

**ANNUAL QUALITY ASSURANCE REPORT**  
**2019-20**

( Period : July 2019 - June 2020 )

**The Annual Quality Assurance Report (AQAR) of the IQAC**  
**(For Universities) for the Academic Year 2019-20**

**Part – A**

**Data of the Institution**

*(data may be captured from IIQA)*

**1. Name of the Institution**

POONA COLLEGE OF  
PHARMACY

- Name of the Head of the institution :

DR. A.P.PAWAR

- Designation:

IN-CHARGE PRINCIPAL

- Does the institution function from own campus:

Part of Multi-Institute Campus

- Phone no./Alternate phone no.

020 2546 1046

- Mobile no.

9096800845

- Registered Email

[pcp.bvu@gmail.com](mailto:pcp.bvu@gmail.com)

- Alternate Email

[pcp.accreditation@gmail.com](mailto:pcp.accreditation@gmail.com)

- Address :

BHARATI VIDYAPEETH, ERANDWANE  
CAMPUS

- City/Town :

PUNE

- State/UT :

MAHARASHTRA

- Pin Code :

411 038

**2. Institutional status:**

- University: State/Central/Deemed/Private:  
(Tick appropriate)

Deemed to be University Constituent  
College

- Type of Institution: Co-education/Men/Women

Co-Education

- Location : Rural/Semi-urban/Urban:

Urban

- Financial Status: Centrally funded/state  
funded/Private (please specify)

Grant-in-Aid + Self Financing,  
UGC 2(f) UGC 12B

- Name of the IQAC Co-ordinator/Director:

Dr.Arulmozhi. S

- Phone no. /Alternate phone no. :
- Mobile:
- IQAC e-mail address:
- Alternate Email address:

3. Website address: <http://pcp.bharativedyapeeth.edu/>

Web-link of the AQAR: (Previous Academic Year): <http://pcp.bharativedyapeeth.edu/>  
Annual Quality Assurance Report (AQAR)/AQAR 2019-2020

4. Whether Academic Calendar prepared during the year? Yes

If yes, whether it is uploaded in the Institutional website: Yes

Weblink: Weblink: <http://pcp.bharativedyapeeth.edu/> Academic Calendar / Academic Calendar 2019-20

#### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 <sup>st</sup>				
2 <sup>nd</sup>	A	3.16	2011	2011 to 2016
3 <sup>rd</sup>	A <sup>+</sup>	3.53	2017	2017 to 2024

6. Date of Establishment of IQAC: DD/MM/YYYY:

#### 7. Internal Quality Assurance System

##### 7.1 Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/beneficiaries
1. Meetings of IQAC	26/08/2019, 28/12/2019 and 10/02/2020	15
2. Submission of AQAR	10.07.2019	
3. Participation in NIRF	14/12/2019	22nd Rank in India
4.Feedback collected and analysed	End of Each semester	746
5. Administrative audit conducted	13.01.2020	
6. Academic audit conducted	21.01.2020 to 24.01.2020	63

**8. Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Poona College of Pharmacy	Quality Improvement Programme	All India Council for Technical Education	2019	

**9. Whether composition of IQAC as per latest NAAC guidelines: Yes**

\*upload latest notification of formation of IQAC [http://pcp.bharativedyapeeth.edu/Annual Quality Assurance Report \(AQAR\)/ Internal Quality Assurance Cell](http://pcp.bharativedyapeeth.edu/Annual%20Quality%20Assurance%20Report%20(AQAR)/Internal%20Quality%20Assurance%20Cell)

**10. No. of IQAC meetings held during the year: 03**

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website **Yes**

[http://pcp.bharativedyapeeth.edu/Annual Quality Assurance Report \(AQAR\)/ Internal Quality Assurance Cell / Minutes of Meeting of IQAC](http://pcp.bharativedyapeeth.edu/Annual%20Quality%20Assurance%20Report%20(AQAR)/Internal%20Quality%20Assurance%20Cell/Minutes%20of%20Meeting%20of%20IQAC)

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year? No**

**12. Significant contributions made by IQAC during the current year (maximum five bullets)**

- ❖ 1 patent filed, 49 research paper publications, 59 conference presentations and 18 research projects ongoing to the tune of Rs 7879419.
- ❖ 3 Quality Improvement Programmes have been conducted.
- ❖ Project on Unnat Bharat Abhiyan
- ❖ 1 International Conference conducted.
- ❖ Drugs and Poison Information Centre and Pediatric Dose Division health care services extended to Bharati hospital, other hospitals and community.

**13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year**

Plan of Action	Achievements/Outcomes
Report on the Plan of action and the outcome (activities conducted) during 2019-20 is enclosed as Enclosure 1	

**14. Whether the AQAR was placed before statutory body? Yes /No:**

Name of the statutory body:

Date of meeting(s):

**15.** Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?

**Yes/No:**

**Date:**

**16.** Whether institutional data submitted to AISHE: Yes/No:

**Year:**

**Date of Submission:**

**17.** Does the Institution have Management Information System?

**Yes**

The college has MIS to select, collect, align and integrate data and information on the academic and administrative aspects. Through internet facility, all staff members, faculty, non- teaching staff and students can collect and integrate data and information of the institution and administration, research papers, project etc. presented at national and international seminars, conferences, workshops, etc are made available. The logbook system collects all the data from teaching staff. This is ensured through our college website.

## Part-B

### **CRITERION I – CURRICULAR ASPECTS**

#### **1.1 Curriculum Design and Development**

1.1.1 Programmes for which syllabus revision was carried out during the Academic year

Name of programme	Programme Code	Dates of revision
B.Pharm (PCI syllabus)	0904001- B. Pharm.	1 August 2019
M.Pharm (PCI syllabus)	0903002 - M.Pharm (Pharmaceutical Biotechnology)	16 August 2019
M.Pharm (PCI syllabus)	0903003 - M.Pharm (Pharmaceutical Chemistry)	16 August 2019
M.Pharm (PCI syllabus)	0903004 - M.Pharm (Pharmaceutics)	16 August 2019
M.Pharm (PCI syllabus)	0903005 - M.Pharm (Pharmacognosy)	16 August 2019
M.Pharm (PCI syllabus)	0903006 - M.Pharm (Quality Assurance Techniques)	16 August 2019
M.Pharm (PCI syllabus)	0903007 - M.Pharm (Pharmacology)	16 August 2019
M.Pharm (PCI syllabus)	0903008 - M.Pharm (Drug Regulatory Affairs)	16 August 2019

1.1.2 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year: Nil

Programme with Code	Date of Introduction	Course with Code	Date of Introduction
<b>Annexure I</b>			

#### **1.2 Academic Flexibility**

1.2.1 New programmes/courses introduced during the Academic year

Programme/Course	Date of introduction
NA	NA

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
Bachelor of Pharmacy and Master of Pharmacy	B.Pharm	M.Pharm.		B.Pharm PCI syllabus 2019	M.Pharm PCI syllabus 2019
Already adopted (mention the year)				B.Pharm 2015	M.Pharm 2012

#### **1.3 Curriculum Enrichment**

1.3.1 Value-added courses imparting transferable and life skills offered during the year

Value added courses	Date of introduction	Number of students enrolled
Not Applicable	Not Applicable	Not Applicable

### 1.3.2 Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
Bachelor of Pharmacy (B.Pharm.)	Industrial Internship: 114
Doctor of Pharmacy (Pharm.D)	Hospital Internship: 40

### 1.4 Feedback System

#### 1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	Yes	Yes	Yes

#### 1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Google Forms system is adopted to take feedback at the end of every semester.

As we all know the world has changed dramatically over the first three months of 2020, with the COVID-19 pandemic impacting almost every aspect of our lives. In prevailing pandemic, online teaching and MCQ based exams were conducted for students. We found positive response from students about acceptability and participation of students.

Google forms are widely used to create surveys easily, quickly and efficiently. It allow you to plan and ask questions to collect diverse type of information in a simple and efficient way. With Google forms we can create surveys in few minutes to ask information about feedback. It stores the feedback received so we can analyze it in detail.

We have taken google survey for curriculum feedback for Academic Year 2019-2020. Uploaded questionnaires such as: Rate the overall curriculum for this semester, Rate the usefulness of subjects for higher studies, Rate the relevance of contents of subject to industry requirement, Rate the importance of the curriculum for overall development as a question one and any suggestion as a question two and provided grading also: 1-Poor, 2-Below Average, 3- Average, 4- Good, 5- Excellent.

**Detailed Description of the link given below:-**

[https://pcp.bharativedyapeeth.edu/images/Feedback\\_Analysis\\_2019-20\\_100620.pdf](https://pcp.bharativedyapeeth.edu/images/Feedback_Analysis_2019-20_100620.pdf)

#### **Outcomes of the analysis of Students feedback:**

- Students are satisfied with teaching and efforts taken by faculty members for their academic outcomes.

Major changes suggested by Students	Action taken on suggestions
1. Arrange guest lecture on how to face interview and personality development	Guest lectures on personality developments were arranged.
2. Extra coaching for competitive examination GPAT, GRE, TOFEL	GPAT classes were started for the students willing to go for higher studies in pharmacy.

### Outcomes of the analysis of Alumni feedback:

Major changes suggested by Alumni	Action taken on suggestions
<ul style="list-style-type: none"><li>• Arrange guest lecture for students on how to face interview and personality development</li><li>• Increase Industry tie ups</li></ul>	<p>Guest lectures on personality developments were arranged. Soft skill development will be included as a separate subject in new syllabus which is to be implemented from next year.</p> <p>The institute has signed MoUs with Macleod Pharmaceuticals, Mumbai. Sciformix Technologies Pvt. Ltd., Emcure Pharmaceuticals, Pune and Zim Laboratories, Nagpur.</p>

### Outcomes of the analysis of Parents feedback:

Major changes suggested by Parents	Action taken on suggestions
Arrange guest lecture for students	Online Guest lectures on personality developments were arranged.
Competitive exam preparations	GPAT classes were started for the students willing to go for higher studies in pharmacy.
Improve Industry tie ups	The institute has signed MoUs with Macleoid Pharmaceuticals, Mumbai. Sciformix Technologies Pvt. Ltd., Emcure Pharmaceuticals, Pune and Zim Laboratories, Nagpur.

### Outcomes of the analysis of Employers feedback:

Major changes suggested by Employers	Action taken on suggestions
<p>Students should have capacity to:</p> <ol style="list-style-type: none"><li>1. Analyse and solve problems</li><li>2. Ability to apply professional and/or technical knowledge in the workplace</li><li>3. Ability to develop new innovative ideas, directions, opportunities or improvements</li><li>4. Leadership/managerial skills</li><li>5. Capacity for co-operation and teamwork</li><li>6. Ability to work with initiative and enterprise</li></ol>	<p>Online Guest lecturers were arranged with respective suggestion</p>

**CRITERION II -TEACHING-LEARNING AND EVALUATION****2.1 Student Enrolment and Profile****2.1.1 Demand Ratio during the year**

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
B Pharm (Aided)	61	(CAP –DTE admission*)	61
B Pharm (UA)	40	501	36
Pharm D**	30		29
M Pharm	90	670	70
Pharm D (PB)**	10		08
Ph D	16	18	16
B Pharm II Direct second year	6 (Aided)	(CAP –DTE admission*)	6
B Pharm II Direct second year	4 (UA)	16	4

\*B.Pharm I year and B.Pharm II Year Aided course direct admission through DTE Admission process.

\*\* B.Pharm Un-aided and Pharm.D admission through same application and entrance exam.

\*\*M.Pharm and Pharm.D. PB admission through same application and entrance exam.

**2.2 Catering to Student Diversity****2.2.1. Student - Full time teacher ratio (current year data)**

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
<b>2019-2020</b>	<b>412</b>	<b>334</b>	<b>22</b>	<b>07</b>	<b>34</b>

**2.3 Teaching - Learning Process****2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)**

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
<b>63</b>	<b>47</b>	Smart board, Lecture recording system, Videos of in-house lab experiments, online	<b>12</b>	<b>03</b>	e-books, e-journals, webinars, podcasts and related links

2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)

**Yes.**

Students mentoring is done through

1. Student council
  2. Teacher ward system –
  3. Women empowerment cell-
  4. Project
  5. Field/ Community related trainings
1. Student council- The class representatives of each class and teachers are the members of the student council. The first meeting of the student’s council members is called at the start of the session when new members take charge of their posts. Students are mentored on the  
  
Importance of discipline, attendance, academics, cultural and sports for overall development are discussed in this meeting. In the meeting, problems of the students are discussed and complaints of students are addressed .
  2. Teacher ward system -We have a system of teacher ward in our college wherein a group of 20 students is assigned to a teacher. The teacher regularly holds meeting with the students and discusses about their academic, college and personal problems if any and helps them find solution. We also have a class teacher system and these mentor teachers report to the class teacher. The slow learners are identified through the sessional examination and class viva voce during regular practical, are given all possible help in the college through the Teacher ward system
  3. Women empowerment cell- the institution has Women’s cell headed by the Vice - principal with  
  
4 ladies staff as members. Through this cell meetings are held to mentor and address any issues regarding sexual harassment in & outside the institute and also to create awareness amongst them regarding the changing environment of the society and safety issues.
  4. Project – For the project work in the eighth semester, the students are assigned a mentor who is a faculty to guide them and prepare a project report to be submitted for evaluation.
  5. For Pharm D students, community related clinical assignments are given like health care screening for oral cancer for susceptible population, adverse health effects on exposure to pesticides in farmers. The students are also assigned for counseling people on preventive measures for such health hazards. Such outreach programs are planned frequently and students are trained to conduct independent interviews/interactions using systematically prepared questionnaires.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
<b>802</b>	<b>63</b>	<b>1:12.73</b>

## 2.4 Teacher Profile and Quality

### 2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
<b>61</b>	<b>63</b>	<b>00</b>	<b>09</b>	<b>38</b>

### 2.4.2 Honours and recognitions received by teachers

*(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )*

<i>Year of award</i>	<i>Name of full time teachers receiving awards from state level, national level, international level</i>	<i>Designation</i>	<i>Name of the award, fellowship, received from Government or recognized bodies</i>
28 <sup>th</sup> Feb 2020	Dr K R Mahadik	Principal	IPA Pune lifetime achievement award
14 <sup>th</sup> Feb 2020	Dr Atmaram Pawar	Vice-principal	Healthcare award by World Health and Wellness Organization
15 <sup>th</sup> Feb 2020	Dr Sathiyarayanan	Associate professor	SFE Best local chapter award by Society for Ethnopharmacology, India.
17 & 18 January 2020	Dr Ravindra Kamble	Associate professor	First Prize in International Conference by SRTM University, Nanded
11 <sup>th</sup> January 2020	Mr. Bijoy Panda	Assistant professor	Best Poster Presentation at CPCON, Manipal
29,30 November 2019	Dr.Arulmozhi.S	Assistant Professor	Overall Best Research Paper Award at International Conference “Emerging Trends in Delivery of Phytoconstituents and Ethnopharmacology- Validation of Traditional Medicine II”
5 <sup>th</sup> -9 <sup>th</sup> Dec 2019	Dr.Urmila Aswar	Associate Professor	International award : Achari award Best paper presentation, IPSCON 2019, Hyderabad
2019, 2020	Dr Varsha Pokharkar	Professor	Int. J of Pharmaceutics, Molecular Pharmaceutics, Drug Delivery & Translational

			research
2019, 2020	Dr.Arulmozhi S	Assistant Professor	Phytotherapy Research, Journal of Ayurveda and Integrative Medicine (JAIM)
2020	Ajay G. Namdeo	Associate Professor	Journal of Ayurveda and Integrative Medicine (JAIM)
2020	Dr. Deepa Satish Mandlik	Asst. Professor	International Immunopharmacology (Sciencedirect), International Journal of Chronic Obstructive Pulmonary Disease (Dove Press), Journal of Applied Pharmaceutical Science
2019, 2020	Dr. Asavari Raut	Associate Professor	Indian Journal of Pharmaceutical and Education and Research, SAGE Open Medicine, Indonesian Journal of Clinical Pharmacy, Journal of Pharmacy Practice, International Journal of Clinical Research and Medical Science, Indian Journal of Health Sciences and Biomedical Research, Asian Journal of Advanced Research and Reports, International Journal of Pharmaceutical Research, Archives of Gerontology and Geriatrics
2019, 2020	Dr Urmila Aswar	Associate Professor	Naunyn Schmiedberg's Archives of Pharmacology, Food Chemistry, Saudi Pharmaceutical Journal, Brazilian Journal of Pharmaceutical Sciences, Pharmaceutical Biology.
2019, 2020	Dr. Vividha Dhapte	Associate Professor	1) Complementary Therapies in Clinical Practice 2) Springer Cellulose Journal
2019, 2020	Dr. Vinod L. Gaikwad	Associate Professor	Advanced Powder Technology Asian Journal of Pharmaceutical and Clinical Research Carbohydrate Polymers Current Clinical Pharmacology (Bentham Science) Current Drug Delivery (Bentham Science) Drug Delivery and Translational Research Drug Design, Development and Therapy

			International Research Journal of Medicine and Medical Sciences Journal of Biomolecular Structure & Dynamics Journal of Controlled Release Journal of Cosmetics, Dermatological Sciences and Applications (JCDSA) Journal of Polymer Research Journal of Research in Pharmacy Letters in Drug Design & Discovery (Bentham Science) Pharmaceutical Drug Regulatory Affairs Journal (PDRAJ) Research Journal of Pharmacy and Technology Reviews on Recent Clinical Trials (Bentham Science) Thai Journal of Pharmaceutical Sciences
--	--	--	---

## 2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year-end examination
B Pharm	0904001	Winter 2019	10-12-2019	23-01-2020
Pharm D	0903001	Summer 2019	03-05-2019	17-05-2019
PharmD	0903001	Supplimentary	14-07-2018	03-08-2019
M.Pharm (Pharmaceutical Biotechnology)	0903002	Summer 2019 (Sem I & II)	13-07-2019	03-08-2019
M.Pharm (Pharmaceutical Chemistry)	0903003	Summer 2019 (Sem I & II)	13-07-2019	03-08-2019
M.Pharm (Pharmaceutics)	0903004	Summer 2019 (Sem I & II)	13-07-2019	03-08-2019
M.Pharm (Pharmacognosy)	0903005	Summer 2019 (Sem I & II)	13-07-2019	03-08-2019
M.Pharm (Quality Assurance Techniques)	0903006	Summer 2019 (Sem I & II)	13-07-2019	03-08-2019
M.Pharm (Pharmacology)	0903007	Summer 2019 (Sem I & II)	13-07-2019	03-08-2019
M.Pharm (Drug Regulatory Affairs)	0903008	Summer 2019 (Sem I & II)	13-07-2019	03-08-2019
M.Pharm (Pharmaceutical Biotechnology)	0903002	Summer 2019 (Sem III&IV)	04-09-2019	07-09-2019 & 10-09-2019
M.Pharm	0903003	Summer 2019	04-09-2019	07-09-2019 &

(Pharmaceutical Chemistry)		(Sem III&IV)		10-09-2019
M.Pharm (Pharmaceutics)	0903004	Summer 2019 (Sem III&IV)	04-09-2019	07-09-2019 & 10-09-2019
M.Pharm (Pharmacognosy)	0903005	Summer 2019 (Sem III&IV)	04-09-2019	07-09-2019 & 10-09-2019
M.Pharm (Quality Assurance Techniques)	0903006	Summer 2019 (Sem III&IV)	04-09-2019	07-09-2019 & 10-09-2019
M.Pharm (Pharmacology)	0903007	Summer 2019 (Sem III&IV)	04-09-2019	07-09-2019 & 10-09-2019
M.Pharm (Drug Regulatory Affairs)	0903008	Summer 2019 (Sem III&IV)	04-09-2019	07-09-2019 & 10-09-2019
M.Pharm (Pharmaceutical Biotechnology)	0903002	Winter 2019 (Sem I & II)	19-01-2019	04-02-2019
M.Pharm (Pharmaceutical Chemistry)	0903003	Winter 2019 (Sem I & II)	19-01-2019	04-02-2019
M.Pharm (Pharmaceutics)	0903004	Winter 2019 (Sem I & II)	19-01-2019	04-02-2019
M.Pharm (Pharmacognosy)	0903005	Winter 2019 (Sem I & II)	19-01-2019	04-02-2019
M.Pharm (Quality Assurance Techniques)	0903006	Winter 2019 (Sem I & II)	19-01-2019	04-02-2019
M.Pharm (Pharmacology)	0903007	Winter 2019 (Sem I & II)	19-01-2019	04-02-2019
M.Pharm (Drug Regulatory Affairs)	0903008	Winter 2019 (Sem I & II)	19-01-2019	04-02-2019

2.5.2 Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year: Nil

**\*Do not include re-evaluation/ re-totalling**

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	Nil	Nil

## 2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

Yes, it has been included in the website: <https://pcp.bharativedyapeeth.edu/index.php/programs-and-courses/programme-educational-objectives>

### 2.6.2 Pass percentage of students

Program me Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage
0904001	B Pharm	84	81	96.43
0903001	Pharm D	40	39	97.50
0903002	M.Pharm (Pharmaceutical Biotechnology)	07	07	100
0903003	M.Pharm (Pharmaceutical Chemistry)	10	10	100

0903004	M.Pharm (Pharmaceutics)	14	14	100
0903005	M.Pharm (Pharmacognosy)	2	2	100
0903006	M.Pharm (Quality Assurance Techniques)	15	15	100
0903007	M.Pharm (Pharmacology)	10	10	100
0903008	M.Pharm (Drug Regulatory Affairs)	15	15	100

## **2.7 Student Satisfaction Survey**

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://pcp.bharativedyapeeth.edu/index.php/online-feedback>

**CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION****3.1 Promotion of Research and Facilities**

3.1.1 Teachers awarded National/International fellowship for advanced studies/ research during the year

	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
National	Dr. C. Bothiraja	Teachers Associate ship For Research Excellence 2020	11/11/2019	DST-SERB
International				

3.1.2 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

JRFs= 12, SRFs= 03, Research Associates (M.Pharm with fellowship)=77

Name of Research fellowship	Duration of fellowship	Funding agency
Major Research Project (JRF) Rishikesh Chakor	2016 – 2019	University Grants Commission
National Medicinal Plant Board (SRF) Prajakta Kulkarni	2016 – 2019	Ministry of AYUSH
Board of Research of Nuclear Science (SRF) Balaji Deshmukh	2016 – 2019	Bhabha Atomic Research Centre, Mumbai
National Doctoral Fellowship (JRF) Mohanrao Addi	2018 - 2021	All India Council for Technical Education
National Doctoral Fellowship (JRF) Snehalata Diddi	2018 – 2021	All India Council for Technical Education
National Doctoral Fellowship (JRF) Suraj More	2018 – 2021	All India Council for Technical Education
National Doctoral Fellowship (JRF) Sandip Sankaran,	2019-2022	All India Council for Technical

		Education
National Doctoral Fellowship (JRF) Devika Sonawane	2019-2022	All India Council for Technical Education
National Doctoral Fellowship (JRF) Ankita Yelne	2019-2022	All India Council for Technical Education
Dr. Babasaheb Ambedkar National Research Fellowship (SRF) Raj Ahiwale	2016 -2019	Dr. Babasaheb Ambedkar Research and Training Institute
Women Scientist (JRF) Ashwini Pharane	2019 – 2022	Ministry of Health and Family Welfare (Department of Health Research)
Empowerment and Equity Opportunities for Excellence in Science (JRF) Snehal Thakar	2019 – 2022	DST – Science and Engineering Research Board
Council of Scientific & Industrial Research (JRF) Mansoori	2019-2022	Council of Scientific & Industrial Research
Chief Minister Special Research Fellowship-2019 (JRF) Swati Karake, Abhishek Patil	2019-2022	Chhatrapati Shahu Maharaj Research, Training and Human Development Institute, Pune
M. Pharm. (Research Associate)	2019-2020	All India Council for Technical Education

### 3.2 Resource Mobilization for Research

3.2.1 Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the year
<b>Major projects</b>				
Fund for Improvement of S&T Infrastructure in Universities and	7 <sup>th</sup> Jan 2020 to 6 <sup>th</sup> Jan 2025 5 years	DST-FIST (Fund for Improvement of S&T)	7300000	0

Higher Educational Institutions (FIST) Program – 2019		Infrastructure)		
Peptide-aptamer functionalized stimuli-responsive nanocarriers for targeted delivery of anti-cancer bioactive to achieve eradication of breast tumor (Dr. Kavita Gajbhiye)	11 <sup>th</sup> Nov 2019 to 10 <sup>th</sup> Nov 2022 (3 years)	DST – Science and Engineering Research Board	3237000	1100000
Validating the performance of pharmaceutical aerosols by multi-scale simulations and analytical experiments. (Dr. Bothiraja)	11 <sup>th</sup> Nov 2019 to 10 <sup>th</sup> Nov 2022 (3 years)	DST-SERB-TARE	1980000	275000
Development of functional microemulsions for enhanced brain uptake in neurodegenerative disorders. Dr. A. P. Pawar	13 <sup>th</sup> March 2019 to 13 <sup>th</sup> March 2022 (3 years)	AICTE - Research Promotion Scheme	1200000	1180000
Isolation & characterization of phytochemicals from selected medicinal plants & development of chromatographic methods for their determination in herbal products. (Dr. K. R. Mahadik)	30 <sup>th</sup> Dec 2015 to 29 <sup>th</sup> Dec 2018 (3 years)	Ayush-National Medicinal plant Board (NMPB)	2055000	455000
Structural Modifications on herbal medicinal scaffold as potential bioenhancers and nanosizing effect of these agents on	21 <sup>st</sup> August 2019 to 20 <sup>th</sup> August 2022	HRD DHE Women Fellowship	3058750	840000

pharmacokinetic parameters of some drugs (Dr. S. Y. Gabhe, Student- A. B. Pharane)	(3 years)			
Fellowship for Doctoral Research	11 <sup>th</sup> Sep 2019 to 10 <sup>th</sup> Sep 2022 (3 Years)	Chief Minister Special Research Fellowship-2019 (2 PhD Students)	186000	186000
Microwave assisted synthesis, molecular docking and pharmacological evaluation of novel potent fluorinated thiazolidine and cinnamic acid analogues as antitubercular agents. Dr. Deepali Bansode	20 <sup>th</sup> Feb 2019 to 20 <sup>th</sup> Feb 2022 (3 years)	DST – Science and Engineering Research Board	4398000	0
Microbial load and stability of some phytochemical compounds of selected Indian medicinal plant materials as affected by a gamma irradiation. Dr. Ajay Namdeo	8 <sup>th</sup> August 2016 to 8 <sup>th</sup> August 2019 (3 years)	Board of Research of Nuclear Science	2583000	0
Engineered polymeric mixed micelles of selective estrogen receptor modulator for targeted delivery to breast cancer Dr. V. B. Pokharkar	4 August 2017 to 4 August 2020 (3 years)	AICTE - Research Promotion Scheme	1764706	0
Exploration of Tau pathway with curcumin loaded nanoformulation for treatment of Alzheimer's disease Dr. Arulmozhi S.	4 August 2017 to 4 August 2020 (3 years)	AICTE - Research Promotion Scheme	Rs. 17,64,706/-	0
AICTE Unnat	2019-2021	Unnat Bharat	Rs.2,80,000	Rs.2,80,000

Bharat Abhiyan		Abhiyan		
International Major Project				
Minor Projects	Nil	Nil	Nil	Nil
<b>Industry sponsored Projects</b>				
Clinical observational study – Evaluate the clinical efficacy of different brands Meropenem in critically ill patients.(Dr. Pawar, Dr. Bothiraja and Mrs. Manjusha Sajith)	1 <sup>st</sup> Feb 2019 to 28 Feb 2020 (1 year)	Sahyadri Hospitals, Pune Mr. Santosh Tengle, Sr. manager Supply Chain, Sahyadri Hospitals, Pune, Phone No. 02067215000, Email- santosh.tengle@sahyadrihospitals.com	511164	511164
Development and Validation of HPTLC Method for Tiotropium Bromide Impurities (Mrs. Preeti Tamane)	May 2019-Jan 2020 (9 Months)	Vamsi lab, Solapur Dr. R. N. Purohit, Director, RN Pharma Consulting, Pune, 9545023366, Email:- rnpurohit@rediffmail.com	65000	32500
Characterization of samcunabali jarita Rasasindura and in vivo study of its activity w.r.t. its digestive enzymes. (Dr. Urmila Aswar)	20 <sup>th</sup> July 2019 to 15 <sup>th</sup> January 2020 (6 Months)	Podar Ayurvedic Medical College, Mumbai Chinmay Phondekar- 9082786228, chinmayphondekar@gmail.com	81000	80184
Study of determination of serum levels of Imiquimod from formulations in laboratory animals and interferon expression. (Dr. Sathiyarayanan)	2 years	Celista Pvt Ltd, USA Dr. Yogesh Dandikar, MD, Celista Pharmaceuticals, Edina, USA E-mail: <a href="mailto:ydandi@gmail.com">ydandi@gmail.com</a>	560000	278230

and Dr.Arulmozhi.S)				
In Vitro Lung Deposition-Evaluation Of Nebulizer By Anderson Cascade Impactor. (Dr. A. J. Mali)	July 2019 to October 2019 (03 months)	Romson Scientific and Surgical Pvt. Ltd, Medico, Agra. Contact: Mr. Kishore Khanna, Email:- <a href="mailto:info@romsons.com">info@romsons.com</a> Tel:- 05626620000	192375	7375
Evaluation of Tablet formulation on Preclinical models of Alcohol withdrawal. (Dr. Arulmozhi)	March 2020 to February 2021 (1 year)	Arki Pharma Limited. Pune. Mr.Nanasaheb Dhavan, <a href="tel:9421582677">9421582677</a> <a href="mailto:dhavan.nanasaheb9@gmail.com">dhavan.nanasaheb9@gmail.com</a>	20098	15460
Evaluation of effect of INDMT in Chronic constriction injury (CCI) induced pain in Wistar rats. (Dr. Arulmozhi)	January 2019 to January 2021 (2 years)	Indus Biotech, Pune Dr.P.A.Thakurde sai, Manager, Scientific Affairs, Indus Biotech Pvt Ltd. Pune, <a href="mailto:prasad@indusbiotech.com">prasad@indusbiotech.com</a> 9226164041	196300	107106
Determination of sample drug in rat plasma after oral administration using HPLC. (Dr. Sathiyarayanan and Dr.Arulmozhi.S)	February 2020 to December 2020 (11 Months)	Hindustan Antibiotics Dr. S. M. More Advisor, Hindustan Antibiotics Limited, Pune. <a href="mailto:mts.hapune@gmail.com">mts.hapune@gmail.com</a> 9762570226	210600	105300
Consultation for von frey instrument	July 2019 to Sep 2019 (3 months)	PRADO Preclinical Dr. Pralhad Wangikar, CEO and Managing Director, Survey No. 170/1, Aundh Rawet	Rs. 10,000	10000

		BRTS Road, Tathawade, Tq. Mulshi, Dist. Pune - 411033. +91- 7770040105/ +91- 9987001604. <a href="mailto:pralhad.wangikar@pradopreclinical.com">pralhad.wangikar@pradopreclinical.com</a>		
Evaluation of mass balance of NPTX-07 when administered orally in rats	July 2019 to Sep 2019 (3 months)	Rasayani Biologicals Pvt.Ltd., Pune 48/7, Mahalunge (Padale), Tal-Mulshi, Pune-411045 Dr. Sandhya Bhabal, Email:- <a href="mailto:bhabalsandhya@gmail.com">bhabalsandhya@gmail.com</a> , Mob:- 9833458874	21100	21100
Projects sponsored by the University	Nil	Nil	Nil	Nil
Students Research Projects (other than compulsory by the University)	Nil	Nil	Nil	Nil
International Projects	01			
Pharmacological evaluation of honey formulation in wistar rats. Dr. Abhay Harsulkar & Dr. Arulmozhi S.	3 years	RMIT University, Australia	737642	0
Any other(Specify)	1 year	Center for Food Testing, Pune	2425000	2425000
	1 year	Public Testing Laboratory, Pune	250000	250000
<b>Total</b>			<b>Total</b>	<b>81,59,419</b>
<b>3.3 Innovation Ecosystem</b>				
3.3.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year				
Title of Workshop/Seminar	Name of the Dept.		Date(s)	
AICTE sponsored QIP on	Pharmacology, Poona College of		11 <sup>th</sup> to 23 <sup>rd</sup> Nov	

"Gen-Next Pharmacology: Today's Discovery Tomorrow's Medicine"	Pharmacy, Pune	2019
AICTE sponsored QIP on "Conceptualization to success in drug discovery and development: Spectacles to teaching and learning"	Pharmaceutical Chemistry, Poona College of Pharmacy, Pune	11th to 23rd Nov 2019
International Conference on Emerging Trends in Delivery of Phytoconstituents & Ethnopharmacology- Validation of Traditional Medicines-2.	Bharati Vidyapeeth (Deemed to be University), Poona College of Pharmacy, Pune-411038, India	29th -30th Nov 2019
Recent Advances in Transdermal Drug Delivery system and Development of Transdermal products	Pharmacognosy Department, Bharati Vidyapeeth (Deemed to be University), Poona College of Pharmacy, Pune	03/05/20
Einnovation- My Story- Innovators and Crossroads-Seminar	Institution's Innovation Cell (IIC), Poona College of Pharmacy- Calendar Activity	11th September 2019
Aakruti- a demo cum exhibition	Institution's Innovation Cell (IIC), Poona College of Pharmacy- Calendar Activity	25th Jan 2020
Design Thinking- open workshop	Institution's Innovation Cell (IIC), Poona College of Pharmacy- Calendar Activity	28th Jan 2020
Motivation for innovation- lets think logically- Seminar	Institution's Innovation Cell (IIC), Poona College of Pharmacy- Calendar Activity	28th Jan 2020

### 3.3.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation (Project)	Name of the Awardee	Awarding Agency	Date of Award	Category
Cefdinir loaded functionalized carbon nano tubes as novel dry powder inhaler formulation for efficient treatment for lung infections diseases	Dr Ravindra Kamble/Krishna Dhekale	SRTM University, Nanded.	17 & 18 January 2020	International

Kalyanaka ghrita ameliorates memory deficits in trimethyl induced neurodegeneration in rats	Dr Arulmozhi S/Saieswari Natesan	Society For Ethnopharmacology Pune, PCP Pune and AICTE	29-30 <sup>th</sup> November 2019	International
Simultaneous quantification of Isoniazid and Rifampicin in human plasma by LC-MS/MS Method	Mr. Bijoy Panda	CPCON Manipal 2020	11-12 <sup>th</sup> January 2020	International
A case of high dose methotrexate induced fulminant hepatic failure and pancytopenia in an acute lymphoblastic leukemia pediatric patient	Miss Monidipa choudhary	CPCON Manipal 2020	11-12 <sup>th</sup> January 2020	International
Evaluation of INDCA on chronic unpredictable mild stress induced depression and cognitive deficit in Sprague-Dawley rats.	Dr Urmila Aswar	International award : Achari award Best paper presentation, IPSCON 2019, Hyderabad	5 <sup>th</sup> -9 <sup>th</sup> Dec 2019	International
Shortlisting of software project entitled "Vaxine time"	Mr. Shivam Kumar	smart India Hackathon 2020	1 <sup>st</sup> March 2020	National
Comparison of Efficacy and Cost of two Oral Sedatives in Recording Pediatric	Ms. Harsimaran Kour	First Prize in International conference by CPCON Manipal college of pharmaceutical sciences 2020	11 <sup>th</sup> -12 <sup>th</sup> January 2020	International

Electroencephalography: A tertiary care centre study				
3.3.3 No. of Incubation centre created, start-ups incubated on campus during the year				
Incubation Centre	Name		Sponsored by	
Nil	Nil		Nil	
Name of the Start-up				
Nil	Nature of Start-up		Date of commencement	
Nil	Nil		Nil	
<b>3.4 Research Publications and Awards</b>				
3.4.1 Ph. Ds awarded during the year				
Name of the Department		No. of Ph. Ds Awarded		
Pharmaceutics		2		
Pharmaceutical Chemistry		2		
Pharmacy Practice		1		
3.4.2 Research Publications in the Journals notified on UGC website during the year				
	Department	No. of Publication	Average Impact Factor, if any	
National	06	06	1.209/6= 0.202	
International	06	43	80.42/43=1.87	
3.4.3 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year				
Books and Book Chapters - Department		No. of publication		
Department of Pharmaceutics		5		
Department of Pharmacognosy		1		
Department of Pharmacology		1		
<b>Papers in National/International Conference Proceedings per Teacher during the year = 1.116</b>		<b>National = 31; International = 36; Total = 67</b>		
		<b>No. Of Teachers = 60</b>		
		<b>National</b>	<b>International</b>	
<b>Department of Pharmaceutics</b>		<b>2</b>	<b>1</b>	
<b>Department of Pharmacology</b>		<b>1</b>	<b>22</b>	
<b>Department of Pharmaceutical Chemistry</b>		<b>1</b>	<b>0</b>	
<b>Department of Clinical Pharmacy</b>		<b>27</b>	<b>13</b>	
3.4.4 Patents published/awarded during the year				
Patent Details	Patent status	Patent Number	Date of Award	
	<b>Published/Filed</b>			

<p>A phytoconstituent enriched herbal composition and a process for preparing the same</p> <p>Arulmozhi.S, KR Mahadik, Vividha V Dhapte, Sathiyarayanan L, Bhagyashri Narayan Atre</p>	<p>Filed 4<sup>th</sup> February 2020</p>	<p>Appli.No. 202021004911</p>	<p>-</p>
--	---	-----------------------------------	----------

3.4.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Current Middle East Pharma Market (1 Page Editorial)	Vinod L Gaikwad	Pharmaceutic al Drug Regulatory Affairs Journal	July 2019	0	Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Erandwane	0
Synthesis of fisetin co-crystal with caffeine and nicotinamide by cooling crystallization technique: Biopharmaceutical studies	Rohini Mohite, Piyush Mehta, S. Arulmozhi, Ravindra Kamble, Atmaram Pawar and C. Bothiraja	New Journal of Chemistry (Scopus, Web of Science)	July 2019	0	Bharati Vidyapeeth Deemed University Poona College of Pharmacy: Pune	0
Validated HPTLC Method for	Savita Yadav & Vividha Dhapte	International Journal of Pharmaceutic	August 2019	0	Department of Pharmaceut	0

Simultaneous Estimation of Meloxicam and Paracetamol in their Formulation		al Sciences Review and Research (Scopus, Web of Science)			ical Chemistry, Bharati Vidyapeeth (Deemed To Be University), Poona College of Pharmacy, Erandwane, Pune	
Risk assessment and QbD based optimization of an Eprosartan mesylate nanosuspension: in-vitro characterization, PAMPA and in-vivo assessment	Pokharkar Vansha, Prachi Shekhawat	International Journal of Pharmaceutics (Scopus, Web of Science)	August 2019	5	Department of Pharmaceutics, Bharati Vidyapeeth University, Poona College of Pharmacy, Erandwane, Pune	5
Why should Sci-Hub be supported?	Prasanna Deshpande	International Journal of Health & Allied Sciences	August 2019	0	Department of Clinical Pharmacy, Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Pune	0
Determination of trace elements in various parts of <i>Eichhornia</i>	Deepti Khanvilkar, Simran Nagarjee	Journal of Pharmacognosy and Phytochemistry (Web of science)	August 2019	0	Department of Pharmaceutical Chemistry, Bharati Vidyapeeth	0

<i>crassipes</i>					(Deemed To Be University), Poona College of Pharmacy, Erandwane, Pune	
Study of clinical efficacy, safety and tolerability of low cost branded generic antiepileptic drugs in children and adolescents	Bijoy Kumar Panda, Neha Vijay Parekh, Ruth Susan George, Adhiraj Dharmadhikari, Kavita Srivastava	International Journal of Basic & Clinical Pharmacology	August 2019	0	Department of Clinical Pharmacy, Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Pune  Dept. of Pediatrics, BVDUMCH	0
Quantitative Structure-Property Relationship Approach in Formulation Development: An Overview	Vinod L. Gaikwad, Ajit S. Kulkarni, Amit J. Kasabe, Manish S. Bhatia, Neela M. Bhatia	AAPS PharmSciTech (Scopus, Web of Science)	August 2019	1	Department of Pharmaceutics, Satara College of Pharmacy, Satara, Department of Pharmaceutics, BVDU Poona College of Pharmacy, Pune, Department of Pharmaceutics, PDEA's Shankarrao Ursal College of	1

					Pharmaceutical Sciences and Research Center, Kharadi,	
Paroxetine hydrochloride push-pull osmotic pump tablets: Designing an innovative, scalable push-pull osmotic drug delivery system using QbD approach	Varsha B. Pokharkar, Prathmesh P. Kenjale, Manjushaa. Joshi,	Drug Delivery Letters (Scopus)	September, 2019	0	Department of Pharmaceutics, Bharati Vidyapeeth University, Poona College of Pharmacy, Erandwane, Pune, Sai Life Sciences Ltd, Hinjewadi	0
Bioanalytical Method Development and Validation of Estimation of Nimorazole by RP-HPLC in Human Plasma	Savita S Yadav, Nilam B Jadhav, Kuldeep Singh Gusain	International Journal of PharmTech Research (Scopus)	September 2019	0	Department of Pharmaceutical Chemistry, Bharati Vidyapeeth (Deemed To Be University), Poona College of Pharmacy, Erandwane, Pune	0
Beneficial effects of Stevioside on AGEs, blood glucose, lipid profile and renal status	<b>Dr. Urmila Aswar</b>	Journal of Applied Biomedicine (Scopus)	September 2019	0	Bharati Vidyapeeth (Deemed to be University), Poona College of Pharmacy, Erandwane	0

in streptozotocin-induced diabetic rats					, Pune, Maharashtra, India, STES's Sinhgad Institute of Pharmacy, Savitribai Phule Pune University, Narhe, Pune, Maharashtra, India, National Chemical Laboratory, Pune, Maharashtra, India	
Analysis of Chromium (III) Picolinate in Capsule dosage form by using Stability indicating HPTLC Method	Savita Yadav, Aditi R. Kakade,	International Journal of ChemTech Research (Scopus)	September 2019	0	2Department of Pharmaceutical Chemistry, Bharati Vidyapeeth (Deemed To Be University), Poona College of Pharmacy, Erandwane, Pune-411 038, India, Department of Quality Assurance Techniques, Bharati Vidyapeeth (Deemed To Be University), Poona College of Pharmacy,	0

					Erandwane , Pune-411 038, India	
Analysis of Bisoprolol Fumarate and Amlodipin e Besylate in Tablet Dosage Form by Using HPTLC	Savita S Yadav, Nilam B Jadhav	International Journal of Pharmaceutic al Sciences Review and Research (Scopus)	Septembe r 2019	0	2Departme nt of Pharmaceut ical Chemistry, Bharati Vidyapeeth (Deemed to be University) , Poona College of Pharmacy, Erandwane , Pune, Department of Quality Assurance Techniques , Bharati Vidyapeeth (Deemed to be University) , Poona College of Pharmacy, Erandwane , Pune	0
QSPR Modeling of Biopharma ceutical Properties of Hydroxypr opyl methylcell ulose (Cellulose Ethers) Tablets Based on its Degree of	Vinod L. Gaikwad, Amit J. Kasabe, Ajit S. Kulkarni	AAPS PharmSciTec h (Scopus, Web of Science)	Septembe r 2019	0	Department of Pharmaceut ics, BVDU Poona College of Pharmacy, Erandwane , Pune,, Department of Pharmaceut ical Chemistry, PDEA's	0

Polymerization					Shankarrao Ursal College of Pharmaceutical Sciences and Research Center, Kharadi,	
Evaluation and comparison of the utilization of anti-epileptic drugs in Indian paediatric patients with global usage data	Bijoy Kumar Panda, Neha Vijay Parekh, Ruth Susan George, AdhirajDhar madhikari, Sandeep Patil	Journal of Pharmaceutical Health Services Research (Scopus, Web of Science)	September 2019	0	Department of Clinical Pharmacy, Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Pune	0
A study on prescribing pattern of cephalosporins utilization and its compliance towards the hospital antibiotic policy in surgery ward of a tertiary care teaching hospital in India	Bijoy Kumar Panda, Nikki Soman, Shinu Mary John, J. K. Banerjee	International Surgery Journal	October 2019	0	Department of Clinical Pharmacy, Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Pune	0
Synthesis, screening of novel 1-substituted -3-(4-oxo-2-phenylquinazolin-	Kakasaheb R Mahadik, Deepali A Bansode, Sandhya R Dhokale, Snehal R Thakar	International Journal of Pharmacy and Pharmaceutical Sciences	November 2019	0	2Department of Pharmaceutical Chemistry, Poona College of Pharmacy,	0

3(4h)-yl) urea and thiourea analogues as potent antibacterials					Bharati Vidyapeeth (Deemed to be University), Pune	
Probing the influence of lactose fines, a USP modified induction port and modified DDU apparatus on the aerodynamic behavior of a flutoconazole propionate DPI	Piyush Mehta, C. Bothiraja, Shivajirao Kadam, Atmaram Pawar, Piyush Mehta (PhD)	New Journal of Chemistry (Scopus, Web of Science)	November 2019	4	Bharati Vidyapeeth Deemed University Poona College of Pharmacy: Pune	0
Vascular Endothelial Growth Factor Receptor (VEGFR-2)/KDR Inhibitors: Medicinal Chemistry Perspective	Dr V. M. Kulkarni, Siddharth J. Modi	Medicine in Drug Discovery (Scopus)	November 2019	2	Department of Pharmaceutical Chemistry, Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Erandwane, Pune	2
Assessing the rationale of FDC containing ofloxacin and azoles: dissolution,	Atmaram Pawar, Akshay Kamble, Swati Korake, Vividha Dhapte-	International Journal of Pharmacy and Pharmaceutical Sciences	November 2019	0	Department of Pharmaceutics, Poona College of Pharmacy, Bharati Vidyapeeth	0

permeation and antimicrobial studies	Pawar, Akshay Kamble				University, Erandwane, Pune	
Nanotechnology: Regulatory Outlook on Nanomaterials, and Nanomedicines in United States, Europe and India	Sharvil Patil, Rashi Malik	Applied Clinical Research, Clinical Trials & Regulatory Affairs	December 2019	0	Bharati Vidyapeeth Deemed University Poona College of Pharmacy: Pune	0
Review on the induction of obesity in laboratory animals	Aswar Urmila, Bodhankar S.L., Rashmi Patil	Diabetesity	January 2020	0	Bharati Vidyapeeth (Deemed to be University), Poona College of Pharmacy, Erandwane, Pune,	0
Regulatory Perspective of International Agencies for Development of Biosimilar Products (Monoclonal Antibodies): An Overview	Shyam Khante, Kakasaheb R. Mahadik, Vinod L. Gaikwad, Atul Sharma	Therapeutic Innovation and Regulatory Science (Scopus, Web of Science)	January 2020	0	Department of Pharmaceutics, BVDU Poona College of Pharmacy, Erandwane, Pune,,	0
Global Pediatric Regulations: An Overview	Vinod L. Gaikwad, Varsha B. Pokharkar, Priya M.	Therapeutic Innovation and Regulatory Science	January 2020	0	Department of Pharmaceutics, BVDU Poona	0

	Gadge, Prathmesh P. Kenjale	(Scopus, Web of Science)			College of Pharmacy, Erandwane , Pune,,	
Saponins and Sapogenins of Agave with Respect to Diverse Pharmacol ogical Role of Hecogenin	Deepa S. Mandlik	International Journal of Pharmacy and Pharmaceutic al Sciences	January 2020	0	Bharati Vidyapeeth University (Deemed to be University) , Poona College of Pharmacy, Erandawan e, Pune	0
An Overview of the Drug Registratio n Requireme nts for Export to Tanzania, Nepal, and Cambodia	Shyam Khante, Kakasaheb R. Mahadik, Vinod L. Gaikwad, Triveni V. Shelke, Mukund B. Sarda	Therapeutic Innovation and Regulatory Science (Scopus, Web of Science)	January 2020	0	Department of Pharmaceut ics, BVDU Poona College of Pharmacy, Erandwane , Pune, Department of Pharmaceut ical Chemistry, BVDU Poona College of Pharmacy, Pune,	0
Influence of modified induction port, modified DUSA assembly and device air-inlet geometry on the aerosolizati on pattern	Piyush Mehta, Shivajirao Kadam, Atmaram Pawar, Piyush Mehta	Journal of Drug Delivery Science and Technology (Scopus)	January 2020	3	Department of Pharmaceut ics, Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Paud Road, Rambaug	3

of a dry powder inhaler					Colony, Erandwane , Pune, Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Paud Road, Rambaug Colony, Erandwane , Pune,	
Recent advances in inhalable liposomes for treatment of pulmonary diseases: Concept to clinical stance	Atmaram P. Pawar, Shivajirao S. Kadam, Vividha S. Dhapte-Pawar, Piyush P. Mehta (PhD) & Debjit Ghoshal (MPharm)	Journal of Drug Delivery Science and Technology (Scopus)	January 2020	3	Department of Pharmaceutics, Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Paud Road, Rambaug Colony, Erandwane , Pune, Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Paud Road, Rambaug Colony, Erandwane , Pune,	2
An Overview of Chemistry and	Deepali Bansode, Harish Ratnparkhi, Snehal	Scholars Academic Journal of Pharmacy	January 2020	0	Department of Pharmaceutical Chemistry,	0

Antitubercular Activity of Thiazolidinediones	Thakar	(Scopus)			Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Pune	
A review article on floating drug delivery system	Sayali J. Patil	European Journal Of Pharmaceutical & Medical Research	February 2020	0	BVDU Poona College of Pharmacy, Erandwane, Pune,	0
Combination of Sarsapogenin and Fluticasone attenuates ovalbumin-induced airway inflammation in a mouse asthma model	Dr. Deepa K. Ingawale, Dr. Satish K. Mandlik, Dr. Snehal S. Patel	Immunopharmacology and Immunotoxicology (Scopus)	February 2020	0	Department of Pharmacology, Bharati Vidyapeeth University (Deemed to be University), Poona College of Pharmacy, Erandwane, Pune, Sinhgad college of Pharmacy, Pune, Department of Pharmacology, Nirma University, Gujarat	0
New insights into the novel anti-inflammatory mode of	Dr. Deepa K. Ingawale, Dr. Satish K. Mandlik	Immunopharmacology and Immunotoxicology	February 2020	0	Department of Pharmacology, Bharati Vidyapeeth	0

action of glucocorticoids		(Scopus)			University (Deemed to be University), Poona College of Pharmacy, Erandawane, Pune, Sinhgad college of Pharmacy, Pune, Department of Pharmacology, Nirma University, Gujarat	
PEGylated nanocarriers: A promising tool for targeted delivery to the brain.	Dr. Kavita Gajbhiye, Dr. Atmaram Pawar, Dr. K. R. Mahadik, Dr. Virendra Gajbhiye	Colloids and Surfaces B: Biointerfaces (Scopus)	March 2020	1	Department of Pharmaceutics, Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Erandwane, Pune, Nanobioscience Group, Agharkar Research Institute, Pune	1
Case report on hypersensitivity to methotrexate infusion in a pediatric Acute	ManjushaSajith, AtmaramPawar, vibha Bafna Sandip Bartakke.	Journal of Oncology Pharmacy Practice (Scopus)	March 2020	1	Department of Clinical Pharmacy, Bharati Vidyapeeth Deemed University, Poona College of	0

Lymphoblastic Leukaemia					Pharmacy, Pune, Department of Pediatrics, Paediatric Hemato Oncologist, Bharati Hospital & Research center, Pune	
Exploring the impact of extrinsic lactose fines, a USP modified sampling device and modified centrifuge tube on the delivered dose uniformity and drug detachment performance of a fluticasone propionate dry powder inhaler	Piyush Mehta, Shivajirao Kadam, Atmaram Pawar, Piyush Mehta (PhD)	J Drug Deliv Sci Technol (Scopus)	<stvj	1	Bharati Vidyapeeth Bhavan, Bharati Vidyapeeth Deemed University, LBS Road, Next to Alka Talkies 13, Sadashiv Peth, Pune, Department of Pharmaceutics, Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Paud Road, Rambaug Colony, Erandwane, Pune,	0
Identifying potential GluN2B subunit containing N-Methyl-	Ravi Singh, Ankit Ganeshpurkar, Devendra Kumar, Dileep	Journal of Biomolecular Structure and Dynamics (Scopus and web of	March 2020	2	Poona College of Pharmacy, Bharati Vidyapeeth Deemed	1

d-aspartate receptor inhibitors: An integrative in silico and molecular modeling approach.	Kumar, Ashok Kumar & Sushil Kumar Singh	science)			University, Erandwane, Pune, Department of Pharmaceutical Engineering and Technology, Indian Institute of Technology (Banaras Hindu University), Varanasi	
Pharmacological Evaluation of Ashwagandha Highlighting Its Healthcare Claims, Safety, and Toxicity Aspects	Deepa S. Mandlik Ajay G. Namdeo	Journal of Dietary Supplements (Scopus and web of science)	April 2020	1	Department of Pharmacology, Bharati Vidyapeeth University (Deemed to be University), Poona College of Pharmacy, Erandawan e, Pune	1
A simple, rapid and sensitive high-performance thin-layer chromatographic method for the simultaneous estimation of Berberine and 5-	Preeti Tamane, Dr Varsha Pokharkar, Rajasree Pai	Journal of Planar Chromatography – Modern TLC (Scopus)	April 2020	0	Department of Pharmaceutics, Bharati Vidyapeeth (Deemed to be) University, Poona College of Pharmacy,	0

fluorouracil in rabbit plasma					Erandwane, Pune	
Paroxetine Hydrochloride Push-pull Osmotic Pump Tablets: Designing an Innovative, Scalable Push-Pull Osmotic Drug Delivery System Using QbD Approach	Vividha V. Dhapte, Varsha B. Pokharkar, Prathmesh P. Kenjale, Manjusha A. Joshi, Umesh N. Khatavkar	Drug Delivery Letters (Scopus)	May 2020		Department of Pharmaceutics, Bharati Vidyapeeth (Deemed to be) University, Poona College of Pharmacy, Erandwane, Pune	
Effect of gamma-irradiation processing on microbial decontamination, bioactive shatavarin IV constituent and shelf life of shatavari (Asparagus racemosus) marketed formulations	Ajay G.Namdeo, Kakasaheb R. Mahadik, Balaji D. Deshmukh, Sudhir Singh, Devanand P. Fulzele	Radiation Physics and Chemistry (Scopus)	May 2020	0	Department of Pharmacognosy, Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Erandwane, Pune, Plant Biotechnology and Secondary Metabol	0

					ites Section, Nuclear Agricult ure and Biotech nology Division , Bhabha Atomic Researc h Centre, Tromba y, Mumbai	
Flavonoids as Multi- Target Compound s: A Special Emphasis on their Potential as Chemo- adjuvants in Cancer Therapy	Ajay G. Namdeo, Piyush Trivedi, Sai H.S. Boddu, Haneen Amawi, Charles R. Ashby Jr. Diwakar B. Tukaramrao, R. Jayachandra Babu, Amit K. Tiwari	Current Pharmaceutic al Design (Scopus)	May 2020	0	Department of Pharmacog nosy, Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University) , Erandwane , Pune	0
Effect of USP induction ports and modified glass sampling apparatus on aerosolizati on performanc e of lactose carrier- based fluticasone	Piyush Mehta, Shivajirao Kadam, Atmaram Pawar	Journal of Drug Delivery Science and Technology (Scopus)	May 2020		Bharati Vidyapeeth Bhavan, Bharati Vidyapeeth Deemed University, LBS Road, Next to Alka Talkies 13, Sadashiv Peth, Pune, Department of Pharmaceut	

propionate dry powder inhaler					ics, Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Paud Road, Rambaug Colony, Erandwane , Pune,	
Analytical method development and validation HPLC method for nasal spray formulation of azelastine hydrochloride and fluticasone furoate with accelerated stability studies	Mohan R. Chaudhari , Vaishnavi V. Nivekar	Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry	May 2020	0	Department of Pharmaceutical Chemistry, Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Pune	0
<b>National Publication July 2019-June 2020.</b>						
<b>Title of the Paper</b>	<b>Name of the author</b>	<b>Title of the journal</b>	<b>Year</b>	<b>Citation Index</b>	<b>Institutional affiliation as Mentioned in the publication</b>	<b>No. of citations excluding self-Citations</b>
A Study on Drug Prescription Pattern of Antiepileptic Drugs	Urmila Aswar	Journal of Association of Physicians of India,	March 2020	0	Bharati Vidyapeeth (Deemed to be	0

(AEDs) at a Tertiary Care Hospital in North Eastern India.,					Univer sity), Poona Colleg e of Pharma cy, Erand wane, Pune, Mahara shtra, India,	
Serum Methotrexate level and side effects of High Dose Methotrexate infusion in Pediatric patients with acute lymphoblastic Leukamia,	VibhaBafana , SandipBartakke, Kannan Subramanian , Neelavaidya,	Indian J Hematol. Blood Transfus (Scopus)	January 2020	0	Department of Clinical Pharmacy, Bharati Vidyapeeth Deemed University, Poona College of Pharmacy, Pune, Maharashtra, India	0
Application of HPLC for simultaneous determination of isoniazid, rifampicin and pyrazinamide in a fixed dose formulation.	Bijoy Kumar Panda Sathiyarayan L., Manoj Dikkatwar,	Journal of Advanced Scientific Research	February 2020	0	Department of Clinical Pharmacy, Bharati Vidyapeeth Deemed University, Poona College of Pharmacy, Pune, Maharashtra, India	0
QbD Based Optimization of Curcumin Nanoemulsion: DoE and	Shambhavi Acharya M. Pharm, QA	Indian Journal Of Pharmaceutical Education And Research (Scopus)	April 2020		Department of Drug Regulatory Affairs, Bharati Vidyapeeth (Deemed to	

Cytotoxicity Studies					be University) , Poona College of Pharmacy, Erandwane , Pune, 1 Department of Quality Assurance Techniques , Bharati Vidyapeeth (Deemed to be University) , Poona College of Pharmacy, Erandwane ,	
Effect of Academic Detailing on Improvement in Venous Thromboembolism Prophylaxis for Critically Ill and Surgical	Bijoy Kumar Panda, Vinod Kumar, M N Ketkar, Dr. Jignesh Shah	Indian J Vasc Endovasc Surg	March 2020	0	Department of Clinical Pharmacy, Bharati Vidyapeeth Deemed University, Poona College of Pharmacy, Pune  Dept. of Surgery, BVDU Medical College , Critical Care BVDU Medical College	0
A Rare Case Report on Telmisartan Induced	Bijoy Kumar Panda, Siddhi P. Umarje, Arundhati	Journal in Indian College of Cardiology	December 2019	0	Department of Clinical Pharmacy, Bharati Vidyapeeth	0

Angioedema and Mouth Ulcers	Priti Dhande			Deemed University, Poona College of Pharmacy, Pune  Department of General Medicine, Bharati Vidyapeeth Medical College and Hospital, Bharati Vidyapeeth (Deemed to be University), Pune, Maharashtra, India,	
-----------------------------	--------------	--	--	---	--

3.4.6 h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Current Middle East Pharmacy Market (1 Page Editorial)	Vinod L Gaikwad	Pharmaceutical Drug Regulatory Affairs Journal	July 2019	0	0	Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Erandwane,
Paroxetine hydrochloride push-pull osmotic pump tablets : Designing an innovative, scalable push-pull osmotic drug delivery system using QbD approach	Varsha B. Pokharkar, Prathmesh P. Kenjale, Manjusha Joshi,	Drug Delivery Letters	September, 2019	0	0	Department of Pharmaceutics, Bharati Vidyapeeth University, Poona College of Pharmacy, Erandwane, Pune,  Sai Life Sciences Ltd, Hinjewadi

Bioanalytical Method Development and Validation of Estimation of Nimorazole by RP-HPLC in Human Plasma	Savita S Yadav, Nilamb Jadhav, Kuldeep Singh Gusain	International Journal of PharmTech Research	September 2019	0	0	Department of Pharmaceutical Chemistry, Bharati Vidyapeeth (Deemed To Be University), Poona College of Pharmacy, Erandwane, Pune
Synthesis of fisetin co-crystal with caffeine and nicotinamide by cooling crystallization technique: Biopharmaceutical studies	Rohini Mohite, Piyush Mehta, S. Arulmozhi, Ravindra Kamble, Atmaram Pawar and C. Bothiraja	New Journal of Chemistry	July 2019	0	0	Bharati Vidyapeeth Deemed University Poona College of Pharmacy: Pune
Validated HPTLC	Savita Yadav & Vividh	International Journal of Pharmace	August 2019	0	0	Department of Pharmaceutical

Method for Simultaneous Estimation of Meloxicam and Paracetamol in their Formulation	adhapte	Journal of Pharmaceutical Sciences Review and Research				Department of Chemistry, Bharati Vidyapeeth (Deemed To Be University), Poona College of Pharmacy, Erandwane, Pune
Risk assessment and QbD based optimization of an Eprosartan mesylate nanosuspension: in-vitro characterization, PAMPA and in-vivo assessment	PokharVarkarVarkar, Prachi Shekhawat	International Journal of Pharmaceutics	August 2019	0	5	Department of Pharmaceutics, Bharati Vidyapeeth University, Poona College of Pharmacy, Erandwane, Pune
Why should Sci-Hub be	Prasanna Deshpande	International Journal of Health & Allied	August 2019	0	0	Department of Clinical Pharmacy, Poona College of

supported?		Sciences				Pharmacy, Bharati Vidyapeeth Deemed University, Pune
Determination of trace element in various parts of <i>Eichhornia crassipes</i>	Deepti Khanvilkar, Simran Nagarjee	Journal of Pharmacognosy and Phytochemistry	August 2019	0	0	Department of Pharmaceutical Chemistry, Bharati Vidyapeeth (Deemed To Be University), Poona College of Pharmacy, Erandwane, Pune
Study of clinical efficacy, safety and tolerability of low cost branded generic antiepileptic drugs in children and adolescents	Bijoy Kumar Panda, Neha Vijay Parekh, Ruth Susan George, Adhiraj Dharmadhikari, Kavita Srivastava	International Journal of Basic & Clinical Pharmacology	August 2019	0	0	Department of Clinical Pharmacy, Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Pune  Dept. of Pediatrics, BVDUMCH

Quantitative Structure-Property Relationship Approach in Formulation Development: An Overview	Vinod L. Gaikwad, Ajit S. Kulkarni, Amit J. Kasabe, Manish S. Bhatia, Neela M. Bhatia	AAPS PharmSci Tech	August 2019	0	1	Department of Pharmaceutics, Satara College of Pharmacy, Satara, Department of Pharmaceutics, BVDU Poona College of Pharmacy, Pune, Department of Pharmaceutics, PDEA's Shankarrao Ursal College of Pharmaceutical Sciences and Research Center, Kharadi,
Beneficial effects of Stevioside on AGEs, blood glucose, lipid profile and renal status in streptozotoc	Dr. Urmil Aswar	Journal of Applied Biomedicine	September 2019	0	0	Bharati Vidyapeeth (Deemed to be University), Poona College of Pharmacy, Erandwane, Pune, Maharashtra, India, STES's Sinhgad Institute

in- induce d diabet ic rats						of Pharmac y, Savitriba i Phule Pune Universi ty, Narhe, Pune, Maharas htra, India, National Chemica l Laborato ry, Pune, Maharas htra, India
Analy sis of Chro mium (III)Pi colina te in Capsu le dosag e form by using Stabili ty indica ting HPTL C Metho d	Savita Yadav , Aditi R. Kakad e,	Internatio nal Journal of ChemTec h Research	September 2019	0	0	2Department of Pharmaceuti cal Chemistry, Bharati Vidyapeeth (Deemed To Be University), Poona College of Pharmacy, Erandwane, Pune-411 038, India, Department of Quality Assurance Techniques, Bharati Vidyapeeth (Deemed To Be University), Poona College of

						Pharmacy, Erandwane, Pune-411 038, India
Analysis of Bisoprolol Fumarate and Amlodipine Besylate in Tablet Dosage Form by Using HPTLC	Savita S Yadav , Nilam B Jadhav	International Journal of Pharmaceutical Sciences Review and Research	September 2019	0	0	2Department of Pharmaceutical Chemistry, Bharati Vidyapeeth (Deemed to be University), Poona College of Pharmacy, Erandwane, Pune, Department of Quality Assurance Techniques, Bharati Vidyapeeth (Deemed to be University), Poona College of Pharmacy, Erandwane, Pune
QSPR Modeling of Biopharmaceutical Properties of Hydroxypropyl methylcellulose (Cellulose	Vinod L. Gaikwad, Amit J. Kasabe, Ajit S. Kulkarni	AAPS PharmSci Tech	September 2019	0	0	Department of Pharmaceutics, BVDU Poona College of Pharmacy, Erandwane, Pune,, Department of Pharmaceutical Chemistry,

Ethers ) Tablets Based on its Degree of Polymerization						PDEA's Shankarrao Ursal College of Pharmaceutical Sciences and Research Center, Kharadi,
Evaluation and comparison of the utilization of anti-epileptic drugs in Indian paediatric patients with global usage data	Bijoy Kumar Panda, Neha Vijay Parekh, Ruth Susan George, Adhira jDharmadhikari, Sandeep Patil	Journal of Pharmaceutical Health Services Research	September 2019	0	0	Department of Clinical Pharmacy, Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Pune
A study on prescribing pattern of cephalosporins utilization and its compliance towards the	Bijoy Kumar Panda, Nikki Soman, Shinu Mary John, J. K. Banerjee	International Surgery Journal	October 2019	0	0	Department of Clinical Pharmacy, Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Pune

hospital antibiotic policy in surgery ward of a tertiary care teaching hospital in India						
Synthesis, screening of novel 1-substituted-3-(4-oxo-2-phenylquinazolin-3(4h)-yl)urea and thiourea analogues as potent antibacterials	Kakas aheb R Mahadik, Deepali A Bansode, Sandhya R Dhokale, Snehal R Thakarr	International Journal of Pharmacy and Pharmaceutical Sciences	November 2019	0	0	2Department of Pharmaceutical Chemistry, Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Pune
Probing the influence of lactose fines, a USP modifier	Piyush Mehta, C. Bothiraja, Shivajirao Kada	New Journal of Chemistry	November 2019	0	4	Bharati Vidyapeeth Deemed University Poona College of Pharmacy: P

ed induct ion port and modifi ed DDU appara tus on the aerod ynam ic behavi or of a flutoc onazol e propio nate DPI	m, Atmar am Pawar, Piyush Mehta (PhD)					une
Vascu lar Endot helial Growt h Factor Recep tor (VEG FR-2)/KD R Inhibit ors: Medic inal Chemi stry Perspe ctive	Dr V. M. Kulkar ni, Siddha rth J. Modi	Medicine in Drug Discovery	November 2019	0	2	Department of Pharmaceuti cal Chemistry, Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Erandwane, Pune
Nanot echnol ogy: Regul atory Outlo ok on Nano materi	Sharvi l Patil, Rashi Malik	Applied Clinical Research, Clinical Trials & Regulator y Affairs	December 2019	0	0	Bharati Vidyapeeth Deemed University Poona College of Pharmacy: P

als, and Nano medic ines in Unite d States, Europ e and India						une
Asses sing the ration ale of FDC contai ning ofloxa cin and azoles : dissol ution, perme ation and antimi crobial studie s	Atmar am Pawar, Aksha y Kambl e, Swati Korak e, Vividh a Dhapt e- Pawar, Aksha y Kambl e	Internatio nal Journal of Pharmacy and Pharmace utical Sciences	November 2019	0	0	Department of Pharmaceuti cs, Poona College of Pharmacy, Bharati Vidyapeeth University, Erandwane, Pune
Revie w on the induct ion of obesit y in labora tory anima ls	Aswar Urmil a, Bodha nkar S.L., Rashm i Patil	Diabesity	January 2020	0	0	Bharati Vidyapeeth (Deemed to be University), Poona College of Pharmacy, Erandwane, Pune,
Regul atory Perspe	Shyam Khant e,	Therapeut ic Innovatio	January 2020	0	0	Department of Pharmaceuti

ctive of International Agencies for Development of Biosimilar Products (Monoclonal Antibodies) : An Overview	Kakashebrah R. Mahadik, Vinod L. Gaikwad, Atul Sharma	n and Regulatory Science				cs, BVDU Poona College of Pharmacy, Erandwane, Pune,,
Global Pediatric Regulations: An Overview	Vinod L. Gaikwad, Varsha B. Pokharkar, Priya M. Gadge, Prathmesh P. Kenjale	Therapeutic Innovation and Regulatory Science	January 2020	0	0	Department of Pharmaceutics, BVDU Poona College of Pharmacy, Erandwane, Pune,,
Saponins and Sapogenins of Agave with Respe	Deepa S. Mandlik	International Journal of Pharmacy and Pharmaceutical	January 2020	0	0	Bharati Vidyapeeth University (Deemed to be University), Poona College of

ct to Divers e Pharm acolog ical Role of Hecog enin		Sciences				Pharmacy, Erandawane, Pune
An Overv iew of the Drug Regist ration Requi remen ts for Expor t to Tanza nia, Nepal, and Camb odia	Shyam Khant e, Kakas aheb R. Mahad ik, Vinod L. Gaikw ad, Triven i V. Shelke , Muku nd B. Sarda	Therapeut ic Innovatio n and Regulator y Science	January 2020	0	0	Department of Pharmaceuti cs, BVDU Poona College of Pharmacy, Erandwane, Pune, Department of Pharmaceuti cal Chemistry, BVDU Poona College of Pharmacy, Pune,
A revie w article on floatin g drug delive ry syste m	Sayali J. Patil	European Journal Of Pharmace utical & Medical Research	February 2020	0	0	BVDU Poona College of Pharmacy, Erandwane, Pune,
Influe nce of modifi ed induct ion port, modifi ed DUS	Piyush Mehta, Shivaj irao Kada m, Atmar am	Journal of Drug Delivery Science and Technolo gy	January 2020	0	3	Department of Pharmaceuti cs, Poona College of Pharmacy, Bharati Vidyapeeth

A assembly and device air-inlet geometry on the aerosolization pattern of a dry powder inhaler	Pawar, Piyush Mehta					Deemed University, Paud Road, Rambaug Colony, Erandwane, Pune, Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Paud Road, Rambaug Colony, Erandwane, Pune,
Recent advances in inhalable liposomes for treatment of pulmonary diseases: Concept to clinical stance	Atmar P. Pawar, Shivajirao S. Kadam, Vividha S. Dhaptre-Pawar, Piyush P. Mehta (PhD) & Debjit Ghoshal (MPharm)	Journal of Drug Delivery Science and Technology	January 2020	0	3	Department of Pharmaceutics, Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Paud Road, Rambaug Colony, Erandwane, Pune, Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Paud Road, Rambaug Colony, Erandwane, Pune,
An Overview	Deepali	Scholars Academic	January	0	0	Department of

Review of Chemistry and Antitubercular Activity of Thiazolidinediones	Bansode, Harish Ratnarkhi, Snehal Thakrar	Journal of Pharmacy	2020			Pharmaceutical Chemistry, Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Pune
Combination of Sarsapogenin and Fluticasone attenuates ovalbumin-induced airway inflammation in a mouse asthma model	Dr. Deepa K. Ingawale, Dr. Satish K. Mandlik, Dr. Snehal S. Patel	Immunopharmacology and Immunotoxicology	February 2020	0	0	Department of Pharmacology, Bharati Vidyapeeth University (Deemed to be University), Poona College of Pharmacy, Erandawane, Pune, Sinhgad college of Pharmacy, Pune, Department of Pharmacology, Nirma University, Gujarat
New insights into the novel anti-inflammatory mode	Dr. Deepa K. Ingawale, Dr. Satish K. Mandlik	Immunopharmacology and Immunotoxicology	February 2020	0	0	Department of Pharmacology, Bharati Vidyapeeth University (Deemed to be University), Poona

of action of glucocorticoids						College of Pharmacy, Erandawane, Pune, Sinhgad college of Pharmacy, Pune, Department of Pharmacology, Nirma University, Gujarat
PEGylated nanocarriers : A promising tool for targeted delivery to the brain.	Dr. Kavita Gajbhiye, Dr. Atmaram Pawar, Dr. K. R. Mahadik, Dr. Virendra Gajbhiye	Colloids and Surfaces B: Biointerfaces	March 2020	0	1	Department of Pharmaceutics, Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Erandwane, Pune, Nanobioscience Group, Agharkar Research Institute, Pune
Case report on hypersensitivity to methotrexate infusion in a pediatric Acute Lymph	ManjushaSajith, AtmaramPawar, vibha Bafna Sandip Bartakke.	Journal of Oncology Pharmacy Practice	March 2020	0	1	Department of Clinical Pharmacy, Bharati Vidyapeeth Deemed University, Poona College of Pharmacy, Pune, Department of Pediatrics, Paediatric Hemato

hoblastic Leukaemia						Oncologist, Bharati Hospital & Research center, Pune
Exploring the impact of extrinsic lactose fines, a USP modified sampling device and modified centrifuge tube on the delivered dose uniformity and drug detachment performance of a fluticasone propionate dry powder inhaler	Piyush Mehta, Shivajirao Kada m, Atmar am Pawar, Piyush Mehta (PhD)	J Drug Deliv Sci Technol	<stvj	0	1	Bharati Vidyapeeth Bhavan, Bharati Vidyapeeth Deemed University, LBS Road, Next to Alka Talkies 13, Sadashiv Peth, Pune, Department of Pharmaceutics, Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Paud Road, Rambaug Colony, Erandwane, Pune,
Identifying potential	Ravi Singh, Ankit Ganes	Journal of Biomolecular Structure	March 2020	0	2	Poona College of Pharmacy, Bharati

GluN2B subunit containing N-Methyl-D-aspartate receptor inhibitors: An integrative in silico and molecular modeling approach.	hpurkar, Devedra Kumar, Dileep Kumar, Ashok Kumar & Sushil Kumar Singh	and Dynamics				Vidyapeeth Deemed University, Erandwane, Pune, Department of Pharmaceutical Engineering and Technology, Indian Institute of Technology (Banaras Hindu University), Varanasi
Pharmacological Evaluation of Ashwagandha Highlighting Its Health care Claims, Safety, and Toxicity Aspects	Deepa S. Mandlik Ajay G. Namdeo	Journal of Dietary Supplements	April 2020	0	1	Department of Pharmacology, Bharati Vidyapeeth University (Deemed to be University), Poona College of Pharmacy, Erandawane, Pune

A simple, rapid and sensitive high-performance thin-layer chromatographic method for the simultaneous estimation of Berberine and 5-fluorouracil in rabbit plasma	Preeti Tamane, Dr Varsha Pokharkar, Rajasree Pai	Journal of Planar Chromatography – Modern TLC	April 2020	0	0	Department of Pharmaceutics, Bharati Vidyapeeth (Deemed to be) University, Poona College of Pharmacy, Erandwane, Pune
Paroxetine Hydrochloride Push-pull Osmotic Pump Tablets: Design and Innovative,	Vividha V. Dhaptare, Varsha B. Pokharkar, Prathmesh P. Kenjale, Manjusha A. Joshi, Umes	Drug Delivery Letters	May 2020	0		Department of Pharmaceutics, Bharati Vidyapeeth (Deemed to be) University, Poona College of Pharmacy, Erandwane, Pune

Scalable Push-Pull Osmotic Drug Delivery System Using QbD Approach	h N. Khata vkar					
Effect of gamma-irradiation process on microbial decontamination, bioactive shatavarin IV constituent and shelf life of shatavari (Asparagus racemosus) marketed formu	Ajay G.Namdeo, Kakasaheb R. Mahadik, Balaji D. Deshmukh, Sudhir Singh, Devan and P. Fulzele	Radiation Physics and Chemistry	May 2020	0	0	Department of Pharmacognosy, Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Erandwane, Pune, Plant Biotechnology and Secondary Metabolites Section, Nuclear Agriculture and Biotechnology Division, Bhabha Atomic

lations						Research Centre, Trombay, Mumbai
Flavonoids as Multi-Target Compounds: A Special Emphasis on their Potential as Chemoadjuvants in Cancer Therapy	Ajay G. Namdeo, Piyush Trivedi, Sai H.S. Boddu, Haneen Amawi, Charles R. Ashby Jr. Diwakar B. Tukaramrao, R. Jayachandra Babu, Amit K. Tiwari	Current Pharmaceutical Design	May 2020	0	0	Department of Pharmacognosy, Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Erandwane, Pune
Effect of USP induction ports and modified glass sampling apparatus on aerosol	Piyush Mehta, Shivajirao Kadam, Atmaram Pawar	Journal of Drug Delivery Science and Technology	May 2020	0		Bharati Vidyapeeth Bhavan, Bharati Vidyapeeth Deemed University, LBS Road, Next to Alka Talkies 13, Sadashiv Peth, Pune, Department of Pharmaceuti

lization performance of lactose carrier-based fluticasone propionate dry powder inhaler						cs, Poona College of Pharmacy, Bharati Vidyapeeth Deemed University, Paud Road, Rambaug Colony, Erandwane, Pune,
Analytical method development and validation HPLC method for nasal spray formulation of azelastine hydrochloride and fluticasone furoate with accelerated stability	Mohan R. Chaudhari, Vaishnavi V. Nivekar	Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry	May 2020	0	0	Department of Pharmaceutical Chemistry, Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Pune

National Publications July 2018 – June 2019.						
Title of the Paper	Name of the author	Title of the journal	Year	h-index	No. of citations excluding self-Citations	Institutional affiliation as Mentioned in the publication
A Study on Drug Prescription Pattern of Antiepileptic Drugs (AEDs) at a Tertiary Care Hospital in North Eastern India.,	Urmil Aswar	Journal of Association of Physicians of India,	March 2020		0	Bharati Vidyapeeth (Deemed to be University), Poona College of Pharmacy, Erandwane, Pune, Maharashtra, India,
Serum Methotrexate level and side effects of High Dose Methotrexate infusion in Pediatric patients	Vibha Bafana, Sandip Bartakke, Kannan Subramanian, Neelavaidya,	Indian J Hematol. Blood Transfus	January 2020		0	Department of Clinical Pharmacy, Bharati Vidyapeeth Deemed University, Poona College of Pharmacy, Pune, Maharashtra, India

with acute lymphoblastic Leukemia,						
Application of HPLC for simultaneous determination of isoniazid, rifampicin and pyrazinamide in a fixed dose formulation.	Bijoy Kumar Panda Sathyanarayana L., Manoj Dikkarwar,	Journal of Advanced Scientific Research	February 2020		0	Department of Clinical Pharmacy, Bharati Vidyapeeth Deemed University, Poona College of Pharmacy, Pune, Maharashtra, India
QbD Based Optimization of Curcumin Nanomulsion: DoE and Cytotoxicity Studies	Shambhavi Acharya M. Pharm, QA	Indian Journal Of Pharmaceutical Education And Research	April 2020			Department of Drug Regulatory Affairs, Bharati Vidyapeeth (Deemed to be University), Poona College of Pharmacy, Erandwane, Pune, 1 Department of Quality Assurance Techniques, Bharati Vidyapeeth (Deemed to be

						University), Poona College of Pharmacy, Erandwane,
Effect of Academic Detailing on Improvement in Venous Thromboembolism Prophylaxis for Critically Ill and Surgical	Bijoy Kumar Panda, Vinod Kumar, M N Ketkar, Dr. Jignesh Shah	Indian J Vasc Endovasc Surg	March 2020		0	Department of Clinical Pharmacy, Bharati Vidyapeeth Deemed University, Poona College of Pharmacy, Pune  Dept. of Surgery, BVDU Medical College, Critical Care BVDU Medical College
A Rare Case Report on Telmisartan Induced Angioedema and Mouth Ulcers	Bijoy Kumar Panda, Siddhi P. Umarje, Arundhati Priti Dhande	Journal in Indian College of Cardiology	December 2019		0	Department of Clinical Pharmacy, Bharati Vidyapeeth Deemed University, Poona College of Pharmacy, Pune  Department of General Medicine, Bharati Vidyapeeth Medical College and Hospital,

						Bharati Vidyapeeth (Deemed to be University), Pune, Maharashtra, India,

### 3.4.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	48	23	03	-
Presented papers	16	10	-	-
Resource Persons	02	10	04	-

### 3.5 Consultancy

#### 3.5.1 Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of Consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Department of Pharmaceutical chemistry	Study of determination of serum levels of Imiquimod from formulations in laboratory animals and interferon expression (Dr. Sathiya)	Celista Pvt Ltd, USA Dr. Yogesh Dandikar, MD, Celista Pharmaceuticals, Edina, USA E-mail: <a href="mailto:ydandi@gmail.com">ydandi@gmail.com</a>	278230
Department of Pharmacy Practice	Clinical observational study – Evaluate the clinical efficacy of different brands Meropenem in critically ill patients (APP, Bothi & Manjusha)	Sahyadri Hospitals, Pune Mr. Santosh Tenge, Sr. manager Supply Chain, Sahyadri Hospitals, Pune, Phone No. 02067215000, Email- <a href="mailto:santosh.tenge@sahyadrihospital.com">santosh.tenge@sahyadrihospital.com</a>	511164
Departar	Evaluation of	ARKI Pharma Ltd, Pune	15460

Department of Pharmacology	Tablet formulation on Preclinical models of Alcohol withdrawal (Dr. Arul)	Mr.Nanasaheb Dhavan, 9421582677 <a href="mailto:dhavan.nanasaheb9@gmail.com">dhavan.nanasaheb9@gmail.com</a>	
Department of Pharmacology	Evaluation of effect of INDMT in Chronic constriction injury (CCI) induced pain in Wistar rats (Dr. Arul)	Indus Biotech, Pune. Dr.P.A.Thakurdesai, Manager, Scientific Affairs, Indus Biotech Pvt Ltd. Pune, prasad@indusbiotech.com 9226164041	107106
Department of Pharmaceutical chemistry	Determination of sample drug in rat plasma after oral administration using HPLC (Dr. Sathiya)	Hindustan Antibiotics, Pune Dr. S. M. More Advisor, Hindustan Antibiotics Limited, Pune. mts.hapune@gmail.com 9762570226	105300
Department of Pharmacology	Characterization of samcunabali jarita Rasasindura and in vivo study of its activity w.r.t. its digestive enzymes (Dr. Urmila Aswar)	Podar Ayurvedic Medical College, Mumbai. Chinmay Phondekar- 9082786228, chinmayphondekar@gmail.com	80184
Department of Pharmacology	Evaluation of mass balance of NPTX-07 when administered orally in rats. (Dr. Urmila Aswar)	Rasayani Biologicals Pvt.Ltd., Pune Dr. Sandhya Bhabal, Email:- bhabalsandhya@gmail.com, Mob:-9833458874	21100
Department of Pharmacology	Consultation for von frey instrument (Dr. SLB)	PRADO Preclinical, Pune Dr. Pralhad Wangikar, CEO and Managing Director, Survey No. 170/1, Aundh Rawet BRTS Road, Tathawade, Tq. Mulshi, Dist. Pune - 411033. +91- 7770040105/ +91-9987001604. <a href="mailto:pralhad.wangikar@pradopreclinical.com">pralhad.wangikar@pradopreclinical.com</a>	10000
Department of Pharmaceuticals	Development and Validation of HPTLC Method for Tiotropium Bromide Impurities (Mrs. Preeti Tamane)	Vamsi Lab, Solapur Dr. R. N. Purohit, Director, RN Pharma Consulting, Pune, 9545023366, Email:- rnpurohit@rediffmail.com	32500
Depa	In vitro lung	Romson Scientific and Surgical	7375

Department of Pharmaceutics	deposition-evaluation of nebulizer by aderson cascade impactor. Dr. A. J. Mali	Pvt. Ltd, Medico, Agra. Mr. Kishore Khanna, Email:- info@romsons.com Tel:- 05626620000	
Department of Pharmaceutical Chemistry	Different Pharma/chemical Industries	Public testing Laboratory, Pune	250000
Department of Pharmaceutical Chemistry	Samples from different industries	Center for Food Testing, Pune	2425000
		<b>Total</b>	<b>3843419/-</b>

### 3.5.2 Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) & Department	Title of the Programme	Agency seeking training	Revenue generated (amount in rupees)	Number of trainees
Nil	Nil	Nil	Nil	Nil

### 3.6 Extension Activities

3.6.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers coordinated in such activities	Number of students participated in such activities
Blood Donation Camp	Bharati Hospital Blood bank Unit	5	92
Oral Screening Camp	Public health Dentistry and Katraj PMT Bus Depot	6	30
Special	Bhode	28	59

Winter Camp	Grampanchayat, Taluka Mulshi, Pune		
International Yoga Day	Sanyuja Wellness	28	55
Hand Sanitization Awareness Drive	Aniket Sewabhavi Sanstha, Bhugaon	2	8
Guest Lecture on Medical Affairs and Medical Device	IntelliMed Healthcare Solutions	1	90
Pulse Polio Campaign	Borse nursing home, Krishna Hospital, Sutar Hospital	1	30
Flood Relief Cleanliness Drive	Burli Village, District Sangli	3	25
Donations generated for Flood relief (Kerala)	ISPOR students Chapter, PCP in collaboration with Do for Others NGO, Hadapsar, Pune	1	35

3.6.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

<b>Name of the Activity</b>	<b>Award/recognition</b>	<b>Awarding bodies</b>	<b>No. of Students benefited</b>
Sinhgad Karandak	Runner up trophy in solo dance Miss Hemangi Bhole	Sinhgad college of pharmacy pune	<b>1</b>
Bharati Vidyapeeth – IMED Debate Competition	Consolation prize (Mr. Vaibhav Mehta)	Bharati Vidyapeeth	<b>1</b>
National Elocution competition	Third position cash prize of 7500/- (Mr. Vaibhav Mehta)	Shiksha Mandal, Wardha	<b>1</b>
Anti Dowry Movement	Consolidated Prize (Vaibhav Mehta)	Anti Dowry Movement Bombay	<b>1</b>
National Elocution competition	Second prize (Vaibhav Mehta)	Shiksha Mandal Wardha	<b>1</b>
National Elocution competition	First Prize (Ms. Asmita Sawant)	IMED Pune	<b>1</b>
Contribution to Pharmacy profession	IPA Pune lifetime achievement award (Dr K R Mahadik)	IPA Pune	-
Contribution to Pharmacy profession	Healthcare award (Atmaram pawar)	World health and wellness organization	--
Contribution to Pharmacy profession	Nominated as a Organising chairman for 8 <sup>th</sup> International congress of society for ethnopharmacology India (Dr K R Mahadik)	International congress of society for ethnopharmacology India	-
Contribution to Pharmacy profession	Nominated as a Organising secretary for 8 <sup>th</sup> International congress of society for ethnopharmacology India (Dr Sathanarayanan)	International congress of society for ethnopharmacology India	-
IPA-INVICTA 2020 Sporting Encounter	Winner in Badminton	IPA Pune	<b>3</b>
IPA-INVICTA 2020 Sporting Encounter	Winner in Chess (Bhavika Sharma, S. Y. Pharm. D.)	IPA Pune	<b>1</b>
IPA-INVICTA 2020 Sporting Encounter	Winner in Athletics (Short Put) Susan Phillip, S. Y. Pharm. D.	IPA Pune	<b>1</b>

IPA-INVICTA 2020 Sporting Encounter	Man and women Team Runner up in Basketball	IPA Pune	14
University Cricket Team	Selection of Player (Ganesh Choudhary, Final Year B. Pharm.) in University Cricket Team for participation in West Zone Inter University Tournament	I.T.M. University, Gwalior	1

3.6.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated in such activities	Number of students participated in such activities
Swachh Bharat	Poona College of Pharmacy	Swacchata Abhiyaan	6	60
Unnat Bharat Abhiyan	Poona College of Pharmacy, Pune	Survey of Pesticide use by Farmers at Narayangao on 28/8/2019 (1 day)	1	4
Unnat Bharat Abhiyan	Poona College of Pharmacy	Survey of Pesticide use by Farmers at Narayangao on 22/9/2019 (1 day)	1	5
Unnat Bharat Abhiyan	Poona College of Pharmacy	Survey of Pesticide use and its related health hazards in Farmers at Narayangao on 10/10/2019 (1 day)	1	5
Unnat Bharat Abhiyan	Poona College of Pharmacy	Health survey on pesticide use and collection of blood samples from volunteers at Manerajouri and Khandobachiwadi, Sangli 1 District on 26/12/2019 & 27-12/2019 (2 days)	1	7
Unnat Bharat	Poona College of Pharmacy	Health survey on pesticide use and collection of blood samples from	1	8

Abhiyan		volunteers at Yelavi and Kumathe, Khandobachiwadi, Sangli District on 5/1/2020 (1 day)		
Unnat Bharat Abhiyan	Poona College of Pharmacy	Health survey on pesticide use and collection of blood samples from volunteers at Narayangao on 10/1/2020 (1 day)	1	8
Unnat Bharat Abhiyan	Poona College of Pharmacy	Health survey on pesticide use and collection of blood samples from volunteers at Narayangao on 27/1/2020 (1 Day)	1	8
Unnat Bharat Abhiyan	Poona College of Pharmacy	Health survey on pesticide use and collection of blood samples from volunteers at Yelavi and Kumathe, Khandobachiwadi, Sangli District on 30/1/2020 & 1/2/2020 (2 Days)	1	8
Unnat Bharat Abhiyan	Poona College of Pharmacy	Health survey on pesticide use and collection of blood samples from volunteers at Yelavi and Kumathe, Khandobachiwadi, Sangli District on 14/2/2020 & 15/2/2020 (2 days)	1	8

### 3.7 Collaborations:

3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Nature of Activity	Nature of Activity	Nature of Activity
Student and Faculty	Student and	Student and Faculty Exchange	Student and

Exchange Program with University of Toledo, USA	Faculty Exchange Program with University of Toledo, USA	Program with University of Toledo, USA	Faculty Exchange Program with University of Toledo, USA
Research Collaboration with RMIT University, Australia  For Pharmacological evaluation of Formulation of Honey	3 (2-faculty Dr. A.Harsulkar and Dr. Arulmozhi.S, 1 Student – Ms. AlifiyaRounak)	RMIT University, Australia	1 year
Research Collaboration with Celista Pharmaceuticals, USA	2 faculty (Dr.Sathiyarayanan L, Dr.Arulmozhi.S)	Celista Pharmaceuticals, USA	1 year
Research Collaboration with Macleods Pvt. Ltd, Mumbai	1 faculty (Dr.Sathiyarayanan L)	Macleods Pvt. Ltd, Mumbai	2 years
Research Collaboration with Indus Biotech Pvt. Ltd. Pune	3 faculty (Dr. S.L.Bodhankar, Dr.Arulmozhi.S, Dr. U.M.Aswar)	Indus Biotech Pvt. Ltd, Pune	2 years
Research Collaboration with Sahyadri Hospitals, Pune for Testing of Generic Medicines	3faculty (Dr. A. P. Pawar, Dr. Boothiraja and Mrs. Manjusha Sajith)	Sahyadri Hospitals, Pune	2 years
Research Collaboration with Reliance Industries, Mumbai for Strategic strain collection and development of Pond monitoring	5 (Dr. K.R.Mahadik, Dr.B.B. Chowgule, 1- Research associate and 2 JRF)	Reliance Industries, Mumbai	2 years

diagnostic for lead RIL strains along with standardization of identity using similar type strains from algae culture collection of the world			
Joint Research with National Chemical Laboratory	6 (Dr. Atmaram Pawar, Dr. Bothiraja, Dr. Sharvil Patil, Students=4)	National Chemical Laboratory, Pune	3 yrs
Research Collaboration with Agharkar Research Institute, Pune	9 ((Dr. Atmaram Pawar, Dr. Bothiraja, Dr. Sathiyannarayana, Dr. Arulmozhi, Students-5)	Agharkar Research Institute, Pune	2 years
Research Collaboration with Tata Chemicals Innovation Center, Pune	1 (Dr. V. B. Pokharkar)	Tata Chemicals Innovation Center, Pune	1 year
Research Collaboration with THINCR Technology, Pune  for Development of 3D printers for pharmaceutical applications and developing novel 3D printed formulations	1 (Dr. A. P. Pawar)	THINCR Technology, Pune	3 years

3.7.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant
Sharing of	Synthesis and	Agharkar Research Institute,	6th Dec. 2018-6 <sup>th</sup> Dec 2021	T=1, S=1(Ph.D.)

research facility	Characterization of novel dendrimer	Pune (Dr. Pawar) Dr. Prashant Dhakephalkar Director (Officiating), Agharkar Research Institute, Gopal Ganesh Agharkar Road, Pune 411 004, Maharashtra, India Phone: + 91-20-25325129,  Email- pkdhakephalkar@aripune.org pkdhakephalkar@gmail.com		
Sharing of research facility	Validating the performance of pharmaceutical aerosols by multi-scale simulations and analytical experiments	Agharkar Research Institute, Pune (Dr. Bothiraja)  Dr. Jyutika M. Rajwade,  Scientist E, Agharkar Research Institute, Gopal Ganesh Agharkar Road, Pune 411 004, Maharashtra, India Phone: + 91-20-25325129  Email:- jrajwade@aripune.org	6th Dec. 2018	T=1
Sharing of research facility	Cocrystal synthesis and preparation of nanoparticles	National Chemical Laboratory, Pune (Dr. A. P. Pawar, Dr. Bothiraja and Sharvil Patil, PhD=1, M. Pharm students=3)  Dr. Rajesh Gonnade, Scientist, National Chemical Laboratory, Dr. Homi Bhabha Road, Pune 411008, India Phone +91 20 2590 2225  Email- rg.gonnade@ncl.res.in	1st June 2019- 1st June 2020	T=3, S=4 (1= PhD, 3=M. Pharm.)
Sharing of	Standardization and	Agharkar Research Institute, Pune (Dr. Sathiyarayanan	September 2019 to	T=2, S=4 (2 Phd and 2 M.

research facility	Pharmacological evaluation of Ayurvedic Formulation Ashtang Ghrita for the treatment of neurodegeneration: Investigation of fundamental treatment approaches of Ayurvedic system of medicine	and Dr. Arulmozhi) Dr.Bhupendra Shravage, Scientist D, Agharkar Research Institute, Gopal Ganesh Agharkar Road, Email- bhupendra.shravage@gmail.com Phone: 7798577090	December 2021	Pharm.)
M. Pharm. Internship	Sharing of facility	Redlotus Pharmtech Pvt. Ltd. Chander Villa, Navade, Taloja, Navi Mumbai, Maharashtra 410208. Mr. Manish Bhatkar, Mob. 9930912577, Email:- services@redlotuspharma.com	1st Aug 2019 - 31st Jan 2020	S=1 (M. Pharm)
M. Pharm. Internship	Sharing of facility	RIFC, Venture Center, NCL Innovation Park, Dr Homi Bhabha Rd, Pune, Maharashtra 411008. Dr. Smita Kale, Mob.:- 9923147592, Email:- smitaventurecenter.co.in	17th July 2019 - 16th July 2020	S=1 (M. Pharm)
M. Pharm. Internship	Sharing of facility	SAVA Healthcare Ltd. R & D Center, Shinchwad, Pune. Mr. Bhaskar Musmade Email:- bhaskar.musmade@savaresearch.com	25th July 2019 - 29th Feb 2020	S=1 (M. Pharm)
M. Pharm. Internship	Sharing of facility	Serum Institute of India, Pune Hadapsar, Off Soli Poonawalla Road, Pune	1st Aug 2019 - 25th Oct 2019	S=1 (M. Pharm)

p		411028, Mr. Nilesh Hingane. Email:- nilesh.hingane@seruminstitute.com, Mob. 7447441652		
M. Pharm. Internship	Sharing of facility	Seveillar clinical suppliers services Pvt. Ltd. Ranjangaon MIDC, Maharashtra 412220. Dr. Somnath Sakore, Mob.- 9923129073, Email:- somnath.sakore@seveillar.com	5th Aug 2019 - 20th Jan 2020	S=1 (M. Pharm)
M. Pharm. Internship	Sharing of facility	Syn Thera Biomedicals Pvt. Ltd. Pune. Dr. Amol Chaudhari, Mob. 7387700390, amol@synthera.in	20th Aug 2019 - 20th Feb 2020	S=1 (M. Pharm)
M. Pharm. Internship	Sharing of facility	Haffkine Bio Pharmaceuticals Ltd. Pimpri, Pune. Mr. Raja Pawade, Email:- rajapawade@yahoo.co.in, Mob:-7588919395	22th July 2019 - 17th Feb 2020	S=1 (M. Pharm)
M. Pharm. Internship	Sharing of facility	Maneesh Pharmaceuticals Ltd., Govandi, Mr. Saurabh Soni, Mob. No. 7738343077, Email:- surabhsoni@maneeshhealth.com	12th Aug 2019 - 15th Jan 2020	S=1 (M. Pharm)

3.7.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Agharkar Research Institute, Pune (Dr. A. P. Pawar, Dr. Bothiraja, Dr. Sathiyarayanan and Dr. Arulmozhi, Students=5)	20 <sup>th</sup> September 2019	Joint Research Dr. Prashant Dhakephalkar Director (Officiating), Agharkar Research Institute,	T=4, S=5

		<p>Gopal Ganesh Agharkar Road, Pune 411 004, Maharashtra, India Phone: + 91-20- 25325129,</p> <p>Email- pkdhakephalkar@ aripune.orgpkdha kephalkar@gmail. com</p>	
<p>National Chemical Laboratory, Pune (Dr. Pawar, Dr. Bothiraja and Dr. Sharvil Patil)</p>	<p>14<sup>th</sup> June 2019</p>	<p>Joint Research Dr. Ashish V. Orpe and Dr. Rajesh Gonnade, Scientist, National Chemical Laboratory. Dr. Homi Bhabha Road, Pune 411008, India</p> <p>Phone +91 20 2590 2749</p> <p>E-mail av.orpe@ncl.res.i n)</p>	<p>T=3, S=4 (1 PhD, 3 M. Pharm.)</p>
<p>Department of Pharmacology and Experimental Therapeutics, College of Pharmacy and Pharmaceutical Sciences, University of Toledo (OH), USA</p>	<p>2<sup>nd</sup> Nov. 2018 Validity- 3years</p>	<p>Exchange of faculty, residents and students for experiences involving health sciences, advanced studies and collaborating areas of research</p> <p>Dr. Amit Kumar Tiwari, Director, Cancer And Systems Therapeutics,</p>	<p>T=1</p>

		<p>Assistant Professor of Pharmacology, CPPS, UT, USA.</p> <p>Phone: 419.383.1913</p> <p>Email:- <a href="mailto:amit.tiwari@utoledo.edu">amit.tiwari@utoledo.edu</a></p>	
Health Innovations Research Institute, School of Science, RMIT University, Australia (Dr. Harsulkar & Dr. Arul)	4 <sup>th</sup> Dec. 2018	<p>Pharmacological evaluation of formulation of honey. Mr. Nitin Mantri- +61399257152</p> <p>Email:- <a href="mailto:nitin.mantri@rmit.edu.au">nitin.mantri@rmit.edu.au</a></p>	T=2, S=1
Reliance Industries (Dr. Chougule)	06 <sup>th</sup> Dec. 2017	<p>Strategic strain collection and development of Pond monitoring diagnostic for lead RIL strains along with standardization of identity using similar type strains from algae culture collection of the world.</p> <p>Dr. Vinod Nagle, GermPlasm Team Lead, Reliance Corporate Park, C126, Ghansoli, Navi Mumbai.</p> <p>Email- <a href="mailto:vinod.nagle@ril.com">vinod.nagle@ril.com</a></p> <p>om Mobile:-</p>	T=2, S=3

		+919967791940	
Macleods Pharmaceuticals Limited (Dr. Sathiya)	11 <sup>th</sup> Jan. 2018 validity-2 years	<p>Research Collaboration</p> <p>Macleods Pharmaceuticals Limited, Atlanta Arcade, Marol Church Road, Andheri (East), Mumbai - 400059, INDIA. Mr. Rajesh Kanchan, General Manager, ARD-Domestic and ROW Mobile No: 9867023961</p> <p><a href="mailto:rajeshk@macleodspharma.com">rajeshk@macleodspharma.com</a></p>	T=1
Thincr Technologies India Pvt. Limited (Dr. Pawar)	26 <sup>th</sup> Feb. 2019	<p>Development of 3D printers for pharmaceutical applications and developing novel 3D printed formulations.</p> <p>Mrs. Shital Zambad, Gandhi Nagar, Gujarat, India.</p> <p>Phone No. 088660 49224</p> <p>Email:- szambad@thincr-tech.com</p>	T=1



## **CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES**

### **4.1 Physical Facilities**

4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1,43,90,000	62,67,106

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	12 acres	-
Class rooms	11	-
Laboratories	38	-
Seminar Halls	02	-
Classrooms with LCD facilities	11	-
Classrooms with Wi-Fi/ LAN	11	-
Seminar halls with ICT facilities	02	-
Video Centre	01	-
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	152	-
Value of the equipment purchased during the year (Rs. in Lakhs)	716.61	-
Others	--	--

### **4.2 Library as a Learning Resource**

4.2.1 Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Soul Software	Partially	2.0	2012-2013

4.2.1 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	22136	15916200	1566	259549 5	23702	18511695
Reference Books	6402	5305400	253	865165	6655	6170565
e-Books	3135809	-	-	-	-	-
Journals	24@	79560	22@	91950	22	91950
e-Journals	-	-	-	-	-	-
Digital Database	5@	665475	4@	697948	4	697948
CD & Video	164	-	-	-	164	-
Library automation	Yes	-	-	-	-	-
Weeding (Hard & Soft)	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

@Journals and Digital data bases are subscribed every year. Hence they are not added to the existing, but re-subscribed again.

4.2.2 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/ NMEICT/ any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e - content
Dr. Deepa Satish Mandlik	1. Urinary system Internal structure of kidney 2. Urinary system Acid base balance 3. Structure if nephron and parts of kidney 4. Blood 5. Urine composition and renal function tests	1. You tube <a href="https://youtu.be/HhKoP59km44">https://youtu.be/HhKoP59km44</a>	4 June 2020
		2. You tube <a href="https://youtu.be/d4bRroyYo0">https://youtu.be/d4bRroyYo0</a>	20 April 2020
		3. You tube <a href="https://youtu.be/jIejwPgchnM">https://youtu.be/jIejwPgchnM</a>	22 April 2020
		4. You tube <a href="https://youtu.be/9rQqwwcF9FI">https://youtu.be/9rQqwwcF9FI</a>	20 April 2020
		5. You tube <a href="https://youtu.be/GbwGLHSQoTs">https://youtu.be/GbwGLHSQoTs</a>	28 April 2020
Shakuntal a Santosh Chopade	1. Screen castomatic, you tube 2. PowerPoint presentation you tube	1. You tube <a href="https://youtu.be/oQzzGEH36uM">https://youtu.be/oQzzGEH36uM</a>	21 June 2020
		2. You tube <a href="https://youtu.be/fXXAo-2tfWY">https://youtu.be/fXXAo-2tfWY</a>	25 April 2020
Dr. Vividha Dhapte	Hypersensitivity reactions	slide share <a href="https://www.slideshare.net/DrVividhaDhapte/hypersensitivity-reactions-232357804">https://www.slideshare.net/DrVividhaDhapte/hypersensitivity-reactions-232357804</a>	24/4/2020
Dr. Vividha Dhapte	Monoclonal Antibodies (Hybridoma Technology)	slide share <a href="https://www.slideshare.net/DrVividhaDhapte/monoclonal-antibodies-hybridoma-technology-232058898">https://www.slideshare.net/DrVividhaDhapte/monoclonal-antibodies-hybridoma-technology-232058898</a>	15-4-2020
Dr Sathiyana rayanan L	Awareness on Covid	You tube <a href="https://youtu.be/vnTEzw_dTP">https://youtu.be/vnTEzw_dTP</a>	11/04/2020

Dr. Atmaram Pandurang Pawar	Tablet compression cycle	Google drive	21/4/2020
Dr. Atmaram Pandurang Pawar	Rotary tablet compression machine	Google drive	22/4/2020
Dr. Atmaram Pandurang Pawar	Powder properties for compression	Google drive	23/4/2020
Dr. Atmaram Pandurang Pawar	Defects in tablet compression	Google drive	24/4/2020
Dr. Atmaram Pandurang Pawar	Role of Parma field during covid 19	You tube	25/4/2020
Dr. Atmaram Pandurang Pawar	Post corona swoc	You tube	26/4/2020
Dr. Atmaram Pandurang Pawar	Lockdown swoc	You tube	27/4/2020
Dr. Atmaram Pandurang Pawar	Corona Indian Pharma Industry swoc	You tube	28/4/2020
Dr. Atmaram Pandurang Pawar	Swoc (iii) post corona academics	Google drive	29/4/2020
Dr. Atmaram Pandurang Pawar	Swoc (iv) post corona academics	Google drive	30/4/2020
Dr. Atmaram Pandurang Pawar	Swoc (v) post corona Indian	Google drive	1/5/2020

Dr. Atmaram Pandurang Pawar	Tablet evaluation 2	Google drive	2/5/2020
Dr. Atmaram Pandurang Pawar	Tablet evaluation 1	You tube	3/5/2020
Dr. Savitas Yadav	Supercritical Critical Chromatography	e learning portal of BVDU	6/4/2020
Dr. Sathiyana rayanan L	Differential Scanning calorimetry	Whatsapp sharing	17/4/2020
Dr. Sathiyana rayanan L	Simultaneous Equation of UV-Vis Spectroscopic analysis	Whatsapp sharing	17/4/2020
Dr. Sathiyana rayanan L	Corona Awareness	You Tube	11/4/2020
Dr. Ajay Namdeo	Bentonite, Calamine, Clay, Kieselguhr, Talc	e learning portal of BVDU	16/4/2020
Dr. Ajay Namdeo	Giloy, Vasaka, Gurmar	e learning portal of BVDU	17/4/2020
Dr. Ajay Namdeo	Shilajit, Flax seed, Jute	e learning portal of BVDU	17/4/2020
Dr. Ajay Namdeo	Silk, Cotton, Wool	e learning portal of BVDU	17/4/2020
Dr. Ajay Namdeo	Chirayata, Tulsi, Vacha	e learning portal of BVDU	16/4/2020
Dr. Ajay Namdeo	Ashwagandha, Shatavari, Safed Musli	e learning portal of BVDU	16/4/2020
Dr. Arulmozhi S	Immunosuppressants	Google Drive Link	4/4/2020
Dr. Arulmozhi S	Pharmacology of Anticancer Drugs Part 2	Google Drive Link	3/4/2020

Dr. Arulmozhi S	Pharmacology of Anticancer Drugs Part 1	Google Drive link	1/4/2020
Dr. Arulmozhi S	Types of Cancer and Classification of anti-cancer drugs	Google Drive link	31/3/2020
Dr. Vaibhav mukund shinde	Current trends and future prospect of Pharma Industry	Zoom	20/5/2020
Dr. Vaibhav mukund shinde	Scope of Pharmacognosy	Whats app	20/5/2020
Dr. Vaibhav mukund shinde	History of Pharmacognosy	Whats app	15/5/2020
Dr. Pradeep Rangrao Nalawade	Validation	Zoom	28/3/2020
Dr. Ajay Namdeo	Drug Discovery from Medicinal Plants: An Integrative Approach	Drive.Google <a href="https://drive.google.com/file/d/1fIjxKYFk9R8ZMKL8H9XzsfbksvlqJMAC/view?usp=sharing">https://drive.google.com/file/d/1fIjxKYFk9R8ZMKL8H9XzsfbksvlqJMAC/view?usp=sharing</a>	16/05/2020
Dr. Ajay Namdeo	Standardization of Herbal drugs: Need, Challenges, and Solutions	youtu.be <a href="https://youtu.be/L8nWHfIUXh8">https://youtu.be/L8nWHfIUXh8</a>	29/05/2020

### 4.3 IT Infrastructure

#### 4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)	Others
Existing	171	4	79	--	-	1	8	51	-
Added	25	-	25	-	-	-	-	25	-
Total	196	4	104	--	-	1	8	76	-

#### 4.3.2 Bandwidth available of internet connection in the Institution (Leased line)

6 MBPS

#### 4.3.3 Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Lecture Capture Facility We have Imparts lecture capture facility at B. Pharm final year class room. This provides the recording of regular lectures which students can assess at their will.	Impartus.com
Scientific videos and ppt Uploaded	<a href="http://elib.bvuict.in/moodle/course/view.php?id=99">http://elib.bvuict.in/moodle/course/view.php?id=99</a>

#### 4.4 Maintenance of Campus Infrastructure

4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1,13,75,000	41,32,240	30,15,000	21,34,866

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

**Procedure and Policies for maintaining is as follows and has been included in the institutional website <https://pcp.bharativedyapeeth.edu/>**

##### A) Laboratory

I. Policies:

1. To maintain sufficient quantity of chemicals required for carrying day to day practicals
2. To keep equipments and instruments in working conditions
3. To provide safety conditions to all stakeholders of laboratory

II. Procedure:

a) Purchase of chemicals and equipments

- 1) Twice in a year stock of chemicals available in laboratory and store is accessed
- 2) Based on the assessment report final list of chemicals to be purchased will be decided
- 3) Tender for the purchase of chemicals will be floated on institutional website and

accordingly purchase order will be issued to vendors

#### **b) Purchase of chemicals and equipments**

- 1) Once in a year every individual laboratory will be visited by our expert faculty to find the working status of instruments
- 2) Non-working instruments will be compiled as department wise
- 3) Accordingly suitable repairers will be identified and quotations will be sought at least three
- 4) If cost of repairs is higher, then written request to University finance department will be sent for their endorsement.
- 5) Once the University accords its consent for our repair request, order will be issued to repairers.

#### **B) Classrooms**

Procedure for maintenance:

- 1) All the class teachers and class student representatives report the maintenance requirement to the maintenance in charge
- 2) Maintenance in charge will seek the approval from Principal of the Institute
- 3) Accordingly suitable repairer or service provider will be Identified and quotations are requested
- 4) Based on inputs of quotations repair process will be initiated and accordingly billing process.

#### **C) Library:**

Policies:

- 1) To maintain books and periodical journals to furnish sufficient information on syllabus or advances
- 2) To provide adequate number of books through book bank system

Procedure:

Every year our institute allocates sufficient monetary budget for the purchase and binding of books. At the start of academic session of every year, requirements of books to be purchased will be collected from all the faculty of different specialization.

The required books list will be finalized and according a tender will be floated on institutional website for price quotes.

Accordingly the purchase order will be issued upon completing the tender process.

#### **D) Sports complex**

Policies: To provide adequate sport facilities covering both indoor and out door sports

Procedure:

Every year our institute organizes state level inter Pharmacy institute cricket tournament where in numerous pharmacy colleges and companies participate in both male and woman category. To meet this tournament to have success, our institute provide required facilities like ground, utilities and man power. The utilities required for cricket match are being purchased through local vendors by following institute purchase policy.

Out station participants will be provided decent accommodation facilities.

In similar fashion, inter Bharati institution and inter class sports competitions will be organized every year and required sports utilities will be purchased from local vendors by following institutional purchase policies.

#### **E) Computers:**

Policy: To provide the robust computational facility to students and faculty

Procedure:

A) Purchase:

Computers and other gadgets will be purchased as and when required by following institutional purchase policy

B) Maintenance:

For maintenance of computers and all gadgets, our institute sign third party rate contract with agency M/s. Computronics, Pune for the repair.

## CRITERION V - STUDENT SUPPORT AND PROGRESSION

### 5.1 Student Support

#### 5.1.1 Scholarships and Financial Support

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	Nil	Nil	Nil
Financial support from other sources			
a) National			
MHADBT State Govt. Scholarship	EBC and Minority	14	1,22,000=00
Social welfare Dept. Of Govt. Of Maharashtra	SC, ST, OBC, SBC, NT	21	1,68,000=00
Financial support from other sources	Tata Education and Development Trust, IPA-Modi, R.M. Dhariwal and Pune Municipal Corporation Scholarships.	04	1,16,000=00
	Financial support from government. GPAT, Minority, Merit and Ph.D. Scholarship	(13 GOI): 2,69,000.00 M. Pharm I-25: 3,10,000.00 M. Pharm-II -41: 5,08,400.00 NonGPAT:01: 1,08,000.00 Ph.D-10: 37,96,800=00	49,92,200=00
b) International	Nil	Nil	Nil

#### 5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Language Lab	Aug2015	97	In house
International Yoga	21/06/2019	400	Sanyuj Wellness
Disaster Management	06/01/2020	59	Div. Officer. Khotrud, National Disaster Management, GOI
Self-Improvement	08/01/2020	50	Dr. Narendra Govekuar
Counselling to Rural Youth for development	09/01/2020	23	Dr. R. N. Kamble

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2019-20	GPAT, GRE, TOFEL, CAT Entrance of BVDU	60	60	07 (GPAT) 11(CET) 1(CAT) GRE(2) IELTS(3) TOEFL(2)  IIHMR-U/MBA/02/10 096 (1)	29

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
Nil	Nil	Nil

**5.2 Student Progression**

5.2.1 Details of campus placement during the year

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
Deccan Neutraceuticals, Pune	15	2	Bharati Hospital, Sangli	02	02
Sanofi India Ltd, Goa.	45	13	Bharati Hospital, Pune (Clinical research)	02	02
Xogene Ltd, Pune	30	4	Riverroute, Mumbai	01	01
Johnson & Johnson, India.	20	2	Aster Hospital, Kolhapur	04	01

			Bharati hospital, Pune	01	01
			Renovare healthcare solutions	01	01

5.2.2 Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to	
19-20	10	B Pharm	Undergraduate	SUNY Upstate Medical University (1)/	Master of science	
				Thomas Jefferson University (1)/		
				University of Kansas (1)*		
				Northeastern University (4)		Master of science
				University of Pittsburgh (1)		Master of science
				University of Colorado (1)		Master of science
Monash University (1)	Master of science					
Albany College of Pharmacy and Health Sciences	Master of science					

				(1)	
				Massachusetts College of Pharmacy and Health Sciences (1)	Master of science

\*The same student got selected in 3 Universities. However not yet joined/decided to join the university due to the current covid situation.

5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/qualifying	Registration number/roll number for the exam
NET	--	--
SET	--	--
SLET	--	--
GATE (GPAT)	07	MR2202101134
		MR2202103919
		MR2202101128
		MR2202101655
		MR2202102966
		MR2202102062
		MR2202100442
GMAT/CET	11	200134808
		9231315
		GD190055545
		GD190006929
		GD190024816
		9191709
		9124270
		GD190038734
		9292049
		5508558
5509404		
CAT	1	9118470
GRE	2	6158501
		6240244
IELTS	3	T6253418
		P4398737
		M4231279
TOEFL	2	6230312191473764
		5308209190879126

Civil Services	--	--
State Government Services	--	--
Any Other	--	--
5.2.4 Sports and cultural activities / competitions organised at the institution level during the year		
Activity	Level	Participants
International Yoga Day Celebration	University level	140
Teachers Day Celebration	College level	250
Pharmacist Day Celebration	College level	154
National Pharmacy Week 2019	State level	45
Mahatma Gandhi Jayanti	College level	65
Vigilance Awareness Week	College level	81
Cultural Program at International Conference	College level	74
76 <sup>th</sup> birth anniversary celebration of Dr Patangrao Kadam	College level	25
Matoshree Visit	College level	40
Marathi Divas Celebration	College level	35
Annual Gathering TATVA 2019-20	College level	800

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2019	NPW-Essay Competition (PG Category)	National	---	Cultural	1500002824	Ms Alitta Prasad
2019	NPW-Pharma Detailing Competition (PG Category)	National	---	Cultural	1602090014	Mr Sarosh Momin
2019	NPW-Poster presentation competition (UG Category)	National	---	Cultural	1702090201 1802090172 1702090170	Ms Sania Gore, Nilam Ghag, Anuja Sapkal
2019	NPW-Poster presentation competition (PG Category)	National	---	Cultural	1500002838 1500002824	Monidipa Choudhari, Alitta Prasad
2019	NPW- Debate competition (UG Category)	National	---	Cultural	1602090197 1802090225	Mr Vaibha Mehta, Ms Bhaika Sharma
2019	NPW- Elocution competition (PG Category)	National	---	Cultural	1902090189	Umme Hani Khan
2019	NPW- Elocution competition (PG Category)	National	---	Cultural	1702090116	Joelin Mathew
2019	NPW-Pharma Best Whatsapp quote competition	National	---	Cultural	1602090014	Sarosh Momin
2019	NPW-Pharma add-mad competition (PG Category)	National	---	Cultural	1400002632	Ms Kamini Reddy
2019	NPW- Extempore competition( UG Category)	National	---	Cultural	1602090197	Mr Vaibha Mehata
2019	NPW-	National	---	Cultural	1500002822	Ms Aksa Thomas

	Extempore competition (PG)					
2019	NPW-Paper Presentation competition (UG Category)	National	---	Cultural	1802090026	Mr Reyan Verghese
2019	NPW-Paper Presentation competition (PG Category)	National	---	Cultural	1702090116	Joelin Mathew
2019	National Elocution Competition IMED	National	---	Cultural	1902090089	Ms Asmita Sawant
2019	46th Kamalnayan Bajaj Memorial National Elocution Competition	National	---	Cultural	1602090197	Mr. Vaibhav Mehta
2020	IPASF Singing competition (online)	National	---	Cultural	1902090164	Ms Samrudhi Kulakarni
2020	IPASF Singing competition (online)	National	---	Cultural	1702090221	Ms Neha Sunil
2019	IPA- INVICTA 2020 Sporting Encounter (Winner)	National	Badminton		1702090204	Dalvi Siddhi Pramod
2019	IPA- INVICTA 2020 Sporting Encounter (Winner)	National	Badminton		1802090065	Raunak Kumar
2019	IPA- INVICTA 2020 Sporting Encounter (Winner)	National	Badminton		1702090122	Harshada Rambaboo Singh
2019	IPA- INVICTA 2020 Sporting Encounter (Winner)	National	Chess		1802090225	Bhavika V Sharma
2019	IPA- INVICTA 2020 Sporting Encounter	National	Athletics (Short put)		1802090213	Philip Susan

	(Winner)					
2019	IPA-INVICTA 2020 Sporting Encounter (Runner Up)	National	Basketball		1602090094	Andhare Shubham
2019	IPA-INVICTA 2020 Sporting Encounter (Runner Up)	National	Basketball		1400002626	M Jyotsana Shree
2019	IPA-INVICTA 2020 Sporting Encounter (Runner Up)	National	Basketball		1602090126	Amit Kishore Gole
2019	IPA-INVICTA 2020 Sporting Encounter (Runner Up)	National	Basketball		1602090024	Singh Digamber Rajendra
2019	IPA-INVICTA 2020 Sporting Encounter (Runner Up)	National	Basketball		1902090064	Apte Sonali Sachin
2019	IPA-INVICTA 2020 Sporting Encounter (Runner Up)	National	Basketball		1902090074	Pisal Onkar Anil
2019	IPA-INVICTA 2020 Sporting Encounter (Runner Up)	National	Basketball		1602090127	Maradkar Sagar Pramod
2019	IPA-INVICTA 2020 Sporting Encounter (Runner Up)	National	Basketball		1702090089	Himani Sharma
2019	IPA-INVICTA 2020 Sporting Encounter (Runner Up)	National	Basketball		1602090168	ABHISHEK DHILLON
2019	IPA-INVICTA 2020 Sporting Encounter (Runner Up)	National	Basketball		1702090011	Ade Rajesh

2019	IPA-INVICTA 2020 Sporting Encounter (Runner Up)	National	Basketball		1802090006	Mehta Yash
2019	IPA-INVICTA 2020 Sporting Encounter (Runner Up)	National	Basketball		1702090224	Abhishek Das
2019	West Zone Inter University Cricket Team Player (BVDU Team)	National	Cricket		1602090191	Ganesh Chaudhary

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The students are part of Internal Quality Assurance Cell. Students also organise various activities for student progression and upgradation of soft skills through Institution Innovation Cell, Entrepreneurship Development Cell. The extension services to society is done by NSS, of which students are an integral part:

1. Sports: Every year two sports committee meetings are conducted in which students are also members in order to plan sports events in institute and students participation in sports competitions state and national level. Students actively participate in all the sports events such as inter class competitions, Cricket tournament organized by Poona College of Pharmacy every year, etc.
2. Cultural Secretaries: In order to successfully organize any cultural and extra-curricular activities in the institute, two meetings in any academic year of cultural committee will be held involving four cultural secretaries and class representatives of each class. This committee strategically proposes the extracurricular activities to be organized and participation of students intra and inter institutes. Students are involved in planning, organizing and execution all events in that academic year as decided by the committee.
3. Student council: Two meetings of student council, consisting of principal, vice principal, NSS in-charge, class teachers and class representatives, cultural secretaries, foreign students and in-charge of foreign student in charge to ponder on academic and students related matters. Vice principal informs about academic matters, exam in-charge highlight exam details. Planning of events like NSS, sports and gathering are being discussed. Apart from aforementioned details students' problem and foreign students' difficulties being resolved and addressed through student council meeting.
4. ISPOR students chapter: International society for pharmaco-economics and outcome research committee involves in societal works by guest lectures from eminent professionals in the field and health camps (blood donation). Students in this committee play cardinal role in planning, execution and organizing societal activities.
5. NSS: Four students including both girls and boys are members of NSS committee which meets as and when before any event organized in the institute or with other institutes. In the meetings decisions on planning, execution, and coordination of event to be organized under NSS banner will be chalked out viz. visit to villages NSS

activities, organizing blood donation camps, vaccination programs etc.

6. EDC: Chief coordinator, staff coordinator and student committee represented by one student from each class, constitute the Entrepreneurship Development Cell which aims to develop students towards independent entrepreneurship. EDC meets as and when required for planning the programs to be organized. EDC invite noted and successful entrepreneurs for sharing their success stories to students.

7. IIC: The student head, vice-head, managing heads, reserved head, editorial head, social media head and student-in-charge of finance committee along with 4 quarter heads form the student's team of Institution's Innovation Cell. Under the guidance of faculty co-ordinators, the quarter heads organise one program every 3 months. The planning and execution of the same is co-ordinated by all the student heads.

### **5.3 Alumni Engagement**

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

Yes. The institution has registered Alumni Association with name 'Poona College of Pharmacy Alumni Association' with registration number of 547/2008/Pune. The objectives of the association are 1) To foster fellow- Feeling and unity among all present and ex-students of the institute. 2) To arrange seminars, workshops etc. in order to create professional awareness and improve the competence among the pharmacy students.

5.3.2 No. of registered Alumni:

136

5.3.3 Alumni contribution during the year (in Rupees) :

68000/-

5.3.4 Meetings/activities organized by Alumni Association :

Executive body meeting was conducted on 25/09/2019 to plan various activities to be conducted in a year. Guest lectures from distinguished alumni from Industry and Entrepreneurs were organized for the current students so as to help them to decide their career path. Musical e-Union of PCP alumni association was held live on PCP Alumni face book group on 23<sup>rd</sup> may 2020 to ease the current COVID-19 pandemic stress wherein Anuradha Joshi (B. Pharm 1991 batch), Archana Dandwate (B. Pharm 1997 batch) sang songs of different styles and the whole program was compared by Manjusha Joshi (B. Pharm 1991 batch).

## **CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 Institutional Vision and Leadership**

6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The organization's management system is decentralized to ensure development, implementation and continuous improvement. The institute gives liberty to our faculty to work on their novel ideas in their own way which we believe brings out best in them. At the commencement of each academic year, different working committees are constituted. The committee plans and executes each activity; the report of the same is documented. IQAC monitors the progress of each committee/activity. Faculty members are identified based on their skills, interests and the responsibilities are assigned in different working committees. Regular meetings are conducted by the principal/ respective working committee with the stakeholders through student council, parent teacher association and alumni association.

6.1.2 Does the institution have a Management Information System (MIS)?

Yes/No/Partial: Yes

The college has MIS to select, collect, align and integrate data and information on the academic and administrative aspects. Through moderate internet facility, all staff members, faculty, non- teaching staff and students can collect and integrate data and information of the institution and administration, research papers, project etc. presented at national and international seminars, conferences, workshops, etc are made available. This is ensured through our college website and common logbook system.

### **6.2 Strategy Development and Deployment**

6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

#### **❖ Curriculum Development**

The curriculum of B.Pharm & M.Pharm are consistently and thoroughly revised as per the guidelines issued by the AICTE & PCI.

The faculty members along with experts and distinguished scientists from industry, research institutes and academia are actively involved in this process. Feedback is obtained from pharmaceutical industries, students and alumni are taken into consideration while preparing the draft.

- ❖ The draft syllabus is placed before the Board of Studies (BoS) and Faculty of Pharmaceutical Sciences for approval. After these two academic bodies pass the draft syllabi, the same is placed for the approval by the Academic Council. The staff members are nominated as members of BOS and faculty of Pharmaceutical sciences in Bharati Vidyapeeth University. The present curriculum is prepared in accordance of Industrial requirement. More emphasis has been given on the skill development

by providing practical training, placement and training in industry and documentation (writing of project report).

#### ❖ **Teaching and Learning**

- Academic calendar: The academic calendar is prepared at the beginning of every academic year and notified to all faculty and students. The timetable of regular lectures and practical's is also notified and followed strictly. As per UGC notification 75 % attendance is compulsory for the students.
- Guest lecturers: We regularly organize guest lectures by eminent persons from academics, industry, and research. Students are also encouraged to prepare projects on recent developments.
- Assignments: We have introduced literature survey based project work in the eighth semester. The project works are strictly evaluated.
- Field work: Patient counselling, creating awareness about rational drug use, demonstrations about use of medical devices, various awareness programmes and similar activities are conducted on field by the Pharm.D. students, usually in association with organizations like primary health centres, district health centres etc.
- DIC: Drug and Poison Information centre provides drug related information to medical, paramedical staff and patients. Though DIC helpline common men can also take benefit of the service. Students get a very good opportunity of learning new concepts through this activity. The teacher ward system ensures that learning is student centric since their academic difficulties are understood and addressed immediately.
- Faculty development activities: The faculty keeps pace with the recent developments by exploring internet, journals and attending seminars/workshops/conferences.
- Online lectures and examination- The faculty is well versed with modern teaching techniques and exhibit sound knowledge of online teaching and learning platform such as conduction of lectures using online apps eg. Zoom, Google meets, Microsoft teams and google forms.

#### ❖ **Examination and Evaluation**

The information about the sessional examination (both theory and practical) is published in our syllabus. The teachers during orientation lectures inform the students about the examination conduction and evaluation methodology. The continuous assessment helps teachers to monitor the performance of the students. After the examination result is declared. Result analysis provides the essential information and statistics with respect to each subject. The subjects in which the students have not performed well and corrective measures are taken as per the requirement.

The examination section keeps record of all the examinations. After every sessional

examination the teachers evaluate the answer books in a stipulated time.

The examination question papers are reviewed in the Board of Studies Meeting and discrepancies /any complaint from the students are discussed. The examiner's report after the Central Assessment Programme is also taken into consideration for any reform to be introduced. The student's feedback on programme is duly considered.

Grievance: The teachers then show the answer books to the students and discuss if they have any grievance. The teacher informs parents of those students who have obtained less marks or has poor attendance. The students are guided by the respective subject teachers and are helped to improve their performance in the sessional examinations.

#### ❖ **Research and Development**

The college exhibits very strong research ambience supported by experienced Professors. Young teachers enthusiastically participate in innovation and research. The college provides state of art, 29 research laboratories, sophisticated instruments/ equipments and conducive atmosphere for research. The institute has collaboration with National research institutes (Central government/ state government) within the city to upgrade the skills and knowledge of research students. The college has well maintained animal house for drug testing's. The following activities help the institute to be at par with other national institutes in terms of research and innovation.

1. Funded Research projects.
2. Participation in conferences.
3. Publication of research papers, books, book chapters and filing patents.
4. Collaborative projects with industries/ other institutes
5. Organization of seminars, symposia, workshops and conferences.
6. Organization of Quality improvement programmes for teaching faculty for up gradation of their knowledge.

#### ❖ **Library, ICT and Physical Infrastructure /Instrumentation**

##### **Library:**

The library constitutes a core facility of any educational institution. Our College library has a spacious, well-ventilated and well-furnished reading hall. It has a carefully selected collection of textbooks and reference books, which is continuously updated. It subscribes to numerous national and international journals of repute. Most importantly the College library is not only fully computerized but is also digitalized.

This facility provides access to our students to thousands of textbooks and reference books, as well as, numerous national and international journals. The library has subscribed to the INFLIBNET services of the UGC and ENLIST for accessing several e- journals and e books. Drug Information Center provide drug databases such as micromedex.

The library is inter-linked with the other sister institutions and enables our students to have access to the books in those libraries.

The College has a facility of book banking through which the books necessary for study are provided to the students of under privileged sections of population, free of cost. The College library is used not only by our own faculty and students but also by those of other

Colleges and many pharmaceutical industries in and around Pune and FDA officers.

### **Computer facilities and ICT**

After having realized the relevance of computer training for the students of pharmacy education, we have placed a great deal of emphasis on computer training as a part of regular academic activities.

We have a separate Computer Lab with sophisticated hardware and software of latest versions. Easily accessible Internet facility is also provided to the students. The research wing has provided a separate computer lab with Internet facility for every department. With this updated computer facility it has become possible for our students to use sophisticated softwares.

### **Infrastructure**

We believe that learning and teaching can be more effective provided there is a supportive ambience created by rich infrastructural facilities. During the last 30 years we have made sustained efforts to create state of art infrastructural facilities in our campus. College building:

The College has a well-designed spacious impressive building over 85,000 sq.ft., which is an excellent expression of modern architecture. A unique feature is a separate five storied magnificent building of about 45000 sq ft. constructed to house the ultramodern research equipments and to carry out highly advanced research activities pertaining to academic as well industrial interest.

There is a spacious auditorium equipped with modern audio-video devices in the college building, which is used for workshops and seminars.

### **Laboratories:**

The college has total 45 laboratories including 29 state- of- art research laboratories. The college laboratories are spacious, well designed, continuously updated with latest equipments. They meet the international standards. The College has invested substantial funds in procuring the latest equipments, which are needed for more effective teaching and to meet the needs of research scholars.

#### **❖ Human Resource Management**

The mechanism for performance assessment is as follows:

1. Self appraisal form issued by Govt. Of Maharashtra and API form of UGC is used as tool for appraisal.
2. Self appraisal forms / API form are to be filled every year by all teaching staff members and submitted to the college. They are evaluated by head of department, Vice Principals, and Principal of the college. API is sent to the University for Evaluation by university authorities. Such evaluation helps in improving teaching and research activities of the staff.
3. Feedback through students, at the end of the year is also undertaken. Adverse remarks are paid due attention and accordingly staff member are asked to improve their quality of teaching. Confidential reports are prepared on the basis

of this evaluation.

4. Feedback from Parents, alumni and employers is also considered for improvement.

#### ❖ **Industry Interaction /Collaboration**

Institutions of pharmacy education should have interaction with pharmaceutical industries so that they can derive mutual benefits. Keeping this in view we have entered into agreements with various pharmaceutical companies for undertaking collaborative research projects.

#### **Industry Institute Partnership Cell (IIPC)**

Pharmacy is a professional area and hence college regularly conducts following activities for the students. As a part of curriculum, every student has to complete four weeks of Industrial Training in a licensed pharmaceutical industry or FDA-approved drug testing laboratory. This gives the students an exposure to pharmaceutical manufacturing and quality control of pharmaceuticals.

An Industry-Institute Partnership Cell (IIPC) is functioning in the college. With an initial sanction of grant from AICTE, IIPC has been established in the college in the year 1999. IIPC of this college has been awarded an “Excellent” grade for the year 2002-2003 by the AICTE.

It works as a liaison between the pharmaceutical industry and various departments of the College and promotes activities, which are mutually beneficial.

IIPC has developed a software package, PCP Disso V3i, for model fitting and analysis of dissolution data. The PCP Disso V3i has received wider acceptance from academics and research institutes as well as pharmaceutical industry. The use of the software has enormous citations in research publications of national and international repute.

IIPC is currently coordinating research projects with different industries such as Hygienic Research Institute and Indus Biotech, Pune. Several industrial projects are undertaken through this cell.

Several experts from industry and entrepreneurs are invited to deliver guest lectures to our undergraduate and post-graduate students. This helps to provide additional knowledge to our students on the latest technological updates from the industry. For strengthening the research activities, college has entered into Memorandum of Understanding (MoU) with various industries and international research institutes.

With the support of AICTE, College has established EDC to make the students aware and inspired about entrepreneurial skills. The guest lectures by entrepreneurs as well as our senior faculty are regularly organized. Our alumni who have become entrepreneurs also participate in the EDC activities. Various processes, skills, knowledge and information about entrepreneurship development are given.

Employability of graduates is an important issue for all professional institutes. College has

been conducting in-house campus interviews as an annual activity and every year renowned companies conduct interviews for placements. Students show overwhelming response for it. Also, IT companies are also showing interest in recruiting Pharmacy graduates.

Institutions of pharmacy education should have interaction with pharmaceutical industries so that they can derive mutual benefits. Keeping this in view we have entered into agreements with various pharmaceutical companies for undertaking collaborative research projects. Industrial projects: Collaborations and Consultancy

The college has established collaborative linkages several national and multinational companies to facilitate wider exposure to the students and the faculty.

The college has research collaborations with the following companies

- Celistra Pharmaceuticals, U.S
- Indus Biotech, Pune
- Reliance Life Sciences, Mumbai
- Abbott . Mumbai
- Tata Chemicals, Pune

Industry sponsored seminars and workshops are also conducted.

#### ❖ **Admission of Students**

The admission for all courses is through All India Entrance exam conducted by Bharati Vidyapeeth University.

Bharati Vidyapeeth University gives a common advertisement in the month of February every year. This advertisement is common to all courses run by our University and gives deadlines for obtaining examination form, last date for submission of filled form, date of examination, date of declaration of result, date of counseling and admission and date of commencement of college. Individual units also give their advertisement in the local/regional and national level news papers. Every constituent unit also prints their brochures which give detailed information about faculty, facilities and infrastructure available.

Bharati Vidyapeeth has a website [www.bharativedyapeeth.edu](http://www.bharativedyapeeth.edu) as well as our college also has a website [www.bvupcp.edu.in](http://www.bvupcp.edu.in) where all relevant information is made available. The all India entrance examination is conducted at stipulated centers and the result is declared by the University. The merit list is displayed at our central office as well as at respective colleges. The admissions are made on the scheduled date by the counseling and admission committee on the basis of merit obtained by the candidates in the entrance examination.

#### 6.2.2 : Implementation of e-governance in areas of operations:

- ❖ **Planning and Development** The College library is fully computerized and digitalized. This facility provides access to our students to thousands of textbooks and reference books, as well as, numerous national and international journals. The library has subscribed to the INFLIBNET services of the UGC and ENLIST for accessing several e-journals and e books. Drug Information Center provide drug databases such as micromedex.

The library is inter-linked with the other sister institutions and enables our students to have access to the books in those libraries.

❖ **Administration**

The college has MIS/ERP to select, collect, align and integrate data and information on the academic and administrative aspects. Through internet facility, all staff members, faculty, non- teaching staff and students can collect and integrate data and information of the institution and administration, research papers, project etc. presented at national and international seminars, conferences, workshops, etc are made available. This is ensured through our college website and BVDU email id. Bharati Vidyapeeth has a website [www.bharatividyaapeeth.edu](http://www.bharatividyaapeeth.edu) as well as our college also has a website <http://pcp.bharatividyaapeeth.edu/>

❖ **Finance and Accounts** The college has fully computerized office and accounts section . Maintenance of the college accounts is done through Tally software.

❖ **Student Admission and Support**

The advertisement for undergraduate (B Pharm), Pharm D and postgraduates (M. Pharm) student admission process is displayed on the college website. With respect to that displayed advertisement student fill online examination form and the hall tickets will be issued to them. The All India Level Multiple type question examination is taken in the month of June using online system. The result of examination is also declared online on the college website. The learning management system maintains the lectures captured through lecture capturing system and is available online. The study materials such as power point presentations, videos are available in the website to students as ready source of study material.

❖ **Examination**

Multiple Choice questions are made available online. For the University examination forms are filled online on the university website. The question paper is e-communicated to the exam centre before 30 min of the examination and the pass code is sent to the custodian. The exam results are declared to the institute through e-communication. For practical examination the order is sent by university through email to internal examiner as well as external examiner for conduct of examination. For setting of university theory examination papers and paper checking the email is sent to external examiner by the university. For the award of degree B. Pharm, Pharm D and M. Pharm the convocation form along with respected fees is filled online on college website.

**6.3 Faculty Empowerment Strategies**

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019-2020	Dr. A. P. Pawar	AICTE UKERI Leadership Development		Rs. 10439/-

		programme New Delhi		
2019-2020	Dr. A. P. Pawar	AICTE UKERI Leadership Development programme JIET, Jodhapur		Rs. 19000/-

**B Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year**

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2019	Emerging Trends in Delivery of Phytoconstituents & Ethanopharmacology- Validation of Traditional Medicine-II	-	29-30 Nov, 2019	15	-
2019	Conceptualization to success in drug discovery and development: Spectacles to teaching and learning	-	11-23Nov, 2019	06	-
2019	Gen-Next Pharmacology: Today's Discovery Tomorrow's Medicine	-	11-23Nov, 2019	09	-
2019	Hands-On Training on Power Lab Modules with Recent Technologies in Data Acquisition and Analysis for Pre-clinical Research	-	6 Nov, 2019	01	-

2020	Innovative Teaching Learning Methodologies in Pharmacy Education	-	4-14 Feb, 2020	06	--
2020	--	Optimal methods in sanitisation of the surfaces	13/02/2020	--	15
2020	--	Personal hygiene and covid preventive measures.	05/03/2020 and 06/03/2020	--	32
2020	--	Social distancing – Practical Concerns.	25/06/2020 and 26/06/2020	--	32

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year: **Attached as Annexure II**

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Annexure I		

6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime
44	63	32	32

6.3.5 Welfare schemes for

Teaching	<ol style="list-style-type: none"> <li>SevakKalyanNiddhi</li> <li>Medical Facilities in Bharati Hospital</li> <li>Health insurance scheme</li> <li>Pension, gratuity &amp; GPF, LTC</li> <li>Medical reimbursement</li> </ol>
Non teaching	<ol style="list-style-type: none"> <li>SevakKalyanNiddhi</li> <li>Medical Facilities in Bharati Hospital</li> <li>Health insurance scheme</li> <li>Pension, gratuity &amp; GPF, LTC</li> <li>Medical reimbursement</li> </ol>
Students	<ol style="list-style-type: none"> <li>Medical Facilities in Bharati Hospital</li> <li>Health insurance scheme</li> </ol>

## 6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Yes. The institute has a mechanism for internal and external audits as follows:

- Internal audit once a month
- External audit
- Yearly Audit by Directorate of Technical Education, Maharashtra
- Accounts General (AG) audit once in every three years.

6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III) Nil

Name of the non government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose

6.4.2 Total corpus fund generated Nil

### 6.5 Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NIRF	Yes	IQAC
Administrative	Yes	AGA, DTE	Yes	IQAC

6.5.2 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

The University provides academic leadership by involvement of the faculty in board of studies, faculty, Internal Quality Assurance Cell, research review committee, board of examination and BCUD.

The University provides administrative leadership by involvement of faculty in financial and administrative decision making.

6.5.3 Activities and support from the Parent – Teacher Association (at least three)

- ✓ Parent Teachers meeting are held once in each semester.
- ✓ The parents are briefed about the academic and extracurricular activities conducted during the previous sessions and overview of activities to be conducted in the next session.
- ✓ Feedback and suggestions from parents is taken regarding academic activities an overall performance of the students.
- ✓ Parents expressed satisfaction about the teaching and other facilities provided by the institute.
- ✓ They appreciated the efforts taken by college in improving the attendance of the students in college.
- ✓ They were happy to note that institute takes stringent measures to prevent ragging in the institute.

6.5.4 Development programmes for support staff (at least three)

1. Optimal methods in sanitisation of the lab surfaces.
2. Personal hygiene and covid preventive measures.
3. Social distancing – Practical Concerns.

6.5.5. Post Accreditation initiative(s) (mention at least three)

- Research Committee to screen the proposals before submission and review of novel inter-disciplinary research ideas.
- Online Course Materials, Feedback system available to the students.
- Industry sponsored Projects, International Projects have increased in number.

### 6.5.6

- a. Submission of Data for AISHE portal : No
- b. Participation in NIRF : Yes

c. ISO Certification : Yes  
d. NBA or any other quality audit : Yes (IQAC audit)

6.5.7 Number of Quality Initiatives undertaken during the year : nil

Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to-----)	Number of participants
2019-2020	Meetings of IQAC	26/08/2019, 28/12/2019 and 10/02/2020	3 days	15
2019	Participation in NIRF	14/12/2019	22nd Rank in India	
2020	Feedback Review	21/01/2020 to 24/01/2020	04 days	63
2020	Administrative audit conducted	13.01.2020	01 day	12

## **CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1 - Institutional Values and Social Responsibilities**

7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period (from-to)	Participants	
		Female	Male
STRINGS	11, February, 2020	18	17
Cricket Tournament	17-21 <sup>st</sup> Feb 2020	128	144
Women empowerment meeting ( for girl students)	7 <sup>th</sup> September, 2019	80	-

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: Different measures have been implanted by the college for protection of environment. Environmental awareness lectures have been regularly organised. Every year plantation is done by students and faculty of the institute as one of the NSS activity. Our UG and PG students have involved in creating awareness among the public to realize the importance of environmental protection. Solar panels have been installed and maintained through which electric energy is saved. Institute uses solar power for preparation of water for research activities thus contribute for the environmental protection. LED lamps have been installed in various places of institute. Institute maintains a medicinal garden in which various plants are maintained. The disposal of chemicals has been regulated in a well-planned manner as per the standard guidelines. Additionally, department of pharmacology have a well-established animal house wherein the animals are used for research purpose. The sacrificed animals are isolated after proper screening and are disposed through highly regularized biomedical waste disposal system which is also another major way for environmental protection.

Percentage of power requirement of the University met by the renewable energy sources  
**25 %**

### 7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/ Rails	Yes	0
Braille Software/facilities	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	Yes	0
Any other similar facility	--	--

#### 7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2019-2020	13	13	4th January 2020 9am to 1 pm	SWACHHA BHARAT ABHIYAAN  CLEANLINESS DRIVE	Cleanliness drive was done at the village Bhode. The roads and prime places of village are cleaned	50 + 05 = 55
			4th January 2020 3 pm to 6 pm	CONSTRUCTION OF BANDHARA Water logging strategies	Water logging strategies was devised to reduce the flow of water bodies by blocking and restricting the high flow of water. The NSS volunteers did this work at Bhode by restricting the flow by keeping gunny bags comprised of sand soil and slit.	50 + 05 = 55
			5th January 2020. 9am to 1 pm	TREE PLANTATION DRIVE	Around 60 trees were planted according to the climatic conditions and requirements of the village Bhode	50 + 05 = 55
			6th January 2020. 10 am to 6 pm	DISASTER MANAGEMENT WORKSHOP	Bhode Villagers were addressed by Mr. Yogesh Pardeshi (Divisional	50 + 05 = 55

				Officer, Kothrud) on managing the disasters due to fire and road traffic accidents. Real-time actions were demonstrated, which provided a hand on training for handling and operating the fire extinguishers. They also addressed first-aid principles to be followed during household and road traffic accidents.		
			7th January 2020. 10 am to 2 pm	MEDICAL CAMP	General health condition check up was done at Bhode	50 + 05 = 55
			7th January 2020. 6 pm to 8 pm	Programme for villagers (BHAJAN)	Bhajan is a regional form of devotional music. The programme witnessed presence of the senior citizens of the village Bhode and they also participated in the bhajan session by singing and playing Indian instruments like Tabla, Mridang, harmonium and taal.	50 + 05 = 55
			8th January 2020 4 am to 6 pm	DONATION DRIVE	Katkarsamaj (community of people) Blankets, books, clothes and other necessities were donated at Bhode	50 + 05 = 55
			8th January	LECTURE ON	Dr. Narendra	50 + 05 = 55

			2020 11 am to 1 pm	SELF IMPROVEMENT	Govekar, faculty member from Siddhant College of Pharmacy, Pune gave a Motivating speech on positive thinking for Bhode villagers	
			24 <sup>th</sup> September, 2019 11 am to 4 pm	BLOOD DONATION CAMP	A total of 92 participants donated their blood at Poona College of Pharmacy, Pune	110+5=115
			11 <sup>th</sup> of August 2019 to 14 <sup>th</sup> August 2019. Four Days	FLOOD RELIFE (CLEANING DRIVE) AT VILLAGE BURLI	NSS volunteers participating in cleaning drive in village Burli. Which is affected by flood, volunteers cleaned Z. P. School, Grampancahyat office, temples, streets and Government Hospital in Burli.	33+3=36
			11 July 2019 One day	ORAL CANCER SCREENING CAMP	Oral Cancer Screening Camp” for Pune Municipal Transport Katraj Depot employees was organised	25+03 28
			19 January 2020	PULSE POLIO CAMPAIGN	<ul style="list-style-type: none"> <li>• Krishna hospital, paud road, Pune</li> <li>• Sutar hospital, Gujrat colony, Pune</li> <li>• Borse Nursing home, Bhusari colony, Pune</li> <li>• Bhusari colony ground, Pune</li> <li>• Runwal Paradise lane, Pune</li> </ul>	30

### 7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Anti ragging Instructions	15/06/2020	The Hon.Supreme court notification has been published in the admission brochure so that the parents and students have been notified about the anti ragging and undertaking has been collected.

### 7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from-----to----- --)	Number of participants
SWACHHA BHARAT ABHIYAAN CLEANLINESS DRIVE	4th January 2020	55

### 7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)

Every year plantation is done by students and faculty of the institute as one of the NSS activity. Solar panels have been installed and maintained through which electric energy is saved. Institute uses solar power for preparation of water for research activities thus contribute for the environmental protection. LED lamps have been installed in various places of institute. Institute maintains a medicinal garden in which various plants are maintained. The disposal of chemicals has been regulated in a well-planned manner as per the standard guidelines. Additionally, department of pharmacology have a well-established animal house wherein the animals are used for research purpose. The sacrificed animals are isolated after proper screening and are disposed through highly regularized system which is also another major way for environmental protection.

Electronic waste, or e-waste, is a term for electronic products that have become unwanted, non-working or obsolete, and have essentially reached the end of their useful life. Because technology advances at such a high rate, many electronic devices become “trash” after a few short years of use. In fact, whole categories of old electronic items contribute to e-waste such as VCRs being replaced by DVD players, and DVD players are replaced by blu-ray players. E-waste is created from anything electronic: computers, TVs, monitors, cell phones, PDAs, VCRs, CD players, fax machines, printers, etc. Obsolete electronic devices are rapidly filling the landfills of the globe.

NSS team along with students involved in swachh bharat abhiyan in the campus to make campus eco friendly.

## 7.2 Best Practices

Describe at least two institutional best practices

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://pcp.bharativedyapeeth.edu/>

**Best Practice I – Quality Improvement Program, Best Practice II - Drug information**

centre

## **Best Practice I**

### **1. Title of the Practice**

Quality Improvement Program

This title should capture the keywords that describe the practice.

### **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 objectives of this practice is to provide a platform for the faculty members in the profession to improve their teaching and learning through refreshing courses and practical demonstrations. The concept of this practice is that a two week course is designed in specific area which will be discussed by experts of that area with faculty members of Pharmacy colleges from various parts of the country. This program helps faculty members not only to refresh their knowledge in their area of teaching but also to update the new information in the field.

### **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)?

Although the teachers are experts in their area of teaching, the introduction of newer technologies and trends in academics necessitates the upgradation. Current industrial scenario is developing in rapid fashion which implement the novel ideas through new technologies. There should be thorough understanding of the new concepts by the teachers to teach them to students so that to create students as per the current need. In addition, the basic knowledge in the area of teaching should be periodically refreshed

### **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 involved in providing refresher course for the faculty members from various parts of India a two week course is designed in specific area which will be discussed by experts. Lectures of highly qualified experts from different institution are arranged and in addition the demonstration of important experiments is done.

### **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.

At the end of course written test on various aspects covered in the quality improvement program is taken in order to understand the outcome of the program. It is observed that more than 70% delegates scored more than 80% in the test indicating successful outcome of the program. Further the feedbacks are collected from the delegates in order to get rating of the program on scale of 10 and any suggestions for improvement in the program.

Suggestions provided by the delegates are corrected in the next program. Analysis of the

feedbacks collected from the delegates has shown excellent rating on conduct of program in terms of dissemination of knowledge. Additionally some faculty members from other pharmacy institute are interested to attend the program every year suggesting success of the program.

## **6. Problems Encountered and Resources Required**

Please identify the problems encountered and resources required to implement the practice (in about 150 words).

Currently only 30 participants all over India are allowed to participate in the program as that will be more convenient to conduct the programme and demonstrations. Managing big group will be difficult and this is a major limitation in knowledge dissemination. Resource persons from industries could not spend much time for the programme due to their busy schedule. Financial resources are limited for getting resource persons from across the state.

## **7. Notes**

Optional. Please add any other information that may be relevant for adopting/ implementing the Best Practice in other institutions (in about 150 words).

This practice can be well implemented in other institutions by applying funding agencies such as AICTE, DST and UGC and selecting suitable topics with industrial relevant.

## **Best Practice II**

### **1. Title of the Practice**

Drug information centre

This title should capture the keywords that describe the practice.

### **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 objectives of this practice are to provide unbiased well referenced and critically evaluated up-to-date information on every aspect of drug use free of cost to practitioners, physicians, surgeons, nurses, residents, patients and consumers and promote patient care through rational use of medicines. The drug information include complete monograph of newly marketed drug, efficacy of medicines in a disease condition as prescribed, safety of medicines in pregnancy, lactation, child and elderly patients, drug interactions with other drugs/food/disease, correct administration and storage of medicines. It also includes the information to patients about the right drug, dose, dosage form, route and duration of prescribed medicines which leads to the rational use of drug.

### **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)?

In present situation the medical professionals needs to update the recent developments in drugs related information. Although they are expert in their areas, there is need to update them with the new drugs related information. Further, many patients are not aware of drug and its correct usage. Misuse of drugs leads to various problems such as side effects, ineffectiveness, overdose and even death. Health care providers could not share the information about the drugs to all patients due to factors such as time limitation and impatience to explain the complex drug information to patients. Thus there is a definite need for a forum that can provide drug information to medical professionals and patients.

#### **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 Drug information centre consists of well qualified people with knowledge in drug information. The DIC works on daily basis. It has exclusive phone line and e mail contacts through which any one can approach for any kind of drug information. The DIC will respond to each query in the next 12 working hrs and provides necessary information. If new drug information is required necessary information are collected and communicated to concern persons.

#### **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.

DIC has been able to penetrate into the world of medical professionals and society. We have documented DIC reports in a prescribed format. The documentation consists of about the enquirer details, its enquiry, time of receiving and delivery of information, detailed information provided and references utilized to solve the drug related query. The information is solved by our young graduate and post graduate pharmacy students checked and countersigned by a supervisor for its authenticity and appropriateness.

#### **6. Problems Encountered and Resources Required**

Please identify the problems encountered and resources required to implement the practice (in about 150 words).

Initially while setting up the DIC resources were the major issue. However now the resources such as medical and pharmaceutical books, drug database (micromedex), e-journals access and various websites have been sufficient to address the queries successfully.

We have been able to reach the medical professionals of our hospital and community pharmacists through various continuing pharmacy education programs conducted by Maharashtra State Pharmacy Council. There is a need to motivate pharmacists to use such services frequently and spread the awareness in the society. More steps have to be taken to create awareness about DIC in society so that it can be used extensively.

***Any other information regarding Innovations and Best Practices which the university would like to include.***

In addition to the above best practices, we have in-house Public Testing Laboratory and Soverign Pharmaceuticals Pvt Ltd approved by FDA, Maharashtra which are the unique feature of the institution. These facilities provide an Industrial atmosphere to the

students to get exposure on chemical and instrumental techniques in analyzing the real samples from Industries and Industrial manufacturing facilities as per GMP.

### **7.3 Institutional Distinctiveness**

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust

Provide the weblink of the institution in not more than 500 words

Drug information centre (DIC) is unique facility available in the college. In this facility patient can call to the center to solve the queries regarding the use of drug .The DIC number is 020-24368227. The public testing laboratory (PTL) approved by FDA, state of Maharashtra and centre for food testing laboratory (CFT) are very much catering to the need of both students to handle the different industrial projects and industry in analysing their samples. The research scholars are provided exposure to the sophisticated instruments such as LC MS MS, GC-MS-MS and ICP MS in the college itself through these labs.

**8. Future Plans of action for next academic year (500 words)**

Annexure III IQAC Plan 2020-2021 and Annexure IV Academic Calendar 2020-2021

*Name Dr. (Mrs). Arulmozhi.S.*

*Name Dr. A.P.Pawar*

*Signature of the Coordinator, IQAC*

*Signature of the Chairperson, IQAC*

\_\_\_\_\_ \*\*\* \_\_\_\_\_

**Abbreviations:**

CAS	-	Career Advancement 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

\*\*\*\*\*

**Annexure I**

**Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year:**

<b>1.1.2 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year:</b>			
<b>Programme with Code</b>	<b>Date of Introduction</b>	<b>Course with Code</b>	<b>Date of Introduction</b>
0904001- B. Pharm.	1981	BP101T Human Anatomy and Physiology I– Theory	20/06/2019
		BP102T Pharmaceutical Analysis I –Theory	20/06/2019
		BP103T Pharmaceutics I – Theory	20/06/2019
		BP104T Pharmaceutical Inorganic Chemistry – Theory	20/06/2019
		BP105T Communication skills – Theory	20/06/2019
		BP106RBT Remedial Biology P106RMT Mathematics – Theory	20/06/2019
		BP107P Human Anatomy and Physiology – Practical	20/06/2019
		BP108P Pharmaceutical Analysis I –Practical	20/06/2019
		BP109P Pharmaceutics I – Practical	20/06/2019
		BP110P Pharmaceutical Inorganic Chemistry – Practical	20/06/2019
		BP111P Communication skills – Practical	20/06/2019
		BP112RBP Remedial Biology – Practical	20/06/2019
		BP201T Human Anatomy and Physiology II – Theory	20/06/2019
		BP202T Pharmaceutical Organic Chemistry I – Theory	20/06/2019
		BP203T Biochemistry – Theory	20/06/2019
		BP204T Pathophysiology – Theory	20/06/2019
		BP205T Computer Applications in Pharmacy – Theory	20/06/2019
		BP206T Environmental sciences – Theory	20/06/2019
		BP207P Human Anatomy and Physiology II –Practical	20/06/2019
		BP208P Pharmaceutical Organic Chemistry I– Practical	20/06/2019
BP209P Biochemistry – Practical	20/06/2019		
BP210P Computer Applications in Pharmacy – Practical	20/06/2019		
Pharmaceutical Chemistry V (Organic) Theory 2.1.1.T	03.08.2015		

		Pharmaceutical Chemistry V (Organic) Practical 2.1.1.P	03.08.2015
		Pharmaceutical Biochemistry-II Theory 2.1.2.T	03.08.2015
		Pharmaceutical Biochemistry-II Practical 2.1.2.P	03.08.2015
		Pharmaceutical Analysis-I Theory 2.1.3.T	03.08.2015
		Pharmaceutical Analysis-I Practical 2.1.3.P	03.08.2015
		Physical Pharmacy-I Theory 2.1.4.T	03.08.2015
		Physical Pharmacy-I Practical 2.1.4.P	03.08.2015
		Pharmaceutical Microbiology-I Theory 2.1.5.T	03.08.2015
		Pharmaceutical Microbiology-I Practical 2.1.5.P	03.08.2015
		Pathophysiology Theory 2.1.6.T	03.08.2015
		Pharmaceutical Chemistry VI (Organic) Theory 2.2.1.T	03.08.2015
		Pharmaceutical Chemistry VI (Organic) Practical 2.2.1.P	03.08.2015
		Pharmaceutical Microbiology-II Theory 2.2.2.T	03.08.2015
		Pharmaceutical Microbiology-II Practical 2.2.2.P	03.08.2015
		Pharmaceutical Analysis-II Theory 2.2.3.T	03.08.2015
		Pharmaceutical Analysis-II Practical 2.2.3.P	03.08.2015
		Physical Pharmacy-II Theory 2.2.4.T	03.08.2015
		Physical Pharmacy-II Practical 2.2.4.P	03.08.2015
		Pharmacognosy-I Theory 2.2.5.T	03.08.2015
		Pharmacognosy-II Practical 2.2.5.P	03.08.2015
		Pharmacology-I Theory 2.2.6.T	03.08.2015
		Medicinal Chemistry I Theory 3.1.1.T	03.08.2015
		Medicinal Chemistry I Practical 3.1.1.P	03.08.2015
		Pharmaceutical Analysis III Theory 3.1.2.T	03.08.2015
		Pharmaceutical Analysis III Practical 3.1.2.P	03.08.2015
		Pharmaceutical Technology I Theory 3.1.3.T	03.08.2015
		Pharmaceutical Technology I Practical 3.1.3.P	03.08.2015
		Pharmacology II Theory 3.1.4.T	03.08.2015
		Pharmacology II Practical 3.1.4.P	03.08.2015
		Pharmacognosy II Theory 3.1.5.T	03.08.2015
		Pharmacognosy II Practical 3.1.5.P	03.08.2015
		Pharmaceutical Jurisprudence 3.1.6.T	03.08.2015

		Medicinal Chemistry II Theory 3.2.1.T	03.08.2015
		Medicinal Chemistry II Practical 3.2.1.P	03.08.2015
		Pharmaceutical Analysis IV Theory 3.2.2.T	03.08.2015
		Pharmaceutical Analysis IV Practical 3.2.2.P	03.08.2015
		Pharmaceutical Technology II Theory 3.2.3.T	03.08.2015
		Pharmaceutical Technology II Practical 3.2.3.P	03.08.2015
		Pharmacognosy III Theory 3.2.4.T	03.08.2015
		Pharmacognosy III Practical 3.2.4.P	03.08.2015
		Pharmaceutical Biotechnology Theory 3.2.5.T	03.08.2015
		Pharmaceutical Biotechnology Practical 3.2.5.P	03.08.2015
		Pharmacology III 3.2.6.T	03.08.2015
		Medicinal Chemistry III Theory 4.1.1.T	03.08.2015
		Medicinal Chemistry III Practical 4.1.1.P	03.08.2015
		Pharmaceutical Technology III Theory 4.1.2.T	03.08.2015
		Pharmaceutical Technology III Practical 4.1.2.P	03.08.2015
		Biopharmaceutics and Pharmacokinetics Theory 4.1.3.T	03.08.2015
		Biopharmaceutics and Pharmacokinetics Practical 4.1.3.P	03.08.2015
		Pharmacognosy IV Theory 4.1.4.T	03.08.2015
		Pharmacognosy IV Practical 4.1.4.P	03.08.2015
		Pharmaceutical Analysis V 4.1.5.T	03.08.2015
		Clinical Pharmacy Theory 4.1.6.T	03.08.2015
		Soft skills Practical 4.1.7.P	03.08.2015
		Medicinal Chemistry IV Theory 4.2.1.T	03.08.2015
		Medicinal Chemistry IV Practical 4.2.1.P	03.08.2015
		Pharmaceutical Analysis VI Theory 4.2.2.T	03.08.2015
		Pharmaceutical Analysis VI Practical 4.2.2.P	03.08.2015
		Pharmaceutical Technology IV Theory 4.2.3.T	03.08.2015
		Pharmaceutical Technology IV Practical 4.2.3.P	03.08.2015
		Pharmacology IV Theory 4.2.4.T	03.08.2015
		Pharmacology IV Practical 4.2.4.P	03.08.2015
		Pharmaceutical Management Theory 4.2.5.T	03.08.2015
		Pharmacovigilance and Medicine Safety Theory 4.2.6.T	03.08.2015
		Project 4.2.7.P	03.08.2015

0903004 - M.Pharm (Pharmaceutics)	1986	MPH 101T Modern Pharmaceutical Analytical Techniques	20/06/2019
		MPH 103T Modern Pharmaceuti cs	20/06/2019
		MPH 104T Regulatory Affairs	20/06/2019
		MPH 105P Pharmaceutics Practical I	20/06/2019
		MPH 201T Molecular Pharmaceutics(Nano Tech and Targeted DDS)	20/06/2019
		MPH 202T Advanced Biopharmac eutics & Pharmacokinetics	20/06/2019
		MPH 203T Computer Aided Drug Delivery System	20/06/2019
		MPH 204T Cosmetic and Cosmeceuticals	20/06/2019
		MPH 205P Pharmaceutics Practical I	20/06/2019
0903007 - M.Pharm (Pharmacology)	1986	MPL 101T Modern Pharmaceutical Analytical Techniques	20/06/2019
		MPL 102T Advanced Pharmacology-I	20/06/2019
		MPL 103T Pharmacological and Toxicological Screening Methods-I	20/06/2019
		MPL 104T Cellular and Molecular Pharmacology	20/06/2019
		MPL 105P Pharmacology Practical I	20/06/2019
		MPL 201T Advanced Pharmacology II	20/06/2019
		MPL 102T Pharmacological and Toxicological Screening Methods-II	20/06/2019
		MPL 203T Principles of Drug Discovery	20/06/2019
		MPL 204T Experimental Pharmacology practical- II	20/06/2019
MPL 205P Pharmacology Practical II	20/06/2019		
0903003 - M.Pharm (Pharmaceutical Chemistry)	1986	MPC101T Modern Pharmaceutical Analytical Techniques	20/06/2019
		MPC1012T Advanced Organic Chemistry –I	20/06/2019
		MPC103T Advanced Medicinal Chemistry	20/06/2019
		MPC104T Chemistry of Natural Products	20/06/2019
		MPC105P Pharmaceutical Chemistry Practical I	20/06/2019
		MPC201T Advanced Spectral Analysis	20/06/2019
		MPC202T Advanced Organic Chemistry –II	20/06/2019
		MPC203T Computer Aided Drug Design	20/06/2019

		MPC204T Pharmaceutical Process Chemistry	20/06/2019
		MPC205P Pharmaceutical Chemistry Practical II	20/06/2019
0903005 - M.Pharm (Pharmacognosy)	1986	MPG101T Modern Pharmaceutical Analytical Techniques	20/06/2019
		MPG102T Advanced Pharmacognosy-I	20/06/2019
		MPG103T Phytochemistry	20/06/2019
		MPG104T Industrial Pharmacognostical Technology	20/06/2019
		MPG105P Pharmacognosy Practical I	20/06/2019
		MPG201T Medicinal Plant Biotechnology	20/06/2019
		MPG202T Advanced Pharmacognosy-II	20/06/2019
		MPG203T Indian system of medicine	20/06/2019
		MPG204T Herbal cosmetics	20/06/2019
		MPG205P Pharmacognosy Practical II	20/06/2019
0903006 - M.Pharm (Quality Assurance Techniques)	2000	MPA101T Modern Pharmaceutical Analytical Techniques	20/06/2019
		MQA102T Quality Management System	20/06/2019
		MQA103T Quality Control and Quality Assurance	20/06/2019
		MQA104T Product Development and Technology Transfer	20/06/2019
		MQA105P Pharmaceutical Quality Assurance Practical I	20/06/2019
		MQA201T Hazards and Safety Management	20/06/2019
		MQA202T Pharmaceutical Validation	20/06/2019
		MQA203T Audits and Regulatory Compliance	20/06/2019
		MQA204T Pharmaceutical Manufacturing Technology	20/06/2019
		MQA205P Pharmaceutical Quality Assurance Practical II	20/06/2019
0903002 - M.Pharm (Pharmaceutical Biotechnology)	2004	MPB 101T Modern Pharmaceutical Analytical Techniques	20/06/2019
		MPB 102T Microbial And Cellular Biology	20/06/2019
		MPB 103T Bioprocess Engineering and Technology	20/06/2019
		MPB 104T Advanced Pharmaceutical Biotechnology	20/06/2019
		MPB 105P Pharmaceutical Biotechnology Practical I	20/06/2019

		MPB 201T Proteins and protein Formulation	20/06/2019
		MPB 202T Immunotechnology	20/06/2019
		MPB 203T Bioinformatics and Computer Technology	20/06/2019
		MPB 204T Biological Evaluation of Drug Therapy	20/06/2019
		MPB 205P Pharmaceutical Biotechnology Practical II	20/06/2019
0903008 - M.Pharm (Drug Regulatory Affairs)	2014	MRA 101T Good Regulatory Practices	20/06/2019
		MRA 102T Documentation and Regulatory Writing	20/06/2019
		MRA 103T Clinical Research Regulations	20/06/2019
		MRA 104T Regulations and Legislation for Drugs & Cosmetics, Medical Devices, Biologicals & Herbals, and Food & Nutraceuticals In India and Intellectual Property Rights	20/06/2019
		MRA 105P Regulatory Affairs Practical I	20/06/2019
		MRA 201T Regulatory Aspects of Drugs & Cosmetics	20/06/2019
		MRA 202T Regulatory Aspects of Herbal & Biologicals	20/06/2019
		MRA 203T Regulatory Aspects of Medical Devices	20/06/2019
		MRA 204T Regulatory Aspects of Food & Nutraceuticals	20/06/2019
		MRA 205P Regulatory Affairs Practical II	20/06/2019
Pharm D	2009	1.1 Human Anatomy and Physiology	20/06/2009
		1.2 Pharmaceutics	20/06/2009
		1.3 Medicinal Biochemistry	20/06/2009
		1.4 Pharmaceutical Organic Chemistry	20/06/2009
		1.5 Pharmaceutical Inorganic Chemistry	20/06/2009
		1.6 Remedial Mathematics/ Biology	20/06/2009
		2.1 Pathophysiology	20/06/2009
		2.2 Pharmaceutical Microbiology	20/06/2009
		2.3 Pharmacognosy & Phytopharmaceuticals	20/06/2009
		2.4 Pharmacology-I	20/06/2009
		2.5 Community Pharmacy	20/06/2009
		2.6 Pharmacotherapeutics-I	20/06/2009
		3.1 Pharmacology-II	20/06/2009

		3.2 Pharmaceutical Analysis	20/06/2009
		3.3 Pharmacotherapeutics-II	20/06/2009
		3.4 Pharmaceutical Jurisprudence	20/06/2009
		3.5 Medicinal Chemistry	20/06/2009
		3.6 Pharmaceutical Formulations	20/06/2009
		4.1 Pharmacotherapeutics-III	20/06/2009
		4.2 Hospital Pharmacy	20/06/2009
		4.3 Clinical Pharmacy	20/06/2009
		4.4 Biostatistics & Research Methodology	20/06/2009
		4.5 Biopharmaceutics & Pharmacokinetics	20/06/2009
		4.6 Clinical Toxicology	20/06/2009
		5.1 Clinical Research	20/06/2009
		5.2 Pharmacoepidemiology and Pharmacoconomics	20/06/2009
		5.3 Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring	20/06/2009
		5.4 Clerkship	20/06/2009
		5.5 Project work	20/06/2009
		6. Internship or residency training	20/06/2009
PhD	1986		

**Annexure II:**

**6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year**

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Faculty Development Program on AICTE UKERI Leadership Development programme	01	6-9Aug, 2018 9 -12 Dec 2019
Faculty Development Programme on Innovative Trends in Phytopharmacology	03	25 Nov - 7 Dec, 2019
Orientation Programme Orientation Training Programme (OTP) of Ayurveda 2019	01	27 <sup>th</sup> January-1 <sup>st</sup> February 2020
e-FACULTY DEVELOPMENT PROGRAM ON: Building Research and Innovative Culture Among Pharmacy Teachers	06	18-22 May, 2020
Faculty Development Programme Python 3.4.3	03	19- 23May, 2020
Faculty Development Programme Foundation Course in Educational Methodology	11	25 April-1 May, 2020

Faculty Development Programme Redefining the Role of Educator in Covid-19 Outbreak Era	03	11-16 May, 2020
Faculty Development Programme on Teachers and Ethics: Balance in Research, Teaching, Socio-professional values and attitudes	10	20-25 May, 2020
Faculty Development Programme on Transforming Teaching Learning Process Through Modern Pedagogical Techniques	02	10 Jan-8 March, 2019
Annual Refresher Course in Pharmacy For Higher Education	06	18 Oct-15 Jan, 2020
Faculty Development Programme Innovative Teaching Learning Methodologies in Pharmacy Education	07	4-14 Feb, 2020
Faculty Development Programme Exploring Herbal Domain through newer techniques: Approach and Application	01	2-7 Dec, 2019
Refresher Course on Artificial Intelligence and Drug Discovery	01	1-17 April, 2020
Short Term Program on Moodle Learning Management System (Moodle Test for Teachers Training)	01	20-25 April, 2020
e-Faculty development program on Advancement Initiative	01	26-29 May, 2020
Faculty development program on "ICT Tools for Online Learning"	02	20- 28 April, 2020
Faculty Development Program on Advances in drug discovery and formulation development	01	18 Oct-15 Jan 2020
Short term Program on Target based drug design strategies utilizing CADD tools & ecofriendly MW assisted green synthesis	01	22 April- 2May 2020
Faculty development program on "Pharmaceutical Product Development: Challenges and Opportunities"	01	15-19 June, 2020
Faculty development program on "COVID-19 Outbreak : Challenges and Opportunities in Higher Education"	01	1-5 June 2020
Faculty development program on "Emerging Innovations and Insights in Pharmaceutical Sciences"	01	8-13 June, 2020
Faculty development program on "Creative Research And Innovation In Spectroscopy"	01	8-13 June, 2020
Faculty development program on "Emerging Trends In Pharmaceutical Sciences: From Classroom to Online"	01	9-13 June, 2020
Faculty development program on "Trends and Advancements in Pharmaceutical Sciences"	01	10-13 June, 2020

Faculty development program on “Innovative Trends in Pharmaceutical Sciences”	01	11-17 June, 2020
Faculty development program on “AIU-QASPIR Online Course on Developing Digital Practitioners”	01	8-15 June, 2020
Faculty development program on “Emerging Trends in Pharmaceutical Practices”	01	14-18 June, 2020
Faculty development program on “e-content Development for Teachers”	01	1-5/6/2020
Faculty development program on “Perspectives of online teaching and learning”	01	8-13 June, 2020
Faculty development program on “Anti-infective discovery and development”	01	22-27 June, 2020
Orientation Program on Merck – Solubility Enhancement by solid dispersion technique	01	21 Nov, 2019
Orientation Program on “Need based research and development in pharmaceutical field for serving society” by AICTE	01	24 Nov, 2019
Faculty development program on “Medicinal Chemistry in Drug Discovery”	01	26-31 Aug, 2019
Short Term Program on “Conceptualization to success in drug discovery and development: Spectacles to teaching and learning”	06	11-23 Nov, 2019
Quality Improvement Programme FDP on “Gen-Next Pharmacology: Today’s Discovery Tomorrow’s Medicine”	09	11- 23 Nov, 2019
Quality Improvement Programme on Innovative Trends in Phytopharmacology	03	25 Nov - 7 Dec, 2019
Short Term Program on “Plagiarism-Don’t get trapped and Academic writing”	08	6-17 May, 2020
e-FACULTY DEVELOPMENT PROGRAM ON: Building Research and Innovative Culture Among Pharmacy Teachers	06	18-22 May, 2020
Faculty development program on “An Overview: Clinical Trials and Data Management, Impact Of Pandemic COVID-19”	01	22 May, 2020
Orientation Program on software “Python 3.4.3”	03	19- 23 May, 2020
Orientation Program on “Design of Experiments in Pharmaceutical Research”	01	11-12 May, 2020
Refresher Course on “Advances in Pharmaceutical Research”	02	11-13 May, 2020
Faculty development program on “Target based drug	01	22 April- 2 May

design strategies utilizing CADD tools & ecofriendly MW assisted green synthesis”		2020
Orientation Program on How to create Educational Videos	01	10 May, 2020
Short term Program on “Journal Citation Reports – South Asia Training and Certification Program 2020”	02	12-15 May, 2020
Faculty Development Program on “Teachers and Ethics: Balance in Research, Teaching, Socio-professional values and attitudes”	10	20-25 May, 2020
Faculty Development Program on Transforming Teaching Learning Process Through Modern Pedagogical Techniques	02	10 Jan-8 March, 2019
Annual Refresher Course in Pharmacy For Higher Education	06	18 Oct-15 Jan, 2020
Quality Improvement Program-FDP on Innovative Teaching Learning Methodologies in Pharmacy Education	07	4-14 Feb, 2020
Faculty Development Program on “Exploring Herbal Domain through newer techniques: Approach and Application”	01	2-7 Dec, 2019
Short term program on “Introduction to the patent co-operation treaty”	01	14-16 April, 2020
Short term program on “Course on Artificial Intelligence and Drug Discovery”	01	1-17 April, 2020
Refresher course on “Online Learning Workshop”	02	1-3 April, 2020
Refresher course on “Integrity and Ethical Considerations in the Conduct of Clinical Research”	02	21-23 May, 2020
Short term program on “Exploring Herbal Domain through newer techniques: Approach and Application”	01	2-7 Dec, 2019
Short term program on “e-Faculty Advancement Initiative”	01	26-29 May, 2020
Short term program on “Accustoming Pharmaceutical Professionals with Upcoming Future Challenges”	01	29-31 May, 2020
Refresher course on ICT Tools for Online Learning	02	20- 28 April, 2020
Faculty Development Program on “Advances in drug discovery and formulation development”	01	18 <sup>th</sup> Oct-15 <sup>th</sup> Jan 2020

**Annexure III:****IQAC Plan 2020-2021**

<b>Activity Name</b>	<b>Title of activity</b>	<b>Activity In-Charge</b>	<b>Date/ Period</b>
IQAC meeting and activities of the university	IQAC Meetings	IQAC Co-ordinator: Dr. Arulmozhi S	July 2020, October 2020, January 2021, May 2021
IQAC Seminar and Workshops	IQAC Seminar	Data Collection and Integrity As a Perspective of Quality	November 2020
International Conferences / Symposia / Seminars / Workshops	8th International Congress of Society for Ethnopharmacology 2021	Dr Sathiyarayanan L	05/02/2021 to 07-02-2020
National Conferences / Symposia / Seminars / Workshops	MSDE-UKIERI, IPS sponsored workshop 'Developing and sustaining India's capacity for Pre-clinical Drug Discovery'	Dr Urmila Aswar	October 2020
Faculty Development Programmes	QIP (Pharmacy Practice )- Medication safety in clinical practice	Mrs. Manjusha Sajith	15.2.2021 to 27.2.2021
	Exploring Indigenous knowledge form modern lifestyle disorders	Dr. Ajay Namdeo	Jan 2021
	New Horizons in Quality Management: from academics to Industry	Mrs. Preeti Tamane	15.2.2021 to 27.2.2021
Teaching & Non-Teaching Staff skill Development Programmes	Skill Development Program Training on Animal House activities for Non-Teaching Staff	Dr.Arulmozhi.S	December 2020
	Animal Handling and Experimentation for Researchers	Dr.Arulmozhi.S	January 2021
Alumni Activities	Alumni meet	Dr. Sharvil Patil	24th December 2020
Institute Innovation Council	Innovation Ideas- Discussion and implementation related Events	Dr. Bothiraja	01 event each during August, September , October, January, February
Career/ Personality Development Programmes		Dr.Vaibav Shinde	November 2020
Entrepreneurship	YouthX-Online webinar series	Dr. Ashwin Mali and	July 2020

development program	Interactive session Hustlers-Community of students creation International Youth Day program  Workshop- Leadership Skill development program Expresso Chpater 3.0 Online summit  Seminar on Failures and how to face them head-on?  Competitions for entrepreneurship skills	Dr. Sathiyarayanan L	12 <sup>th</sup> August 2020  September 2020  November 2020  December 2020  January 2021
Programme on Gender Sensitivity	Women's Day program	Dr. Varsha Pokharkar	8th March 2021
Community Engagements			
NSS activities	Special Winter Camp	Dr. Ravindra Kamble	03/01/2021 to 09/01/2021
	International Yoga Day	Dr. Ravindra Kamble	21/06/2021
	International Youth Day	Dr. Ravindra Kamble	12th August 2020
	"Swachhata Bharat Abhiyaan - Gramin"	Dr. Ravindra Kamble	17th of August 2020
	Nirmalya Collection during the Immersion of Ganesh Idols	Dr. Ravindra Kamble	22-29 September, 2020
	International Peace Day	Dr. Ravindra Kamble	21st September 2020
	NSS Day	Dr. Ravindra Kamble	24th September 2020
	National Blood Donation Day	Dr. Ravindra Kamble	1st October 2020
	Constitution Day	Dr. Ravindra Kamble	26th November 2020
	World AIDS Day	Dr. Ravindra Kamble	1st December 2020
	National Youth Day	Dr. Ravindra Kamble	12th January 2021
	World Health Day	Dr. Ravindra Kamble	7th April 2021
Cultural activities	International Day of Yoga	Dr. Mugdha Suryawanshi	21st June 2021
	Farewell Function (B Pharm and Pharm D)	Dr. Mugdha Suryawanshi	July 2020
	Teachers Day Celebration	Dr. Mugdha	5th Sept 2020

		Suryawanshi	
	Pharmacist Day Celebration	Dr. Mugdha Suryawanshi	25th Sept 2020
	National Pharmacy Week Celebration	Dr. Mugdha Suryawanshi	Sept 2020
	Mahatma Gandhi Jayanti	Dr. Mugdha Suryawanshi	2nd Oct 2020
	Vigilance Awareness Week	Dr. Mugdha Suryawanshi	Oct 2020
	A visit to Matoshree Asylum	Dr. Mugdha Suryawanshi	Jan 2021
	Annual Gathering	Dr. Mugdha Suryawanshi	Feb 2021
	Marathi Divas Celebration	Dr. Mugdha Suryawanshi	27th Feb 2021
Sports competitions	Pharmacy cup Tournament	Dr. Nilesh Desai/ Mrs. Manjusha Sajith	3 January , 2021
Placement activities	Campus Interview Guest lectures by Experts on Placement opportunities	Dr. Vaibav Shinde	December 2020 November 2020
Meetings of various committees: Staff meeting		Dr. A.P. Pawar	5 <sup>th</sup> of Every Month
	Research Committee meeting	Dr. V.B.Pokharkar	September 2020 March 2021
	Parent-Teacher Association meeting	Dr. Bothiraja	10 <sup>th</sup> Dec 2020 12 <sup>th</sup> March 2021
	Curriculum Delivery Plans	Dr. Varsha Pokharkar	5 <sup>th</sup> of Every month
Student Related activities	Guest lectures ISPOR chapter	Dr P R Deshpande	October 2020
	ISTE Students chapter	Dr. Vividha Dhapte	September 2020 Feb 2021

**Annexure IV:****BHARATI VIDYAPEETH UNIVERSITY, PUNE**

Academic Calendar 2020 – 2021 (Term wise)

Name of the Institute : Poona College of Pharmacy,

Name of the faculty : Pharmaceutical Sciences.

**First Term**

Course	Date of Commencement	Date of Conclusion	No.of Working Day	Diwali Vacation	Winter Break.
B.Pharm.	01/07/2020	31/10/2020	(17 W) 100 days	01/11/2020 to 20/11/2020 (19 Days)	22/12/2020 to 31/12/2020 (10 Days)
M.Pharm	03/08/2020	23/12/2020	( 18.5 W) (109days)	07/11/2020 to 20/11/2020 ( 2 W)	-----
Pharm. D.	01/07/2020	31/10/2020	( 17 W) 100 days	01/11/2020 to 20/11/2020 (19 Days)	22/12/2020 to 31/12/2020 (10 Days)
B.Pharm (Practice)	01/07/2020	31/10/2020	(17 W) 100 days	01/11/2020 to 20/11/2020 (19 Days)	22/12/2020 to 31/12/2020 (10 Days)

**BHARATI VIDYAPEETH DEEMED UNIVERSITY, PUNE**

**PROPOSED SCHEDULE OF UNIVERSITY EXAMINATIONS FOR OCT. / NOV. 2020 EXAMINATIONS.**

Name of College / Institute :BharatiVidyapeeth Deemed University, Poona College of Pharmacy, Erandwane, Pune – 411 038.

S r . N o .	Cours e	Examin ation	Com menc ement of Teach ing Term.	End of Teachin g Term	Teachin g days to be complet ed as per syllabus	Diwali Vacation period		No.o f Prep arato ry days	Commen cement / Conclusi on of Universit y Theory Examinat ion		Com menc ement / Concl usion of Unive rsity Practi cal Exam inatio n	Com men cem ent of Ter m as per Univ ersit y circu lar	Con clusi on of Ter m as per Univ ersit y circu lar
						From	To		Com m en ce m en t	Con cl usi on			
1	B.Pham.	Winter Oct/Nov 2020	01/07 /2020	28/10/20 20	16.5 weeks  100 days	02/11/2020	20/11/2020	10	23/11/2020	07/12/2020	09/12/2020	20/12/2020	01/07/2020
2	Pharm. D  Pharm D (PB).	-	01/07 /2020	28/10/20 20	17.5wee ks  104 days	02/11/2020	20/11/2020	-	-	-	-	-	01/07/2020
3	M.Ph arm.	Winter Oct/Nov 2020	03/08 /2020	23/12/20 20	18.5 weeks  (110day s)	07/11/2020	20/11/2020	10	04/01/2021	12/01/2021	13/01/2021	16/01/2021	01/07/2020
4	B.Pham. (Pract ice)	Winter Oct/Nov 2020	03/08 /2020	28/10/20 20	14.5wee ks  96 days	02/11/2020	20/11/2020	-	23/11/2020	28/11/2020	30/11/2020	05/12/2020	01/07/2020

Signature,  
Dean of Faculty

Signature  
Head of Institution

**Enclosure I****Action Taken Report on IQAC Plan for the year 2019-20****Name of the Constituent Unit : Poona College of Pharmacy**

S.No	Activity Head	Title of activity	Activity Head	Proposed Date	Actual Date
1	IQAC meeting and activities of the university	Review of activities conducted in previous year and planning of activities for next academic year	Dr.Arulmozhi.S	July 2019 November 2019 February 2020 May 2020	26/08/2019, 28/12/2019 and 10/02/2020
2	International Conferences / Symposia / Seminars / Workshops	International Conference on Emerging Trends in Delivery of Phytoconstituents	Dr.R.N.Kamble	20, 21 September 2019	29-30 <sup>th</sup> November, 2019
3		Discussion on National Education Policy	Dr.Atmaram Pawar	July 2019	11 <sup>th</sup> July, 2019
4	Faculty Development Programmes	Gen- <i>Next</i> Pharmacology: Today's Discovery Tomorrow's medicine.	Dr.Urmila M Aswar	11/11/2019 to 23/11/2019	11/11/2019 to 23/11/2019
		Recent Advances of Chemical Synthesis and Computational Modelling in Drug Discovery and Development	Dr. Ravindra G Kulkarni	11/11/2019 to 23/11/2019	11/11/2019 to 23/11/2019
		Innovative Teaching Learning Methodologies In Pharmacy	Dr.V.B.Pokharkar	10/02/2020 to 22/02/2020	10/02/2020 to 22/02/2020
5	Alumni Activities	Welcome to freshly admitted students	Dr.M.R.Suryawanshi	24 <sup>th</sup> August, 2020	1 <sup>st</sup> -3 <sup>rd</sup> August,2020
		Farewell to Final Year Students	Dr.M.R.Suryawanshi & Ms.A.L.Raut	April 2020 & May 2020	July 2020
		Alumni meet	Dr. S.S. Patil	December 2019	26 <sup>th</sup> December, 2019

6	Industry–Institute Interaction Programme	Hands on training on power lab module with recent technology in data acquisition and analysis for preclinical research	Dr.Arulmozhi.S	October 2019	6 <sup>th</sup> November, 2019
7	Career/ Personality Development Programmes	Personality Development	Dr. P.R. Nalawade	Dec 2019	Dec 2019
		<p>Entrepreneur Development Programme</p> <p>1. YOU tube seminar : Espresso chapter Topic Effective Leadership and Teamwork to sustain in an Entrepreneurial Environment</p> <p>2. One Pitcher down 1.0, an online competition to test the marketing skills of students</p> <p>Espresso chapter 2.0: Q N A session on further opportunities and entrepreneurship post lockdown</p> <p>Interaction with Dr.Kiran Bedi , Hon. Lt. Governor of Puduchery by our student Mr. Swetanshu (II Year B.Pharm, )on Qualities for Entrepreneurship Development</p>	<p>Dr.Sathiyarayan L</p> <p>Dr. Ashwin Mali</p>	January 2020	<p>11<sup>th</sup> April 2020</p> <p>21<sup>st</sup> April 2020</p> <p>6/21/2020</p> <p>6/25/2020</p>
8	Programme on Gender Sensitivity	STRINGS	Dr. V B Pokharkar	March 2019	11 <sup>th</sup> February, 2020
9	Community Engagements	Oral Cancer Screening Camp	Ms. A.L.Raut	11 <sup>th</sup> July 2019	11 July 2019
		Blood Donation Camp	Mr. Bijoy Panda	January 2019	15 <sup>th</sup> January, 2020

		Visit to Matoshree	Dr. M.R.Suryawanshi	11 <sup>th</sup> January, 2020	11 <sup>th</sup> January, 2020
10	NSS activities	Ganeshostav Bandobast: NSS volunteer participation	Dr. R.N. Kamble	September 2019	September 2019
		NSS camp	Dr. R N Kamble	January 2020	10 <sup>th</sup> -16 <sup>th</sup> January, 2020
		Swachhata Bharat Abhiyan	Dr RNK	Aug 2019	4 <sup>th</sup> January, 2020
11	Cultural activities	Annual Day & Cultural event	Dr.C.Bothiraja	22/02/2020	29 <sup>th</sup> February, 2020
12	Sports competitions	State level Pharmacy Cup	Dr. S. S. Pathare & Dr. Vividha Dhapte	January 2019	17 <sup>th</sup> to 21 <sup>st</sup> February, 2020
13	Meetings of various committees, such as Research Committee, Parent-Teacher Association etc.	Research Committee Meetings  Parent- Teacher Association Meetings  Students Counsel Meeting	Dr.V.B.Pokharkar  Dr.C. Bothiraja  Dr.M.R.Suryawanshi	July 2019 and February 2020  22/09/2019  18/01/2020  07/09/2019  10/01/2020	15 <sup>th</sup> July, 2019 and 17 <sup>th</sup> February 2020  22/09/2019  18/01/2020  07/09/2019  10/01/2020
14	Curriculum Delivery Plans	Curriculum Delivery plans are reviewed at the beginning of academic year and are reviewed during monthly meetings.			
15	Curriculum Development	BOS Meeting	Dr. J. R. Rao	July 2019  February 2020	02/12/2019
16	Staff Meeting	Staff Meeting	Dr. A. P. Pawar	5 <sup>th</sup> of Every month	8 meetings
17	Student Related activities	Placements	Dr. P.R. Nalawade	January 2020 to June	January 2020 to June 2020

				2020	
		Live Project' opportunities for students	Dr Vividha Dhapte		19 Jul 2019
		Role of a pharmacist in procurement and distribution of veterinary products			19 Jan 2020
		MUSICAL FEST FOR FIGHTING DEPRESSION AND SUICIDE IN YOUTHS	Dr Vividha Dhapte		30 Jul 2020
		Use of Mendeley Software	Preeti Tamane		24 Apr 2020
18	ISTE Student Chapter activities	Pharma Video Clip Contest	Dr Vividha Dhapte	December 2019	10-16 Sep 2019
19	ISTE Student Chapter activities	Poster presentation competition	Dr Vividha Dhapte	December 2019	30 Sep 2019
20	ISPOR BVDU STUDENT CHAPTER	Blood Donation Camp	Dr. Prasanna Deshpande		23 Sep 2019
21	Staff Academy Lectures	European Union: Cooperation Opportunities on Research	Dr. Vividha Dhapte		5 March 2020
		'Recent advances in transdermal drug delivery system '			3 May 2020