment** : 2009

3. **Is the Department part of a college/Faculty of the university?**

Yes, Department of Pharmacy Practice is a part of SJM College of Pharmacy

4. **Names of programs offered (UG, PG, Pharm.D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)**

Our Institution offers Pharm.D, Pharm.D Post Baccalaureate.

5. **Interdisciplinary programs and departments involved.**

Pharmacy Practice department is with Pharmacology, Pharmaceutics, Pharmaceutical chemistry and Pharmacognosy.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**

Not applicable

7. **Details of programs discontinued, if any, with reasons**

Nil

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**

As per Rajiv Gandhi University of Health Sciences, Bangalore annual examination system.

**9. Participation of the department in the courses offered by other departments.**

Pharmacy Practice department is involved with the department of General Medicine, Pediatrics, Dermatology, OBG and Orthopedic departments of BMCH & RC, Chitradurga.

**10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	2	2
Associate Professor/Reader	2	1	1
Assistant Professor	2	2	2
Lecturer	3	1	1
Tutor / Clinical Instructor	-	-	-
Senior Resident	-	-	-

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Yogananda R	M. Pharm., M.Phil., Ph.D	Professor & HOD	Pharmaceutics	15
Dr.Narayanamurthy C	MBBS, MD	Professor	Pathology	11
Dr. Kanyakumari	MBBS, MD	Associate Professor	Human Anotomy and Physiology	7
Dr. Shirish Inamdar	B.Pharm Pharm.D (PB)	Assistant Professor	Pharmacy Practice	3
Mr. B Shankar Reddy	M. Pharm	Lecturer	Pharmacy Practice	8 months
Dr. Manoj kumar M	Pharm.D (Ph.D)	Asst. Professor	Pharmacy Practice	3 months

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

Adjunct faculty : Dr. Nagendra Gowda M.R.,  
Professor,  
Department of Community Medicine  
BMCH & RC, Chitradurga.

**13. Percentage of classes taken by temporary faculty – program-wise information**

Dr. Prashanth G: 10%

**14. Program-wise Student Teacher Ratio**

Course	Theory	Practical
Pharm.D	30:1	30:1
Pharm.D (Post Baccalaureate)	10:1	10:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Lab Technician	01	01	01
Laboratory Assistants	01	01	01
Office Superintendent	01	01	01
Accountant	01	01	01
Computer Data Operator	01	01	01
FDA	01	02	02
Peon	2	2	2
Cleaning Personal	Adequate	4	4
Gardener	Adequate	3	3

**16. Research thrust areas as recognized by major funding agencies**

Nil



- 17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.**

Nil

- 18. Inter-institutional collaborative projects and associated grants received  
d) National collaboration b) International collaboration**

Nil

- 19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Nil

- 20. Research facility / centre with**

- |                             |            |
|-----------------------------|------------|
| • State recognition         | <b>Yes</b> |
| • National recognition      | <b>No</b>  |
| • International recognition | <b>No</b>  |

- 21. Special research laboratories sponsored by / created by industry or corporate bodies**

Nil

- 22. Publications:**

- Number of papers published in peer reviewed journals (national / international)**

National	:	09
International	:	31

- |                            |      |
|----------------------------|------|
| • <b>Monographs</b>        | -    |
| • <b>Chapters in Books</b> | -    |
| • <b>Books edited</b>      | : 01 |

- Books with ISBN with details of publishers
- 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.)

All

- Citation Index – range / average : 06
- SNIP -
- SJR -
- Impact Factor – range / average : 0.2-1.0
- h-index : 25

23. Details of patents and income generated Nil

24. Areas of consultancy and income generated Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Nil

26. Faculty serving in

- National committees
- International committees
- Editorial Boards
- any other (specify)

Nil

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

The faculty of our department participates in various Workshops, Training Programs, Personality Development Workshop, IPC, IPA Modules, Scientific and Research Conferences to update their skills and knowledge.

**28. Student projects**

- percentage of students who have taken up in-house projects including inter-departmental projects

Nil

- percentage of students doing projects in collaboration with other universities / industry / institute

100%

**29. Awards / recognitions received at the national and international level by**

- Faculty : Nil
- Doctoral / Post Doctoral fellows : Nil
- Students : Yes (4)

**30. Seminars/Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

Yes

Recent Trends and Challenges in Pharmacovigilance Sponsored by  
RGUHS. Dated 15-03-2014

Following were the resource persons for the symposium

- Dr. B Anand Harugeri,  
Patient Safety and Regulatory Affairs Manager, Astra Zeneca,  
Bangalore,
- Dr. Vineet Shastri,  
Associate Medical Director Pharmacovigilance Services, Quintiles,  
Bangalore,
- Mrs. Aparna Jayachandra,  
Associate manager Pharmacovigilance, NovoNordisk, Bangalore, Dr.  
Krunal K Bhakta, Drug Safety Associate, Quintiles.

### 31. Code of ethics for research followed by the departments

Institutional Human Ethics Committee (IEC) and Institutional Animal Ethics Committee (IAEC).

### 32. Student profile program-wise:

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
<b>Pharm.D</b>					
2011-12		08	19	~ 90%	~ 95%
2012-13		10	20	~ 95%	~ 95%
2013-14		08	22	~ 98%	~ 98%
2014-15		11	18	~ 80%	~ 90%

### 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
<b>Pharm.D</b>				
2011-12	NA	NA	NA	00%
2012-13	NA	NA	NA	00%
2013-14	NA	NA	NA	05%
2014-15	NA	NA	NA	13%
<b>Pharm.D Postbaccalaureate</b>				
2012-13	00%	00%	100%	00%
2013-14	50%	00%	50%	00%
2014-15	100%	00%	00%	00%

- 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.**

B G S V Siva Kumar-IELTS

Yogitha Choudhary - IELTS

Romi Shah – IELTS

J. Satish - IELTS

- 35. Student progression**

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	-
PG to M.Phil, DM / M Ch / DNB	-
PG to Ph.D.	5.88%
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	-
• Other than campus recruitment	100%
Entrepreneurs	-

- 36. Diversity of staff**

<b>Percentage of faculty who are graduates</b>	
Of the same university	75%
From other universities within the State	25%
From universities from other States	-
From universities outside the country	-

**37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period**

M.Phil: 1      Ph.D: 1

**38. Present details of departmental infrastructural facilities with regard to**

a) Library	Yes
b) Internet facilities for staff and students	Yes
c) Total number of class rooms	9
d) Class rooms with ICT facility and ‘smart’ class rooms	1
e) Students’ laboratories	Nil
f) Research laboratories	Nil

**39. List of doctoral, post-doctoral students and Research Associates**

a) From the host institution/university	Nil
b) From other institutions/universities	01

**40. Number of post graduate students getting financial assistance from the university.**

Nil

**41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.**

Nil

**42. Does the department obtain feedback from**

**a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**

Yes, the feedback regarding the progress of students, requirement of infrastructure is taken from the faculty.

The feedback from faculty is assessed and reviewed by HOD and Principal. Needful action is taken.

**b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Yes, the feedback regarding the teacher's and Institution infrastructure is obtained from students.

The feedback from students is assessed and reviewed by, Faculty, HOD and Principal. Needful action is taken

**c. Alumni and employers on the programs offered and how does the department utilize the feedback?**

Department utilize the feedback to upgrade according to latest trends as per need

**43. List the distinguished alumni of the department (maximum 10)**

1. Dr. B Gowthami, Asst Professor, CES College of Pharmacy, Kurnool, AP.
2. Dr. B Sowmya, Research Associate, Reddys Labs, Hyderabad.
3. Dr. Karthik M, Research Associate, TCS, Hyderabad
4. Dr. Dinesh, Drug Safety Associate, Accenture, Bangalore.
5. Dr. Aman Pathan Ullakhan, Asst Professor, Anwar Ul Uloom College of Pharmacy, Hyderabad.
6. Dr. Shashank H, Drug Safety Associate, Synowledge, Mysore.
7. Dr. Yaseen, Drug Safety Associate, Synowledge, Mysore.
8. Dr. Poorna Chandra Rao, Drug Safety Associate, Synowledge, Mysore.

9. Dr. Bharath Kumar, Drug Safety Associate, Accenture, Bangalore.
10. Dr. Remya Rema, Technical Associate, Indian Pharmacopoeia Commission, Cochin.

**44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.**

1. Recent Trends in Pharmacy Education by Dr. B Suresh, President, Pharmacy Council of India, New Delhi.
2. Importance of Clinical Pharmacy Services in Hospital by Dr. B J Mahendrer Kumar Jain, Professor & Head, Department of Pharmacy Practice, Vikas Institute of Pharmaceutical Sciences, Rajahmundry, Andhra Pradesh
3. A Seminar on Drug Development and Discovery by Dr. M K Unni Krishnan M K, Professor & HOD, MCOPS College of Pharmaceutical Sciences, Mahe Manipal.
4. Role of Pharmacist in Health Care by Dr. Gundu Rao, President, KSPC, Bengaluru.
5. How to write Research Protocol and Thesis, Research Design and Statistical Applications and Reference writing by Dr Nagesh Raju G, Dr. Manjunath, and Dr. Shirish Patil
6. Population Pharmacokinetics and its Applications and Pharmacogenomics an over View by Dr. Surileivel Rajan, Dr. Girish, Asst. Professor, Dept. of Pharmacy Practice, MCOPS, Manipal.
7. Clinical Pharmacokinetics and TDM by Dr. Shobha Rani R Hiremath, Principal and HOD, Dept. of Pharmacy Practice, Al Ameen College of Pharmacy, Bengaluru.
8. Recent Trends in Pharmacovigilance by Dr. B Anand Harugeri, Patient Safety and Regulatory Affairs Manager, Astra Zeneca, Mrs. Aparna Jayachandra Assosiate Manager NovaNordisk, Dr. Krunal K Bhakta, Drug Safety Associate, Quintiles.



**45. List the teaching methods adopted by the faculty for different programs including clinical teaching.**

1. Bed side teaching
2. Power Point Presentation
3. Workshop and training method to teach practical aspects

**46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?**

- By regular assignments on different aspects of the subject
- Regular seminars on various topics which to improve the communication skills and knowledge
- Viva-voce have taken one to one interaction regular case presentations and bed-side teaching
- Three Internal Assessment Exams are conducted by dividing the academic year into three equal sessions.

**47. Highlight the participation of students and faculty in extension activities.**

Faculty and students are actively participating in the following Awareness programs on various health aspects of

1. HIV at Pre University colleges and in different rural areas
2. Diabetes
3. Hypertension
4. Tuberculosis
5. Dengue
6. Malaria
7. Typoid

Regular participation on WORLD HEALTH DAYS

1. World Pharmacist Day
2. World AIDS Day
3. World Diabetes Day

4. World Tuberculosis Day
5. World No Tobacco Day
6. World Arthritis Day

Organizing scientific seminars, workshops and conferences

**48. Give details of “beyond syllabus scholarly activities” of the department.**

Presenting posters at National and International level conferences

Publishing research papers in National and International journals

Publishing newsletters periodically

**49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.**

Nil

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

1. Providing outpatient and inpatient department counseling
2. Identifying, assessment and reporting of drug errors of prescriptions
3. Prescription Auditing
4. Providing unbiased drug information to health care professionals
5. Conducting continuous pharmacy education

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strengths**

- Highly qualified, experienced and committed teaching faculty.
- We have well equipped department established in the BMCH & RC with adequate computer systems with databases. We have a strong support from the health care professionals of the BMCH and RC in training the students

for clinical aspects.

- Well trained, knowledgeable, skilled faculty with dedication towards imparting high quality and practical knowledge among the students.
- Teachers maintain the healthy teaching environment.
- Department maintains the surplus number of text books, journals and online resources through the college library and departmental library.
- All the faculty members are actively involved in research activities and they have published their research work in peer reviewed journals.

### **Weakness**

- Difficulty in conducting the patient counseling in psychiatry department
- Difficulty in collecting the pharmacoepidemiological data
- Language barrier to the students from other states for better interaction with the patients
- High registration fee causes difficulty to the students for attending the conferences where they can gain more knowledge on new advancement.

### **Opportunities**

- Pharm.D graduate have more opportunities to work in the areas of clinical research and pharmacovigilance
- Clinical pharmacist can take part in the prescription auditing, providing patient better health care, therapeutic drug monitoring and plays major role in the Pharmacovigilance
- Hospital pharmacist can take part in the pharmacoeconomics, inventory control and maintaining quality medication.
- As a part of vision 2020 community pharmacist can plays an important role in bringing awareness of various diseases, family planning, vaccination etc.

### **Challenges**

- We need to up-grade the skills and knowledge because we are being in one of the fastest technologically growing era
- Teaching Students from Diverse Cultures and areas is a bigger challenge

to the faculty members as language and student lifestyle being a major cause of concern to be addressed.

- Reaching out for the upgraded research facility is a major challenge in this department, as it become virtually impossible to develop all the required research facilities in a single organization.
- As the drug information center and classrooms are upgraded continuously management of this infrastructure to its best requires efficient and skilled support staff.
- Physicians support and guidance is very important for the development of clinical and practical knowledge to the students.

## **52. Future plans of the department.**

- To Establish Poison information center and poison detection center.
- To improve the network of drug information services to other health care setups of central Karnataka.
- To Start Ph.D. Program.
- To establish peripheral Pharmacovigilance center
- To establish collaboration with clinical research organizations
- Establishment of therapeutic drug monitoring center

## **Evaluative Report of the Department of Pharmaceutical Chemistry**

**1. Name of the Department :** Pharmaceutical Chemistry

**2. Year of establishment :** 1985

**3. Is the Department part of a college/Faculty of the university?**

Yes, Department of Pharmaceutical Chemistry is part of the College.

**4. Names of programs offered (UG, PG, Pharm.D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)**

Our Institution offers B.Pharm, Pharm.D, Pharm.D (PB), M.Pharm and Ph.D

**5. Interdisciplinary programs and departments involved.**

M.Pharm in Pharmaceutical Chemistry with department of Pharmacology, Pharmacognosy and Pharmaceutics.

**6. Courses in collaboration with other universities, industries, foreign institutions, etc. :**

Nil

**7. Details of programs discontinued, if any, with reasons:**

Nil

**8. Examination System: Annual/Semester/Trimester/Choice Based Credit System**

As per the Rajiv Gandhi University of Health Sciences, Bangalore, Annual Examination system is followed.

**9. Participation of the department in the courses offered by other departments.**

Yes, the department is involved with pharmacology and pharmacognosy departments.

**10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	0	1
Associate Professor/Reader	1	2	2
Assistant Professor	3	3	3
Lecturer	-	-	-
Tutor / Clinical Instructor	-	-	-
Senior Resident	-	-	-

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Jayadevaiah K.V	M.Pharm.,Ph.D	Associate Professor and HOD	Pharmaceutical Chemistry	13 Years
Dr. Basavaraja H.S	M.Pharm.,Ph.D	Associate Professor	Pharmaceutical Chemistry	12 Years
Dr. Mumtaz Mohammed Hussain .M	M.Pharm.,Ph.D	Assistant Professor	Pharmaceutical Chemistry	08 Years
Mr. Vijay Kumar MMJ	M.Pharm.,(Ph.D)	Assistant Professor	Pharmaceutical Chemistry	07 Years
Dr. Asviya Afreen	MD	Assistant Professor	Medicinal Biochemistry	01 Years

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

Adjunct faculty : Dr. K.C. Ramesh  
Professor, SJM Science College  
Chandravalli, Chitradurga.

Emeritus professors : Dr. Agasimunddin Y.S.  
Rtd. Professor, Gulbarga University  
Gulbarga, Karnataka.

**13. Percentage of classes taken by temporary faculty – program-wise information**

Nil

**14. Program-wise Student Teacher Ratio :**

Course	Theory	Practical
B.Pharm	60:1	20:1
Pharm.D	30:1	30:1
M.Pharm (Pharmaceutical Chemistry)	10:1	10:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Lab Technician	01 for each department	01 for each department	
Laboratory Assistants	01 for each department	01 for each department	
Office Superintendent	01	01	
Accountant	01	01	
Computer Data Operator	01	01	
FDA	01	02	
Peon	2	2	
Cleaning Personal	Adequate	4	
Gardener	Adequate	3	

**16. Research thrust areas as recognized by major funding agencies**

- Medicinal Chemistry
- Anticancer studies
- Antitubercular studies
- Antimicrobial studies
- Phytochemistry
- Synthetic Organic Chemistry

**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.**

Faculty	Title of the Project	Funding Agency	Amount Granted
Dr. Basavaraja H.S	Synthesis, Characterization of semi-synthetic derivatives from natural lead compounds	Vision Group of Science and Technology, Govt. of Karnataka	Rs. 4,00,000/-
Dr. Mumtaz Mohammed Hussain M	Synthesis, Characterization and evaluation of anticancer activity of some novel 2-mercapto pyrimidines	Rajiv Gandhi University of Health Sciences, Bengaluru, Karnataka	Rs.3,00,000/-

**18. Inter-institutional collaborative projects and associated grants received  
National collaboration b) International collaboration**

Nil



**19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Rs. 7 Lakhs

**20. Research facility / centre with**

- State recognition : Yes
- National recognition : No
- International recognition : No

**21. Special research laboratories sponsored by / created by industry or corporate bodies :**

Nil

**22. Publications:**

- Number of papers published in peer reviewed journals (national / international)

National	:	01
International	:	25

- Monographs : Nil

- Chapters in Books : Nil

- Books edited : Nil

- Books with ISBN with details of publishers : Nil

- Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)

All

- **Citation Index – range / average** : 150-200
- **SNIP** : Nil
- **SJR** : Nil
- **Impact Factor – range / average** : 0.2- 1.0
- **h-index** : 14

**23. Details of patents and income generated** : Nil

**24. Areas of consultancy and income generated** : Nil

**25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad**

Nil

**26. Faculty serving in**  
**b) National committees b) International committees c) Editorial Boards d)**  
**any other (specify) :**

Nil

**27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).**

The departmental faculty participated in various workshops, training programs, scientific and research conferences to update their skills and knowledge.

**28. Student projects**

- **percentage of students who have taken up in-house projects including inter-departmental projects :**

Nil

- percentage of students doing projects in collaboration with other universities / industry / institute :

18%

**29. Awards / recognitions received at the national and international level by**

- Faculty : 01
- Doctoral / post doctoral fellows : Nil
- Students : Nil

**30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

Nil

**31. Code of ethics for research followed by the departments:**

IAEC under CPCSEA, Animal Welfare Division , Government of India.

**32. Student profile program-wise:**

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
<b>B.Pharma</b>					
2011-12		08	05	~25%	~80%
2012-13		11	07	~63%	~57%
2013-14		27	19	~59%	~73%
2014-15		47	13	~38%	~69%
<b>Pharm.D</b>					
2011-12		08	19	~ 90%	~ 95%
2012-13		10	20	~ 95%	~ 95%
2013-14		08	22	~ 98%	~ 98%
2014-15		11	18	~ 80%	~ 90%
<b>M.Pharm</b>		-	-		

**33. Diversity of students :**

<b>Name of the Program</b> (refer to question no. 4)	<b>% of students from the same university</b>	<b>% of students from other universities within the State</b>	<b>% of students from universities outside the State</b>	<b>% of students from other countries</b>
<b>B.Pharm</b>				
<b>2011-12</b>	NA	NA	NA	32%
<b>2012-13</b>	NA	NA	NA	12%
<b>2013-14</b>	NA	NA	NA	00%
<b>2014-15</b>	NA	NA	NA	00%
<b>Pharm.D</b>				
<b>2011-12</b>	NA	NA	NA	00%
<b>2012-13</b>	NA	NA	NA	00%
<b>2013-14</b>	NA	NA	NA	05%
<b>2014-15</b>	NA	NA	NA	13%

**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**

<b>Name of Candidate</b>	<b>Examination Cleared</b>	<b>Academic Year</b>
Tejaswini	GPAT	2012-13

### Student progression

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil, DM / M Ch / DNB	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	Nil
• Other than campus recruitment	100%
Entrepreneurs	Nil

### 35. Diversity of staff

Percentage of faculty who are graduates	
of the same university	100%
from other universities within the State	-
from universities from other States	-
from universities outside the country	-

### 36. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

Three (03) were awarded Ph.D

### 37. Present details of departmental infrastructural facilities with regard to

a) **Library** : Yes

b) **Internet facilities for staff and students:**

Yes, internet facility is available in digital library and also the college is equipped with Wi-Fi facility

c) **Total number of class rooms** : 09

d) **Class rooms with ICT facility and 'smart' class rooms** : 01

e) **Students' laboratories** : 03

f) **Research laboratories** : 01

- 38. List of doctoral, post-doctoral students and Research Associates**
- a) from the host institution/university : Nil
- b) from other institutions/universities : Nil
- 39. Number of post graduate students getting financial assistance from the university**
- Nil
- 40. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.**
- Nil
- 41. Does the department obtain feedback from**
- a. **faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**
- Yes, the feedback regarding the progress of students, requirement of infrastructure is taken from the faculty.  
The feedback from faculty is assessed and reviewed by HOD and Principal. Needful action is taken.
- b. **students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**
- Yes, the feedback regarding the teacher's and Institution infrastructure is obtained from students.  
The feedback from students is assessed and reviewed by, Faculty, HOD and Principal. Needful action is taken.
- c. **alumni and employers on the programs offered and how does the department utilize the feedback?**
- Department utilizes the feedback to update according to latest trends and needs.

**42. List the distinguished alumni of the department (maximum 10)**

- Harish Kumar
- R. Manoj Kumar Udeseng
- Surwase Kumar Pralhad Rao
- Srinath S
- Sudhanshu Bhushan
- Patil Keerthi Kumar
- Pinkey Rawal
- Md. Anwer Hussain
- Sworooopa C
- Swetha G

**43. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.**

Sl. No	Name	Date	Topic
1	Dr. Agasimundin, Professor, Gulbarga University	11/02/2010	Spectroscopic methods of analysis
2	Dr. Nanjan, Professor & Head, JSS College of Pharmacy, Ooty	09/10/2011	Metabolic and Toxic properties of drug molecules

**44. List the teaching methods adopted by the faculty for different programs including clinical teaching.**

- Lecture Method to teach theoretical aspects
- Workshop and training method to teach practical aspects
- Power Point presentations, OHP presentations, Visualizers, Models & Charts.

**45. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?**

- Weekly viva-voce is conducted to individual students during practical.

- Regular plenary and seminar sessions are conducted.
- Three Internal Assessment Exams are conducted by dividing the academic year into three equal sessions.

**46. Highlight the participation of students and faculty in extension activities.**

The faculty and students are actively involved in

- Organizing scientific seminars, conferences.
- Community services such as health awareness programmes in rural areas.
- Students participate in university level and institutional level sports and cultural competitions.
- Faculty by attending QIP programmes, workshops & seminars etc.

**47. Give details of “beyond syllabus scholarly activities” of the department.**

- The faculty and students participate in various research conferences and present their research work.

**48. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.**

Nil

**49. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

The faculty and students are involved in

- The isolation, characterization, biological and pharmacological screening of medicinally important molecules from natural sources.
- Development of synthetic and semi-synthetic Chemical Entities characterization, and screening for biological and pharmacological activities.



**50. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**Strengths**

- Highly qualified, experienced and committed teaching faculty.
- Healthy Teaching Environment
- Surplus number of text books, journals and online resources.
- Optimum lab facilities to teach UG and PG students and also to carryout research work.
- Innovative research activities like CADD, combinatorial chemistry, cell line studies etc.

**Weakness**

- The department lacks tie-ups with international universities, using which the department can initiate education exchange programmes and collaborative research work.
- The department has to establish collaborative research work with industries, and institutes.
- The lack of digital research lab has been a hindrance to carryout advanced research activities.
- The department has to establish industrial and corporate internship programs to improve the skills of the students.
- The department lacks sophisticated instruments such as HPLC, GC-MS etc., to carryout advanced research activities.

**Opportunities**

- There is an immediate and urgent need for New Chemical Entities for the treatment of various infectious diseases such as Tuberculosis, Dengue etc. The researchers in the department can work in this area to develop new potential drug candidates.
- The pharmaceutical chemist can develop new drug analytical methods which are efficient and cost effective. A cost effective drug analytical methods which ultimately help in decrease the overall cost of the drug available to the consumer.

- The pharmaceutical chemist has opportunities to work in Government and Industrial drug testing laboratories.
- The skilled professionals in the area of pharmaceutical chemistry can achieve higher positions to lead Research and Development departments and Drug testing laboratories.
- An expertise in handling sophisticated analytical instruments would help the professionals to gain rewarding positions in the Quality Control departments of pharmaceutical Industries.

### **Challenges**

- Up-gradation of skills and knowledge
- Teaching Students from Diverse Cultures and Areas
- Research facilities
- Management of Infrastructure
- Curriculum Management

### **51. Future plans of the department.**

- To establish pilot plant
- To establish sophisticated instrument lab
- To start Ph.D program
- To establish advanced research lab

## ACTIVITIES IN PICTURES

### *Renowned Personality Visit to Campus*

#### **a. Dr. APJ Abdul Kalamji's Visit**



#### **b. Dr. B Suresh, President, PCI, New Delhi,**



## *Personality Development Program*



**His Holiness Dr. Shivamurthy Murugha Sharanaru**

*Importance of Education*

**Dr. G.N. Mallikarjunappa**

*Study and Success*



**Dr. L Nagesh**

*Education for life and Character building*



**Dr. Jagannath Rao**

*Mind Power*

## Seminars and Guest Lectures



**Dr. Srinivas Mutalik**  
Manipal University, Manipal

*Nano technology and  
Dendrimers*



**Dr. Nanjan**  
JSS College of Pharmacy, Ooty

*Prediction of metabolic and toxic  
properties of drug molecules by  
Lipinski's rule of five*



**Dr. Y.S. Agasimundin,**  
Gulbarga University

*Spectroscopic methods of  
analysis*



**Dr. Gundu Rao**  
President KSPC, Bengaluru

*Role of Pharmacists in Health  
Care*



## Workshops and Symposium



**Dr. M.K. Unnikrishnan**  
Manipal University, Manipal

*“Drug Development and  
Discovery”*



**Dr. B. Suresh**  
President, PCI

*“Recent Trends in Pharmacy  
Education”*



**Dr. Harikrishna Maram**  
CEO, Imperial College of  
Management, Bangalore.

*“India - A Land of Economic  
Opportunities”*



**Dr. B.G. Mahendra Kumar**  
KLE's College of Pharmacy,  
Belgaum

*Clinical Pharmacy- A tool to  
improve patient care*

## *National Seminar on “Recent trends and challenges in Pharmacovigilance”*



**Dr. Anand B Harugeri**  
Astra Zeneca, Bengaluru



**Mrs. Aparna Jayachandra**  
Novo Nordisk, Bengaluru



**Dr. Vineeth Shastri**  
Quintiles Ltd., Bengaluru



**Dr. Krunal K Bhakta**  
Quintiles Ltd., Bengaluru

## *National Seminar on “Modern Pharmaceutical Technology & Career Opportunities - An overview”*

**By, Mr. Krishnakumar S, BIOCON Ltd., Bengaluru**



*Paper and Poster Presentation by Staff and Students*



**Dr. Ekbote Maruthi T**  
**Professor, Department of Pharmacognosy**

*Presenting research work during  
National Seminar at Goa University*

**Pharm.D Students presenting research work**

*During 26<sup>th</sup> Indian Pharmaceutical  
Congress at Hyderabad*



**Pharm.D Students presenting research work**

*1st conference of KAPTICON, Vijayapura,  
Karnataka*



## Rallies



***“World No Tobacco Day” at Chitradurga city***



***“Dengue Awareness Program” at Medehalli village, Chitradurga.***



***“Drug Abuse and Illicit Trafficking” in association with District Chemists and Druggists Association, Chitradurga***



***“Medication Awareness Program” at Chitradurga city***

## *Health Awareness Programmes and Camps*



***On World Diabetes Day.  
at, Chitradurga***



***Tuberculosis Awareness Program  
at Doddasiddavanahalli village.***



***A Drama on "Dengue Awareness  
Program" at Doddasiddavanahalli,  
Chitradurga***



***Community Awareness Program on  
AIDS & How to keep the Adolescence  
Safe***



***Blood Donation Camp  
at SJM College of Pharmacy***



## Sports Meet



## Cultural Meet













## Achievements



**Gautami .B**

***Felicitated for securing  
Univeristy 1<sup>st</sup> Rank, during  
RGUHS 17<sup>th</sup> Convocation,  
March-2015.***

## Graduation Day






## Annexures

### Annexure No.- IP-1 : First Approval Copy from PCI

PHARMACY COUNCIL OF INDIA  
NEW DELHI-110002.

Ref.No.17-237/84-PCI/765-66 *Regd* Dated: - 1 / 11 / 84

✓ The President/Correspondence  
Jagadguru Mallikarjuna Murugharajendra,  
College of Pharmacy (J.M.C.P.),  
CHITRADURGA-577501 (Karnataka)



Subject:- PCI - Starting of two years Diploma course  
in Pharmacy at the J.M.M.College of Pharmacy,  
Chitradurga-577501.

...

Sir,

This has a reference to your letter dated 1-1-84  
and consequent inspection held on 15th January, 1985  
by Prof. C.K.Kokate and Prof. D.Rambhau  
A copy of the Inspection Report (1985) is enclosed for necessary  
~~action under advice by the Council~~ already forwarded to Principal,  
vide letter of even file dated 24.4.85.

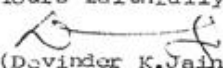
2. I am directed to inform you that after going through the  
Inspection Report in detail the council has no objection that they  
might commence admissions for the 1st year of Diploma course in  
Pharmacy with admission strength of forty students from 1984-85  
session subject to the condition that the management would comply  
with all the requirements of the Education Regulations and any  
further directions issued by this council.

3. please note that this letter does not imply that the course  
conducted by your institution is approved. Should there be any  
failure on your part to comply with the requirements of the  
Education Regulations in respect of completing the course contents  
and providing all the facilities, you are liable to forfeit the  
claim for approval of the course and examination at your institution.

4. In case your institution does not earn approval after the  
inspection of the first and final year examinations it shall be at  
your own entire risk and responsibility and of any consequential  
action thereof and no responsibility shall rest on this council.

Kindly acknowledge its receipt.


2  
7/2/86  
Encl: as above

Yours faithfully,  
  
(Devinder K.Jain)  
Secretary

& necessary action as  
forwarded to in continuation to this office letter Dt.24.4.1985.

1. The Chairman, Board of Examining Authority, C/o.Office of the Drugs  
Controller for the State of Karnataka, Palace Road, P.B.No.5377,  
Bangalore-560001.

**Annexure No.- IP-2 : Forwarded copy from RGUHS to UGC**

**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.  
Phone : 080-26961934, 080-26961395 Fax : 080-26961929  
website : www.rguhs.ac.in, E-mail : rguhstrs@rgmail.com

---

AUTH/UGC//462/2012-13  
Ref. : ..... Date : 21/02/2015

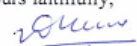
To,  
The Secretary,  
University Grants Commission,  
New Delhi

Sir,


Sub: Forwarding the application of SJM College of Pharmacy, Chitradurga  
for inclusion under section 2(f) of the UGC Act 1956.

With reference to the subject cited above, please find herewith the application and  
proposal in the prescribed proforma of SJM College of Pharmacy, Chitradurga  
for inclusion of the said institute under section 2(f) of the University of Grants Commission Act,  
1956.

Thanking you,

Yours faithfully,  
  
(Dr. D Prem Kumar)  
REGISTRAR


Copy to:  
✓ Principal, SJM College of Pharmacy, Chitradurga  
2. Guard file / office copy.

  
PRINCIPAL  
S-J. M. College of Pharmacy  
CHITRADURGA- 577 502

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## Annexure No.- IP-3 : Recognition from RGUHS


**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-35/2014-2015 01.09.2014

Ref. : ..... Date : .....

**NOTIFICATION**

**S J M COLLEGE OF PHARMACY, CHITRADURGA - 577 502**

Sub: Continuation of affiliation for B.Pharm, Pharm D, Pharm D (Post Baccalaureate) & M.Pharm courses for the year 2014-15.

Ref: 1 University notification dated: 10.10.2013 for B.Pharm, Pharm D, Pharm D (PB) & M.Pharm courses for the year 2013-14

2 Application dated: 25.09.2013 of the College for affiliation for B.Pharm, Pharm D, Pharm D (PB) & M.Pharm Courses for the year 2014-15

3 Minutes of the Syndicate Meeting held on 26.07.2014

4 GOK Order No. HFW 118 PTD 96, dated: 17.03.1996 granting permission for B.Pharm with an increase in intake from 40 to 60 seats from the year 1998-99

5 GOK Order No. HFW 300 PTD 2008 dated: 06.03.2009 granting permission to start Pharm D course with an intake of 30 (Thirty) seats from the year 2008-09

6 GOK Order No. HFW 314 PTD 2010 dated: 13.02.2012 granting permission to start Pharm D (Post Baccalaureate) course with an intake of 10 (Ten) seats from the year 2011-12

7 GOK Order No. HFW 284 PTD 2009 dated: 01.06.2010 granting permission to start M.Pharm course in Pharmacology with an intake of 06 (Six) seats from the year 2010-11

8 GOK Order No. HFW 339 PTD 2005, dated: 12.09.2006 granting permission to start M.Pharm course in Pharmaceutical Chemistry with an intake of 08 (Eight) seats from the year 2005-06

9 GOK Order No. HFW 316 PTD 2010 dated: 01.06.2011 granting permission to start M.Pharm course in Pharmaceutics with an intake of 18 (Eighteen) seats from the year 2010-11

10 PCI Letter No. 17-1/2013-PCI / 28817-855 dated: 20.09.2013 granting permission for B.Pharm course for admissions limited to 60 (Sixty) seats approved upto academic session 2015-16.

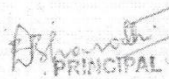
11 PCI Letter No. 50-88/2014-PCI / 14573-75 dated: 19.06.2014 granting approval for 30 (Thirty) admissions for Pharm D Course and Pharm D (Post Baccalaureate) course for admission limited to 10 (Ten) seats approved upto academic session 2016-17.

AICTE Extension of approval Letter F.No. South-West/1-2016282832/2014/EOA dated: 04.06.2014 granting permission for B.Pharm with an intake of 60 (Sixty) seats & M.Pharm courses in Pharmaceutical Chemistry with an intake of 10 (Ten) seats, M.Pharm in Pharmaceutics & Pharmacology with an intake of 18 (Eighteen) seats each approved for the year 2014-15.

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 (Post Baccalaureate) & the following M.Pharm Courses with an intake specified against each for the year 2014-15 at S J M College of Pharmacy, P.B. No. 47, SJMIT Campus, Chitradurga – 577 502.

Name of the Course	Intake
B. Pharm	60 (Sixty) seats
Pharm D	30 (Thirty) seats
Pharm D (Post Baccalaureate)	10 (Ten) seats

PTO

  
 PRINCIPAL

Annexure No.- IP-3 Recognition from RGUHS

ACA/PH-35/2014-2015

01.09.2014

M. Pharm Courses	
Pharmacology	06 (Six) seats
Pharmaceutical Chemistry	08 (Eight) seats
Pharmaceutics	18 (Eighteen) seats

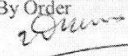

By Order  
Sd/-  
(Dr. D. Prem Kumar)  
REGISTRAR

To,

The Principal,  
S J M College of Pharmacy,  
P.B. No. 47, SJMIT Campus,  
Chitradurga - 577 502.

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, Janpath, 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  
  
(Dr. D. Prem Kumar)  
REGISTRAR  




## Annexures

### Annexure No.- IP-4 Approval Copies AICTE



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/1-2460102627/2015/EOA

Date: 07-Apr-2015

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 2015-16**

Ref: Application of the Institution for Extension of approval for the academic year 2015-16

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	1-2460102627
		Permanent Id	1-6684315
Name of the Institute	SJMM COLLEGE OF PHARMACY	Institute Address	NH4 BYE PASS PB NO. 47 CHITRADURGA - 577502, CHITRADURGA, CHITRADURGA, Karnataka, 577502
Name of the Society/Trust	S J M VIDYAPEETHA	Society/Trust Address	SRI BRUHANMUTT S J M VIDYAPEETHA NH4 BYE PASS CHITRADURGA-577 502 (KARNATAKA),CHITRADURGA,CHITRADURGA,Kar nataka,577502
Institute Type	Unaided - Private		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	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 2015-16

Application Number: 1-2460102627\*

Page 1 of 3

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:23 April 2015

Printed By : ae936031

## Annexure No.- IP-4 Approval Copies AICTE



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)

Application Id: 1-2460102627			Course	Full/Part Time	Affiliating Body	Intake 2014-15	Intake Approved for 15-16	NRI Approval status	PIO Approval status	Foreign Collaboration Approval status
Program	Shift	Level								
PHARMACY	1st Shift	POST GRADUATE	PHARMACEUTICAL CHEMISTRY	FULL TIME	Rajiv Gandhi University of Health Science, Bangalore	10	10	NA	NA	NA
PHARMACY	1st Shift	POST GRADUATE	PHARMACEUTICS	FULL TIME	Rajiv Gandhi University of Health Science, Bangalore	18	18	NA	NA	NA
PHARMACY	1st Shift	POST GRADUATE	PHARMACOLOGY	FULL TIME	Rajiv Gandhi University of Health Science, Bangalore	18	18	NA	NA	NA
PHARMACY	1st Shift	UNDER GRADUATE	PHARMACY	FULL TIME	Rajiv Gandhi University of Health Science, Bangalore	60	60	NA	NA	NA

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

The above mentioned approval is subject to the condition that SJMM 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.

Dr. Avinash S Pant

Application Number: 1-2460102627\*

Page 2 of 3

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:23 April 2015

Printed By : ae936031



Annexure No.- IP-5 Approval Copies of PCI

PHARMACY COUNCIL OF INDIA

(Constituted under the Pharmacy Act, 1948)

TELEGRAM : 'FARMCOUNCIL'  
TELEPHONE : 23239184, 23231348  
FAX No. : 011-23239184  
Email : pci@ndb.vsnl.net.in  
Website : www.pci.nic.in

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

Ref.No.17-1/2013-PCI

(To be published in the Gazette of India, Part - III, Section - 4)

The following resolutions passed by the Pharmacy Council of India in its

- 93<sup>rd</sup> Central Council meeting held on 20<sup>th</sup> & 21<sup>st</sup> July, 2013.
- 94<sup>th</sup> Central Council meeting held on 20<sup>th</sup> & 21<sup>st</sup> Aug., 2013.

DIPLOMA AND DEGREE IN PHARMACY

Resolution No.94/PCI/1425

"(1) In pursuance of the provisions of sub section (1) of section 12 of the Pharmacy Act, 1948 (8 of 1948), the Pharmacy Council of India declares the **Diploma and Degree** course in Pharmacy conducted by institutions mentioned below to be an approved course of study for the purpose of admission to an approved examination for **Diploma and Degree** course in Pharmacy in respect of number of students and academic session as specified here under:

Item No. / Course / Inspection No.	State/Course/ File No. Name of institutions	For admns. Limited to	Approved upto Academic Session	Name of the Examining Authority
Item No.-34 Degree IR No.7th (July, 2013)	KARNATAKA 32-88/2006-PCI SJM College of Pharmacy, JMIT Campus, NH-4 Bye Pass, Chitradurga - 577 502	60	2015-2016	The Registrar Rajiv Gandhi University of Health Sciences, Karnataka, 4 <sup>th</sup> 'T' Block, Jayanagar, Bangalore - 560 041

(2) In pursuance of the provisions of sub-section (2) of section 12 of the Pharmacy Act, 1948 (8 of 1948), the Pharmacy Council of India declares the Diploma and Degree Examination in Pharmacy held by the Examining Authorities mentioned against their name, during the session mentioned to be an approved examination for the purpose of qualifying for registration as a Pharmacist under the said Act."

(ARCHNA MUDGAL)  
Registrar-cum-Registrar

*R. Bharathi*  
PRINCIPAL  
S. J. M. College of Pharmacy  
CHITRADURGA - 577 502.



## Annexure No.- IP-5 Approval Copies of PCI

"(1) In pursuance of the provisions of sub-section (1) of section 12 of the Pharmacy Act, 1948 (8 of 1948), the Pharmacy Council of India declares the Diploma, Degree and Pharm.D (Post Baccalaureate) course in Pharmacy (as applicable) conducted by institutions mentioned below to be an approved course of study for the purpose of admission to an approved examination for Diploma, Degree and Pharm.D (Post Baccalaureate) course in Pharmacy in respect of number of students and academic session as specified here under:

(2) In pursuance of the provisions of sub-section (2) of section 12 of the Pharmacy Act, 1948 (8 of 1948), the Pharmacy Council of India declares the Diploma, Degree and Pharm.D (Post Baccalaureate) Examination in Pharmacy (as applicable) held by the Examining Authorities mentioned against their name, during the session mentioned to be an approved examination for the purpose of qualifying for registration as a Pharmacist under the said Act."

01.095.564 & 691: Consideration of the approval of Diploma / Degree / Pharm.D / Pharm.D (Post Baccalaureate) course and examination in pharmacy at the undermentioned institutions -  
01.095.565 & 690:  
01.095.566 & 692:


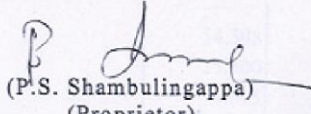
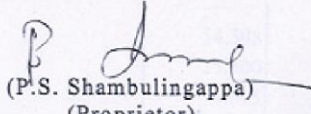
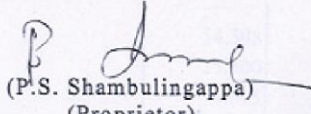
It was decided to extend /grant the approval to Diploma / Degree / Pharm.D / Pharm.D (Post Baccalaureate) course and examination in pharmacy -

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.- 564 and 691 Pharm.D and Pharm.D (P.B) IR No.8 <sup>th</sup> (Feb.,2014)	KARNATAKA Pharm.D 50-88/2014-PCI Sri Jagadguru Mallikarjuna Murugharajendra College of Pharmacy SJMIT Campus, NH-4, Chitradurga - 577 502.	30	From 2008-2009 to 2016-2017 (For Pharm.D.)	The Registrar Rajiv Gandhi University of Health Sciences, Karnataka, 4 <sup>th</sup> T <sup>h</sup> Block, Jayanagar, Bangalore - 560 041.	Basaveswara Medical College & Hospital Chitradurga - 577 502.	
	Pharm.D. (PB) 50-88/2014-PCI Sri Jagadguru Mallikarjuna Murugharajendra College of Pharmacy SJMIT Campus, NH-4, Chitradurga - 577 502.	10	From 2011-2012 to 2016-2017 (For Pharm.D. (PB)			

*Handwritten signature*



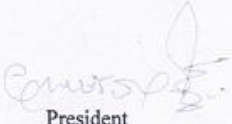
**Annexure No.- IP-6 Audit Report : Audit Report 10-11**

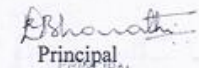
	<p><b>SHAMBULINGAPPA &amp; Co.,</b> 10-11  <b>CHARTERED ACCOUNTANTS</b></p>	<p>Ph : (08194) 222861 (O), 223245 (R)  e-mail : pshambhu@rediffmail.com</p>		
<p><b><u>AUDITORS' REPORT</u></b></p>				
<p>1. We have audited the attached Balance Sheet of the, <b>SRI JAGADGURU MALLIKARJUNA MURUGARAJENDRA COLLEGE OF PHARMACY, (SJM-P), CHITRADURGA.</b> as at 31 March 2011, Income and Expenditure Account and Receipt and Payment Account for the year ended on that date, annexed thereto. These Financial statements are the responsibility of the <b>SJM-P Management.</b> Our responsibility is to express an opinion on these financial statements based on our audit.</p> <p>2. We conducted our audit in accordance with auditing standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.</p> <p>3. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.</p> <p>4. In our opinion, proper books of account have been kept by the <b>SJM-P</b>, so far as it appears from our examination of those books.</p> <p>5. The Balance Sheet and the Income and Expenditure account dealt with by this report are in agreement with the books of account.</p> <p>6. In our opinion and to the best of information and according to the explanations given to us, the accounts read with the schedule and notes thereon give a true and fair view:</p>				
<p>a) In the case of the Balance Sheet, of the state of affairs of the <b>SJM-P</b>, as at 31 March 2011</p> <p style="text-align: center;">And</p> <p>b) In the case of Income and Expenditure Account, of the <b>Surplus</b>, for the year ended on that date.</p>				
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Place : CHITRADURGA  Date : 27 May 2011</p> </td> <td style="width: 50%; vertical-align: top; text-align: right;"> <p>For Shambulingappa &amp; Co.,  Chartered Accountants,  (Registration No.003751S)</p> <p>  (P.S. Shambulingappa)  (Proprietor)  Membership No.018597</p> </td> </tr> </table>			<p>Place : CHITRADURGA  Date : 27 May 2011</p>	<p>For Shambulingappa &amp; Co.,  Chartered Accountants,  (Registration No.003751S)</p> <p>  (P.S. Shambulingappa)  (Proprietor)  Membership No.018597</p>
<p>Place : CHITRADURGA  Date : 27 May 2011</p>	<p>For Shambulingappa &amp; Co.,  Chartered Accountants,  (Registration No.003751S)</p> <p>  (P.S. Shambulingappa)  (Proprietor)  Membership No.018597</p>			
<p>II Floor, Sannappa Complex, New Santhe Maidan, CHITRADURGA - 577 501, Karnataka</p>				

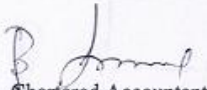
## Annexures

### Annexure No.- IP-6 Audit Report : Expenditure Report 10-11

<b><u>SRI JAGADGURU MALLIKARJUNA MURUGARAJENDRA</u></b> <b><u>COLLEGE OF PHARMACY, CHITRADURGA</u></b> <b><u>SJM VIDYAPEETHA (R.), CHITRADURGA</u></b> <b><u>INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31 MARCH 2010</u></b>	
<b>INCOME</b>	<b>₹</b>
By Fee Collections	17,609,614
" Other Income	84,713
<b>Total</b>	<b>17,694,327</b>
<b>EXPENDITURE</b>	
To Salary and Other Benefits to Employees	9,138,788
" Fee Expenses and Refunds	1,127,957
" Office and Administrative Expenses	629,394
" Affiliation Fee	724,000
" Repairs and Maintenance	1,540,906
" Other Expenses	224,349
" SJM Society Building Loan Interest	349,838
" Depreciation	756,169
" Net Surplus for the year	3,202,926
<b>Total</b>	<b>17,694,327</b>

  
President  
S.J.M. Vidyapeetha  
Chitradurga.  
Date : 27 May 2011

  
Chief Executive  
Principal  
S. J. M. College of Pharmacy  
Chitradurga - 573 552


For Shambulingappa & Co.,  
  
Chartered Accountant



**Annexure No.- IP-6 Audit Report : Audit Report 11-12**

original

11-12

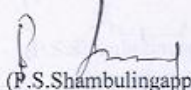
 **SHAMBULINGAPPA & Co.,**  
CHARTERED ACCOUNTANTS

Ph : (08194) 222861 (O), 223245 (R)  
e-mail : psshambhu@rediffmail.com

**AUDITORS' REPORT**

1. We have audited the attached Balance Sheet of the **SRI JAGADGURU MALLIKARAJUNA MURUGARAJENDRA COLLEGE OF PHARMACY, (SJM-P), CHITRADURGA.** as at 31 March 2012, Income and Expenditure Account and Receipt and Payment Account for the year ended on that date, annexed thereto. These Financial statements are the responsibility of the **SJM-P, Management.** Our responsibility is to express an opinion on these financial statements based on our audit.
2. We conducted our audit in accordance with auditing standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.
3. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
4. In our opinion, proper books of account have been kept by the **SJM-P**, so far as it appears from our examination of those books.
5. The Balance Sheet and the Income and Expenditure account dealt with by this report are in agreement with the books of account.
6. In our opinion and to the best of information and according to the explanations given to us, the accounts read with the schedule and notes thereon give a true and fair view:
  - a. In the case of the Balance Sheet, of the state of affairs of the **SJM-P**, as at 31 March 2012
  - And
  - b. In the case of Income and Expenditure Account, of the **Surplus** for the year ended on that date.

For Shambulingappa & Co.,  
Chartered Accountants,  
(Registration No.003751S)

  
(P.S. Shambulingappa)  
(Proprietor)  
Membership No.018597

Place : CHITRADURGA  
Date : 29 May 2012

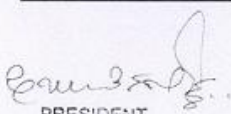
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II Floor, Sannappa Complex, New Santhe Maidan, CHITRADURGA - 577 501, Karnataka

## Annexures

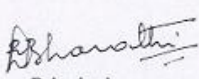
### Annexure No.- IP-6 Audit Report : Expenditure Report 11-12

<b>SRI JAGADGURU MALLIKARJUNA MURUGARAJENDRA COLLEGE OF PHARMACY CHITRADURGA</b>	
<b>SJM VIDYAPEETHA @, CHITRADURGA</b>	
<b><u>INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31 MARCH 2012</u></b>	
<b>INCOME</b>	<b>₹</b>
By Fee Collections	17,806,619
" Other Income	30,726
<b>Total</b>	<b>17,837,345</b>
<b>EXPENDITURE</b>	
To Salary and Other Benefits to Employees	10,549,246
" Fee Expenses and Remittances	1,603,160
" Office and Administrative Expenses	425,009
" Affiliation Fee	659,000
" Repairs and Maintenance	761,772
" Other Expenses	341,082
" SJM Society Building Loan Interest	561,669
" Depreciation	627,126
" Net Surplus for the year	2,309,281
<b>Total</b>	<b>17,837,345</b>

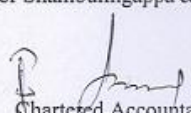
  
PRESIDENT  
SJM VIDYAPEETHA  
CHITRADURGA

Date : 29 May 2012

Executive Director

  
Principal  
Principal  
S.J.M. College of Pharmacy  
Chitradurga - 577 502


For Shambulingappa & Co.,

  
Chartered Accountant



Annexure No.- IP-6 Audit Report : Audit Report 12-13

12-13.

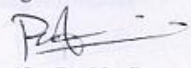
 **PRABHOD KULKARNI & CO**  
CHARTERED ACCOUNTANTS

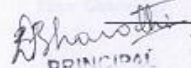
**CA Prabhod** Bcom F CA  
Mobile : 9845637633  
Email: Prabhod@sify.com

**AUDIT REPORT**

1. I have audited the attached Balance Sheet of the **SRI JAGADGURU MALLIKARJUNA MURUGHARAJENDRA COLLEGE OF PHARMACY CHITRADURGA** as at **31 March 2013**, Income and Expenditure account and Receipt and Payment account for the year ended on the date, annexed thereto, these financial statements are the responsibility of the **SJM-P**, management. My responsibility is to express an opinion on these financial statements based on my audit.
2. I conducted my audit in accordance with auditing standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the final statements are free of material misstatement. An audit includes examining on test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statements presentation. I believe that my audit provides a reasonable basis for my opinion.
3. I have obtained all the information and explanations, which to the best of our Knowledge and belief were necessary for the purpose of my audit.
4. In my opinion, proper books of account have been kept by the **SJM-P**, so far as it appears from my examination of those books.
5. The balance sheet and the Income and Expenditure account dealt with by this report are in agreement with the books of account.
6. In my opinion and to best of information and according to the explanations given to me, the accounts read with the schedules and notes thereon give a true and fair view:
  - a) In the case of the balance sheet, of the state of affairs of **SJM-P** as at 31 March 2013  
And
  - b) In the case of Income and Expenditure Account, of the **Deficit** for the year ended on the date.

Date: 10.07.2013  
Place: CHITRADURGA

For Prabhod Kulkarni & Co.,  
Chartered Accountants  
Firm Regn. No. 011243S  
  
(CA Prabhod)  
Proprietor (M.No. 216408)

  
PRINCIPAL  
"Sri Basaveshwara Nilaya", 1<sup>st</sup> Floor, 1<sup>st</sup> Cross, V.P. Extension,  
Chitradurga - 577501  
R.J.M. College of Pharmacy,  
CHITRADURGA - 577502.

## Annexures

### Annexure No.- IP-6 Audit Report : Expenditure Report 12-13

SRI JAGADGURU MALLIKARJUNA MURUGARAJENDRA COLLEGE OF PHARMACY CHITRADURGA					
SJM VIDYAPEETHA @, CHITRADURGA.					
INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2013					
EXPENDITURE	RUPEES		INCOME		RUPEES
To Office & Administration Exp	1,081,293.00		" Fees Collection		15,774,616.00
" Fees Expenses	1,579,520.00		" Bank Interest		16,299.00
" Salary & Other Benefits	11,451,576.00		" Deficit For The Year		738,703.60
" Affiliation fees	714,500.00				
" Other Expenses	352,394.00				
" Repairs Maintenance	366,809.00				
" Interest on SJM Society Building Loan	447,756.00				
" Depreciation	535,770.60				
	16,529,618.60				16,529,618.60
BALANCE SHEET AS AT 31.03.2013					
Income & Expenditure A/c			Cash & Bank Balance		
B/f From Last Year	7,630,735.00		Canara Bank-0479101016664	5,771.00	
Less:Defecit	738,703.60		Canara Bank-0479101027440	1,027.00	
Less:Difference In Books	4.00		Corporation Bank-01/011283	221,094.60	
Less : Adjustment To Staff TDS	203,000.00	6,689,027.40	SJM Society-51	125,414.40	
Secured Loans			Vysya Bank-2841036	910.00	
S J M Cr Co-op Society Building Loan		2,865,887.00	N S S	1,000.00	
Student Fee Advance		25,000.00	Cash In Hand	40,247.00	395,464.00
Karnataka Gnana Ayoga		27,675.00	Fixed Assets		
Scholarship		20,000.00	Gross Block	4,247,747.00	
			Less:Depreciation	535,770.60	3,711,976.40
			Principal		59,444.00
			S J M Vidyapeeta		5,390,000.00
			Staff Advance		25,496.00
			Deposits		45,209.00
		9,627,589.40			9,627,589.40
As Per my Report of Even Date					
For , PRABHOD KULKARNI & Co.,					
Chartered Accountants					
Firm Reg No ; 011243S					
CA.PRABHOD					
Proprietor					
Mem No 216408					
Date :10.07.2013					
Place: Chitradurga					



**Annexure No.- IP-6 Audit Report : Audit Report 13-14**

13-14

**CA** PRABHOD KULKARNI & CO  
CHARTERED ACCOUNTANTS

CA Prabhod Bcom FCA  
Mobile : 9845637633  
Email: Prabhodskm@Gmail.com

AUDIT REPORT

1. I have audited the attached Balance Sheet of the **SRI JAGADGURU MALLIKARJUNA MURUGHARAJENDRA COLLEGE OF PHARMACY CHITRADURGA** as at **31 March 2014**, Income and Expenditure account and Receipt and Payment account for the year ended on the date, annexed thereto, these financial statements are the responsibility of the **SJM-P**, management. My responsibility is to express an opinion on these financial statements based on my audit.
2. I conducted my audit in accordance with auditing standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the final statements are free of material misstatement. An audit includes examining on test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statements presentation. I believe that my audit provides a reasonable basis for my opinion.
3. I have obtained all the information and explanations, which to the best of our Knowledge and belief were necessary for the purpose of my audit.
4. In my opinion, proper books of account have been kept by the **SJM-P**, so far as it appears from my examination of those books.
5. The balance sheet and the Income and Expenditure account dealt with by this report are in agreement with the books of account.
6. In my opinion and to best of information and according to the explanations given to me, the accounts read with the schedules and notes thereon give a true and fair view:
  - a) In the case of the balance sheet, of the state of affairs of **SJM-P** as at 31 March 2014
  - And
  - b) In the case of Income and Expenditure Account, of the **Surplus** for the year ended on the date.

For Prabhod Kulkarni & Co.,  
Chartered Accountants  
Firm Regn. No. 011243S

(CA Prabhod)  
Proprietor (M.No. 216408)

Date: 27.07.2014  
Place: CHITRADURGA

#8 " Pravasi Nilaya Building ", 1<sup>st</sup> Floor, B.D.Road,  
Chitradurga - 577501

## Annexures

### Annexure No.- IP-6 Audit Report : Expenditure Report 13-14

SRI JAGADGURU MALLIKARJUNA MURUGARAJENDRA COLLEGE OF PHARMACY CHITRADURGA

SJM VIDYAPEETHA @, CHITRADURGA.

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2014

EXPENDITURE	RUPEES	INCOME	RUPEES
Office & Administration Exp	25,09,108	By Fees Collection	2,30,80,953
Fees Expenses	21,68,917	" Bank Interest	8,071
Salary & Other Benefits	1,13,09,669		
Affiliation fees	5,60,500		
Other Expenses	3,91,407		
Repairs & Maintainance	6,95,615		
Interest on SJM Society Build., Loan No 117	3,21,764		
Depreciation	5,90,927		
Net Surplus	45,41,117		
<b>TOTAL</b>	<b>2,30,89,024</b>	<b>TOTAL</b>	<b>2,30,89,024</b>

BALANCE SHEET AS AT 31.03.2014

LIABILITIES	Rupees	ASSETS	Rupees
ome & Expenditure A/c		Fixed Assets	
f From Last Year	66,89,027	Gross Block	48,99,770
d:Net Surplus	45,41,117	Less:Depreciation	5,90,927
S T Grant			43,08,843
		Deposits & Advances	74,09,597
dry Liabilities	19,35,342	<b>Cash &amp; Bank Balance</b>	
		Canara Bank-0479101016664	5,771
		Canara Bank-0479101027440	1,027
		Corporation Bank-01/011283	7,950
		SJM Society-51	86,104
		Vysya Bank-2841036	910
		N S S	1,000
		S.B.I. BANK	13,22,783
		S B M BANK	10,01,000
		Cash in hand	20,501
<b>Total</b>	<b>1,41,65,486</b>	<b>Total</b>	<b>1,41,65,486</b>

As Per my Report of Even Date

For, PRABHOD KULKARNI & Co.,

Chartered Accountants

Firm Reg No ; 011243S

CA. PRABHOD

Proprietor

Mem No 216408

*Abholaathi*  
PRINCIPAL

Sri J. M. College of Pharmacy,  
CHITRADURGA - 577 502.


ate :25/07/2014

ace: Chitradurga



**Annexure No.- IP-6 Audit Report : Audit Report 14-15**

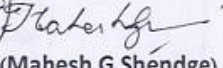
14-15


 **Mahesh G Shendge & CO**  
CHARTERED ACCOUNTANTS

**Mahesh G Shendge** FCA, ICAI, JRM.  
Mobile : 9448112523  
Email: mahesh\_g\_shendge@rediffmail.com

**AUDIT REPORT**

1. We have audited the attached Balance Sheet of the **SRI JAGADGURU MALLIKARJUNA MURUGHARAJENDRA COLLEGE OF PHARMACY CHITRADURGA** as at **31 March 2015**, Income and Expenditure account and Receipt and Payment account for the year ended on the date, annexed thereto, These financial statements are the responsibility of the **SJM-P**, management. Our responsibility is to express an opinion on these financial statements based on Our audit.
2. We conducted Our audit in accordance with auditing standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the final statements are free of material misstatement. An audit includes examining on test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statements presentation. We believe that Our audit provides a reasonable basis for Our opinion.
3. We have obtained all the information and explanations, which to the best of our Knowledge and belief were necessary for the purpose of Our audit.
4. In Our opinion, proper books of accounts have been kept by the **SJM-P**, so far as it appears from Our examination of those books.
5. The balance sheet and the Income and Expenditure account dealt with by this report are in agreement with the books of account.
6. In Our opinion and to best of information and according to the explanations given to Us, the accounts read with the schedules and notes thereon give a true and fair view:
  - a) In the case of the balance sheet, of the state of affairs of **SJM-P** as at 31 March 2015
  - And
  - b) In the case of Income and Expenditure Account, of the **Surplus** for the year ended on the date.

**For Mahesh G Shendge & CO**  
Chartered Accountants  
Firm Regn. No. 006926s  
  
(Mahesh G Shendge)  
Proprietor (M.No. 203916)



Date: 05.06.2015  
Place: CHITRADURGA

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“ 1<sup>st</sup> Floor, Muslim Hostel Complex, Ambedkar Circle,  
DAVANGERE – 577002

## Annexures

### Annexure No.- IP-6 Audit Report : Expenditure Report 14-15

SRI JAGADGURU MALLIKARJUNA MURUGARAJENDRA COLLEGE OF PHARMACY CHITRADURGA  
SJM VIDYAPEETHA @, CHITRADURGA.

**INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2015**

EXPENDITURE	RUPEES	INCOME	RUPEES
To Fees Expenditure	3,787,612	* Fees Collection	26,960,11
* Office & Administration Exp	2,033,454	* Other Income	30,00
* Salary & Other Benefits	11,889,245	* Affiliation Fee (Excess Refunded)	50,00
* Affiliation Fees	719,500	* Bank Interest	17,70
* Repairs & Maintenance	719,018		
* Other Expenses	371,237		
* Interest on SJM Society Building Loan	197,337		
* Net Surplus	7,340,516		
<b>Total</b>	<b>27,057,919</b>	<b>Total</b>	<b>27,057,91</b>

**BALANCE SHEET AS AT 31.03.2015**

LIABILITIES	RUPEES	ASSETS	RUPEES
Income & Expenditure A/c		Fixed Assets	6,298,70
B/f From Last Year	11,230,144	Deposits & Advance	11,916,49
ADD.Net Surplus	7,340,516	Cash & Bank Balance	
		Canara Bank-0479101016664	69
V G S T Grant		Corporation Bank-01/011283	258,789
Sundry Liabilities	1,412,413	NSS A/C	1,000
		S.B.I. Bank	1,262,907
		S.B.M. Bank	42,368
		SJM Society-51	1,198,123
		Cash In Hand	4,616
<b>Total</b>	<b>20,983,073</b>	<b>Total</b>	<b>20,983,073</b>

As Per my Report of Even Date  
For , Mahesh G Shendge & Co.,  
Chartered Accountants  
Firm Reg No ; 006926s  
*Mahesh G Shendge*  
CA.Mahesh G Shendge  
Proprietor  
Mem No 203916

Date .05/06/2015  
Place. Chitradurga

*Shobharathi*  
29/07/2015  
PRINCIPAL  
S. J. M. College of Pharmacy,  
CHITRADURGA - 577 592



