



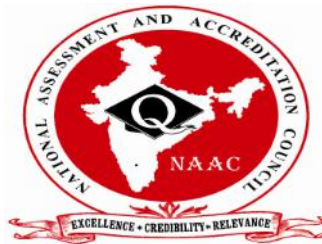
# **PES COLLEGE OF PHARMACY**

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## **The Annual Quality Assurance Report (AQAR)**

**2016-17**

Submitted to



### **NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission*

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

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**Part – A**

**1. Details of the Institution**

1.1 Name of the Institution

PES College of Pharmacy

1.2 Address Line 1

50 Feet Road, Hanumanthanagar

Address Line 2

BSK I Stage

City/Town

Bengaluru

State

Karnataka

Pin Code

560050

Institution e-mail address

pescp@pes.edu

Contact Nos.

080-26600741 / 080-26600113

Name of the Head of the Institution:

Prof. Dr. S. Mohan

Tel. No. with STD Code:

080-26600741

Mobile:

944887087

Name of the IQAC Co-ordinator:

Prof Dr.J. Saravanan

Mobile:

9880118910

IQAC e-mail address:

pescpiqac2016@gmail.com

NAAC/SS-SR/Cycle-1, KACOGN22742/2015

**KACOGN22742/2015**  
NAAC/SS-SR/Cycle-1, KACOGN22742/2015

1.3 NAAC Track ID (For ex. MHCOGN 18879)

1.4 NAAC Executive Committee No. & Date:  
(For Example EC/32/A&A/143 dated 3-5-2004.  
This EC no. is available in the right corner- bottom  
of your institution's Accreditation Certificate)

**EC(SC)/14/A&A/25.1, Dated:  
29.03.2016**

1.5 Website address:

www.pescp.pes.edu

Web-link of the AQAR:

<http://pescp.pes.edu/pdf/2017/PESCP-AQAR%202017.pdf>

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B	2.76	2016	2021
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY

16-04-2016

1.8 AQAR for the year (for example 2010-11)

2016-2017

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR \_\_\_\_\_ NA \_\_\_\_\_ (DD/MM/YYYY) 4
- ii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

### 1.10 Institutional Status

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College  Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

Financial Status Grant-in-aid  UGC 2(f)  UGC 12B

Grant-in-aid + Self Financing  Totally Self-financing

### 1.11 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

Pharmaceutical Sciences

### 1.12 Name of the Affiliating University (*for the Colleges*)

Rajiv Gandhi University of Health Sciences, Bangalore

### 1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University  NA

University with Potential for Excellence

NA

UGC-CPE

NA

DST Star Scheme	NA	UGC-CE	NA
UGC-Special Assistance Programme	NA	DST-FIST	NA
UGC-Innovative PG programmes	NA	Any other ( <i>Specify</i> )	Private
UGC-COP Programmes	NA		

## **2. IQAC Composition and Activities**

2.1 No. of Teachers	12		
2.2 No. of Administrative/Technical staff	03		
2.3 No. of students	02		
2.4 No. of Management representatives	01		
2.5 No. of Alumni	02		
2.6 No. of any other stakeholder and community representatives	03		
2.7 No. of Employers/ Industrialists	01		
2.8 No. of other External Experts	01		
2.9 Total No. of members	25		
2.10 No. of IQAC meetings held			
2.11 No. of meetings with various stakeholders:	04	No.	04 Faculty
Non-Teaching Staff	04	Students	04
Alumni	NA	Others	
2.12 Has IQAC received any funding from UGC during the year?	Yes	No	
If yes, mention the amount	NA		√

### 2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.  International  National  State  Institution Level

(ii) Themes

1. Basic Techniques in Pre-Clinical Studies - Thursday the 21<sup>th</sup> January 2017
2. Recent Development in Quality by Design of Pharmaceutical Products" - Thursday 18th February 2017
3. Basic techniques in First Aid" on Saturday the 18<sup>th</sup> March 2017

### 2.14 Significant Activities and contributions made by IQAC

- Conducted regular quarterly meetings with specific agenda and review the work done by all the departments
- Orientation sessions were conducted for the faculty and periodical meetings/discussions with department faculty representatives were conducted to collate the data pertaining to various activities of the departments.
- The writing process was carried out by the different committees, led by a member of the IQAC.
- All the major committees of the College are represented in the IQAC.
- The IQAC has been coordinating the visits of teams of faculty members from several institutions for guest lecture.
- The IQAC has been involved in preparing many reports highlighting the activities of the college.

### 2.15 Plan of Action by IQAC/Outcome

The plan of action by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year

Plan of Action	Achievements
Applied for various research grants to different apex bodies like DST, AICTE, RGUHS etc., Industrial Research Projects, Seminars/ Workshops, Industrial trips, training, placements,	1. Received Rs.60000/ from RGUHS towards the conduct of two work shops 2. Received Rs.3,42,000-00 from various companies.
Preparation of Academic calendar of the college for quality enhancement -.	Prepared Academic Calendar for the academic year 2016- 17 and monitored the various programmes organised as per given schedule
Preparation of subject wise Annual Teaching..	Plans Actual implementation of Annual Teaching Plans' was monitored by filling the Monthly Progress Reports throughout the

	academic year
Organization of various Seminars and Workshops	Organised conferences, seminars and workshops as per planning. ( Details are given in 2.13 )

\* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes  No   
Management  Syndicate  Any other body

Provide the details of the action taken

The suggestions recommended by the NAAC inspectors were implemented during this academic year, such as: students are empowered with more knowledge and skills for the present job market.

The AQAR was approved by the members of Governing council and by the management

### Part – B

#### Criterion – I

#### 1. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
Ph. D	04	00	√	00
PG	04	00	√	00
Pharm D. Post Baccalaureate	01	00	√	00
UG (B. Pharm & Pharm D)	02	00	√	00
PG Diploma	00	00	00	00
Advanced Diploma	00	00	00	00
Diploma	00	00	00	00
Certificate	00	00	00	00
Others	00	00	00	00
<b>Total</b>	<b>11</b>	<b>00</b>	<b>04</b>	<b>00</b>

Interdisciplinary	00	00	00	00
Innovative	00	00	00	00

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	00
Trimester	
Annual	11

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students   
(On all aspects)

Mode of feedback : Online  Manual  Co-operating schools

(for PEI)

*\*Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

B. Pharm Curriculum revised in 2014-15 M. Pharm Curriculum revised in 2014-15 Changeover from Annual to semester scheme from 2017-18
--

1.5 Any new Department/Centre introduced during the year. If yes, give details.

No

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
29	21	01	07	NIL

2.2 No. of permanent faculty with Ph.D.

09

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
07	06	NIL	NIL	NIL	NIL	NIL	NIL	07	06

2.4 No. of Guest and Visiting faculty and Temporary faculty

44	05	05
----	----	----



2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	05	16	09
Presented papers	02	NIL	NIL
Resource Persons	NIL	NIL	01

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Student centric learning:

CWQIP: Campus Wide Quality Improvement Programme

- ❖ SASP: Student Academic Support Programme.
- ❖ TSDP: Total Student Development Programme.
- ❖ GSDP: Gifted Student Development Programme.
- ❖ Blending learning with e-resources through Digital & Helinet Library.
- ❖ Objective Structures Clinical Examination Module (OSCE) in Pharmacy Practice department
- ❖ Concretization and Enrichment of learning experiences through mandatory assignments and seminar presentations.
- ❖ Fostering the culture of knowledge acquisition through wider self exposure to latest knowledge through the library and on-line subscribed books and journals.

2.7 Total No. of actual teaching days during this academic year 203

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Weekly test for theory and day to day evaluation of practical work

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development 04 01 08  
as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students 85%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B. Pharm	309	19	46	NIL	NIL	65
Pharm. D	127	32	57	NIL	NIL	89
Pharm. D PB	06	50	50	NIL	NIL	100
M. Pharm	50	68	28	NIL	NIL	96

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- Feedbacks are regularly taken by IQAC department from various stakeholders.
- IQAC committee meetings are discussed by head and faculty of the department.
- Revision of the faculty academic excellence through students, by feedback mechanism and self-appraisal. Effective implementation of Campus Wide Quality Improvement Program – CWQIP to ensure quality teaching.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	NIL
UGC – Faculty Improvement Programme	NIL
HRD programmes	NIL
Orientation programmes	29
Faculty exchange programme	NIL
Staff training conducted by the university	02
Staff training conducted by other institutions	11
Summer / Winter schools, Workshops, etc.	10
Others- Pharma exhibition	09

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	05	NIL	NIL	NIL
Technical Staff	22	NIL	NIL	NIL

## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- Institution has received RGUHS (University) research grants worth 22.7 lakhs
- Various staff members are encouraged to apply for funding of projects from VGST (K-FIST), AICTE (RPS & MODROBS), DST (FIST), KCTU, SERB
- Faculties are encouraged to register for Ph.D
- Promotion of consultancy services
- Departments to organise workshops/seminars
- Collaborative Research projects for Post Graduate students with industries

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	---	---	---	12
Outlay in Rs. Lakhs	---	---	---	195

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	03	05	---	---
Outlay in Rs. Lakhs	0.12	22.7	---	---

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	34	07	---
Non-Peer Review Journals	---	---	---
e-Journals	---	---	---
Conference proceedings	---	01	---

#### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

#### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	No.	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects	05	RGUHS	22.7 L	22.7 L
Interdisciplinary Projects				
Industry sponsored	13	BPRL/Sahajananad Suguna, Ayurwin, Vasishtha	13.57 L	3.42 L
Projects sponsored by the University/ College	26	PESCP	7.8 L	7.8 L

Students research projects (other than compulsory by the University)	12	BPRL/Sahajananad Suguna, Ayurwin, Vasishta	3.42 L	
Any other(Specify)				
Total	56		36.27	26.12

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP   CAS DST-FIST

DPE  DBT Scheme/funds

3.9 For colleges Autonomy  CPE  DBT Star Scheme

INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	03	-	-	-
Sponsoring agencies	-	RGUHS, PES	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency

From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	NIL
	Granted	NIL
International	Applied	NIL
	Granted	NIL
Commercialised	Applied	NIL
	Granted	NIL

3.17 No. of research awards/ recognitions received by faculty and research fellows  
Of the institute in the year

Total	International	National	State	University	Dist	College
---	---	---	---	---	---	---

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

06

03

3.19 No. of Ph.D. awarded by faculty from the Institution

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3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF --- SRF --- Project Fellows --- Any other ---

3.21 No. of students Participated in NSS events:

University level --- State level ---

National level --- International level ---

3.22 No. of students participated in NCC events:

University level --- State level ---

National level --- International level ---

3.23 No. of Awards won in NSS:

University level --- State level ---

National level --- International level ---

3.24 No. of Awards won in NCC:

University level --- State level ---

National level --- International level ---

### 3.25 No. of Extension activities organized

University forum  College forum   
 NCC  NSS  Any other

### 3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Sl. No.	Major Activities	conducted by	Date	Venue
1.	“International Women's Day”	III Pharm.D	08/03/2016	Kidwai Memorial Institute of Oncology, Bengaluru
2.	Teachers Day	II Pharm D	05-09-2016	PES College of Pharmacy
3.	World's literacy day	II B-Pharm	08-09-2016	PES College of Pharmacy
4.	Swatch Bharat programme	IV Pharm D and I M. Pharm	29/09/2016	PESCP campus Parking Area.
5.	International day of elderly	III B Pharm	01/10/2016	Om Ashram, JP Nagar
6.	Blood donation camp	NSS team	07-11-2016	PES College of Pharmacy
7.	World's aids day	II B-Pharm	5-12-2016	Hanumanthanagar and Srinagar, Bengaluru
8.	Essay, elocution and slogan/poster competitions	IV Pharm D	22/12/2016	PESCP Auditorium
9.	National Farmers' Day Celebration	IV B.Pharm	23/12/2016	Sadali village, Chikkaballapur district
10	Free hypertension and Diabetes Mellitus at Lalbagh Gardens	Pharm. D	20/01/2017 21/01/2017	Lalbagh Gardens Bengaluru
11	National Youth Day	I B Pharm	23.01.2017	PES College of Pharmacy in collaboration with Disha Foundation
12	National Science Day	I B Pharm	01/03/2017	Government higher primary school,
13	Aspiration 2017	All courses	18/02/2017	PES University Auditorium, Dr. M.R.D. Block

### Criterion – IV

#### 4. Infrastructure and Learning Resources

##### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	2.5 acres	-	-	2.5 acres
Class rooms	12	-	-	12

Laboratories	18 (UG) 8(PG)	-	-	26
Seminar Halls	05	-	-	05
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	02			
Value of the equipment purchased during the year (Rs. in Lakhs)	1.3			
Others	Nil			

#### Annexure-

#### 4.2 Computerization of administration and library

The library is equipped with reading place, computers with internet, multimedia, helinet (RGUHS) facilities. Books are bar-coded. Software- Lib-soft is utilized for the smooth functioning of library work.

The website provides the downloadable application for admission. All communications are through email, day to day attendance is marked on IPOMO. For all purposes ICT is used to the maximum.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value Rs	No.	Value Rs	No.	Value Rs
Text Books	5406	2300000	57	10000	5463	2310000
Reference Books	627	1079000	14	63000	711	1142000
e-Books	-	-	-	-	-	-
Journals	374	769628	24	66493	398	836121
e-Journals	-	-	220	400000	220	400000
Digital Database	-	-	-	-	-	-
CD & Video	61		01		62	
Others (specify)	-	-	-	-	-	-

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	69	29	69	-	-	05	24	11
Added								
Total	69	29	69			05	24	11

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

\* IT Service Management

- \* Information Security
- \* Network Security
- \* Risk Management
- \* Software Asset Management
- \* Open Source Resources

Annexure-

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- a. Faculty training of online internal marks entry to RGUHS.
- b. Faculty training on digital valuation of UG/PG annual exam answer scripts.
- c. Faculty and students training on use of Helinet facility in the digital library.
- d. Faculty training on use of IPOMO for taking attendance.

4.6 Amount spent on maintenance in lakhs :

i) ICT	3.084
ii) Campus Infrastructure and facilities	1.0
iii) Equipments	1.3
iv) Others	1.0
<b>Total:</b>	<b>6.384</b>

**Criterion – V**

## **5. Student Support and Progression**

### **5.1 Contribution of IQAC in enhancing awareness about Student Support Services**

While the IQAC has appreciated the inherent student support services available in the institution, has emphasized the need of increasing the participation of the needy students. This has been possible by the student members in IQAC and parents. The need for involvement of more student members in various academic committees has been emphasized. The student support services like SASP, GSDP, Mentor meetings, and foreign student cell have been publicised through announcements on notice boards and circulars. Based on the need, lectures and workshops have been arranged for personality development, communication skills etc.

### **5.2 Efforts made by the institution for tracking the progression**

In order to ensure better performance, in the annual examination, weekly class tests are conducted, evaluated & based on the performance guidance is provided. The institution is able to keep track of the improvements made or otherwise by the individual students and the same is



discussed with the students while the report is mailed to the parents. Tutorial classes provide the opportunity for students to improve their performances.

5.3 (a) Total Number of students	UG	PG	Ph. D.	Others
	513	50	05	--

(b) No. of students outside the state 

199
-----

(c) No. of international students 

15
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B.Pharm				Pharm.D				M.Pharm			
Men		Women		Men		Women		Men		Women	
No	%	No	%	No	%	No	%	No	%	No	%
177	51	170	49	70	42	96	58	18	36	32	64

### B. Pharm

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
189	05	03	162	01	360	182	05	07	152	01	347

### Pharm. D

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
84	05	03	72	---	164	80	06	03	77	---	166

### M. Pharm

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
38	2	4	9	---	53	37	--	3	10	--	50

### 5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Pre GPAT test was conducted for third year and fourth year B.Pharm students. 52 students appeared out of them top 10 from 4<sup>th</sup> year and top 5 from 3<sup>rd</sup> year were selected for GPAT mentoring.

Full syllabus and subject wise books were suggested to all students including GPAT: A Companion, which contains more than 5000 MCQs and solved question papers of GPAT of last 8 years, MH-CET, entrance exams of RGUHS Karnataka and drug inspector exams.

Four classes were arranged per week for students, covering topics for GPAT exam and 2 hr/week for clearing doubts.

Promo code was given to students for using Pharma glimpse app which contains more than 2500 MCQs, GPAT concepts, mock test paper for GPAT and NIPER.

No. of students beneficiaries 27

#### 5.5 No. of students qualified in these examinations

NET  SET/SLET  GATE  CAT   
IAS/IPS etc  State PSC  UPSC  Others **GPAT -07**  
**RGUHS-PGET: 20**

#### 5.6 Details of student counselling and career guidance

Various guest lectures had been arranged to the outgoing students regarding career guidance and job opportunities. The Placement officer plays an important role in bringing industry on campus for interaction.

No. of students benefitted 77

#### 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
<b>10</b>	<b>42</b>	<b>29</b>	<b>13</b>

#### 5.8 Details of gender sensitization programmes

The institution has formed internal security for women and women welfare cells to increase the awareness and solve women related problems, counsel women. These cells frequently organise gender sensitisation programs to both staff and students. The main objectives of these cells are to address the issues of women and to enable female students to bring their complaints to the notice of the head of the institution and female faculty members.

Internal security for women committee has been constituted to provide protection against sexual harassment of women at work place under The sexual harassment of women at workplace (Prevention, Prohibition and Redressal) Act enacted in India with effect from 9<sup>th</sup> December 2013. The committee members look after all the matters concerned with the above.

#### 5.9 Students Activities

##### 5.9.1 No. of students participated in Sports, Games and other events

State/ University level 47 National level -- International level --

No. of students participated in cultural events

State/ University level  National level  International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level  National level  International level

Cultural:State/ University level  National level  International level

#### 5.10 Scholarships and Financial Support

	Number of Students	Amount
Financial support from institution	<b>93</b> (concession in fees)	<b>Rs. 22,35,000</b>
Financial support from government	<b>130</b> (e-pass-Vidyashri, SC/ST/ Minority scholarship-GOK)	<b>Rs.15,19,430</b>
	<b>01</b> ( AICTE Sponsorship under Supernumerary seat)	<b>Rs. 1,20, 430</b>
Financial support from other sources	<b>15</b> (British Biologicals)	<b>Rs.1,50,000</b>
Number of students who received International/ National recognitions	<b>06</b> (AICTE- Smart India Hackthan-2017, Delhi)	<b>Rs.14,000</b>

#### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

#### 5.13 Major grievances of students (if any) redressed:

Till date no major grievance was reported but various complaints are received and resolved at first level as per the grievance mechanism of P.E.S College of Pharmacy

## Criterion – VI

### 6. Governance, Leadership and Management

#### 6.1 State the Vision and Mission of the institution

##### VISION

To create technologically superior and ethically strong global manpower,  
in the arena of Pharmacy Profession.

##### MISSION

To provide the students a sense of history, an understanding  
of values and ethics, an appreciation of human creativity  
and an analytical inquiring mind.

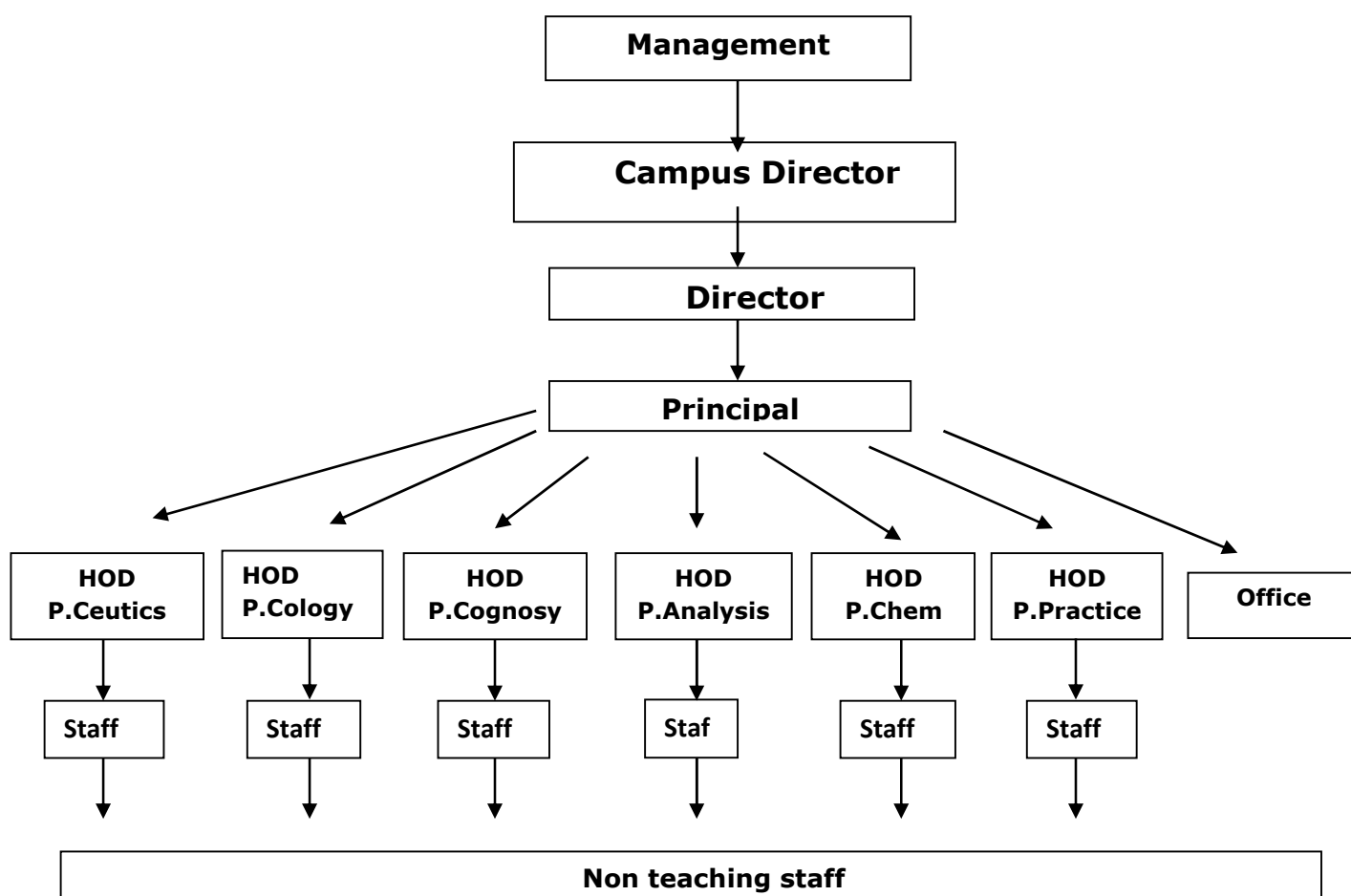
##### QUALITY POLICY

To develop highly skilled human resource, with an ability  
to adapt to an intellectually and technologically changing  
environment, through the participative efforts of  
management, staff, students and parents.

## 6.2 Does the Institution has a management Information System

- The hierarchy of the institution for the management is depicted below:

### Organizational chart



- The feedback obtained from the students regarding individual teachers through staff evaluation process is evaluated by the management.
- The same is shared with individual teachers for transparency and improvement.
- The departmental meetings conducted by HODs on regular basis are useful for the curricular, extracurricular and co-curricular activities.
- HODs meetings along with Principal conducted by the Director ensure not only the fulfilment of regular activities, but also provide an opportunity for avoiding inadequacies and also planning developmental activities.
- The campus Director is briefed with regard to the institutional activities on a monthly basis which is carried forward to the management for approval and implementation

- The systematic structured organisation of the institutional faculty helps in the proper management of all activities.

### 6.3 Quality improvement strategies adopted by the institution for each of the following:

#### 6.3.1 Curriculum Development

- Our institution is affiliated to RGUHS and is required to follow the curricula prescribed by RGUHS.
- Our staff members of various departments have been involved in new curricula being implemented both at UG and PG courses.
- Along with this, the unique process CWQIP provides an opportunity for arranging Guest lectures of eminent persons from industry, research and academic institutions.
- Faculty members are instrumental in designing the curriculum for M.Pharm . Faculty are involved in preparation of question bank for B.Pharm & M.Pharm
- involved in curriculum restructuring,revision
- The TSDP ensures the enrichment of curriculum by incorporating recent developments in various fields.

#### 6.3.2 Teaching and Learning

- The ICT is used to its maximum along with CWQIP for maximum beneficial effect to the student community.
- Students are supplied with the information about the chapters to be learnt in advance.
- This has helped the students in being aware in advance about the subject being taught. This measure helps the students in enriching the learning capability with more confidence
- The SASP and GSDP ensure the enhancement of learning capacity of individual students. In order to help the students to do well in GPAT, specialized coaching classes are conducted.
- At the beginning of the course, first students are guided and helped to improve their English proficiency.

#### 6.3.3 Examination and Evaluation

- Students are evaluated on a continuous basis during the tutorial classes for their theory subjects. Also weakly tests are conducted in individual subjects to improve their performance in the final examinations
- The regular viva conducted in practical classes, during the practical record corrections,also helps not only continuous evaluation, but also in the improvement of overall performance in each subject.

### 6.3.4 Research and Development

#### Workshop/seminar/Conferences attended

Title	Event	Staff	Date
Synthesis of some novel 1,2,3- triazine fused thiophenes as promising antitubercular and anticancer leads	60 <sup>th</sup> IPC Vishakhapatnam.	Dr. J.Saravanan	16-18 <sup>th</sup> Dec.2016
Phytochemical evaluation, antioxidant & hepatoprotective activity of leaves of Gomphrena globosa"	60 <sup>th</sup> IPC Vishakhapatnam	Dr. K. Lakshman	16-18 <sup>th</sup> Dec.2016
A short course in educational methodology " organized by RGUHS	RGUHS,Karnataka in association with APTI	Mrs. Saniya Jawed	22nd and 23rd March 2016".
IDBR-2016, 1st Annual Symposium on "Innovations in Drug Delivery and Biomedical Research" being held at	IBIS Bengaluru City	Mrs. Sudha B S	16th July 2016
IDBR-2016, 1st Annual Symposium on "Innovations in Drug Delivery and Biomedical Research" being held at	IBIS Bengaluru City	Mrs. Saniya Jawed	16th July 2016
Preparation of Budesonide microsphere for colon delivery	60 <sup>th</sup> IPC Dec.2016 , at Vishakhapatnam.	Kuna Sindhuja	16-18 <sup>th</sup> Dec.2016
Development and Evaluation of Buccoadhesive Delivery of Atenolol	60 <sup>th</sup> IPC, at Vishakhapatnam	Vishaka R Kulkarni	16-18 <sup>th</sup> Dec.2016
Scientific Methods and Scientific Writing.	KLE University's College of Pharmacy, Bengaluru	Joyeeta Bhattacharya	Scientific Methods and Scientific Writing.
Scientific Methods and Scientific Writing.	KLE University's College of Pharmacy, Bengaluru	Aparna Lakshmi	Scientific Methods and Scientific Writing.
Stem Cell Therapy	Oxford College of Pharmacy, Bengaluru	Joyeeta Bhattacharya	27 <sup>th</sup> Feb.2016
Stem Cell Therapy	Oxford College of Pharmacy,	Aparna Lakshmi	27 <sup>th</sup> Feb.2016

	Bengaluru		
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**Publications:-**

<b>Title</b>	<b>Authors</b>	<b>Journal</b>	<b>Year of Publication &amp; Pages</b>
Anti-hyperlipidemic activity of Nutrislim Green Tea (AYU-606) - an ayurvedic formulation in high fat diet induced hyperlipidemia in rats	Sayanti Sau, Chaitra N , Dr. Triveni KC , Dr. Vatsala Guruprasad , Dr. Shivalinge Gowda KP	European Journal of Pharmaceutical and Medical Research.	2016; 3(2),231-6
Synthesis, and in vitro antioxidant activity of novel 1, 3, 4- oxadiazole-2- thione	Rahul. R1*, Rakesh Kumar Jat1, J. Saravanan2	Journal of Innovations in Pharmaceuticals and Biological Sciences	2016, Vol 3 (3), 114-122.
Study of antioxidant activity of Cee'Rich - Herbal Vitamin C supplement in experimental animals	Vijayalaxmi Hiremath1, Supriya CS, Khader Shareef KS, Nataraj Loganayaki, Shanaz Tejani-Butt, Shivalinge Gowda KP, Venkateswarlu.	World Journal of Pharmacy and Pharmaceutical Sciences.	2016;5(2),116 5-76,
Study of immunomodulatory activity of Health' Boost- Herbal poultry feed supplement in rats	Abin Joy, Shivalinge Gowda K. P, Chaitra N, Khader Shareef K. S.Loganayaki N, Venkateswarlu	Pelagia Research Library Der Pharmacia Sinica,	2016, 7(2):45-50
Synthesis, characterization & biological evaluation of 1, 3, 4- oxadiazoles as antioxidant agents	Rahul. R1*, Rakesh Kumar Jat1, J. Saravanan2		2016, Vol 3 (3), 104-113.
Evaluation of invivo antioxidant potentials of Nutrislim Green Tea (AYU-606)-an Ayurvedic formulation in CCl <sub>4</sub> induced hepatotoxicity in rats.	Mayank Bhatt, Paul Raj, Kalyani G, Dr.Thriveni KC, Dr.Vatsala Guruprasad, Dr.Shivalinge Gowda KP	Journal - Indo American Journal of Pharmaceutical Research,	2016;6(03),47 08-14
Evaluation of antidiabetic activity of Gluconarc (AYU-DIA) an Ayurvedic formulation in alloxan induced diabetes mellitus in rats	Vijayalaxmi Hiremath, Akshatha N, Dr. Sunitha R Joshi, Dr.Swarna Ranjita, Elumalai.P, Dr. Shivalinge Gowda KP.	Journal - Indo American Journal of Pharmaceutical Research	2016; 6(4): 5248-53.
Study of hepatoprotective activity of Liv' Well liver tonic in CCl <sub>4</sub> induced hepatotoxicity in rats	Supriya CS, Samhitha J, Khader Shareed KS, Loganayaki N, Shivalinge Gowda KP,	American Journal and Health Research ,	2016;4(5)



	Venkateshwarlu K		
Evaluation of Newly Formulated Polyherbal Antidiabetic Tablets in Alloxan Induced Diabetes Mellitus in Rats.	Manandhar Suman, Shivalinge Gowda K P	International Journal of Current Pharmaceutical Review and Research;	2016;7(4); 216-22.
Study of cardioprotective activity of Normovedic in CCl <sub>4</sub> induced cardiotoxicity in rats.	Uttam Paul and Shivalinge Gowda KP	Int J Pharm Bio Sci	2016 : 7(3): 135 – 43
Study of Herbochol –poultry feed supplement on estrogenic activity in rats.	Albin Jose, Madhavapriya BN, Shivalinge Gowda KP, Khader Shareef KS, Natarajan Loganayaki, Venkateshwarulu.	IJAPBR	, 2016; 1(2), 127-33
Evaluation of antidiabetic and antihyperlipidemic activity of newly formulated polyherbal antidiabetic tablets in streptozocin-induced diabetes mellitus in	Suman M, Shivalinge Gowda KP, Uttam Paul, Priyanka S	Asian J Pharm Clin Res,	2016; 9(1), 202-7.
Study of growth promotion and health benefits of Ayu-809 general nutritional supplement in rats	Priyanka Shrestha, Biplav Syngkli, Sri Vidya, Shanaz Tejani-butt, Shivalinge Gowda	Indo American Journal of Pharmaceutical Research, .	2017; 7(4): 8383-90.
Study of cardioprotective and antihypertensive effects of Cardonarc syrup-an ayurvedic proprietary medicine in fructose induced hypertension in rats.	Kallolika Mondal, Shivalinge Gowda KP, Suman Manandhar, Sunitha R Joshi, Swapna Ranjitha, Elumalai P	International journal of Applied Pharmaceutical and Biological Research,	2017; 2(3): 46-58
Development of simulated experimental devices to meet learning needs of experimental pharmacology.	Sanjay R Gandhi, Swetha B R, Dr. Shivalinge Gowda KP	Indo American Journal of Pharmaceutical Research,	2017; 7(4): 8242-6.
Phytosomes as Novel Drug Delivery System for Herbal Medicine –A Review .	Amith Kumar B, Prasanna Habbu Thimmasetty, Lakshman, Prabha Hullatti, Ravi Kumar SK	Sys. Rev. Pharm.( Systematic Reviews in Pharmacy- An official Journal of Phcog.Net	2017,8,1,5-7
Development And Validation Of Analytical Methods For Simultaneous Estimation Of Moxonidine And	Poornima K, Santhosh YS and Channabasavaraj KP	International Journal of Medicinal Chemistry &	2016,71-78

Amlodipine In Bulk And Formulations		Analysis	
Simultaneous Estimation Of Loperamide Hydrochloride And Tinidazole In Bulk And Formulations By Reverse Phase High-Performance Liquid Chromatography	Poornima K., Channabasavaraj K.P	International Journal of Pharmacy and Pharmaceutical Sciences	2016, 173-177
Development And Validation Of Analytical Methods For Simultaneous Estimation Of Dextromethorphan And Quinidine By Rp-Hplc And UV-Spectrometry	K. Poornima , Y. Madhusudan and K. P. Channabasavaraj	International Journal of Pharmaceutical Sciences and Research	2017,1301-1313
Chromatographic fingerprint analysis of Burmese grape (Baccaurea ramiflora Lour.) by HPTLC technique.	Antara Choudhury, Nikunjana A Patel and Nagaraj Gowda	Journal of Pharmacognosy and Phytochemistry	2016,5(3),206-2011
Stability-indicating RP-UHPLC method for determination of Telmisartan in drug substance and marketed formulation.	Biswa ranjan Patra, Nagaraj Gowda and S Mohan	Journal of Pharmaceutical Science and Research	2016,7(5),2031-2039
Formulation And Evaluation Of Potential Antidiabetic Drug From MomordicaCharanita	Shiva G., Rupa V. and Dr. ManjulaTalluri.,	Journal Of Pharmacy And Pharmaceutical Sciences	Vol 6, Issue 1, 1596-1609,2016
Formulation and evaluation of tablet prepared by co-amorphous system Containing anti-hypertensive and anti-hyperlipidemic drug.	SachinBasavarajAdahalli and Dr. ManjulaTalluri	International Journal of Pharmacy and Pharmaceutical Sciences	Vol 8, Issue 9, P 182-193,2016
Development and Evaluation of Sublingual Table of ZolpidemTartarate an antipsychotic drug	Dr. ManjulaTalluri, Shakti Saha, SachinBasavarajAdahalli	International journal of pharmacy and pharmaceutical sciences	Vol 8; issue 3, P 179-187,2016
Drug Delivery: Antitumor	Satish C. S.	Encyclopedia of Biomedical Polymers and Polymeric Biomaterials	2665-2673,2016
Formulation And Evaluation of Simvastatin Gastroretentive Drug Delivery System	Manjunath P. N., Satish C. S., Vasanti S., Preetham A. C., Naidu Ras	International Journal of Applied Pharmaceutics	<u>Vol 9, Issue 3, Page: 55-60,2017</u>

Formulation And Evaluation Of A Chitosan-PVA-Gellan Insulin Implant	Satish C. S.	International Journal of Applied Pharmaceutics	<u>Vol 9, Issue 3, 2017 Page: 37-41</u>
In vitro assessment of non-irritant microemulsified voriconazole hydrogel system	Prasanna Raju Y, Hyndavi N, Harini Chowdary V, Rajesh S Nair, Jamal Basha D & Tejeswari N	Artificial Cells, Nanomedicine, and Biotechnology	Epub ahead of print, 2016
In vitro characterization studies of self-microemulsified bosentan systems	Harini Chowdary Vadlamudi, Prasanna Raju Yalavarthi, Basaveswara Rao M. Arun Rasheed & Tejeswari	Drug Development and Industrial Pharmacy	989-995, 2017
Process, Physicochemical Characterization and In-Vitro Assessment of Albendazole Microcrystals	Vandana KR, Prasanna Raju Yalavarthi, Harini Chowdary Vadlamudi, Jagadesh Kumar Yadav Kalluri, Arun Rasheed	Advanced Pharmaceutical Bulletin	Epub ahead of print, 2017
Floating controlled drug delivery system of verapamil loaded Microballoons	Saniya Jawed, Amit Sorathiya and AK Srivastava	The Pharma Innovation Journal	2017; 6(2): 85-88, 2017
Antiosteoporotic activity of ethanolic extract of <i>cardiospermum halicacabum</i> L. In ovariectomized rats	Abin Joy, Chaitra N. and Mukund H	<i>Eur J Pharm Med Res</i>	3(6): 488-496, 2016
Evaluation of memory enhancing activity of alcoholic extract of <i>Cuscuta reflexa</i> on experimentally induced dementia (Alzheimer's disease) in rodents.	Mukund HVijayalaxmi Hiremath	<i>Indo Am. J. Pharm. Sci</i>	6(5): 5512-20, 2016
Antiosteoporotic Activity of Root Extract of <i>Rubia Cordifolia</i> In Methyl Prednisolone Actetate Induced Osteoporotic Rats	Mukund H, Abin Joy, Chaitra N, Shivakumar Kasabi	<i>Indo Am. J. Pharm. Sci,</i>	3(5). 516-521, 2016
Evaluation of immunomodulatory activity of extract from rind of <i>nephelium lappaceum</i> fruit	Priyanka S, Mukund H	<i>Int J PharmaPharmaSci</i>	9(1): 38-43, 2017
Antiosteoporotic activity of anthraquinone isolated from <i>morinda citrifolia</i> fruits in rats	Handral M, Abin Joy, Chaitra N, Ashok M	<i>Asian J Pharm Clin Res</i>	9(5): 209-213, 2017
Antiosteoporotic Activity of <i>Morinda Citrifolia</i> fruit extract against Heparin Induced Bone Loss in Rats.	Chaitra N, Abin Joy, Ashok M, Handral M, Praveen L T	<i>PHARMANEST</i>	7(3): 3115-3121, 2017

Retrospective Analysis of Reported Adverse Drug Reactions	Ibel C Fredy, Santosh Chandrashekar, R Srinivasan	<i>IJPS</i>	, Volume (3), January issue (1), 52-56, 2016
Assessment of erythropoietin for treatment of anemia in chronic kidney failure- ESRD patients	Ranganathan Srinivasana, Ibel C. Fredy, Santosh Chandrashekar, Janarthanan Saravanan, Guru Prasad Mohanta, Prabal K. Manna	<i>Biomedicine &amp; Pharmacotherapy</i>	82, 44–48, 2016
Assessment of initiation of erythropoietin treatment for anaemia and renal survival In non-dialysis chronic renal Diseases patients. An observational study	Ranganathan Srinivasana, Ibel C. Fredy, Santosh Chandrashekar, Janarthanan Saravanan, Guru Prasad Mohanta, Prabal K. Manna	<i>Eur J Clin Pharm.</i>	vol 18 num 3, 171-177, 2016
Pattern of antibiotic therapy and effectiveness in Gastrointestinal surgeries,	Ibel C. Fredy, Santosh Chandrasekhar, R. Srinivasan and Lohith K..	European Journal of Pharmaceutical And Medical Research (ejpmr),	342-345, 2016, 3(10),
Hallucinations/Delusions in a Case of Cerebral Venous Sinus Thrombosis – Levetiracetam Induced: A Case Report,	Fredy IC, Kulkarni AA and Srinivasan R	Curr. Trends Clin. Med. Imaging	1(3): CTCMI.MS.I D.555561. 01-03, 2017
Retrospective Study of Risk Assessment of Stroke IN Quaternary Care Hospital	Phalgun DB, Kumar GM, Johnson I, Lohith KB and Srinivasan R	Int J Bio Pharmacy and Allied sciences	1416-1424, 2017

### Books Published

Title	Author	Edition	Publisher
Anatomy & Physiology for Paramedics.	Dr. Shivalinge Gowda KP	2017; I edition, ISBN-978-81-8191-466-8,	Paras Medical Publisher, Hyderabad.

### Seminars/conferences/workshops conducted:-

Title	Department	Date
Recent Developments in Quality by Design of Pharmaceutical Products	Pharmaceutics	18 <sup>th</sup> February 2017.
Basic techniques in pre-clinical studies	Pharmacology	21 <sup>st</sup> December 2016.
Basics of First Aid	Pharmacy practice	18 <sup>th</sup> March 2017
PESCP exhibition	PESCP	21 <sup>st</sup> and 22 <sup>nd</sup> October 2016

- **On -going industrial projects :-**

- “Isolation And Characterization Of Constituents From The Leaves Of *Azadirachta Indica* Towards Achieving Standardization”
- “Studies On Various External Factors Which Influences The Quality Of *Aerva Lanata* Aerial Parts”
- Isolation Of Marker Compounds From Leaves Of *Gymnema Sylvestre* Towards Achieving Standardization-Part II”
- “Studies On Various External Factors Which Influences The Quality Of *Tribulus Terrestris* Fruits.”
- “Isolation And Characterization Of Constituents From Fruits Of *Morinda Citrifolia* Towards Achieving Standardization”
- “Studies On Various External Factors Which Influences The Quality Of *Dolichos Biflorus*” (Horse Gram)”  
Formulation and evaluation of microspheres loaded with antiviral drug.

Formulation and evaluation of extended release tablets of carvedilol.

- **Grants received-**

#	Staff	Project Title	Amount (Rs.)
1	Dr. J. Saravanan	Synthesis of some novel 1,2,3-Triazine fused Thiophenes and Furans as promising Antitubercular & Anti-cancer leads	5,00,000
2	Dr. K. Lakshman	Evaluation of Antiurolithiatic and Antioxidant Potential of leaves of <i>Gomphrena Globosa</i> ”	3,20,000
3.	Dr. Nagaraj	Modification of Chromatographic silica stationary phase via the addition of N- or C-linked Peptido Calix (4) arene macrocycle towards effective chromatographic separation –A novel approach	6,00,000
4	Dr. Satish C.S	Formulation and evaluation of biodegradable hydrogel system containing herbal actives for cutaneous wound healing	5,00,000
5	Dr. ManjulaTalluri	Co-Amorphous Dispersions of Amlodipine and Atorvastatin: Preparation, Characterization, Stability Evaluation and Formulation.	3,50,000

### Ongoing Ph. D projects

#	Name	Project Title	University
1	Mrs. Vinutha Bhat	Phytochemical investigation and evaluation of <i>Clerodendrum paniculatum</i> and <i>Clerodendrum japonicum</i> leaves for antioxidant, hepatoprotective and antidiabetic activity	RGUHS.

2	Mr. Biswaranjan Patra-	Stability indicating UHPLC and HPTLC analytical method development and validation of some new anti-hypertensive drugs	RGUHS.
3.	Mrs.J udy	Synthesis and characterization of some new pyrimidines, isoxazoles and furans for antimicrobial screening	RGUHS.
4	Mrs. Vijayanthimala. P	Advanced Microscopic and Spectroscopic studies of some pharmaceutically important Inorganic nanoparticles	JJT University.
5	Mrs.PN Kavitha	Synthesis and Biological Screening of some Pharmaceutically important Inorganic nanoparticles.	JJT University.

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

- Well stacked spacious library with recent editions of important books are available.
- Internet facility is available in the digital library. RGUHS Helinet facility is provided.
- Books are loaned to the students.
- Hard copies of few important journals, periodicals, magazines are made available in the library.
- Students can access the internet facility 24 hrs.

### 6.3.6 Human Resource Management

- The newly appointed staff members are given orientation to be able to appreciate and understand the policies of the institution along with Vision Mission Quality policies.
- In order to bring in a sense of belonging and importance, all staff members are given responsibilities for the academic as well as extra-curricular activities by including them in various academic committees.
- All the staff members have the opportunity to interact with the top management through proper channel and directly.
- The work distribution is considered by open staff meetings at the beginning of the academic year, so that there are no anomalies.
- A transparent open minded approach by the institution has helped in good outcomes on a year to year basis.

### 6.3.7 Faculty and Staff recruitment

- Faculty recruitment is done as per apex body norms.

- Advertisements are released in News papers or information is sent to various Heads of institutions and using job portals/ Shortlisted candidates are called/invited to deliver demonstration lectures which are evaluated by the staff.
- Based on performance in the demonstration lectures, candidates are required to appear for personal interview with the management along with the expert committee.

#### 6.3.8 Industry Interaction / Collaboration

##### Collaboration with :-

- Natural Remedies Pvt. Ltd. ,
- Green Chem ,
- Sami Labs Ltd.,
- Himalaya Drug Company ,
- National Institute of Malarial Research (ICMR)
- Ayurwin,
- Suguna,
- Vasishta,
- Connexious lab.,
- Sahajananad Laser Technology Ltd

#### 6.3.9 Admission of Students

- Admissions are done as per apex body norms and GOK regulations, approved by affiliating University, RGUHS

#### 6.4 Welfare schemes for

Teaching	PF, Health Insurance, Gratuity, Leave encashment
Non teaching	PF, Health Insurance, Gratuity, ESI Leave encashment
Students	Scholarship, Distinction awards, cash prizes, Graduation ceremony Fee concession

6.5 Total corpus fund generated

1.5 Lakhs

6.6 Whether annual financial audit has been done  Yes  No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External	Internal
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	Yes/No	Agency	Yes/No	Authority
Academic	Yes	PES university Registrar and PESIT Principal	Yes	Inter department audit
Administrative	Yes	PES university Registrar and PESIT Principal	Yes	Inter department audit

6.8 Does the University/ Autonomous College declares results within 30 days? **NA**

For UG Programmes Yes  No

For PG Programmes Yes  No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

**NA**

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

**NA**

6.11 Activities and support from the Alumni Association

PESCP Mega alumni meet was organized on 26<sup>th</sup> Feb 2017 in Kuvempu Sabhangana at Hanumanthanagar campus.

We had a very good response; alumni from first batch 1986 to the recent alumni batch of 2016 had gathered. Formal inauguration of mega alumni meet was done by Prof. M R Doreswamy and presentation of journey of PES Institutions from the time of its inception to the current status was made by Prof. D Jawahar, CEO, PES Institutions. Some of the alumni shared their nostalgic memories and their achievements with the audience. The PESCP mega alumni mementoes were presented to all the alumni. Now, we are expanding our alumni association where the alumni from different parts of the world will be included to share their expertise and achievements.

6.12 Activities and support from the Parent – Teacher Association

All the teachers are individually allotted around 20 students for mentorship for the entire course.



Individual teachers interact one to one with students to do a SWOC (strength, weakness, opportunities and challenges) analysis to groom them based on their capabilities, so that they are able to excel both in academics and extracurricular activities.

On a regular basis, parents are informed about the student performance, activities, any short comings etc.

The mentor is required to maintain a CV of individual student from the beginning and continuously update till the student completes the course and is employed.

#### 6.13 Development programmes for support staff

- The concerned teachers guide the supporting staff and train them in the concerned laboratories, so that they are able to cope up with the requirements with the experimental work to be conducted in the laboratories.
- The post graduate students have been encouraged to prepare reagents and solutions not only for PG lab experiments but also for UG lab experiments to keep them informed regarding the basics.

#### 6.14 Initiatives taken by the institution to make the campus eco-friendly

- All the staff and students have been sensitized with regard to proper utilization of water and electricity and to totally avoid wastage. The rain water harvesting has been incorporated.
- Energy efficient equipment s have been installed.
- Maximum efforts have been made to economize the usage of water and electricity.
- Usage of chemicals harmful to environment has been minimized.

### Criterion – VII

#### 7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

1. Usage of ICT
2. Monitoring of Academic processes
3. Accountability & fixing responsibility for individual processes, all the activities are monitored , discussed & presented during departmental and staff meetings.
4. Documentation of all activities by individual teachers in hard bound books.
5. Conduct of Remedial Coaching Classes, Teaching faculty encouragement, Sponsorship, well structured, Mentor System
6. Monthly checking by the Director for the compliance of processes of all teaching faculty

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the

beginning of the year

- i. The IQAC recommendation for the academic year 2016 – 17 was implemented and successfully completed
- ii. Enhanced research output. in the form of publications.
- iii. Industrial personnel and alumni on Governing Council.
- iv. Enhanced Industry – Academy interaction.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

**\*Provide the details in annexure (annexure need to be numbered as i, ii,iii)**

#### **i. Remedial Coaching Classes**

These classes are specially conducted for students of first year Pharmacy course. Over a period of time, it has been observed that not only the number of failures in subjects is reduced to a great extent among the entry level students, but also the number of drop outs is reduced because of an early academic and moral support. and special coaching classes for slow learners through Student Academic Support Program

**ii. Teaching faculty encouragement:** The encouragement provided to faculty in the form of

- a) Incentives @ 10% of the grant received.
- b) Sponsorship for presentation of papers in seminars/ conferences and workshops.
- c) OOD for participation in seminars/ conferences and workshops
- d) The encouragement during the last 10 years has resulted in the receipt of several grants from various funding bodies. This has increased the publication output and has contributed to the development of our laboratories and enhanced the institution's visibility..

**iv. Mentor System:** The Mentoring System introduced to monitor student progression both in academics and help students deal with issues related to life on campus, gives guidance related to personal issues. Each member of the faculty is assigned about 20 students and the same teacher / mentor will continue till the completion of the course. Documentation with student details has been designed by the College to keep track of the student's growth and development on campus. Each student is required to meet the mentor in a one-on-one session at least three times every semester. If the mentor feels that the mentee requires additional help, he/ she is recommended for appropriate further action . The mentor also guides students on matters relating to higher education and careers. The mentor also identifies students who need financial assistance and directs and assists them for availing scholarships and other assistance.

7.4 Contribution to environmental awareness / protection

Many activities are undertaken to make the campus environmentally friendly

- Rainwater harvesting.
- Solar panels on the roof are used as an alternative to conventional energy sources in hostels.
- To minimize waste generated in the labs.
- A few events are organized each year to create awareness on campus; street play to create awareness about cleanliness, poster exhibit to create awareness about environmental cleanliness, exhibition.
- Cleaning of the campus under Swatch Bharat scheme.

7.5 Whether environmental audit was conducted?  Yes  No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

**STRENGTH.**

- a. Located in the heart of the city with easy access to all regular utilities
- b. Infrastructure and Technology Access: Air-conditioned classrooms and Modular laboratories with overhead projectors in all classrooms; Wi-Fi connection. Well-equipped Internet Resource Centre and computer labs.
- c. High quality academic programmes at both graduate and post graduate levels highly qualified faculty, committed to student welfare
- d. Scholarships and financial Aids: College offers several bursaries, financial aid and numerous need and merit based scholarships. A large number of scholarships disbursed to students from marginalized and economically deprived sections.
- e. Excellent reputation at both national and international levels.
- f. Big number of SC/ST and Minority students
- g. Proper financial budgeting of the departments.
- h. Sports achievements: In keeping with its tradition of all-round education, the College offers excellent sports infrastructure and coaching leading to State level sports achievements. Our college Kabbadi team is the zonal champion of RGUHS.
- i. Extra-curricular activities: Large number of Cultural, Literary programmes are being conducted. Our students won several prizes in intercollegiate competitions.
- j. Hostel facilities are available for both men and women students, and for both undergraduate and postgraduate students.
- k. College Website: Is well-maintained and user friendly. The class-wise time table, orientation topics are uploaded on the website before the commencement of the new session every semester.
- l. IPOMO The Attendance and Internal Assessment marks are uploaded by teachers regularly as per schedule. Students can check their records regularly.
- m. Distinguished Alumni: Alumni of the college include distinguished personalities from India and abroad

**WEAKNESS:**

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- a. Requirement of more robust software to take care of the new semester system implemented at the university level.
- b. Need for announcement of university examination results well in time.
- c. Strengthening of relevant norms with regard to the conduct of practical examinations of PG courses.
- d. Timely display of rank list on the university website.

**OPPORTUNITY:**

- a. Research and innovation
- b. Collaborations with foreign universities
- c. Active alumni participation.
- d. Partnering with Industry
- e. Industry on campus
- f. Recognition of Pharm.D students and their services in health care management.

**THREATS:**

- a. Job loss due to automation in industry.
- b. Employment of non pharmacy persons in industry.
- c. Lack of supervision & straight vigilance by licensing authority of the retail outlets & manufacturing units.

**8. Plans of institution for next year**

1. To start designing the course structure for RGUHS B.Pharm syllabus semester scheme.
2. To design the course structure for PESU B.Pharm, Pharm.D & M.Pharm syllabus
3. To offer interdisciplinary seminars, workshops and conferences
4. Add-on courses to increase the number of options/electives for students Development under PESU.

Name \_\_\_\_\_

Name \_\_\_\_\_

*Signature of the Coordinator, IQAC*

*Signature of the Chairperson, IQAC*

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**Abbreviations:**

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution

UPE - University with Potential Excellence

UPSC - Union Public Service Commission

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