

Updated e-NBA SAR

ACADEMIC SESSION 2019-20



AMBE DURGA EDUCATION SOCIETY'S
DADASAHEB BALPANDE
COLLEGE OF PHARMACY

NEAR SWAMI SAMARTH DHAM MANDIR, BESA, NAGPUR-37

**DADASAHEB BALPANDE COLLEGE OF PHARMACY
BESA, NAGPUR**

Updated e-NBA SAR
ACADEMIC YEAR 2019-20





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Dadasaheb Balpande College of Pharmacy, Besa, Nagpur

Dadasaheb Balpande College of Pharmacy

Part A: Institutional Information

1. Name and Address of the Institution

Dadasaheb Balpande College of Pharmacy, Near Swami Samarth Mandir,
Besa Square, Nagpur-37

2. Name and Address of Affiliating University

3. Year of establishment of the Institution:

Rashtrasant Tukdoji Maharaj, Nagpur University

2006

4. Type of the Institution:

<input type="radio"/> University	<input checked="" type="radio"/> Affiliated
<input type="radio"/> Deemed University	<input type="radio"/> Any other(Please Specify)
<input type="radio"/> Autonomous	

5. Ownership Status:

<input type="radio"/> Central Government	<input type="checkbox"/> Trust
<input type="radio"/> State Government	<input checked="" type="checkbox"/> Society
<input type="radio"/> Grant In Aided	<input type="checkbox"/> Section 25 Company
<input type="radio"/> Self financing	<input type="checkbox"/> Any Other(Please Specify)

6. Other Academic Institutions of the Trust/Society/etc., if any: NIL

Name of Institutions	Year of Establishment	Programs of Study	Location



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7. Details of all the programs being offered by the Institution under consideration:

Name of Program	Program Applied level	Start of year	Year of AICTE approval	Initial Intake	Intake Increase	Current Intake	Accreditation status	From	To	Program for consideration	Program for Duration
Bachelor in Pharmacy	UG	2006	2006	60	No	60	Applying first time	--	-	Yes	4 Yrs
Mater of Pharmacy-Pharmaceutics	PG	2012	2012	18	Yes	15	Not Applied for Accreditation	--	-	No	2 Yrs

Sanctioned Intake for Last Five Years for the Mater of Pharmacy-Pharmaceutics

Academic Year	Sanctioned Intake
2019-20	15
2018-19	15
2017-18	15
2016-17	18
2015-16	18
2014-15	18
Master of Pharmacy in Pharmaceutical Quality Assurance	PG 2012 2012 18 Yes 15 -- - No 2

Sanctioned Intake for Last Five Years for the Master of Pharmacy in Pharmaceutical Quality Assurance

Academic Year	Sanctioned Intake
2019-20	15
2018-19	15
2017-18	15
2016-17	18
2015-16	18
2014-15	18

8. Programs to be considered for Accreditation vide this application:

S No	Level	Discipline	Program
1	Under Graduate	Pharmacy	Pharmacy



9. Total number of employees

A. Regular* Employees (Faculty and Staff):

Items	2019-20		2018-19		2017-18	
	MIN	MAX	MIN	MAX	MIN	MAX
Faculty in Pharmacy (Male)	13	13	12	13	11	11
Faculty in Pharmacy (Female)	12	12	09	12	10	11
Faculty in Science & Humanities (Male)	00	00	00	00	00	00
Faculty in Science & Humanities (Female)	00	00	00	00	00	00
Non-teaching staff (Male)	00	00	00	00	00	00
Non-teaching staff (Female)	00	00	00	00	00	00

B. Contractual* Employees (Faculty and Staff):

Items	2019-20		2018-19		2017-18	
	MIN	MAX	MIN	MAX	MIN	MAX
Faculty in Pharmacy (Male)	00	00	00	00	00	00
Faculty in Pharmacy (Female)	01	01	01	01	01	01
Faculty in Science & Humanities (Male)	00	00	00	00	00	00
Faculty in Science & Humanities (Female)	00	00	00	00	00	00
Non-teaching staff (Male)	00	00	00	00	00	00
Non-teaching staff (Female)	00	00	00	00	00	00

10. Total number of Pharmacy students:

UG	<input checked="" type="checkbox"/> Shift1	<input type="checkbox"/> Shift2
PG	<input checked="" type="checkbox"/> Shift1	<input type="checkbox"/> Shift2
Diploma	<input type="checkbox"/> Shift1	<input type="checkbox"/> Shift2



UG Shift-1

Total number of Pharmacy students	2019-20	2018-19	2017-18
Total No. of Boys	68	83	79
Total No. of Girls	181	168	153
Total	249	251	232

PG Shift-1

Total number of Pharmacy students	2019-20	2018-19	2017-18
Total No. of Boys	15	14	15
Total No. of Girls	41	39	33
Total	56	53	48

11. Vision of the Institution:

To become academic leader by achieving excellence in imparting knowledge, skills and attitude in our students to make them globally competent in Pharmaceutical Sciences

12. Mission of the Institution:

1. Imparting quality education to students and make them competent and skilled professionals.
2. Implementing pedagogical innovations that are comparable with global standards.
3. Inculcate research as an integral component of learning process.
4. Inclusiveness and diversity among relevant stakeholders.

13. Contact Information of the Head of the Institution and NBA coordinator, if designated:

Head of the Institution	
Name	Dr (Mrs) Ujwala N. Mahajan
Designation	Principal
Mobile No.	8275013831
Email ID	ujwalat5@gmail.com

☒ NBA Coordinator, If Designated

Name	Dr Ajay G. Pise
Designation	Associate Professor
Mobile No.	9503056353
Email ID	ajaygpise@gmail.com



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Part B

1. VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (50)

Total Marks 50.00

1.1 State the mission & vision (5)

Total Marks 5.00

Institute Marks : 5.00

Vision of the institute	To become academic leader by achieving excellence in imparting knowledge, skills and attitude in our students to make them globally competent in Pharmaceutical Sciences.	
Mission of the institute	1. Imparting quality education to students and make them competent and skilled professionals. 2. Implementing pedagogical innovations that are comparable with global standards. 3. Inculcate research as an integral component of learning process. 4. Inclusiveness and diversity among relevant stakeholders.	
Vision of the Department	To become academic leader by achieving excellence in imparting knowledge, skills and attitude in our students to make them globally competent in Pharmaceutical Sciences.	
Mission of the Department	Mission No.	Mission Statements
	M1	Imparting quality education to students and make them competent and skilled professionals.
	M2	Implementing pedagogical innovations that are comparable to global standards.
	M3	Inculcate research as an integral component of learning process.
	M4	Inclusiveness and diversity among relevant stakeholders.



संस्था की दूरदृष्टी:

फार्मास्यूटिकल सायन्सेस में विश्व स्तर पर सक्षम बनाने के लिए हमारे छात्रों में ज्ञान, कौशल और दृष्टीकोण प्रदान करने में उत्कृष्टता हासिल करके संस्था को अध्ययन क्षेत्र में सर्वोत्तम बनाना।

संस्थे की दूरदृष्टी:

आमच्या विद्यार्थ्यांना फार्मास्यूटिकल सायन्सेस मध्ये जागतिक स्तरावर सक्षम बनविण्यासाठी ज्ञान, कौशल्य आणि वृत्ती प्रदान करण्यात उत्कृष्टता प्राप्त करून संस्थेने शैक्षणिक क्षेत्रात सर्वोच्च स्थान प्राप्त करणे.

ध्येय:

1. छात्रों को गुणवत्तापूर्ण शिक्षा प्रदान करना और उन्हें सक्षम और कुशल पेशेवर बनाना।
2. वैश्विक मानकों के साथ तुलनात्मक शैक्षणिक नवाचारों को लागू करना।
3. सीखने की प्रक्रिया का एक अभिन्न अंग के रूप में अनुसंधान को बढ़ावा देना।
4. संबंधित हितधारकों के बीच विशिष्टता और विविधता को बढ़ावा देना।

ध्येय:

1. विद्यार्थ्यांना दर्जेदार शिक्षण देणे आणि त्यांना सक्षम व कुशल व्यावसायिक बनविणे.
2. जागतिक मानकांशी तुलनात्मक शैक्षणिक नवकल्पना राबविणे.
3. संशोधनाला शिक्षण प्रक्रियेचा अविभाज्य घटक म्हणून संलग्न करणे.
4. विविध सर्व संबंधित भागधारकांमध्ये सर्वसमावेशकता वाढविणे.

गुणवत्ता नीति:

हम हमारे संस्था में अपने छात्रों और कर्मचारीयों के बौद्धिक, व्यक्तिगत और व्यावसायिक विकास के लिए प्रतिबद्ध हैं। हमारा लक्ष फार्मास्यूटिकल साइंसेस के क्षेत्र में गुणवत्तापूर्ण फार्मसी शिक्षा प्रदान करना और नवाचारों को बढ़ावा देना है।

गुणवत्ता धोरण:

या शैक्षणिक संस्थेमध्ये आमच्या विद्यार्थी आणि कर्मचाऱ्यांना बौद्धिक, व्यक्तिगत आणि व्यावसायिक वाढीसाठी वचनबद्ध आहोत. आमचे ध्येय फार्मास्यूटिकल सायन्सच्या क्षेत्रात दर्जेदार फार्मसी शिक्षण देणे आणि नवकल्पनांना प्रोत्साहन देणे आहे.



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1.2 State the Program Educational Objectives (PEOs) (5)

Total Marks 5.00

Institute Marks : 5.00

PEO No.	Program Educational Objectives Statements
PEO1	To provide student graduates with solid foundation in Pharmacy knowledge which includes – possessing basic knowledge and comprehensive understanding of Profession of Pharmacy.
PEO2	To prepare student graduates for a successful career in Pharmacy Profession with effective planning skills, problem analyzing skills, leadership skills, research skills, presentation skills, communication skills and professional ethics.
PEO3	To train student graduates in learning, selecting, and applying appropriate methods, procedures and resources of modern tools in Pharmacy Profession.
PEO4	To inculcate in student graduates, ability to gain multidisciplinary knowledge through innovative projects, industrial training, industrial visits, visiting research institutions, health care communities, health promoters, employees and employers.
PEO5	To develop professional identity, understanding the need of life-long learning, environmental sustainability and sustainable development in student graduates.

1.3 Indicate where the Vision, Mission and PEOs are published and disseminated among stakeholders (15)

Total Marks 15.00

Institute Marks : 15.00

Vision, Mission and PEOs are published on DBCOPs website, displayed at all strategic locations in college campus including Principals chamber, reception area, IQAC room, staff room, all classrooms, library, laboratories, boys common room, girls common room, entrance of all corridors of the building, brochures, leaflets, advertisement material, student practical books, etc.



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1.4 State the process for defining the Vision & Mission and PEOs of the program

(10) Total Marks 10.00, Institute Marks : 10.00

Following process has been adopted to define Mission, Vision and PEOs of the program at Dadasaheb Balpande College of Pharmacy

Step I- Opinions were generated from internal and external stakeholders including students, staff, parents, alumni, industry representative, guest lecturers, etc through formal and informal feedback method.

Step II- Key words were generated after analysis of opinions.

Step III- Discussion was initiated to make a draft of Vision, Mission, PEOs in staff meeting. Step IV- Approval of draft in IQAC, Governing body and academic council.

Step V- Display of Vision, Mission, and PEOs in institutes website and other strategic locations in college.

1.5 Establish consistency of PEOs with Mission of the Institute (15)

Total Marks 15.00

Institute Marks : 15.00

PEO Statements	M1	M2	M3	M4
To provide student graduates with solid foundation in Pharmacy knowledge which includes – possessing basic knowledge and comprehensive understanding of Profession of Pharmacy.	3	3	1	2
To prepare student graduates for a successful career in Pharmacy Profession with effective planning skills, problem analyzing skills, leadership skills, research skills, presentation skills, communication skills and professional ethics.	3	3	2	3
To train student graduates in learning, selecting, and applying appropriate methods, procedures and resources of modern tools in Pharmacy Profession.	3	3	2	2
To inculcate in student graduates, ability to gain multidisciplinary knowledge through innovative projects, industrial training, industrial visits, visiting research institutions, health care communities, health promoters,	3	2	3	3



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employees and employers.				
To develop professional identity, understanding the need of life- long learning, environmental sustainability and sustainable development in student graduates.	3	1	1	2



2. PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (150) Total Marks 150.00

2.1. Program Curriculum (40) Total Marks 40.00

2.1.1 Delivery of Syllabus Contents and compliance of the curriculum for attainment of POs (10) Institute Marks: 10.00

Dadasaheb Balpande College of Pharmacy (DBCOP) is affiliated to RTMNU (Rashtrasant Tukdoji Maharaj Nagpur University) and recognized by PCI (Pharmacy Council of India). All courses B. Pharm (Bachelor of Pharmacy) and M. Pharm. (Masters in Pharmacy in Pharmaceutics and Quality Assurance) follows prescribed syllabus provided by RTMNU and PCI. As per regulations there are 8 semesters in B. Pharm course. Currently DBCOP follows two curriculums namely Credit Based System (CBS) and Credit Grade Based System (CGBS). CBS and CGBS were introduced by RTMNU and PCI in 2013-2014 and 2017-2018 respectively. Syllabus specifies subject list, duration of lecture and practical, examination scheme for theory, practical and end semester examination. As per CBS system the percentage of mark for end semester examination and internal examination is the 80% and 20% and for curriculum CGBS the percentage of marks for end semester examination and internal examination is 75% and 25% respectively. The pharmacy curriculum is designed to impart basic as well as advanced knowledge to Pharma graduates. The 100 % delivery of syllabus is ensured. The compliance of curriculum for attainment of CO and PO is being achieved by conventional and modern teaching aids such as multimedia, assignments, projects, audiovisual aids etc. The content of theory and laboratory experiment prescribed in curriculum is well defined. To ensure content clarification in theory courses, gaps were identified by faculty members and to meet CO, PO relevant teaching learning methods were attempted.

2.1.2 State the delivery details of the contents beyond the Syllabus for the attainment of POs (20) Institute Marks: 20.00

2019-20

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	No of students Present	Relevance to POs
1	COX-II Inhibitor	Covered in classroom training	17/04/2020	Kishor Danao, Assistant Professor	60	1,3,4,7
2	Anti HIV agent	Covered in classroom	01/02/2020	Kishor Danao, Assistant Professor	60	1,3,4,7,9



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		training				
3	Nasal mucoadhesive	Covered in classroom training	14/01/2020	Dr P. S. Gangane, Assistant Professor	54	1,3,4
4	Regulatory aspects	Covered in classroom training	31/12/2019	Dr P. S. Gangane, Assistant Professor	56	1,2,3,9
5	Preservatives	Covered in classroom training	13/09/2019	Dr P. S. Gangane, Assistant Professor	52	1,2,3,9
6	Hands-on training	Medical Store	17/08/2019	Mr. Dhiraj Agulwar Pharma Entrepreneur	51	1,3,4,6,7,9
7	Drug excipient	Covered in classroom training	21/06/2019	Dr P. S. Gangane, Assistant Professor	50	1,2,3

2018-19

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	No of students Present	Relevance to POs
1	Drug release mechanism	Seminar	05/03/2019	Dr P. S. Gangane, Assistant Professor	56	1,4,6
2	To form cyclodextrin	Laboratory Exp	30/10/2018	Rohini Kharwade, Assistant Professor	55	1,2,3

2017-18

S. No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	No of students Present	Relevance to POs
1	DoE to be included	Covered in classroom training	27/04/2018	Dr Nilesh Mahajan, Assistant Professor	42	1,3,4
2	Leachable and	Covered in classroom training	26/03/2018	Dr Nilesh Mahajan, Assistant Professor	44	1,3,4
3	Evaluation of P	Covered in classroom training	09/03/2018	Dr Nilesh Mahajan, Assistant Professor	45	1,3,4



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4	Separation of t	Demonstration	20/02/2018	Rohini Kharwade, Assistant Professor	50	1,3,4
5	Technology transfer	Covered in classroom training	12/12/2017	Dr Nilesh Mahajan, Assistant Professor	43	1,3,4
6	Handling of mi	Demonstration	09/09/2017	Rohini Kharwade, Assistant Professor	53	1,2,4

Adherence to Academic Calendar (10)

Institute Marks: 10.00

During the commencement of academic year, the academic calendar is prepared by Academic Monitoring Committee with an objective to plan the academic, co-curricular and extracurricular activities. The calendar specifies the number of working days. Schedule of internal theory and practical examinations, seminars, annual social gathering and sports is prepared. The schedule is subjected to change as per the university circular related to examination. The faculty members of respective subjects prepare the teaching plan for both theory and practical classes adhering to academic calendar.

Approved academic calendar and teaching plan is communicated to students. Execution of academic schedule is being monitored by Academic Monitoring Committee. 10 % deviation in the schedule is observed

2.2 Teaching-Learning Processes (110)

Total Marks 110.00

2.2.1 Initiatives in teaching and learning process (25)

Institute Marks: 25.00

Use of various instructional methods and pedagogical initiatives.

New pedagogical tools are adopted by faculty members in theory and practical to enhance the efficiency of teaching-learning process. Faculty members follow conventional method along with ICT based teaching. To support active learning and pedagogical innovations faculty members are trained through FDP program in ICT based techniques. The DBCOP faculties take lot of measures in teaching learning process and to make classroom interactive. Apart from chalk board method various multimedia aids such as power point, YouTube, animations are used. ICT techniques such as Google classroom, think-pair-share and flipped classroom are used regularly. Simulations, charts, models, specimens are used to improve the understanding, concept and mechanism as well as their relevance in industrial applications. To develop and nurture lifelong learning attitude assignments based on curriculum, survey and mini projects are allotted to students and evaluated. Guest lecture, industrial visit, seminars, conference are arranged in DBCOP to update knowledge of students as well as faculties



Impact

- Enhance student's engagement
- Motivate students for self-study
- Develops potential for deeper learning of the subject

Methodology to support weak students and encourage bright students

To help and solve difficulties in learning and personnel issue, teacher-guardian mentoring policy is adopted at DBCOP. Based on the results, interactions and observations, teacher identifies weak and bright students. The mentor/ teacher after identifying weak students, counsel them about their academic performances, internal marks and motivated them to study and guide them. These students performance are regularly monitored, recorded and communicated to their parents by faculties.

Bright students are identified by their academic performance. The effort of these students is recognized and acknowledged by honoring them in annual social gathering, displaying their names on notice board and in college magazine. To nurture scientific temper and upgrade their knowledge they are motivated to participate in various intercollegiate and intercollegiate competitions, conference, seminar and training program. The DBCOP provides special scholarship, fees waiver, library facility to economically backward bright students.

Impact

Weaker students

- Become goal oriented toward an academic task
- Increase self-efficacy for learning and performance
- Decrease examination anxiety
- Secure good marks in examination

Bright students are

Excelled in the university examination and national level competitive examination (GPAT/CAT/MAT/CET) and admitted to institutes of repute for higher education

Academic year	No. of University Rankers	No. of Student Qualified GPAT	Admitted to M. Pharm. /M. Tech in Reputed Institutes	Admitted to M.B.A. in Reputed Institutes
2016-2017	01	2	6	2
2017-2018	01	9	9	2
2018-2019	01	5	9	3
2019-2020	01	10	10	6



Quality of classroom teaching

Teaching at DBCOP is a blend of conventional and modern methods. Faculties are strictly bound to follow schedule as displayed in time table and accordance with their academic plan. Teacher is a facilitator of learning to students to make them active learner. To improve quality of classroom teaching faculties are also motivated to undergo FDP, QIP and learning program like NPTEL & MOOC. The academic monitoring committee regularly monitors the adherence of schedule through verbal interaction by students and faculties.

Impact

- Students are engaged in classroom
- Enhance critical thinking ability of students
- Students are actively participated in classroom activities

Conduct of experiments/ Continuous assessment in laboratory

All laboratory experiments are conducted as per the prescribe curriculum. Laboratory orientation program for first year students is taken to make them aware about use and handling of chemicals and equipment. Various safety measures are placed at each laboratory and students are instructed to wear gloves, mask and aprons while performing the experiments. Students' progress is continuously evaluated by attendance, performance and viva-voce. The practical record/manuals are regularly checked after each experiment as practical record has weightage for internal assessment of marks.

Impact

Regularities in conduct of experiments and continuous assessment provide immediate and repeated feedback to the student about their academic progress.

Student feedback on teaching- learning process and action taken

Regular feedback is taken from students in each semester by Principal and these feedbacks are evaluated and further communicated to faculty members to improve their proficiency in teaching.

Impact

It improves teaching performance of faculty and also helps teachers to judge their own strengths and weaknesses. Faculties understand the student need and expectations.

2.2.2 Quality of internal semester question papers, assignments and evaluation (10)

Institute Marks: 10.00

As per CBS syllabus the percentage of marks for internal examination is 20% and for CGBS it is 25%. Internal examinations are conducted as per prescribed scheme of examination given in syllabus. College examination committee prepared guidelines for smooth conduct of examination. According to guidelines question papers of internal examination are designed by



subject experts using Blooms Taxonomy. Questions are mapped with course outcomes and send to examination section through examination department email. These papers are moderated by examination department in consultation with head of respective departments. As a part of the continuous evaluation system for internal examination, quizzes, assignments, tests for each course have been conducted taking course outcome into the consideration. Assignments are given to students

with the aim to promote their self-learning capacity. Theory /practical answer papers, assignments and quizzes are evaluated by individual subject experts. Faculties discusses the problems associated with internal assessments with students and solve them in timely manner.

Impact

- Maintained transparency in examination
- Achieved COs to POs Mapping
- Students become regular in their studies as assignments are time bound
- Increase self-learning capacity of students

2.2.3 Quality of Students projects (15)

Institute Marks: 15.00

As a part of curriculum, B. Pharm final year (semester VIII) students undertake a mini project individually or in group and submit a study report. While selecting topic of the project, safety of environment, ethics and standards are taken into consideration. Guides are allocated to student by lottery system. The type of projects is given to students based on research as well as review. The purpose of project work is to inculcate critical thinking, research skills, planning ability and time management. The progress of project is assessed by their respective guide regularly. On completion of work, students needs to submit the report. Furthermore, internal assessment of projects is scheduled and oral presentation are evaluated by applying rubrics on criteria such as scientific content, recent update about the topic, presentation skill and defense. The students are then encouraged to present their project at conference, seminar and publish their work in scientific journals.

Academic Year	Name of Student	Name of Guide with designation	Project Title/ Title of Paper	Type of Project (Research/ Review)	Relevance to POs	Outcome (Presentation and Publication)
2017-2018	Mr.Kaustubh Trivedi and Ms. Rutika Geed	Rohini Kharwade	Formulation and evaluation of gastroretentive floating tablet using <i>Hibiscus rosa-sinensis</i> mucilage.	Research	1,2,3, 4,5,6,7, 8,9,10, 11	Presented in IPC 2017



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	Mr. Chetan Khade	Rohini Kharwade	Formulation and evaluation of topical gels of diclofenac sodium using tamarind seed gum.	Research	1,2,3, 4,5,6,7, 8,9,10, 11	Presented in IPC 2017
2018-19	Ms. Rutuja Meshram	Rohini kharwade	3D printing technology: A new era in medicine	Review	1,2,3, 4,5,6,7, 8,9,10, 11	Published 2018
	Ms. Shama Gajbhiye	Mr. K. R. Danao	Mini review: Chalcone derivatives as Antimalarial agent	Review	1,2,3, 4,5,6,7, 8,9,10, 11	Published, 2018
	Mr. Nikhil Ghatwai	Ms. Saloni Jain	Extraction and separation of eugenol by preparative TLC	Research	1,2,3, 4,5,6,7, 8,9,10, 11	Poster Presentation, 2019 Intercollegiate Science Exhibition (Winner)
2019-20	Mr. Kailash Jatwe	Mr. Kishor R. Danao	Immunotherapy on Neurodegenerative Diseases	Review	1,2,3, 4,5,6,7, 8,9,10, 11	Published, 2019
	Mr. Nishab Khushwah	Mr. Sachin More	Design and Validation of Elevated Linear Maze Apparatus for Pharmacological Behavioural Screening	Research	1,2,3, 4,5,6,7, 8,9,10, 11	Working model at Aviskar-2019(RTM NUNagpur)
	Mr. Akash Gujar	Mr. Kishor R. Danao	Benzotriazole, its derivatives and antibacterial activity: An overview	Review	1,2,3, 4,5,6,7, 8,9,10, 11	Published, 2020
	Ms. Ashwini Chandewar	Mrs. Monali N. Dumore	Phytochemical screening and antimicrobial investigation of <i>Allium sativum</i>	Research	1,2,3, 4,5,6,7, 8,9,10, 11	Published, 2020



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	Ms. Ankita J. Gaidhane	Mrs. Monali N. Dumore	Phytochemical screening and antimicrobial Investigation of <i>Murraya koenigii</i>	Research	1,2,3, 4,5,6,7, 8,9,10, 11	Published 2020
	Mr. Sawan Rathod	Dr. Vinod M. Thakare	Pharmacognostic and phytochemical evaluation of <i>Blepharis repens</i>	Research	1,2,3, 4,5,6,7, 8,9,10, 11	Published 2020
	Mr. Sujit A. Rathod	Dr. Vidhya P. Sabale	Formulation and comparative evaluation of cosmetic cream using rice bran wax	Research	1,2,3, 4,5,6,7, 8,9,10, 11	Published 2020
	Mr. Prajwal Kohadkar	Mr. Kishor R. Danao	A Bird's Eye View on Pharmacotherapeutic Progress of Indolizine-based Compounds in Context to Modern Scenario	Review	1,2,3, 4,5,6,7, 8,9,10, 11	Published, 2020
	Ms. Mayuri . S. Pawar and Gayatri. K. Titarmare	Ms. V. S. Rabade	Formulation and Evaluation of Polyherbal Cold Cream	Research	1,2,3, 4,5,6,7, 8,9,10, 11	Published 2020
	Ms. Shaily A. Bramhankar and Sheetal R. Kamble	Ms. V. S. Rabade	Formulation and evaluation of herbal gel	Research	1,2,3, 4,5,6,7, 8,9,10, 11	Published 2020
	Ms. Harshada N. Jadhav	Ms. S. S. Kale	Importance of nanotechnology and its innovation in pharmacy: a short review	Review	1,2,3, 4,5,6,7, 8,9,10, 11	Published 2020
	Mr. Yash Jaiswal & Akash	Ms. R.S. Jaiswal	A Review Study of Various	Review	1,2,3,	Published 2020



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	Gajbhiye		Pharmacological Activity of Tridax procumbens Linn Plant.		4,5,6,7, 8,9,10, 11	
	Ms. Mayuri Hadge and Ms. Dhiraj Dhonge	Mrs. V. V. Rokade	Synthesis and antimicrobial Evaluation of thiazole derivative.	Research	1,2,3, 4,5,6,7, 8,9,10, 11	Published 2020
	Ms. Abhishweta Wagh	Mrs. V. V. Rokade	Progressive Insights into the antiparalytic activity of extraordinary medicinal plants in modern therapeutics.	Review	1,2,3, 4,5,6,7, 8,9,10, 11	Published 2020
	Shubhangi N. Pillwan, Neha D. Thool, Shubhangi H. Chopkar, Snehal P. Mathankar	Dr. Shilpa A. Pise	To Study Extraction, Phytochemical Screening and Formulation from Stevia rebaudiana bertonii	Research	1,2,3, 4,5,6,7, 8,9,10, 11	Published 2020
	Mr. Ajinkya Mate and Ms. Padmashri Ade	Ms. R. S. Kharwade	Formulation and Evaluation of Polyherbal gel for the management of Acne	Research	1,2,3, 4,5,6,7, 8,9,10, 11	Published 2021
	Ms. Pooja Malghade	Kishor R. Danao	Progressive Insights into the Pharmacological Importance of Isoquinoline Derivatives in Modern Therapeutics	Review	1,2,3, 4,5,6,7, 8,9,10, 11	Published 2021



2.2.4 Initiatives related to Industry and/or Hospital interaction (20) Institute Marks: 20.00

Institute has appointed adjunct/visiting faculty from industry who is actively involved in interacting UG and PG students to address the gap between the industry and academia. Various community activities such as Swatch Bharat Abhiyan, Blood donation camp, awareness rally on Dengue is successfully executed in collaboration with hospitals. Students visited to hospital to see the working of hospitals.

Impact

- Exposure and increase in understanding of diverse perspective of industrial practice and hospital working.
- Developed sense of social responsibility among the students

Sr. No.	Name of adjunct/Visiting Faculty	Nature of Collaboration	Activities conducted
1.	Dr. Jignesh Doshi, Managing Director, Mapni Healthcare, P.No. 33,34, Sector B, AKVN Boregaon, Chhindwada	Collaborative research and Educational activities	Training sessions for UG and PG students conducted

2.2.5 Initiatives related to skill Development programs/industry internship/summer training (10) Institute Marks: 10.00

Soft skill and personality development programs, career guidance program, guest lectures, seminars/workshops are regularly organized. In academic year 2019-20, 8 weeks Communication Skill and Campus Recruitment Training (CRT) workshop was organized for B. Pharm. final year students to make them acquainted with the industrial recruitment requirements. These initiatives are undertaken to improve their soft skills and employability skills and also help students to understand industrial opportunities. As a part of curriculum, third year and final year students undergoes industrial training every year, which gives them an opportunity to relate their theoretical concepts with industrial practice. College facilitates placement drives for the final year B.Pharm students either on campus or off campus on recommendation basis.

College organizes 'Advance analytical equipment handling course' as a part of summer training program for enhancing the skill of handling sophisticated instruments. Recently, college has introduced Certificate Course on 'Elevating ethical practices in pharmacy profession to imbibe ethical and professional standards among the students. The regular feedback of every program is taken as a part of assessment are recognized for future improvement.



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Details of Industrial Visit

S.N.	Academic Year	Name of Industry	No. of Students
1.	2017-2018	Oniosomes Pvt. Ltd. Mohali	34
2.	2018-2019	BDA Pharma Pvt. Ltd. Parshivani	65
3.	2019-2020	Soft gel healthcare Pvt.	17

Details of Industrial Training

S.N.	Academic Year	Student Class	No. of Students
1.	2017-2018	B.Pharm Final year	54
2.	2018-2019	B.Pharm Final year	65
3.	2019-2020	B.Pharm Final year	59

Details of Hospital Collaborative works

Academic Year	Name of Hospital	Date	Activity	No. of Students
2017-18	Indira Gandhi Government Medical College and Hospital, Nagpur	09/07/2017	Swatchh Bharat Abhiyaan	210
	Wockhardt Hospital, Nagpur	02/10/2017	Health Check-up Camp	200
2018-19	Jeevan Jyoti Blood Bank, Nagpur	22/09/ 2018	Blood Donation camp	24
	Shree & shri Ram Child & Family Homoeo care Clinic, Nagpur	29/09/ 2018	Health Check-up Camp	220
2019-20	Krims Hospital, Nagpur	11/01/2020	Health Check-up Camp	200
	Jivan Jyoti Blood Bank, Nagpur	11/01/2020	Blood Donation camp	34

2.2.6 Continuous Evaluation Process (10)

Institute Marks: 10.00

A regular record of academic activities such as details of attendance, adherence of academic plan as well as teaching plan of both theory and practical, internal assessment records are maintained by the teaching staff of respective courses. Academic monitoring committee coordinator reviews the progress of class and resolves the problem of concern curriculum, course, and schedule of internal examination.

As per CGBS curriculum, scheme for awarding internal assessment for continuous mode is shown in table.



For Theory	Marks
Attendance	4
Academic activity (average of quiz, assignment, open book test, group discussion)	3
Student- teacher interaction	3
Total	10
For Practical	Marks
Attendance	2
Based on practical records, regular viva-voce	3
Total	5

2.2.7 Quality of Experiments (20)

The laboratories are equipped with basic as well as sophisticated analytical instruments necessary for conducting the experiments as per curriculum designed by university. Simulation experiments are conducted regularly using established software for various courses. All laboratories are spacious with necessary infrastructure and facilities as per PCI norms.

To develop affective domain, cognitive and psychomotor skills, better student-faculty interaction, experiments are conducted with 20-22 batch size. Students are well trained for handling of chemicals, instruments and safe disposal of chemicals. Standard operating procedures of all equipments are being placed in the laboratories and explained to students during its handling. Activity log book of equipment handling are maintained. Central instrument room is equipped with sophisticated instruments which are regularly maintained with AMC.

Impact

- Students are acquainted to modern tools usages
- Improves the quality and design of experiments.
- Improves instrumentation handling skills



3. Course Outcomes (COs) and Program Outcomes (POs) (100)

3.1. Establish the correlation between the courses and the Program Outcomes (20)

(NBA defined Program Outcomes as mentioned in Annexure I)

Course Outcomes (SAR should include course outcomes of one course from each semester of study, however, should be prepared for all courses) (05)

Note: Number of Outcomes for a Course is expected to be around 6.

Course Name: Ciii Year of Study: 2016– 20

3.1.1. Course Outcomes (SAR should include course out-comes of one course from each semester of study, however, should be prepared for all courses.

Course : PHARMACETICS-I(GENERAL AND DISPENSING) - [C101]	
Year 2016-17	Semester-I
CO1	To understand the concept of pharmacy. introduction to various pharmacopoeias, status of pharma industry in India
CO2	To study various pharmacological terms, understand the concept of dosage form and its need, various routes of drug administration.
CO3	To study prescription and its parts, handling of prescription, concept of containers and closures.
CO4	To study the concept of posology, its meaning, dose calculation with reference to ageing.
CO5	Introduction to various liquid, semisolid dosage form, its labeling and storage.



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Course : PHARMACEUTICAL CHEMISTRY-II (ORGANIC) - [C108]	
Year 2016-17 Semester-II	
CO1	To understand the concept of electronic configuration, hybridization, electro negativity, various bonds, sources and properties of molecules.
CO2	To learn various methods of detection and estimation of elements, formulae, nomenclature and uses of various compounds.
CO3	To study the concept of isomerism, various projections, configurations, strain theory.
CO4	To explore the concept of chemical reactions, functional groups, types of reaction.

Course : PHARMACEUTICAL CHEMISTRY III (ORGANIC) - [C202]	
Year 2016-17 Semester-III	
CO1	To explain method of preparation, reactions, mechanism of reactions of alkanes, alkynes, cycloalkanes, alkyl halide.
CO2	Illustrate the preparation and reaction, mechanism, of aldehydes, ketones, aliphatic and aromatic amines
CO3	Explain preparation and synthetic application of organic metallic compound and illustrate chemistry of aromatic hydrocarbons and electrophilic aromatic substitution.
CO4	Outline and contrast the method of preparation and reactions of phenols, carboxylic acids and their derivatives



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Course : Pharmacology-II - [C210]		Year 2017-18	Semester-IV
CO1	To learn and understand mechanism of drug action and its relevance in the treatment of CVS disorder		
CO2	To learn and understand mechanism of drug action and its relevance in the treatment of urinary system associated disorders.		
CO3	To learn and understand basic concept of autacoids and related drugs associated disorders.		
CO4	To learn and understand mechanism of drug action and its relevance in the treatment of haemopoetic system and associated disorders.		

Course : Pharmaceutical medicinal Chemistry I - [C302]		Year 2018-19	Semester-V
CO1	Extend the basic principle of medicinal chemistry and relate the stereochemistry, pharmacology, synthesis, structure activity relationship of non steroidal anti-inflammatory drugs, prostaglandin and narcotic drugs		
CO2	Illustrate the mechanism of drug metabolisms and summaries medicinal drug of local anesthesia, general anesthesia and sedative-hypnotic drugs		
CO3	Explain the concept of prodrug and relate the chemistry of oral hypoglycemic agent and antihisthmatic agent		
CO4	Outline the medicinal chemistry of antihistamine drug, anti-alzheimer and anti parkinsonisms drug		



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Course : Pharmacology IV - [C309] Year 2018-19		Semester-V
CO1	Explain the concept of hormonal regulation, hormonal disturbances, outline the management in detail through drug therapy.	
CO2	Illustrate the mechanism of bacterial, viral and fungal infection with associated diseases and to extend the treatment through antimicrobial drug therapy.	
CO3	Outline the process and pharmacotherapy of parasite, helminths infection and cancer and to summarize efficacy of immunomodulators in various pathological conditions.	
CO4	Explain the concept of clinical trials, its design, ethics, and role of regulatory authorities extend its utility in clinical research	

Course : Pharmaceutics(DFT-I) - [C401]Year 2019-20		Semester-VII
CO1	Explain the fundamentals of preformulation parameters like physico-chemical properties of drugs and excipients and interpret its application in formulation of stable and effective dosage form.	
CO2	Outline the formulation and evaluation aspects of tablet and capsules. Relate the processing and coating defects of tablets with manufacturing process and additives used in its formulation.	
CO3	Explain the formulation and evaluation aspects of ointments, suppositories and cosmetics. Outline the structure and function of skin and hair.	
CO4	Summarize the sterile dosage form including its types, formulation, compounding, processing, and manufacturing. Explain its quality control tests, different excipients in formulation of SVPS, LVPS and relate it with the stability of product.	



Course : PHARMACEUTICAL ANALYSIS-IV (SPECTROSCOPY) - [C409]	
Year 2019-20 Semester-VIII	
CO1	Interpret auxochromic, chromophoric group from organic molecule and illustrate the components of UV spectrophotometer and summarize its quantitative and qualitative application.
CO2	Explain principle and working of ir and atomic absorption and emission spectrophotometer. Identify, relate various functional groups and ions from given spectrum.
CO3	Illustrate the various ion source and analyser in mass spectrometer. apply the concept of fragmentation pattern to interpret structure of organic molecule
CO4	Explain principle and instrumentation of NMR. Contrast the nature of proton by make use of NMR spectrum

3.1.2. CO-PO matrices of courses selected in 3.1.1 (four matrices to be mentioned; one per semester from 1st to 8th semester; at least one per year (5))

Course : PHARMACETICS-I(GENERAL AND DISPENSING) - [C101]											
Year 2016-17 Semester-I											
CO	1	2	3	4	5	6	7	8	9	10	11
CO1	3	2	2	2	1	2	1	1	1	1	1
CO2	3	2	2	2	1	1	1	1	1	1	1
CO3	3	2	2	2	1	1	1	1	1	1	1
CO4	3	2	2	2	1	1	1	1	1	1	1
CO5	3	2	2	2	1	1	1	1	1	1	1
Avg	3	2	2	2	1	1.2	1	1	1	1	1



Course : PHARMACEUTICAL CHEMISTRY-II (ORGANIC) - [C108]

Year 2016-17

Semester-II

CO	1	2	3	4	5	6	7	8	9	10	11
CO1	2	2	1	2	3	1	1	2	1	1	1
CO2	2	2	2	1	2	1	2	2	2	2	2
CO3	2	1	2	1	2	1	1	2	1	2	2
CO4	2	1	1	2	2	1	1	1	1	2	1
Avg	2	1.5	1.5	1.5	2.25	1	1.25	1.75	1.25	1.75	2

Course : PHARMACEUTICAL CHEMISTRY III (ORGANIC) - [C202]

Year 2017-18 Semester-III

CO	1	2	3	4	5	6	7	8	9	10	11
CO1	3	2	1	1	1	2	1	1	1	2	2
CO2	3	2	1	1	1	2	1	1	1	2	2
CO3	3	2	2	1	1	1	1	1	1	2	1
CO4	3	2	2	1	1	1	1	1	1	2	2
Avg	3	2	1.5	1	1	1.5	1	1	1	2	1.75



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Course : PHARMACOLOGY-II – [C210] Year 2017-18										Semester-IV	
CO	1	2	3	4	5	6	7	8	9	10	11
CO1	3	1	1	1	1	3	1	2	3	1	3
CO2	3	2	1	2	2	3	1	1	3	2	3
CO3	3	2	1	2	1	3	1	1	3	1	3
CO4	3	1	1	1	1	3	1	2	3	1	3
Avg	3	1.5	1	1.5	1.25	3	1	1.5	3	1.25	3

Course : PHARMACEUTICAL MEDICINAL CHEMISTRY I – [C302]										Year 2018-19 Semester-V	
CO	1	2	3	4	5	6	7	8	9	10	11
CO1	3	2	2	1	1	1	1	1	2	1	2
CO2	3	2	2	1	1	1	1	1	1	1	2
CO3	3	2	2	1	1	1	1	1	2	1	2
CO4	3	2	2	1	1	1	1	1	1	1	2
Avg	3	2	2	1	1	1	1	1	1.5	1	2



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Course : Pharmacology IV - [C309]						Year 2018-19					
Semester-VI											
CO	1	2	3	4	5	6	7	8	9	10	11
CO1	3	1	2	1	2	1	1	1	2	1	2
CO2	3	1	2	1	1	1	1	1	2	1	1
CO3	2	1	2	1	1	1	1	1	2	1	2
CO4	3	2	1	1	1	2	1	1	2	1	1
Avg	2.75	1.25	1.75	1	1.25	1.25	1	1	2	1	1.5

Course : Pharmaceutics(DFT-I) – [C401]							Year 2019-20				
Semester-VII											
CO	1	2	3	4	5	6	7	8	9	10	11
CO1	3	3	3	2	1	1	1	1	1	1	1
CO2	3	3	2	1	1	1	1	1	1	1	1
CO3	3	3	2	1	1	1	1	1	1	1	1
CO4	3	3	2	2	1	1	1	1	1	1	1
Avg	3	3	2.25	1.5	1	1	1	1	1	1	1



Course : PHARMACEUTICAL ANALYSIS-IV (SPECTROSCOPY) – [C409]											
Year 2019-20						Semester-VIII					
CO	1	2	3	4	5	6	7	8	9	10	11
CO1	3	2	2	2	1	1	1	1	1	1	2
CO2	3	2	2	2	1	1	1	1	1	1	2
CO3	3	2	2	2	1	1	1	1	1	1	1
CO4	3	2	2	2	1	1	1	1	1	1	2
Avg	3	2	2	2	1	1	1	1	1	1	1.75

3.1.3 Course-PO matrix of courses for all four years of study (10)

Course	1	2	3	4	5	6	7	8	9	10	11
C401	3.00	3.00	2.25	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C402	3.00	2.00	2.00	1.00	1.00	1.33	1.00	1.00	1.67	1.00	2.00
C403	3.00	2.25	1.50	1.50	1.25	1.00	1.00	1.00	1.00	1.00	1.00
C406	3.00	2.00	1.75	1.25	1.00	1.00	1.25	1.75	2.00	2.00	1.75
C404	3.00	2.00	2.00	1.00	1.00	2.00	1.50	2.00	1.00	1.00	2.00
P401	3.00	3.00	3.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00
P402	3.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00
P403	3.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00



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P404	3.00	2.00	2.00	1.67	1.00	2.00	1.00	1.00	2.00	1.00	2.00
P405	3.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	2.00	1.67
C407	3.00	2.00	2.00	1.75	1.00	1.00	1.00	1.00	1.00	1.00	2.00
P407	3.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00
C408	3.00	2.00	1.50	2.00	1.00	1.00	1.25	1.25	1.00	1.00	1.75
P408	3.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.50	2.00
C409	3.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.75
P409	3.00	1.67	2.00	2.67	1.00	1.00	1.00	1.00	1.00	1.33	1.67
C410	3.00	1.75	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.25	2.00
P410	3.00	2.00	2.00	2.00	1.00	1.00	2.00	1.00	2.00	1.00	2.00
C411	3.00	1.50	2.00	1.00	1.25	1.00	1.00	1.00	2.00	1.25	1.50
C307	2.40	2.40	2.20	1.60	1.00	1.00	1.20	1.00	1.00	1.20	1.60
C412	3.00	1.75	1.75	2.00	1.00	1.00	1.00	1.00	1.25	1.00	1.75
C308	3.00	2.00	2.00	1.00	1.00	1.75	1.00	1.00	1.00	1.00	2.00
P413	3.00	2.00	2.00	3.00	2.00	2.00	2.00	2.00	2.00	1.00	3.00
C309	2.75	1.25	1.75	1.00	1.25	1.25	1.00	1.00	2.00	1.00	1.50
C310	2.60	1.60	1.40	1.60	1.00	1.40	1.60	1.40	1.00	1.00	1.20
P307	3.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00
C311	3.00	1.33	2.00	1.00	1.00	1.67	1.83	1.50	2.00	1.00	1.67
C312	3.00	2.00	2.00	1.00	1.00	1.00	1.33	1.67	1.00	1.33	1.33
P308	3.00	2.00	2.00	2.00	1.00	1.50	1.00	1.00	2.00	1.00	2.00
P309	3.00	2.00	2.00	2.00	1.00	2.00	1.00	1.50	2.00	1.00	2.00
P310	3.00	2.00	1.67	2.00	1.00	1.33	1.00	1.00	1.33	1.00	2.00



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P311	3.00	3.00	3.00	2.00	1.00	2.33	1.33	1.67	2.67	1.00	2.33
C301	2.20	2.00	1.80	2.00	1.00	1.00	1.00	1.00	1.80	1.40	1.80
C207	2.40	2.00	2.20	2.00	2.00	1.60	1.60	1.60	2.20	2.00	2.60
C302	3.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.50	1.00	2.00
C209	3.00	2.00	1.80	1.60	1.60	1.60	1.20	1.40	1.80	1.60	1.60
C303	3.00	2.25	2.00	1.25	1.00	2.00	2.00	2.00	2.00	1.00	3.00
C304	3.00	2.00	2.00	2.00	1.20	1.60	1.00	1.40	1.40	1.60	1.60
C305	2.50	1.67	2.00	1.67	1.33	2.00	2.00	1.83	1.83	1.33	1.50
C101	3.00	2.00	2.00	2.00	1.00	1.20	1.00	1.00	1.00	1.00	1.00
C306	2.00	1.80	1.20	1.60	1.20	2.00	2.00	1.60	1.20	1.00	1.40
P301	2.00	2.00	1.80	1.60	1.00	1.20	1.00	1.00	1.00	1.00	1.80
C102	3.00	1.60	2.20	2.00	1.80	2.00	1.20	1.00	1.60	1.60	1.00
P302	3.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	2.00	1.50	2.00
C103	2.00	2.00	3.00	1.00	1.00	2.00	1.00	2.00	2.00	3.00	1.00
C104	1.60	1.60	1.60	1.60	1.60	1.60	1.80	1.80	1.60	1.80	1.80
P303	3.00	2.00	2.00	2.00	1.00	2.00	1.00	1.00	1.00	1.00	2.00
C208	3.00	1.00	2.00	3.00	1.00	1.00	1.00	1.00	1.40	2.00	1.40
C106	2.75	2.25	2.25	2.00	1.50	2.25	2.50	2.25	2.50	1.00	2.50
P304	3.00	1.75	2.00	1.50	1.00	1.00	1.00	1.00	1.00	1.50	1.25
C210	3.00	1.50	1.00	1.50	1.25	3.00	1.00	1.50	3.00	1.25	3.00
P305	2.67	2.00	1.67	1.67	1.33	2.00	1.33	1.00	2.00	1.67	1.67
C211	2.40	2.00	2.00	2.00	1.40	1.80	1.60	1.00	2.00	1.40	1.40
C105	3.00	1.80	2.00	1.80	1.40	1.80	2.00	2.20	2.00	2.00	2.40



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C212	2.50	2.25	2.00	1.00	2.50	2.25	2.50	2.25	2.00	1.00	2.25
P101	3.00	3.00	3.00	3.00	2.00	1.00	1.00	1.00	2.00	1.00	1.00
P102	3.00	3.00	3.00	3.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
P207	2.50	2.50	2.50	1.50	1.50	2.00	2.50	2.00	1.50	2.00	2.00
C201	2.00	1.80	2.20	1.80	1.60	1.40	1.20	2.40	1.80	1.60	2.60
P103	3.00	3.00	2.00	2.00	1.00	2.00	2.00	2.00	2.00	2.00	2.00
C202	3.00	2.00	1.50	1.00	1.00	1.50	1.00	1.00	1.00	2.00	1.75
P208	3.00	2.67	3.00	3.00	1.33	1.00	1.00	1.00	1.00	1.00	1.00
P104	3.00	2.25	2.75	2.00	2.00	2.00	2.00	2.00	3.00	2.00	2.00
C203	2.25	2.00	2.00	2.00	2.50	2.25	2.00	1.00	1.50	2.00	2.00
P105	3.00	2.50	2.00	1.00	1.00	1.00	2.50	2.00	1.50	2.50	3.00
P209	3.00	2.00	3.00	3.00	1.00	2.00	3.00	1.00	2.00	3.00	2.00
C204	2.00	1.67	2.17	2.17	2.50	1.50	2.00	2.17	2.17	2.00	2.00
C107	3.00	2.00	2.25	2.00	1.00	1.25	1.00	1.00	1.00	1.50	1.25
C205	2.00	1.50	1.00	1.00	1.00	1.00	1.00	1.75	1.75	1.50	1.25
P210	2.83	2.00	1.00	2.00	1.00	1.00	2.00	2.00	2.00	1.00	2.00
P211	3.00	2.25	2.00	1.75	2.00	2.00	1.00	1.75	2.00	1.25	1.00
C206	3.00	2.20	1.80	1.20	1.80	1.80	2.80	2.00	1.60	1.60	1.40
C108	2.00	1.50	1.50	1.50	2.25	1.00	1.25	1.75	1.25	1.75	1.50
C109	3.00	2.00	1.00	1.00	1.00	2.00	1.00	2.00	1.00	1.00	2.00
P201	2.00	2.50	2.00	3.00	1.00	2.00	2.00	2.00	1.50	1.50	2.00
C110	3.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	1.67
C111	3.00	2.00	1.67	1.67	1.00	3.00	1.00	1.00	1.00	1.00	1.00



P202	3.00	2.00	1.00	2.00	1.00	1.00	1.00	1.00	2.00	1.00	2.00
P108	2.80	2.20	2.00	2.40	1.20	2.00	2.00	1.80	1.60	2.60	2.80
C112	3.00	1.00	2.00	3.00	1.00	1.00	1.00	1.75	1.75	1.75	2.00
P203	2.00	3.00	2.00	2.00	3.00	2.00	2.00	2.00	3.00	1.00	2.00
P109	3.00	3.00	3.00	2.00	1.00	2.00	2.00	2.33	2.00	1.00	3.00
P111	3.00	3.00	2.67	3.00	1.33	1.00	1.00	1.67	1.33	1.00	1.33
P204	3.00	2.00	2.00	1.00	2.00	1.00	2.00	1.00	1.00	1.00	2.00
P110	3.00	2.00	1.50	2.00	1.00	1.00	1.00	1.50	1.00	1.00	2.00
P205	1.50	1.25	1.25	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
C405	2.75	1.75	1.75	1.50	1.00	1.00	1.00	1.00	1.00	1.75	2.00
P107	3.00	3.00	3.00	2.00	2.00	2.00	3.00	1.00	2.00	2.00	1.00

3.2. Attainment of Course Outcomes (40)

3.2.1. Describe the assessment processes used to gather the data upon which the evaluation of Course Outcome is based (10)

Evaluation of course outcome is measured on the basis of following assessment process. Assessment process is divided in to two parts-

Internal assessment: Course outcomes are evaluated on the basis of internal class tests (Sessional examination) for theory as well as practical. This comprises 20 % of direct assessment. Two class tests are taken in every semester. Average of marks obtained in two Sessional examinations is communicated to University. It is expected that every CO is covered in class tests which is then assessed as outcome.

University Semester End Examination: At the end of semester, University conducts Semester End examination for theory and practical. This comprises 80% of direct assessment. University examination consists of descriptive questions.

Attainment level for each course is set considering average percentage marks obtained by students.



3.2.2 Record the attainment of Course Outcomes of all courses with respect to set attainment levels (30)

Course Name	Course Code	Internal Target	University Target	Internal Attainment level	University Attainment level	Total Attainment Level
PHARMACEUTICAL BIOCHEMISTRY	P104	60	60	0.50	2.40	2.90
PHARMACEUTICS-I(GENERAL AND DISPENSING)[PRACTICAL]	P101	60	55	0.50	2.40	2.90
PHARMACEUTICS-I(GENERAL AND DISPENSING)	C101	60	50	0.47	2.40	2.87
PHARMACEUTICAL CHEMISTRY-I(ORGANIC)[PRACTICAL]	P102	65	55	0.60	1.60	2.20
PHARMACEUTICAL BIOCHEMISTRY	C104	60	40	0.40	2.40	2.80
HOSPITAL PHARMACY	C106	60	35	0.35	0.80	1.15
PHARMACOGNOSY AND PHYTOCHEMISTRY-I(PRACTICAL)	P105	60	60	0.50	2.40	2.90
PHARMACEUTICAL CHEMISTRY-I(INORGANIC)	C102	60	45	0.47	1.60	2.07
HUMAN ANATOMY AND PHYSIOLOGY-I (PRACTICAL)	P103	60	55	0.47	2.40	2.87
HUMAN ANATOMY AND PHYSIOLOGY-I	C103	55	40	0.60	2.40	3.00



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PHARMACOGNOSY AND PHYTOCHEMISTRY-I	C105	60	50	0.56	2.40	2.96
PHARMACEUTICAL CHEMISTRY-II (ORGANIC) (PRACTICAL)	P108	62	60	0.20	2.40	2.60
PHARMACEUTICAL ANALYSIS-I (PRACTICAL)	P110	65	50	0.20	1.60	1.80
PHARMACEUTICAL CHEMISTRY-II (ORGANIC)	C108	65	45	0.40	1.60	2.00
PHARMACEUTICS-II (PRACTICAL)	P107	60	50	0.40	2.40	2.80
HUMAN ANATOMY AND PHYSIOLOGY-II (PRACTICAL)	P109	55	60	0.57	2.40	2.97
STATISTIC AND COMPUTER APPLICATION IN PHARMACY	C112	50	50	0.40	2.40	2.80
PHARMACOGNOSY AND PHYTOCHEMISTRY-II(PRACTICAL)	P111	70	65	0.40	2.40	2.80
PHARMACOGNOSY AND PHYTOCHEMISTRY-II	C111	60	50	0.50	2.40	2.90
HUMAN ANATOMY AND PHYSIOLOGY-II	C109	60	45	0.57	1.60	2.17
PHARMACEUTICS-II(GENERAL AND DISPENSING)	C107	60	45	0.55	2.40	2.95
PHARMACEUTICAL ANALYSIS-I	C110	55	50	0.38	1.60	1.98



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PATHOPHYSIOLOGY AND CLINICAL BIOCHEMISTRY	C203	65	40	0.56	2.40	2.96
PHARMACEUTICAL CHEMISTRY III (ORGANIC)	C202	65	45	0.53	2.40	2.93
PHARMACOLOGY I	C204	55	40	0.49	2.40	2.89
PATHOPHYSIOLOGY AND CLINICAL BIOCHEMISTRY (P)	P203	65	60	0.50	2.40	2.90
PHARMACEUTICAL CHEMISTRY III (ORGANIC) (P)	P202	60	50	0.60	2.40	3.00
PHARMACEUTICS III (P)	P201	70	60	0.50	2.40	2.90
PHARMACEUTICAL MICROBIOLOGY AND IMMUNOLOGY I (P)	P205	65	60	0.40	2.40	2.80
PHARMACEUTICAL JURISPRUDENCE AND ETHICS	C206	65	50	0.40	2.40	2.80
PHARMACOLOGY I (P)	P204	70	65	0.60	2.40	3.00
PHARMACEUTICAL MICROBIOLOGY AND IMMUNOLOGY I	C205	65	50	0.55	2.40	2.95
PHARMACEUTICS III	C201	70	50	0.53	2.40	2.93
PHARMACEUTICAL MICROBIOLOGY AND IMMUNOLOGY-II (PRACTICAL))	P211	70	70	0.60	2.40	3.00
PHARMACOLOGY-II (PRACTICAL)	P210	65	65	0.57	2.40	2.97



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PHARMACEUTICS-IV (UNIT OPERATIONS)	C207	55	45	0.40	2.40	2.80
PHARMACEUTICAL CHEMISTRY-IV (HETEROCYCLIC AND MACROMOLECULES)	C208	60	45	0.60	2.40	3.00
PHARMACEUTICAL ANALYSIS II	C209	70	45	0.50	2.40	2.90
PHARMACEUTICAL MANAGEMENT	C212	50	40	0.60	2.40	3.00
PHARMACEUTICAL MICROBIOLOGY AND IMMUNOLOGY-II	C211	65	48	0.43	1.60	2.03
PHARMACEUTICAL ANALYSIS-II (ELECTROANALYTICAL AND PHYSICAL METHODS) (PRACTICAL)	P209	70	70	0.50	2.40	2.90
PHARMACEUTICAL CHEMISTRY-IV (HETEROCYCLIC AND MACROMOLECULES) (PRACTICAL))	P208	65	60	0.60	2.40	3.00
PHARMACOLOGY-II	C210	65	35	0.35	1.60	1.95
PHARMACEUTICS-IV (UNIT OPERATIONS) (PRACTICAL))	P207	70	60	0.55	1.60	2.15
CLINICAL PHARMACY (P)	P305	70	65	0.50	1.60	2.10
REGULATORY AFFAIRS SND INTELLECTUAL PROPERTY RIGHT	C306	60	55	0.52	2.40	2.92
PHARMACOGNOSY AND PHYTOCHEMISTRY III	P304	60	55	0.60	2.40	3.00



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(P)						
PHARMACEUTICAL MEDICINAL CHEMISTRY I (P)	P302	55	50	0.50	2.40	2.90
CLINICAL PHARMACY	C305	65	45	0.57	2.40	2.97
PHARMACOLOGY III (PRACTICAL)	P303	60	45	0.50	2.40	2.90
PHARMACEUTICS V	P301	70	60	0.40	2.40	2.80
PHARMACEUTICAL MEDICINAL CHEMISTRY I	C302	70	50	0.44	2.40	2.84
PHARMACOLOGY III	C303	65	45	0.53	2.40	2.93
PHARMACEUTICS V (PHYSICAL PHARMACY))	C301	50	35	0.40	2.40	2.80
PHARMACOGNOSY AND PHYTOCHEMISTRY III	C304	55	40	0.57	2.40	2.97
PHARMACOLOGY IV (P)	P309	70	70	0.47	2.40	2.87
CLINICAL PHARMACOTHERAPEU TICS I (P)	P311	65	60	0.43	2.40	2.83
PHARMACEUTICAL VALIDATION	C312	65	55	0.48	2.40	2.88
PHARMACEUTICAL MEDICINAL CHEMISTRY II	C308	65	55	0.56	2.40	2.96
PHARMACOGNOSY AND PHYTOCHEMISTRY IV (RECENT ADVANCES IN	P310	65	70	0.60	1.60	2.20



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PHYTOCHEMISTRY) (P))						
PHARMACEUTICS-VI (PHYSICAL PHARMACY)	P307	65	55	0.60	1.60	2.20
PHARMACOLOGY IV	C309	60	50	0.48	2.40	2.88
PHARMACEUTICS VI (PHYSICAL PHARMACY)	C307	60	50	0.40	2.40	2.80
PHARMACOGNOSY AND PHYTOCHEMISTRY IV (RECENT ADVANCE IN PHYTOCHEMISTRY))	C310	70	60	0.56	1.60	2.16
CLINICAL PHARMACOTHERAPEU TICS I	C311	65	50	0.35	2.40	2.75
PHARMACEUTICAL MEDICINAL CHEMISTRY II (P)	P308	70	70	0.50	2.40	2.90
PHARMACEUTICS(DFT- I)	C401	75	55	0.56	1.60	2.16
PHARMACOGNOSY AND PHYTOCHEMISTRY V	C405	60	55	0.52	1.60	2.12
PHARMACEUTICAL MEDICINAL CHEMISTRY-III	C402	40	45	0.60	2.40	3.00
CLINICAL PHARMACOTHERAPEU TICS-II (PRACTICAL)	P404	60	70	0.60	2.40	3.00
PHARMACEUTICAL ANALYSIS-III (SEPARATION TECHNIQUES)	C403	65	60	0.50	2.40	2.90



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PHARMACEUTICS (DFT-I) (CONVENTIONAL)	P401	65	70	0.40	2.40	2.80
PHARMACEUTICAL MEDICINAL CHEMISTRY-III(P)	P402	65	70	0.53	1.60	2.13
CLINICAL PHARMACOTHERAPEUTICS-II	C404	65	50	0.47	2.40	2.87
PHARMACEUTICAL ANALYSIS-III (SEPARATION TECHNIQUES)(P)	P403	70	60	0.55	1.60	2.15
BIOPHARMACEUTICS AND PHARMACOKINETICS	C406	60	55	0.20	1.60	1.80
PHARMACOGNOSY AND PHYTOCHEMISTRY-V (PRACTICAL)	P405	68	70	0.40	2.40	2.80
PHARMACEUTICS (DFT-II) NDDS (PRACTICAL)	P407	70	60	0.60	2.40	3.00
PHARMACOGNOSY AND PHYTOCHEMISTRY-VI (INDUSTRIAL PHARMACOGNOSY) (PRACTICAL)	P410	65	75	0.60	2.40	3.00
PROJECT	P413	60	70	0.50	2.40	2.90
PHARMACEUTICAL BIOTECHNOLOGY AND MOLECULAR BIOLOGY	C408	65	65	0.52	2.40	2.92
PHARMACOVIGILANCE (DRUG SAFETY)	C411	65	70	0.20	2.40	2.60
PHARMACEUTICAL ANALYSIS-IV (SPECTROSCOPY)(PRAC	P409	70	75	0.60	2.40	3.00



TICAL)						
PHARMACOGNOSY AND PHYTOCHEMISTRY-VI (INDUSTRIAL PHARMACOGNOSY)	C410	60	80	0.57	2.40	2.97
PHARMACEUTICS (DFT-II) NDDS	C407	65	70	0.60	2.40	3.00
PHARMACEUTICAL ANALYSIS-IV (SPECTROSCOPY)	C409	60	80	0.55	2.40	2.95
PHARMACEUTICAL BIOTECHNOLOGY AND MOLECULAR BIOLOGY (PRACTICAL)	P408	60	60	0.60	2.40	3.00
INDUSTRIAL PHARMACY	C412	50	60	0.60	2.40	3.00

3.3. Attainment of Program Outcomes (40)

3.3.1. Describe assessment tools and processes used for assessing the attainment of each PO(10)

Assessment tools used for PO attainment

Direct Attainment Tools			
Assessing Tools	Aim	Frequency	Relevance to PO
Class test	To assess students' understanding of the concepts in course.	Two in each semester	All POs
University Semester End Examination	To evaluate students' knowledge and skills learnt during each semester study.	At end of semester	All POs
Indirect Attainment Tools			
Assessing Tools	Aim	Frequency	Relevance to PO
Program Exit	To review the contribution of the Program in the overall	After graduation of student	



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Survey	development of the graduates.		All POs
Co-curricular Activities	To assess professional development of students.	Regular activity as per academic calendar	1,2,3, 4,8,9,11
Extra-curricular Activities	To assess the overall personality development of students particularly in cultural aspects.	Regular activity as per academic calendar	2,3,5,6,7,8,9,11
Social (NSS) Activities	To assess the students' understanding of their responsibility towards the society by large.	Regular activity as per academic calendar	2,3,5,6,7,8,9,10,11
Student Projects	To evaluate students' skills regarding applicability of Pharmacy knowledge which he / She gained during graduation.	At final year of program	1,2,3,4,5,7,9,10,11
Industrial Visit	To examine the students' ability to relate class room studies to industrial scenario.	At third year of program	1,2,3,4,6,7,8,9,10,11
Student Council	To assess students' leadership and interpersonal skills	Once during the program	2,3,5,7,8,9,11
Employer Survey	To evaluate students' skills and ability to relate class room studies to industrial scenario	Once in a year	All POs
Alumni Survey	To assess the effectiveness of Program for the career development of the graduates	During alumni meet	All POs

PO attainment was calculated using following mechanism-

Level High (3) : Above 85 %

Level Medium (2) : 70-84.99 %

Level Low (1) : Below 70 %



3.3.2. Provide results of evaluation of each PO(30)

PO Attainment

Course Code	1	2	3	4	5	6	7	8	9	10	11
C101	2.45	1.87	1.87	1.87	1.30	1.40	1.30	1.30	1.30	1.30	1.30
C102	1.75	1.17	1.41	1.35	1.25	1.33	1.01	0.93	1.18	1.19	0.93
C103	1.95	1.95	2.55	1.35	1.35	1.95	1.35	1.95	1.95	2.55	1.35
C104	1.58	1.60	1.60	1.58	1.58	1.58	1.72	1.70	1.59	1.70	1.70
C105	1.84	1.32	1.40	1.32	1.14	1.32	1.40	1.48	1.40	1.40	1.59
C106	0.88	0.77	0.77	0.71	0.61	0.77	0.83	0.77	0.82	0.50	0.82
C107	1.83	1.40	1.50	1.40	0.97	1.08	0.97	0.97	0.97	1.18	1.08
C108	1.80	1.53	1.53	1.52	1.94	1.25	1.39	1.67	1.39	1.66	1.53
C109	1.84	1.41	0.98	0.98	0.98	1.41	0.98	1.41	0.98	0.98	1.41
C110	2.37	1.81	1.81	1.25	1.25	1.25	1.25	1.25	1.25	1.81	1.63
C111	1.78	1.36	1.22	1.22	0.94	1.78	0.94	0.94	0.94	0.94	0.94
C112	1.70	0.90	1.30	1.70	0.90	0.90	0.90	1.20	1.20	1.20	0.00
C201	1.93	1.80	2.04	1.80	1.68	1.56	1.44	2.16	1.80	1.68	2.28
C202	2.49	1.90	1.61	1.32	1.32	1.61	1.32	1.32	1.32	1.90	1.76
C203	2.08	1.93	1.93	1.93	2.23	2.08	1.93	1.34	1.64	1.93	1.93
C204	1.87	1.68	1.97	1.97	2.15	1.58	1.87	1.97	1.96	1.87	1.88
C205	1.93	1.63	1.34	1.34	1.34	1.34	1.34	1.78	1.78	1.63	1.49
C206	2.38	1.94	1.71	1.38	1.71	1.72	2.26	1.82	1.60	1.60	1.49



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C207	1.48	1.32	1.42	1.33	1.33	1.17	1.17	1.16	1.40	1.33	1.57
C208	1.84	0.97	1.40	1.84	0.97	0.97	0.97	0.97	1.15	1.40	1.15
C209	2.48	1.91	1.78	1.67	1.66	1.66	1.43	1.55	1.78	1.66	1.67
C210	2.34	1.51	1.24	1.51	1.37	2.34	1.24	1.52	2.34	1.37	2.34
C211	2.06	1.83	1.83	1.83	1.50	1.72	1.61	1.27	1.83	1.50	1.50
C212	1.65	1.54	1.43	0.99	1.65	1.54	1.65	1.54	1.43	0.99	1.54
C301	1.93	1.82	1.71	1.82	1.26	1.26	1.26	1.26	1.71	1.48	1.71
C302	1.76	1.35	1.35	0.93	0.93	0.93	0.93	0.93	1.14	0.93	1.35
C303	2.51	2.07	1.92	1.48	1.33	1.92	1.92	1.92	1.92	1.33	2.51
C304	2.52	1.92	1.92	1.92	1.45	1.68	1.33	1.57	1.57	1.68	1.68
C305	2.23	1.73	1.93	1.73	1.53	1.93	1.93	1.83	1.83	1.53	1.63
C306	1.90	1.78	1.43	1.67	1.43	1.90	1.90	1.67	1.43	1.31	1.54
C307	2.08	2.09	1.97	1.63	1.29	1.29	1.41	1.29	1.29	1.40	1.63
C308	1.85	1.41	1.41	0.98	0.98	1.30	0.98	0.98	0.98	0.98	1.41
C309	1.63	1.01	1.24	0.92	1.02	1.01	0.92	0.92	1.33	0.92	1.13
C310	2.30	1.70	1.58	1.70	1.34	1.58	1.70	1.58	1.34	1.34	1.46
C311	1.67	1.02	1.28	0.88	0.88	1.14	1.21	1.08	1.28	0.88	1.15
C312	2.47	1.89	1.89	1.31	1.31	1.31	1.50	1.69	1.31	1.51	1.50
C401	1.83	1.83	1.51	1.19	0.97	0.97	0.97	0.97	0.97	0.97	0.97
C402	2.55	1.95	1.95	1.35	1.35	1.55	1.35	1.35	1.75	1.35	1.95
C403	2.47	2.03	1.59	1.59	1.45	1.31	1.31	1.31	1.31	1.31	1.31
C404	1.74	1.33	1.33	0.92	0.92	1.33	1.13	1.33	0.92	0.92	1.33
c405	1.68	1.26	1.25	1.16	0.94	0.94	0.94	0.94	0.94	1.26	1.36



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C406	1.57	1.20	1.11	0.92	0.83	0.83	0.92	1.11	1.20	1.20	1.10
C407	2.55	1.95	1.95	1.80	1.35	1.35	1.35	1.35	1.35	1.35	1.95
C408	2.46	1.88	1.58	1.88	1.30	1.30	1.45	1.43	1.30	1.30	1.73
C409	2.51	1.92	1.92	1.92	1.33	1.33	1.33	1.33	1.33	1.33	1.77
C410	2.53	1.78	1.93	1.93	1.34	1.34	1.34	1.34	1.34	1.48	1.93
C411	2.38	1.54	1.82	1.26	1.39	1.26	1.26	1.26	1.82	1.41	1.52
C412	2.55	1.80	1.80	1.95	1.35	1.35	1.35	1.35	1.50	1.35	1.80
P101	2.47	2.47	2.47	2.47	1.89	1.31	1.31	1.31	1.89	1.31	1.31
P102	2.55	2.55	2.55	2.55	1.95	1.35	1.35	1.35	1.35	1.35	1.35
P103	2.44	2.44	1.86	1.86	1.29	1.86	1.86	1.86	1.86	1.86	1.86
P104	2.49	2.05	2.34	1.90	1.90	1.90	1.90	1.90	2.49	1.90	1.90
P105	2.47	2.18	1.89	1.31	1.31	1.31	2.18	1.89	1.60	2.18	2.47
P107	2.38	2.38	2.38	1.82	1.82	1.82	2.38	1.26	1.82	1.82	1.26
P108	2.29	1.95	1.83	2.09	1.40	1.85	1.83	1.74	1.62	2.19	2.29
P109	2.52	2.52	2.52	1.93	1.34	1.93	1.93	2.13	1.93	1.34	2.52
P110	2.21	1.69	1.43	1.69	1.17	1.17	1.17	1.43	1.17	1.17	1.69
P111	2.38	2.38	2.19	2.38	1.45	1.26	1.26	1.63	1.45	1.26	1.45
P201	1.89	2.18	1.89	2.47	1.31	1.89	1.89	1.89	1.60	1.60	1.89
P202	2.55	1.95	1.35	1.95	1.35	1.35	1.35	1.35	1.95	1.35	1.95
P203	1.88	2.46	1.88	1.88	2.46	1.88	1.88	1.88	2.46	1.30	1.88
P204	2.55	1.95	1.95	1.35	1.95	1.35	1.95	1.35	1.35	1.35	1.95
P205	1.54	1.40	1.40	1.26	1.26	1.26	1.26	1.26	1.26	1.26	1.26
P207	2.21	2.22	2.21	1.62	1.62	1.92	2.22	1.92	1.62	1.92	1.92



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P208	2.55	2.35	2.55	2.55	1.55	1.35	1.35	1.35	1.35	1.35	1.35
P209	2.49	1.90	2.49	2.49	1.32	1.90	2.49	1.32	1.90	2.49	1.90
P210	2.44	1.94	1.34	1.94	1.34	1.34	1.94	1.94	1.94	1.34	1.94
P211	2.55	2.10	1.95	1.80	1.95	1.95	1.35	1.80	1.95	1.50	1.35
P301	1.82	1.82	1.71	1.60	1.26	1.37	1.26	1.26	1.26	1.26	1.71
P302	2.34	1.79	1.79	1.79	1.24	1.24	1.24	1.24	1.79	1.54	1.79
P303	2.47	1.89	1.89	1.89	1.31	1.89	1.31	1.31	1.31	1.31	1.89
P304	2.55	1.80	1.95	1.65	1.35	1.35	1.35	1.35	1.35	1.65	1.50
P305	2.29	1.91	1.71	1.71	1.52	1.91	1.52	1.32	1.91	1.72	1.71
P307	2.55	1.95	1.95	1.95	1.35	1.35	1.35	1.35	1.35	1.35	1.95
P308	2.46	1.88	1.88	1.88	1.30	1.58	1.30	1.30	1.88	1.30	1.88
P309	2.46	1.88	1.88	1.88	1.30	1.88	1.30	1.58	1.88	1.30	1.88
P310	2.55	1.95	1.75	1.95	1.35	1.55	1.35	1.35	1.55	1.35	1.95
P311	2.41	2.41	2.41	1.84	1.28	2.03	1.47	1.66	2.22	1.28	2.03
P401	2.38	2.38	2.38	1.82	1.82	1.82	1.82	1.26	1.26	1.26	1.26
P402	1.83	1.40	1.40	1.40	0.97	0.97	0.97	0.97	0.97	0.97	1.40
P403	2.52	1.93	1.93	1.93	1.34	1.34	1.34	1.34	1.34	1.34	1.93
P404	2.55	1.95	1.95	1.75	1.35	1.95	1.35	1.35	1.95	1.35	1.95
P405	2.49	1.91	1.91	1.91	1.32	1.32	1.32	1.32	1.32	1.91	1.71
P407	2.55	1.95	1.95	1.95	1.35	1.35	1.35	1.35	1.35	1.35	1.95
P408	2.55	1.95	1.95	1.95	1.35	1.35	1.35	1.35	1.35	1.65	1.95
P409	2.55	1.75	1.95	2.35	1.35	1.35	1.35	1.35	1.35	1.55	1.75
P410	2.55	1.95	1.95	1.95	1.35	1.35	1.95	1.35	1.95	1.35	1.95



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P413	2.55	1.95	1.95	2.55	1.95	1.95	1.95	1.95	1.95	1.35	2.55
Direct Attainment	2.20	1.80	1.77	1.67	1.38	1.48	1.44	1.43	1.52	1.43	1.66

PO Attainment Level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct Attainment	2.20	1.80	1.77	1.67	1.38	1.48	1.44	1.43	1.52	1.43	1.66
80% of Direct Attainment	1.76	1.44	1.42	1.34	1.10	1.18	1.15	1.14	1.22	1.14	1.33
In-Direct Attainment	1.21	2.07	2.23	1.35	2.02	2.17	1.19	2.00	1.64	0.94	2.58
20% of Indirect Attainment	0.24	0.41	0.45	0.27	0.40	0.43	0.24	0.40	0.33	0.19	0.52
PO Attainment	2.00	1.85	1.86	1.61	1.51	1.62	1.39	1.54	1.54	1.33	1.84



CRITERION 4	Students' Performance	180
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4.1 Students' Performance (180)

Item	CA 19-20	CAYm1 18-19	CAYm2 17-18	CAYm3 16-17	CAYm4 15-16	CAYm5 14-15	CAYm6 13-14
Sanctioned intake of the program (N)	60+6* =66*	60	60	60	60	60	60
Total number of students admitted in first year (N1)	61*	57	56	60	60	59	54
Number of students admitted in 2nd year in the same batch via lateral entry (N2)	12	13	11	09	22	29	40
Total number of students admitted in the Program (N1+N2)	73	70	67	69	82	88	94

***Since 2019-20 Admission Regulatory Authority sanction the seats 60 + 6 EWS.**

As per the provisions in Government Resolution No. राआधो -4019/य.प.31/16-अ, dated 12th February, 2019, 10% seats shall be reserved for EWS candidates. These seats shall be filled by the Competent Authority through CAP as per the policies of the Government declared from time to time. These seats shall be over & above the sanctioned intake.

4.1. Enrolment Ratio (20)

Enrolment Ratio=N1/N

	N (From Table 4.1)	N (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2019-2020	60	61	101.67
2018-2019	60	57	95.00
2017-2018	60	56	93.33

Average [(ER1 + ER2 + ER3)/3]: 96.67

Assessment : 20

Item (Students enrolled at the FirstYear Level on average basis during the previous three academic years starting from current academic year)	Marks
>=90% students enrolled	20
>=80% students enrolled	18
>=70% students enrolled	16
>=60% students enrolled	12
>=50% students enrolled	08
<50% students enrolled	0



4.2. Success Rate in the stipulated period of the program (50)

Year of entry	Number of student admitted in 1st year +admitted via lateral entry in 2 nd year(N1+ N2)	Number of students who have success fully graduated without backlogs in any year of study (Without backlog means no compartment/failure in any semester/year of study)			
		I Year	II Year	III Year	IV Year
CAY 19-20	73	35			
CAY _{m1} 18-19	70	24	37		
CAY _{m2} 17-18	67	17	20	20	
CAY _{m3} 16-17	69	26	26	25	25
CAY _{m4} (LYG) 15-16	82	17	9	9	9
CAY _{m5} (LYG _{m1}) 14-15	88	27	23	16	15
CAY _{m6} (LYG _{m2}) 13-14	94	11	19	16	16

Year of entry	Number of student admitted in 1st year +admitted via lateral entry in 2 nd year(N1+N2)	Number of students who have successfully graduated (Students with backlog in stipulated period of study)			
		I Year	II Year	III Year	IV Year
CAY 19-20	73	58			
CAY _{m1} 18-19	70	57	66		
CAY _{m2} 17-18	67	56	67	47	
CAY _{m3} 16-17	69	60	45	45	45
CAY _{m4} (LYG) 15-16	82	60	47	45	42
CAY _{m5} (LYG _{m1}) 14-15	88	59	60	45	43
CAY _{m6} (LYG _{m2}) 13-14	94	54	55	50	50

4.2.1. Success rate without backlogs in any year of study (30)

$$SI = (\text{Number of students who graduated from the program without backlog}) /$$



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{(Number of students admitted in the first year of that batch) plus (lateral entry students admitted in second year of study)}

Average SI = Mean of success index (SI) for past three batches

Success rate without backlogs in any year of study = $30 \times \text{Average SI}$

Item	Latest Year of Graduation (LYG) 16-17	Latest Year of Graduation minus1 (LYGm1) 15-16	Latest Year of Graduation minus2 (LYGm2) 14-15
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry	69	82	88
Number of students who have graduated without backlogs in the stipulated period	25	9	15
Success index (SI) = Y/X	0.36	0.11	0.17
Average SI [(SI1+SI2+SI3)/3]	0.21		
Assessment = $30 \times \text{Average SI}$	6.39		

Note: If 100% students clear without any backlog then also total marks scored will be 50 as both 4.2.1 & 4.2.2 will be applicable simultaneously.

4.2.2. Success rate with backlog in stipulated period of study (20)

SI = (Number of students who graduated from the program in the stipulated period of course duration) / {(Number of students admitted in the first year of that batch) plus (lateral entry students admitted in second year of study)}

Average SI = mean of success index (SI) for past three batches

Success rate = $20 \times \text{Average SI}$



Item	LY16-17	LYGm1 15-16	LYGm2 14-15
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry	69	82	88
Number of students who have graduated with backlog in the stipulated period	45	42	43
Success index (SI) = Y/X	0.652	0.51	0.49
Average SI [(SI1+SI2+SI3)/3]	0.55		
Assessment = 20*Average SI	11		

4.3 Academic Performance in Final Year (10)

Academic Performance = Average

Academic Performance Index(API) = ((Mean of Final Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Final Year/10)) x (successful students/number of students appeared in the examination)

Successful students are those who passed in all the final year courses

Academic Performance	CAYm 1 16-17	CAYm 2 15-16	CAYm 3 14-15
Mean of CGPA or Mean Percentage of all successful students (X)	8.74	7.37	7.19
Total no. of successful students (Y)	45	42	43
Total no. of students appeared in the examination (Z)	45	45	45
API=x*(Y/Z)	8.74	6.88	6.87
Average API=[(AP1+ AP2 +AP3)/3]	7.49		
Academic Performance=Average API = [(AP1+AP2+AP3)/3]	7.49		

4.4 Academic Performance in Third Year (10)

Academic Performance =Average API

Academic Performance Index= ((Mean of 3rd Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Third Year/10)) x (successful students/number of students appeared in the examination)



Successful students are those who are permitted to proceed to the final year

Academic Performance	CAYm 1 17-18	CAYm 2 16-17	CAYm 3 15-16
Mean of CGPA or Mean Percentage of all successful students (X)	7.785	7.52	7.01
Total no. of successful students (Y)	45	45	45
Total no. of students appeared in the examination (Z)	45	45	47
$API = X * (Y/Z)$	7.785	7.52	6.71
Average API = $[(AP1 + AP2 + AP3)/3]$	7.33		
Academic Performance = Average API = $[(AP1 + AP2 + AP3)/3]$	7.33		

4.5 Academic Performance in Second Year (10)

Academic Performance = Average API

Academic Performance Index = (API) = ((Mean of 2nd Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Second Year/10)) x (successful students/number of students appeared in the examination)



Successful students are those who are permitted to proceed to the third year

Academic Performance	CAY m1 18- 19	CAYm 2 17-18	CAYm 3 16-17
Mean of CGPA or Mean Percentage of all successful students (X)	7.68	7.48	7.17
Total no. of successful students (Y)	66	67	45
Total no. of students appeared in the examination (Z)	70	67	69
$API = X * (Y/Z)$	7.24	7.48	4.67
Average API = $[(AP1 + AP2 + AP3)/3]$	6.46		
Academic Performance = Average API = $[(AP1 + AP2 + AP3)/3]$	6.46		

4.6 Academic Performance in First Year (20)

Academic Performance = $2.0 * \text{Average API}$

Academic Performance Index (API) = ((Mean of 1st Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in first Year/ 10)) x (successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the second year

Academic Performance	CAYm 1 19-20	CAYm 2 18-19	CAYm 3 17-18
Mean of CGPA or Mean Percentage of all successful students (X)	7.6345	7.27	7.39
Total no. Of successful students (Y)	61	57	56
Total no. of students appeared in the examination (Z)	61	57	56
$API = X * (Y/Z)$	7.63	7.27	7.39



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Average API= [(AP1 +AP2 + AP3)/3]	7 .4315
Academic Performance = [(AP1 +AP2 + AP3)/3]	7 .4315

4.7 Placement and Higher Studies (40)

Assessment Points = $40 \times (x+y) / N$

Item	LYG 16-17	LYG _{m1} 15-16	LYG _{m2} 14-15
Total No. of Final Year Students (N)	45	45	45
Number of students placed in Industries/Hospitals/Government sector through on/off campus	07	13	18
No. of students admitted to higher studies with valid scores in various qualifying exams(y)	26	24	26
x+y	33	37	44
Placement Index: (x+y)/N	0.73.33	0.82	0.98
T= Average of (x+y)/N	0.84		
Assessment=40XT	33.73		

4.7.1 Provide the placement data in the below mentioned format with the name of the program and the assessment year: 2019-20

Table 4.7.1

Programs Name and Assessment Year :2019-20				
Sr No.	Name of the student placed	Enrollment no.	Name of the Employer	Appointment letter reference no. with date
1	Ayush Prakash Shahu	20178020100443	Pharmacist, 7 Star Hospital, Nagpur	NISSRC/SSH/HRA N21/16 08 Jan2021
2	Kunal Arun Gahukar	20178020100447	Apprentice, Wockhardt Pvt Ltd (Q.A. Dept), Daman and Diu	Letter awaited
3	Naresh Babarao Haigune	20178020100452	Data Analyst, Cognizant Pvt Ltd, Pune	15303176 Dt. 18/01/2021
4	Pooja Manohar Malghade	20181020119144	Pharmacist, Unnati Distributors, Nagpur	202014 Dt.8/8/2020
5	Shivam Dipak Bhonde	20178020100459	Trainee Officer (Packaging), LUPIN Pvt Ltd, Goa	1/12/2020
6	Sweetie Krishnarao Barapatre	20178020100432	Executive, Data Coding Management, Nagpur	ESPM2151 Dt. 8/02/2021



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Programs Name and Assessment Year :2019-20				
Sr No.	Name of the student placed	Enrollment no.	Name of the Employer	Appointment letter reference no. with date
1	Naziya Amir Sheikh	20178020100401	Pharmacist, Own Distributor Agency, Nagpur	Owner

Provide the placement data in the below mentioned format with the name of the program and the assessment year: 2018-19

Programs Name and Assessment Year: 2018-19				
Sr No.	Name of the student placed	Enrollmentno.	Name of the Employer	Appointment letter reference no.with date
1	Pawan Babulal Harankhede	2015016600509857	M.R, MSN Laboratories Pvt. Ltd., Hyderabad	
2	Lankesh Ankush Bankar	20178020100449	Pharmacist, Own retailor shop	6/11/2017
3	Suchit Babanrao Ulpulwar	20178020100463	Lecturer, Maharashtra Institute of Pharmacy, Brahmpuri	
4	Ananta Bhivraj Chavan	20178020100439	M. R., Almbic Pharma, Nanded	
5	Nikhil Narayan Ghatwai	20178020100453	Trainee, PV, Cognizant Pvt Ltd, Mumai	13976194 Dt. 13/11/2019
6	Harshika Sanjay Sonwane	2015016600509262	Pharmacist, Generic Retailor shop, Nagpur	SM/20/8/ Dt.20/10/2019
7	Duleshree Hemant Brahmkar	20178020100385	Lecturer, Maharashtra Institute of Pharmacy,Brahmpuri	
8	Shivani DilipraoBhonde	2015016600509215	Executive Trainee PV, TCS, Mumbai	TCSL/DT201956130 4BPS/BTN Dt.
9	Chanchal Purushottam Bhoge	2015016600509246	Executive Trainee PV, TCS, Mumbai	TCS/2020-21/DPS-DP01/1839982 Dt..09/01/2021
10	Himani Vishnuji Ikhar	2015016600509277	Executive Trainee PV, TCS, Mumbai	
11	Padmashree Vijay Ade	2015016600509931	Pharmacist Appollo	
12	Madhu Chandrakant Mishra	20178020100395	Executive, TCS, Mumbai	TCSL/1351464/BO M/20/12/2019 Dt.23/12/2019
13	Pooja MahendraBhandari	2015016600510087	Pharmacist	Maan /2020/05 Dt 20/09/2020



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Provide the placement data in the below mentioned format with the name of the program and the assessment year: 2017-18

Programs Name and Assessment Year : 2017-18				
Sr No.	Name of the student Placed	Enrollmentno.	Name of the Employer	Appointment letter reference no.with date
1	Mr. Rishikesh Rakesh Shukla	2015016600455556	MR, Wochardt Pharam	828707 Dt. 10/09/2018
2	Mr. Satish Kashinathaji Nandurkar	2015016600455405	MR, Sun Pharmapvt. ltd.	SPLL/MUM/HRD/E/75068/SYGNUM DIV/ANNXA/2019 Dt.25/02/2019
3	Mr. Sunil Badalsing Chavhan	2015016600455363	MR, AlembicPharmapvt. ltd.	641434 Dt. 10/09/2018
4	Mr. Hitendra Hukumchand Nimje	2015016601950673	MR, FDC ltd.	30/04/2019
5	Mr. Jagdish Vikas Jadhav	2015016600293846	Hospital Pharmacist	
6	Mr. Shubham Kundlik Ukey	2015016600456737	MR, Neon pharma ltd	26/07/2018
7	Ms. Bhakti Vijay Jain	2015016600293831	Research Associate, EnaltechPharma, Mumbai Novartis India, Mumbai	
8	Ms. Krutika Shamraoji Hatwar	2015016601952784	Research Associate,PillSolution,Nagpur	16/06/2018
9	Mr. Rushikesh Pralhad Gharpinde	2015016600455421	Research Associate, Zim laboratory, Nagpur	ZLL/HR/2018-19/260 Dt.14/08/2018
10	Ms. Bharti Bhagwatrao Ambadkar	2015016600293885	Executive, Uni-jule's Life sciences, Nagpur	
11	Ms. Mayuri Rajuji Yawalkar	2015016601950696	Pharmacist, X-ray surgicals, Nagpur	25/08/2018
12	Ms. Pooja Nandgopal Talewar	2015016600456873	Research Associate, Snehal Pharma, Nagpur	
13	Ms. Tejaswini Prakash Jogi	2015016601950657	Pharmacist, Shushiladevi Vikram Sharma Hospital, Nagpur	1/3/2018
14	Ms. Tejasvi Dilip Upadhye	2015016601952761	Pharmacist, Care Hospital, Nagpur	
15	Ms. Trupti Manohar Bante	2015016600455517	Pharmacist, Chandankhede Clinic Nagpur	02/02/2020
16	Ms. Shital Chandrashekhar	2015016601950611	Nikhil Medical, Nagpur	05/11/2019



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	Kurjekar			
17	Ms. Nikita Rajesh Pateriya	2015016601950715	Laxakem Industries, Amravati	
18	Ms. Shama Sudhakar Gajbhiye	2015016601950626	Pharmacist, Kubade Hosp	

4.8 Professional Activities (20)

4.8.1. Professional societies/chapters and organizing pharmacy events (5)

(Provide the relevant details)

Professional Activity: Session 2019-20

Sr. No.	Event	Title of the Program	Guest	Date	No. of Students
1	Webinar Series	“Post COVID : Opportunities & Challenges”	1. Dr. Sudhakar Garad 2. Dr. Prashant Kharkar 3. Dr. Pitush Yenkar 4. Dr. Rahul Manmode	15/05/2020 to 17/05/2020	1980
2	Second International Conference	Invigorating Research in Pharmaceutical: Reasonable Industrial Approach	1. Mr. Praveen Garg 2. Dr. Tanzeer Kaur 3. Dr. Rakesh Bijarnia 4. Mr. Arun Kedia 5. Dr. Harvinder Popli 6. Dr. Patrick Nwabueze Okechukwu 7. Dr. Samir Bloukh 8. Prof. Dr. P. R. Vavia 9. Dr. S. K. Kulkarni 10 Dr. Vishal A. Chakkarwar	14/02/2020 & 15/02/2020	306
3	Guest Lecture	Indian Constitution value based Program	Mr. Nagesh Jadhav	08/02/2020	50
4	Interaction Session	Career Opportunities At Abroad	Mr. Rohit Gupta	01/02/2020	58
5	Training Session	FTIR	1. Mr. Ritesh Gokhale 2. Mr. Nilesh Pednekar Toshvin Analytical Pvt. Ltd.	29/01/2020	27
6	Training Program	Avishkar Research Convention 2019-20	1. Dr. Abhay Mudgal 2. Dr. Sanjay Dhoble 3. Dr. Akhilesh Peshve	14/01/2020 & 15/01/2020	230



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			4. Dr. Nishikant Raut 5. Dr. Niten Vighne 6. Dr. Kapil Singhal 7. Dr. Parag Ghonge		
7	Guest Lecture (For Staff)	Inter Personal Relation at work place	Dr. S. N. Pathan	10/01/2020	27
8	Faculty Development Program	New Avenues of Entrepreneurship & Startup Incubation	1. Shri. Alok Moshra 2. Shri. Shrikant Kulkarni 3. Prof. Ajay Gidwani 4. Dr. Dilip Vairagde 5. Shri Sandip Sonarkar 6. Dr. Ashutosh Patukar 7. Dr. Shilpa Pise 8. Shri Dilip Lohiya 9. Dr. Rashmi Shukla 10. Shri Upal Sinha 11. Shri Milind Tare 12. Dr. Ajay Pise 13. Dr. S. N. Pathan 14. Dr. Ashutosh Patukar 15. Dr. Salil Pendase 16. Shri. Y. B. Baghel 17. Shri. Mukesh Makhijani	16/12/2019 to 27/12/2019	29
9	Guest Lecture	A Key to Success	Dr. Dilip Patwardhan	15/10/2019	123
10	Guest Lecture	Road Safety & Safe Living	Mr. Sanjaykumar Gupta	09/10/2019	105
11	Guest Lecture	Opportunities and challenges in Interdisciplinary Research	Dr. Manish Deshmukh	05/10/2019	29
12	Workshop	Communication & CRT Skill	Mr. Tushar Mulay Certified Master Trainer MEPSE	14/09/2019 to 07/12/2019	104 (Registration Candidates – 74)
13	Pharmacist Day Celebration	World Pharmacist Day	-	25/09/2019	220
14	APTI (MS) Sponsored one day state level seminar	Siddha Based Nano Bio Medicines for Autism & Diabetes	1. Dr. Guna Magesan 2. Dr. Balkrishna Kaviarasur	16/08/2019	33
15	Guest Lecture	Library Oriantation Programme		14/08/2019	27



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16	Induction Program	Induction Program	-	10/08/2019	60
17	Interaction Session	Pharmaceutical Industry Expectations and Gaps	Mr. Manish Bhatkar	09/08/2019	20
18	Certificate Course	Elevating Ethical Practices in Pharmacy Profession Topic : Challenges in Ethical	1. Dr. C. Rao, 2. Mr. Pushpahas M. Ballal	27/07/2019 to 08/02/2020	74 (Registration Candidates – 50)

Professional Activity: Session 2018-19

Sr. No.	Event	Title of the Program	Guest	Date	No. of Students
1	Guest Lecture	Affordable Drug Delivery	Dr. N. Udupa	25/05/2019	30
2	Guest Lecture	Team Building	Shri Atul Guru	23/04/2019	33
3	Guest Lecture	Proper Financial Planning	Mr. Ashish Mahajan	23/03/2019	22
4	Guest Lecture	Voters Awareness (EVM) Machine Handling	1. Mr. R. H. Banmote 2. Mr. A. S. Solawe 3. Mr. M. M. Korwate 4. Mr. A. S. Vyas	07/03/2019	50
5	Guest Lecture	Gender Equality	1. Dr.(Mrs) Suwarna Manekar 2. Seema Rao 3. Rajani Thakare 4. Dr. (Mrs.) Mughdha Borse	02/03/2019	31
6	Program	Pharmacist Development Program	-	23/01/2019	67
7	IPA Sponsored One Day National Seminar	Computer Aided Drug Design	1. Dr. Prashant Murumkar 2. Dr. Ravindra R. Patil 3. Dr. (Mrs.) Alpana J. Asnani 4. Dr. A. T. Patil 5. Dr. Vivekanand A. Chatpalliwar 6. Mr. R. T. Lohiya 7. Dr. M. R. Tajne	19/01/2019	189
8	APTI Sponsored State Level Conference	Opportunities and challenges	1. Shri. Suresh Jinturkar 2. Dr. Jagdish Baheti 3. Dr. Jignesh Doshi 4. Dr. Suhas Sakharkar 5. Dr. Mahesh Burande	09/01/2019	70



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			6. Dr. Prafull Sable		
9	Guest Lecture	Self Defence Training Program Under Mission Sahasi Project	Priti Kulbheje	08/01/2019-12/01/2019	82
10	Guest Lecture	Role Youth in Nation Building	Mr. Pradip Chavan	12/01/2019	66
11	Guest Lecture	Preparation for NBA	Dr. Bhushankumar S. Sathe	25/10/2018	21
12	Guest Lecture	Inter Personal Relationship	Mr. Victor Francis	13/10/2018	28
13	Guest Lecture	New Dimension of Library Usage	Dr. (Mrs.) Ashwini Paradkar	18/08/2018	35
14	Guest Lecture	Road Safety Measures	Mr. Sanjay Kumar Gupta	11/08/2018	72
15	Training Program	Phyto-Pharmaceutical & Natural Product Analysis	--	10/08/2018	05
16	Guest Lecture	New Career Avenues	Mr. Vikram Darakh	04/08/2018	40
17	Guest Lecture	Career Opportunities Abroad	Mr. Shishir Upadhaya	03/08/2018	80
18	Guest Lecture	Employability Skills	1. Mr. Mohan Hardas 2. Mr. Vaibhav Choudhary 3. Mr. Manoj Dhote	21/07/2018	48
20	Guidance Session	Menstrual Hygiene	Mrs. Sarita Gumgaonkar	14/07/2018	67
21	Guest Lecture	Benefits of Naturopathy and Yoga	1. Dr. Vilas Patil 2. Dr. Yogesh Ukey	30/06/2018	28
22	Faculty Interaction Session	Challenges in Healthcare	Dr. V. Gopal	26/06/2018	17
23	Faculty Interaction Session	Funding Agencies	Dr. N. Udupa	23/06/2018	13

Professional Activity: Session 2017-18

Sr. No	Event	Title of the Program	Guest	Date	No. of Students
1	Guest Lecture	Career Opportunities after Graduation	Dr. Pranav Shah	28/04/2018	48
2	State Level Seminar	Seminar on "Endangered Medicinal Plants & their role in Pharm Research "	1. Mr. Vivek 2. Yennarwar Shri. Dilip Singh	28/02/2018	126



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3	APTI Sponsored National Seminar	On writing Manuscripts, Research proposal and Extending consultancies	1. Dr. Nishikant Subhear 2. Dr. Prashant Kharkar 3. Dr. A. S. Shanware 4. Dr. Dadasaheb Kokare 5. Dr. C. L. Lakhotiya 6. Dr. P. K. Puranik 7. Dr. M. R. Tajne	24/02/2018	279
4	Felicitation Program	Felicitation Program for GPAT qualified students	-	17/02/2018	52
5	Guest lecture	Grooming for interview	Mr. Pramod Pardhi	08/02/2018	15
6	Guest lecture	Character Building	Mrs. Smita Sahu	08/02/2018	19
7	Guest lecture	Pharmacoeconomics and Outcomes Research	Dr. Manthan D. Janodia	07/02/2018	62
8	Government Workshop of SEBI	Financial Education	Dr. Sujit Metre	06/01/2018	48
9	Guest Lecture	Current Trends in Pharmaceutical Research and Development in India and Abroad	Dr. Alap Choudhari	02/01/2018	33
10	Guest Lecture	Guidance on GPAT Preparation	Dr. (Mrs.) Nazma Inamdar	29/12/2017	21
11	Training Program	One day training program for supporting staff in association with colostrum	1. Dr. Vinod Thakre 2. Dr. S. B. Bodele 3. Shri Ajay Girhe	23/12/2017	43

Professional Activity: Session 2017-18

Sr. No	Event	Title of the Program	Guest	Date	No. of Students
1	Training Program	HPLC/UFLC Training Program	Mr. N. Hari Krishna Reddy	13/12/2017 to 14/12/2017	37
2	Guest lecture	How to conduct the quality audits in Pharmaceutical Industry	Mr. Shirish Yeole	22/11/2017	25
3	Pharmacist Day	Pharmacist Day celebration	Dr. Atmaram. Pawar	25/09/2017	225
4	Selfie competition	Selfie With My Beautiful Campus In Association With IPA, Nagpur	-	25/09/2017	22
5	Guest Lecture	Road safety and cyber crime	1. Mr. B. Zodokar, 2. Mr. M. Shelukar, 3. Mr. S. Gupta	16/09/2017	64



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6	Inspection program	NAAC orientation program	1. Dr. Sanjay Arote, 2. Mr. Prakash Kendre, 3. Mr. Somnath Vibhute	19/08/2017	38
7	Guest Lecture	Employability skills	Dr. Ajay Girhe	12/08/2017	83
8	Guest Lecture	On Identified Gap And Pharmaceutical Care	Dr. Nagappa	25/07/2017	141
9	Guest Lecture	Digidhan Awareness Program	Mr. Purushottam Gangane	19/07/2017	34
10	Certificate course	Advanced Analytical Equipment Handling certificate course	-	29/05/2017 to 03/06/2017	30

Professional Activity: Session 2016-17

Sr. No.	Event	Title of the Programme	Guest	Date	No. of Students
1.	Guest Lecture	Energy petroleum /Mineral conservation	Mr. S.F. Chauhan	11/3/2017	50
2.	Guest Lecture	Recipe to become Successful in Life	Mr.Dheeraj Khade	4/3/2017	58
3.	Workshop	FTIR Training programme	Mr. Kiran L. Ghadge	25/02/2017 to 26/02/2017	69
4.	Seminar	Intellectual Property Right	1. Mr. Pranjal Borkar 2. Mr.Madhurjya Thankur	18/02/2017	61
5.	Guest Lecture	Motivation	Mr. Salil Pendse	14/02/2017	26
6.	Guest Lecture	Financial Planning	Shri. Nitin Wasurkar	13/02/2017	20
7.	Guest Lecture	Self-protection and Social behaviour of girl	Mr. Arvind N. Ghodke	9/2/2017	86
8.	Guest Lecture	Intellectual Property Right and its importance	Mr. Pankaj Borkar	17/01/2017	40
9.	Industrial visit	Industrial visit to Dr.Reddy's Lab.	-	18/12/2016	24
10.	Scientific Event	68 th Indian Pharmaceutical Congress	-	16- 18/12/2016	24
11.	Workshop	Good laboratory Management	Dr. Vinita Kale	17/11/2016	56



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12.	Workshop	Interpersonal relations and etiquettes and manners	1. Dr. Narendra Bhusari 2. Dr. Roshan Kakde	15/11/2016	32
13.	Guest Lecture	Interpreneurship Development	Dr. MohanMuttalwar	21/10/2016	14
14.	Workshop	Employability Skill and Personality Development	1. Dr. Narendra Bhusari 2. Mr. Sanjay Nakhate 3. Mr. Sagar Rathi 4. Ms. Rutika Meshram	15/10/2016	72
15.	Guest Lecture	Pharmacist Day Celebration	-	24/09/2016 to 25/09/2016	210
16.	Guest Lecture	Industry- Institute Partnership	Dr. Sarvesh Malviya Jain	23/09/2016	75
17.	Guest Lecture	Career Research and Guidance Opportunities	Dr. Jignesh Doshi	17/09/2016	35
18.	Guest Lecture	Library Oriantation Programme	Dr. Ajay Agashe	17/09/2016	46
19.	Guest Lecture	Career Prospects After Pharmacy	Mr. Gaurav Dhoke	16/08/2016	54

Professional Activity: Session 2015-16

SN	Event	Title of the Program	Name of Guest	Date	No. of Students
1	Guest Lecture	Motivation for Freshers	1. MR. Suman Deb	29.03.2016	80
2	Guest Lecture	Use of Library and Reference Books	1. Mrs. Sarika Patil 2. M. N. Dubey	12.03.2016	60
3	Workshop	Transforming Skills effectively	1. MR. Salil Pendse, 2. Mr. Arun Phoke, 3. Mr. Pramod Belsare 4. Abhijit Dharmadhikari	12.02.2016	52
4	Guest Lecture	Health Related Issues	Dr. Lakshmi Shrikhande	09.02.2016	65
5	Guest Lecture	Stress Management	Dr. Pravin Verma	6.02.2016	69
6	Scientific event	67 th Indian Pharmacy Congress	-	19- 21/12/2015	23
7	Day Celebration	World Pharmacist Day	-	25 &26.09.2015	120



4.8.2 Publication of technical magazines, news letters, etc.(5)

(List the publications mentioned along with the names of the editors, publishers, etc.)

We at Dadasaheb Balpande College of Pharmacy publish annual magazine "Sanskriti" every year. This magazine publishes glimpses of academic performance, outstanding achievement, co-curricular and extra curricular activities, professional events including seminars, workshops, conferences organised by institute. It also publish details of Student Council Activities.

Editorial board member composed of Editor in Chief, Executive Editor, Scientific Editor, Section Editors (Marathi, Hindi, English), Art Editor including teachers and students.

Editorial Board for "Sanskriti" 2020

Editor in Chief: Dr Ajay Pise

Executive Editor: Mr. Sachin More

Scientific Editor: Dr Nilesh Mahajan, Ms. Rohini Kharwade

Student Editor: Mr. Shivam Bhonde

Art Editor: Dr Shilpa Pise, Ms. Mayuri Hadge

Hindi Editor: Ms. Meha Motiwala, Mr. Nishabh Kushwah

English Editor: Mr. Sachin Mendhi, Ms. Haripriya Nair

Marathi Editor: Dr Amol Warokar, Mr. Himanshu Bhogekar

4.8.3 Participation in inter-institute events by students of the program of study (10)

(Provide at able indicating those publications, which received awards in the events/conferences organized by other institutes)

List of Student participation in Scientific Events 2019-2020

Sr. No.	Name of Events	Year	Number of Student	Date
1	Atma Nirbhar Bharat Abhiyan Awareness Quiz "organized by Sudhakar Rao Naik Institute of Pharmacy, Pusad.	UG	01	31 st May 2020
2	"National Pharma Quiz Competition" organized by Institute Sudhakar Rao Naik of Pharmacy, Pusad with collaboration with IQAC cell during lockdown period due to Covid-19	UG	02	30 th & 31 st May 2020
3	"Accustoming Pharmaceutical Professionals with Upcoming Future Challenges" 3 Days Online National Conference by Gurunanak College of	UG	02	29 th to 31 st May 2020



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	Pharmacy, Nagpur.			
4	Webinar “Pharma Soft Skill Development” organized by K. K. Wagh College of Pharmacy, Nashik.	UG	01	27 th May 2020
5	“Covid-19 Awareness Program” organized by Department of Zoology Shri Shivaji Arts, Commerce and Science College, Akola.	UG	01	22 nd May 2020
6	Webinar series-1 “Work hard, Make Money, Have Fun-Mantra for Entrepreneurship” organized by Kamla Nehru College of Pharmacy, Nagpur.	UG	02	18 th May 2020
7	“Writing a Thesis For B. Pharm and M. Pharm Projects” organized by MYBO Group	UG	01	17 th May 2020
8	“Online Quiz Competition on Covid-19 Awareness and Prevention Program” organized by Taywade College Of Pharmacy, Nagpur.	UG	01	13 th May 2020
9	“Priyadarshini’s Online Quiz Competition organized by Priyadarshini J. L. College of Pharmacy, Nagpur	UG	02	7 th May 2020
10	“Recent Achievement and challenges of 3-D Printing Technologies in Pharmaceutical Drug Delivery” organized by Rajshri Shahu College of Pharmacy, Buldhana	UG	01	03 rd May 2020
11	Webinar “Getting Ready for Industrial Carrier” organised by Rajshri Shahu College of Pharmacy, Buldhana	UG	02	01 st May 2020
12	Online Short Term Course “Physics in Daily Life”	UG	01	25 th April to 01 st May 2020
13	“Statistical Awareness and Prevention on Covid-19 Quiz” organized by Guru Nanak College of Pharmacy, Nagpur.	UG	05	29 th to 30 th April 2020
14	“Corona Quiz” organized by P. R. Pote Patil College of Pharmacy, Amravati.	UG	04	28 th April 2020
15	Covid -19 Awareness Quiz	UG	01	28 th April 2020
16	“Covid-19 Awareness Program” organized by Late Ramesh Warpudkar ACS College, Sonpeth, Parbhani.	UG	01	27 th April 2020
17	“Covid-19 Awareness and Prevention Brace” organized by SGMSPM’S Sharadchandra Pawar College of Pharmacy, Pune.	UG	01	27 th April 2020
18	“Covid-19 Awareness and Prevention Programme” organized by Taiwade college of Pharmacy, Nagpur	UG	01	25 th April 2020
19	Covid-19 Awareness Quiz	UG	05	23 rd April 2020



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20	“Quiz on Covid-19 Awareness and Prevention” organized by Dr. Rajendra Gode College of Pharmacy, Malkapur	UG	02	19 th April 2020
21	“Quiz on Covid-19 Awareness and Prevention” organized by Dr. Rajendra Gode College of Pharmacy Malkapur	UG	04	18 th April 2020
22	Presented Research Paper at National Conference on Recent Trends in Chemical Engineering and Technology event name was “REACT-2020” organized by Laxminarayan Institute of Technology, Nagpur.	UG	01	6 th to 7 th March 2020
23	2 nd International Conference on “Invigorating Research in Pharmaceuticals: Reasonable Industrial Approach” organized by Dadasaheb Balpande College of Pharmacy, Nagpur	UG	03	14 & 15 Feb 2020
24	National Seminar on Panchgavya for Healthcare organized by Anurag College of Pharmacy, Warthi, Bhandara.	UG	03	08 & 09 Feb 2020
25	“5 th National Pharma Quiz 2020” organized by Smt. Kishori Tai Bhoyar College of Pharmacy, Nagpur.	UG	01	31 st Jan 2020
26	National Symposium on Emerging Career & Entrepreneurship Opportunities for Pharma Professionals Across The Globe organized by Agnihotri College of Pharmacy, Wardha	UG	01	17 Jan 2020
27	“Atma Nirbhar Bharat Abhiyan Awareness Quiz” organized by IQAC Sudhakar Rao Naik Institute of Pharmacy, Pusad.	UG	01	6 th Jan 2020
28	Participation in Science Exhibition organized by Priyadarshni J. L. College of Pharmacy, Nagpur	UG	02	28 th Jan 2020
29	Selection Trials at University Level for Avishkar Research Convention 2019-2020 (RTMNU), Nagpur	UG	01	10 & 11 Jan 2020

List of Student participation in Scientific Events 2018-19

Sr. No.	Name of Student	Class/Year	Winner/ Runner-up	Name of Program	Date
1	Sawan Rathod	B. Pharm IV Year		One Day National Seminar on Pharmaceutical validation and GMP, Grunank College of Pharmacy, Nagpur	4 th Oct 2018
2	Vinod Jadhav				
3	Rohit Mudliar	B. Pharm IV Year		70 th IPC 2018, Delhi NCR	21 st to 23 rd 2018
4	Nikhil Ghatwai	B. Pharm IV Year	First Position	Intercollegiate Science Exhibition, PJLCP, Nagpur	11 th Jan 2019
5	Utkarsh Chimote	B. Pharm IV Year		13 th Maharashtra State Inter University Research Convention Avishkar 2018	3 rd & 4 th Jan 2019
6	Prajwal Kohadkar	B. Pharm			



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		III Year			
7	Nishabh Kushwaha	B. Pharm III Year			

List of Student participation in Scientific Events 2017-18

Sr. No .	Name of Events	Year	Number of Student	Date
1	UGC Sponsored national conference on Indian Heritage in Chemistry 2018 organized by Hislop college, Nagpur.	UG	03	27 March 2018
2	Two days training workshop on computers in Pharmaceuticals Drug design	UG	05	24 & 25 Feb 2018
3	Dr. A. K. Dorle Memorial Lecture Series 2018	UG	05	14 March 2018
4	One day state level seminar on endangered medicinal plants and their role in Pharma Research	UG	05	28 Feb 2018
5	Intercollegiate seminar completion RTMNU science week celebration (National Science Day 2018)	UG	02	26 & 28 Feb 2018
6	APTI Sponsored National seminar on writing manuscripts, research proposals and extending consultancies organized by DBCOP Besa, Nagpur	UG	05	24 Feb 2018
7	All India Pharmacy Quiz Competition-2018, College of Pharmacy, Madras Medical college (Chennai)	UG	02	Feb 2018
8	8 th Indian Student Parliament, Pune	UG	01	20 & 21 Jan 2018
9	National conference of Conservation of Lokswasthya Parampara (RTMNU), Nagpur	UG	07	22 July 2017

List of Student participation in Scientific Events 2016-17

Sr. No .	Name of Events	Year	Number of Student	Date
1	Intercollegiate Quiz Competition organized by Institute of Pharmaceutical Education & Research, Wardha.	UG	02	18 March 2017
2	Natiobal Level Quiz Competition organized by Alembic Pharma Ltd. And SKCOP, Kamptee.	UG	03	02 Feb 2017
3	Intercollegiate Debate Competition, by Agnihotri College of Phamacy, Wardha.	UG	04	18 Jan 2017
4	68 th IPC, Andhra University, Visakhapatnam.	UG	24	16 to 18 December 2016



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List of Student Participation in Cultural Events 2019-2020

Sr. No .	Name of Events	Year	Number of Student	Date
1	“Pharma Got Talent” organized by MET's Institute of Pharmacy, Adgaon, Nashik.	UG	04	6 th April 2020
2	“Pharma Got Talent” online event organized by MET's Institute of Pharmacy, Adgaon, Nashik.	UG	01	6 th March 2020
3	State Level Intercollegiate Debate Competition organized by Loksatta	UG	02	2 March 2020
4	Cartooning Competition, Light Vocal Competition, Western Solo Dance Competition “Yuvarang-2020” an Intercollegiate Youth Festival organized by Director, Student, Development Department, RTMNU Nagpur	UG	05	25 To 27 Feb 2020
5	Intercollegiate Chess Competitions organized by Priyadarshini J. L. College of Pharmacy, Nagpur	UG	04	1 Feb 2020
6	Interschool & Collegiate Dance (Solo/Group) Competition Organized by G. H. Raison University Chindwara MP.	UG	02	28 Jan 2020
7	Debate Competition organized by Vasantrao Naik Government Institute of Arts and Social Sciences Nagpur	UG	01	13 Jan 2020
8	“Pharma Got Talent” organized by MET's Institute of Pharmacy, Adgaon, Nashik.	UG	01	6 th Jan 2020
9	Badminton (Singles/Doubles) Competition at Vidarbha Level Inter Pharmacy Collegiate Tournament “ICBT Championship 2019” Organized by Gurunanak College of Pharmacy and Me to We Foundation.	UG	10	5 October 2019
10	Nibhaya Shakti Navya Bhartachi Organized by Akhil Bhartiya Vidyarthi Parishad Nagpur.	UG	36	4 October 2019
11	1 st Merit in RTMNU 2 nd Year B. Pharm Examination for Summer-2019	UG	01	Summer-2019

List of Student Participation in Cultural Events 2018-2019

Sr. No .	Name of Events	Year	Number of Student	Date
1	Mens Cricket & Volleyball organized by Department of Physical Education, RTMNU, Nagpur	UG	23	August 2018
2	Intercollegiate Dance Competition “Pharma Nach Baliye” organized by JCI Nagpur Pharma	UG	01	2018



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List of Student Participation in Cultural Events 2017-2018

Sr. No .	Name of Events	Year	Number of Student	Date
1	Samep Cultural Youth Fest, G. H. Rasoni University	UG	03	23 to 25 Feb 2018
2	National Level Dance Competition, Pharma Festival	UG	11	13 Feb 2018
3	Pharma Spandan – 2018, Pune	UG	08	8 to 9 Jan 2018
4	Inter-collegiate Street Play organized by Nagpur Police	UG	12	2August 2017
5	Inter-collegiate Badminton & Table Tennis competition	UG	07	1 & 2 October 2017

List of Student Participation in Cultural Events 2016-2017

Sr. No .	Name of Events	Year	Number of Student	Date
1	Advanced Analytical Equipment Hanadling	UG	01	29 th May 2017 to 03 rd June 2017
2	Youth Festival RTMNU, Nagpur	UG	09	06 to 10 March 2017
3	Inter Pharmacy Athletics Championship – 2017 organized by Taywade College of Pharmacy, Koradi, Nagpur	UG	01	07 Feb 2017
4	National Level Dance Competition organized by Smt. Kishoritai Bhoyar College of Pharmacy, Kamptee, Nagpur.	UG	02	02 Feb 2017
5	68 th Indian Pharmaceutical Congress, IPC 2016 organized by AU College of Pharmaceutical Sciences, Andhra University, Visakhapatnam.	UG	19	16 th December 2016 to 18 th December 2016



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List of Student Participation in Cultural Events 2015-2016

Sr. No.	Name of Events	Year	Number of Student	Date
1	10 th Pharma Festival, National Level Dance Competition organized by Smt. Kishoritai Bhoyar College of Pharmacy, Kamptee.	UG	13	02 Feb 2016
2	Vidarbha level (Intercollegiate) Dance Competition, Sparsh 2016, organized by Agnihotri Institute of Pharmacy.	UG	09	21 st Jan 2016
3	Vivekanand Kendra, Kanyakumari, Branch – Nagpur (Vakrutva Competition)	UG	01	04 September 2015

List of Student Participation in Cultural Events 2014-2015

Sr. No.	Name of Events	Year	Number of Student	Date
1	G. H. Rasoni School of Business Management, Kashti-2015, (Singing Competition)	UG	01	14 th to 15 th March 2015
2	9 th Pharma Festival, National Level Dance Competition organized by Smt. Kishoritai Bhoyar College of Pharmacy, Kamptee.	UG	05	02 Feb 2015

List of Student Participation in Cultural Events 2013-2014

Sr. No.	Name of Events	Year	Number of Student	Date
1	State Level Inter Collegiate Dance Competition, Kshitij 2013-14, organized by Department of Pharmacy, Kamptee.	UG	06	20 January 2014



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Criteria V: FACULTY INFORMATION AND CONTRIBUTIONS (175)

Total Marks 156.49

Name	PAN No.	University Degree	Date of Receiving Degree	Area of Specialization	Research Paper Publications	Ph.D Guidance	Faculty receiving Ph.D during the assessment year	Current Designation	Date (Designated as Prof./Assoc. Prof.).	Initial Date of Joining	Association Type
Dr. Ujwala N. Mahajan	AFTPM6118 F	M.Pharm., Ph.D	20/02/2009	Pharmacognosy	45	00	00	Professor	26/07/2012	02/07/2007	Regular
Dr. Madhukar R. Tajne	AASPT8613 Q	M.Pharm and Ph.D	20/02/2009	Pharmaceutical Chemistry	67	15	04	Professor	20/06/2018	20/06/2018	Regular
Dr. Vidya P. Sabale	AVVPS9679 M	M.Pharm and Ph.D	04/08/2015	Pharmaceutics	33	02	00	Professor	01/08/2017	01/08/2017	Regular
Dr. Vinod M. Thakare	ACUPT7449 Q	M.Pharm and Ph.D	08/07/2013	Quality Assurance	84	00	00	Associate Professor	15/05/2017	15/05/2017	Regular
Dr. Nilesh M. Mahajan	ALEPM9985 D	M.Pharm and Ph.D	01/09/2012	Pharmaceutics	55	02	00	Associate Professor	01/07/2014	01/07/2014	Regular



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Dr. Ajay G. Pise	ASFPP9005R	M.Pharm and Ph.D	07/06/2011	Pharmaceutics	29	00	00	Associate Professor	04/01/2013	04/01/2013	Regular
Dr. Amol S. Warokar	ABAPW7730 L	M.Pharm and Ph.D	25/02/2016	Pharmaceutical Chemistry	15	00	00	Associate Professor	13/11/2017	13/11/2017	Regular
Dr. Purushottam S. Gangane	AKWPG7176 R	M.Pharm and Ph.D	19/09/2019	Pharmaceutics	18	00	00	Associate Professor	13/07/2017	02/09/2013	Regular
Mr. Nitin G. Dumore	APQPD9907 C	M.Pharm	24/09/2008	Pharmacology	31	00	00	Assistant Professor		01/07/2008	Regular
Mr. Kishor R. Danao	AWCPD6707 F	M.Pharm	24/09/2008	Pharmaceutical Chemistry	17	00	00	Assistant Professor		01/07/2009	Regular
Mr. Rohit A. Gupta	ASMPG0094 N	M.Pharm	06/10/2009	Pharmacology	08	00	00	Associate Professor	13/07/2017	01/09/2009	Regular
Mr. Sachin M. More	AYCPM2118 F	M.Pharm	24/09/2008	Pharmacology	16	00	00	Assistant Professor		01/01/2019	Regular
Mrs. Vijayshri V. Rokde	BJRPR8243M	M.Pharm	21/09/2011	Pharmaceutical Chemistry	04	00	00	Assistant Professor		22/09/2012	Regular



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Dr. Shilpa A. Pise	BWAPP1930 K	M.Pharm and Ph.D	07/12/2019	Pharmaceutics	09	00	00	Assistant Professor		12/03/2013	Regular
Ms. Rohini S. Kharwade	BEQPK2906 G	M.Pharm	24/09/2008	Pharmaceutics	12	00	00	Assistant Professor		01/06/2012	Regular
Mrs. Monali N. Dumore	ABFPW2381J	M.Pharm	01/10/2012	Quality Assurance	06	00	00	Assistant Professor		02/07/2012	Regular
Ms. Meha N. Motiwala	ANLPM8495 P	M.Pharm	06/10/2009	Pharmacognosy	05	00	00	Assistant Professor		01/06/2011	Regular
Mrs. Sandhya M. Bagade	BXUPB7327 P	M.Pharm	02/09/2009	Pharmacognosy	08	00	00	Assistant Professor		01/07/2013	Regular
Mr. Ashish P. Bharne	APTPB1262 M	M.Pharm and Ph.D	23/07/2019	Pharmacology	14	00	00	Assistant Professor		16/06/2016	Regular
Ms. Vijaya S. Rabade	CEWPR2904 A	M.Pharm	24/08/2015	Pharmacognosy	03	00	00	Assistant Professor		15/09/2017	Regular
Mr. Debarshi Kar Mahapatra	BAMPM8007 J	M.Pharm	17/07/2015	Pharmaceutical Chemistry	150	00	00	Assistant Professor		10/10/2016	Regular
Ms. Shweta S. Kale	BVSPK2067 H	M.Pharm	20/04/2016	Quality Assurance	01	00	00	Assistant Professor		15/07/2019	Regular



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Ms. Amruta D. Shete	GGKPS9060 L	M.Pharm	28/08/2017	Pharmacology	01	00	00	Assistant Professor		22/07/2019	Regular
Mrs. Rushika S. Jaiswal	AWKPJ2546 G	M.Pharm	01/08/2017	Quality Assurance	00	00	00	Assistant Professor		12/09/2019	Regular
Mr. Sachin M. Mendhi	BPMPM0882 A	M.Pharm	21/09/2011	Pharmacology	06	00	00	Assistant Professor		22/01/2020	Regular
Mrs. Megha P. Ambatkar	AZPPB0674B	M.Pharm	22/11/2010	Pharmaceutical Chemistry	00	00	00	Assistant Professor		01/06/2011	Regular
Mr. Sachin P. Borikar	BEJPB6625L	M.Pharm	11/09/2012	Pharmacology	00	00	00	Assistant Professor		03/03/2017	Regular
Ms. Shubhangi S. Bele	BZIPB7687P	M.Pharm	15/06/2016	Pharmaceutics	00	00	00	Assistant Professor		24/07/2017	Regular
Mrs. Gunja S. Joshi	AUEPJ4978Q	M.Pharm	21/09/2013	Medicinal Chemistry	00	00	00	Assistant Professor		01/08/2018	Regular
Mrs. Saloni A. Jain	AORPJ5645P	M.Pharm	27/06/2016	Quality Assurance	00	00	00	Assistant Professor		01/08/2018	Regular
Ms. Ruchi S. Shivhare	BQZPS0355J	M. Pharm	02/03/2010	Pharmaceutical Chemistry	18	00	00	Assistant Professor		05/08/2020	Regular



5.1 Student-Faculty Ratio (SFR) (20)

Total Marks 20.00

Institute Marks: 20

UG

No. of UG Programs in the Department: 01

Bachelor in Pharmacy						
Year of Study	CAY (2019-20)		CAYm1 (2018-19)		CAYm2 (2017-18)	
	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students
1st Year	60	0	60	0	60	0
2nd Year	60	13	60	11	60	9
3rd Year	60	0	60	0	60	0
4th Year	60	0	60	0	60	0
Sub-Total	240	13	240	11	240	9
Total	253		251		249	
Grand Total	253		251		249	

PG

No. of PG Programs in the Department: 02

Master of Pharmacy in Pharmaceutical Quality Assurance			
Year of Study	CAY (2019-20)	CAYm1 (2018-19)	CAYm2 (2017-18)
	Sanction Intake	Sanction Intake	Sanction Intake
1st Year	15	15	15
2nd Year	15	15	18
Total	30	30	33
Master of Pharmacy in Pharmaceutics			
Year of Study	CAY (2019-20)	CAYm1 (2018-19)	CAYm2 (2017-18)
	Sanction Intake	Sanction Intake	Sanction Intake
1st Year	15	15	15
2nd Year	15	15	18
Total	30	30	33
Grand Total	60	60	66

SFR

No. of UG Programs in the Department: 01

No. of PG Programs in the Department: 02



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Description	CAY(2019-20)	CAYm1 (2018-19)	CAYm2 (2017-18)
Total No. of Students in the Department(S)	313 Sum total of all (UG+PG) students	311 Sum total of all (UG+PG) students	315 Sum total of all (UG+PG) students
No. of Faculty in the Department (F)	23 F1	22 F2	19 F3
Student Faculty Ratio(SFR)	13.61 SFR1=S1/F1	16.58 SFR2=S2/F2	14.14 SFR3=S3/F3
Average SFR	14.78 SFR=(SFR1+SFR2+SFR3)/3		
F=Total Number of Faculty Members in the Department (excluding first year faculty)			

Note: 75% should be Regular/full time faculty and the remaining shall be Contractual Faculty/Adjust Faculty/Resource persons from industry as per AICTE norms and standards. The contractual faculty will be considered for assessment only if a faculty is drawing a salary as prescribed by the concerned State Government for the contractual faculty in the respective cadre.

5.1.1. Provide the information about the regular and contractual faculty as per the format mentioned below:

	Total number of regular faculty in the department	Total number of contractual faculty in the department
CAY(2019-20)	23	0
CAYm1(2018-19)	22	0
CAYm2(2017-18)	19	0

Average SFR for three assessment years: 14.78

Assessment SFR: 0

5.2. Faculty Cadre Proportion (20)

Total Marks: 20.00

Institute Marks: 20.00

Year	Profess ors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
CAY(2019-20)	2.00	3.00	4.00	4.00	13.00	16.00
CAYm1(2018-19)	2.00	3.00	4.00	4.00	13.00	15.00
CAYm2(2017-18)	2.00	2.00	4.00	3.00	14.00	14.00
Average Numbers	2.00	2.67	4.00	3.67	13.33	15.00

Cadre Ratio Marks [(AF1 / RF1) + [(AF2 / RF2) * 0.6] + [(AF3 / RF3) * 0.4]] * 10 : 20.00



5.3. Faculty Qualification (20)

Total Marks 11.47

Institute Marks: 11.47

	X	Y	F	$FQ = 2.0 \times [(10X + 6Y) / F]$
2019-20(CAY)	8	13	20.00	13.20
2018-19(CAYm1)	7	12	20.00	11.80
2017-18(CAYm2)	5	11	20.00	9.40

Average Assessment: 11.47

5.4. Faculty Retention (20)

Total Marks 20.00

Institute Marks: 20.00

Description	2018-19	2019-20
No of Faculty Retained	18	17
Total No of Faculty	19	19
% of Faculty Retained	95	89

Average : 92.00

Assessment Marks : 20.00

5.5. Innovations by the Faculty in Teaching and Learning (15)

Total Marks 15.00

Institute Marks : 15.00

Teachers have adopted novel teaching techniques such as ICT based teaching-learning, group discussion, problem based learning, flipped classroom over the traditional teaching methodologies. Faculty members Mrs. Monali Dumore and Mrs. Vijayashri Rokade have attended faculty development program on ICT based teaching-learning process. Inspiring from this, all faculties have used ICT based learning as pedagogical innovations in their teaching methodology.

5.6. Faculty as participants in Faculty Development/Training Activities (15) Total Marks 14.02

Institute Marks : 14.02

Name of the faculty	Max 5 Per Faculty		
	2019-20	2018-19	2017-18
Dr (Mrs) Ujwala Mahajan	5.00	5.00	0.00
Dr Nilesh Mahajan	5.00	3.00	0.00
Dr (Mrs) Vidya Sabale	3.00	5.00	0.00
Dr Vinod Thakare	5.00	5.00	0.00
Dr Ajay Pise	5.00	0.00	3.00
Dr Amol Warokar	5.00	3.00	0.00



Mr. Kishor Danao	5.00	3.00	3.00
Dr Shilpa Pise	3.00	5.00	0.00
Dr Purushottam Gangane	3.00	5.00	3.00
Mrs. Vijayashri Rokade	5.00	3.00	3.00
Ms. Rohini Kharwade	5.00	5.00	3.00
Mrs. Monali Dumore	5.00	3.00	3.00
Ms. Meha Motiwala	5.00	5.00	0.00
Mr. Sachin More	5.00	0.00	0.00
Ms. Vijaya Rabade	0.00	3.00	0.00
Mr. Nitin Dumore	5.00	3.00	0.00
Sum	69.00	59.00	18.00
RF = Number of Faculty required to comply with 15:1 Student Faculty Ratios per 5.1	20.87	20.73	21.00
Assessment [$3 \times (\text{Sum} / 0.5\text{RF})$]	19.84	17.08	5.14

Average assessment over 3 years: 14.02

5.7. Research and Development (40)

Total Marks 31.00

5.7.1. Academic Research (10)

Institute Marks : 10.00

Faculty members have actively delivered their performance in academic research, quality publications, authoring books/chapters, etc.

List of Publications of Faculty (Comprehensive)

Sr. No.	Name of Faculty Member	Total No. Of Publications	SCI/ SCOPUS/ UGC Indexed Publications	Google Citations	H-Index	i-Index
1	Dr. U. N. Mahajan	45	08	25	3	0
2	Dr. M. R. Tajne	67	50	212	7	5
3	Dr. V. P. Sable	33	20	276	8	8
4	Dr. V. M. Thakre	84	07	335	12	15
5	Dr. N. M. Mahajan	55	32	203	7	5
6	Dr. A. G. Pise	29	08	28	1	1
7	Dr. A. S. Warokar	15	08	46	4	1
8	Dr. P. S. Gangane	18	05	37	4	1
9	Dr. S. A. Pise	09	03	14	1	1
10	Mr. N. G. Dumore	31	10	80	3	1
11	Mr. K. R. Danao	17	04	125	5	4
12	Mr. S. M. More	16	10	69	5	3
13	Mr. S. M. Mendhi	06	04	44	2	2
14	Ms. M. N. Motiwala	05	05	100	4	3



15	Ms. R. S. Kharwade	12	08	54	4	2
16	Ms. V. V. Rokade	04	01	20	2	1
17	Ms. M. N. Dumore	06	01	9	1	0
18	Ms. S. S. Kale	01	00	--	--	--
19	Ms. R.S. Jaiswal	00	00	--	--	--
20	Ms. V. S. Rabade	03	00	--	--	--
21	Mr. R. A. Gupta	08	03			
22	Mr. A. P. Bharne	14	14			
23	Mr. D. K. Mahapatra	150	42	1604	16	32
24	Mr. S. P. Borikar	03	02	2	1	--
25	Ms. S. M. Bagde	08	00	--	--	--

Book Published by Faculty

AY 2019 - 2020

Sr. No.	Name of Authors	Title of Book	ISBN NO.	Name of publisher
1	K. R. Danao, U. N. Mahajan, V.R. Tagpallearwar	A Textbook of Medicinal Chemistry-III	9788194500445	Global Education Limited, Nagpur
2	K. R. Danao, D. K. Mahapatra	A Chapter in "Biochemistry, Biophysics, and Molecular Chemistry: Applied Research and Interactions"	9781771888165 http://www.appleacademicpress.com/biochemistry-biophysics-and-molecular-chemistry-applied-research-and-interactions/9781771888165	Apple Academic Press (CRC press), Taylor & Francis group
3	Dr. Ajay Pise, Dr. Shilpa Pise	Communication Skills	9789387037168	ABD Publishers and Printers (P) Ltd. Nagpur. (2019)
4	Mrs. Vijayshri V. Rokde	Pharmaceutical Analysis for B. Pharm.I - Semester	978-93-87037-13-7	VBD Publication Pvt. Ltd.
5	Mahapatra DK, ChhajedSS, Upasani CD, WadherSJ,	Medicinal Chemistry. November 2017	9789382322696	Career Publications Private Limited, Nashik
6.	MahapatraDK, Bharti SK,	Medicinal Chemistry with Pharmaceutical Product Development.	9781771887106	Apple Academic Press, New Jersey
7.	Mahapatra DK, ShivhareRS.	Medicinal Chemistry-II.	9789387037212	ABD Publishers Private Limited, Nagpur
8.	Mahapatra DK, Chhajed SS, Bastikar V	Computer Aided Drug Design February 2019.	9788176603478	Pune: Everest Publishing House



AY 2018-19

Sr. No.	Name of Authors	Title of Book	ISBN NO.	Name of Publisher
1.	MN Motiwala, RA Gupta, NG Dumore, UN Mahajan And KR Danao	Chapter authored -“Efficacy of Piperine from <i>Piper nigrum</i> in metabolic disorders: A Review” in Recent Progress in Medicinal Plants Vol. 47—Metabolic Disorders: Hyperlipidemia by Anita Bhardwaj and J N Govil	10: 1626990840	Studium Press LLC, NEW DELHI
2.	Mahapatra DK, Bharti SK	Drug Design	8125601058	Tara Publications Private Limited, New Delhi
3.	Mahapatra DK, Bharti SK	Handbook of Research on Medicinal Chemistry: Innovations and Methodologies.	9781771885447	Apple Academic Press, New Jersey



Dadasaheb Balpande College of Pharmacy, Besa, Nagpur

Detail of research Guide

Sr . N o.	Name of the Research Guide	Name of the University from which Ph. D is obtained	Year of obtaining Ph. D	Registration Details	No. of Candidates Registered for Ph.D.			No. of Candidates Completed
						Course Work	Comprehensive Viva-Voce	Submitted Final Thesis
1	Dr. Ujwala N. Mahajan	Nagpur University Nagpur, MS, India	2009	Ph.D. Cell/RRC /Guide/1116	- Nil -	-Nil-	-Nil-	-Nil-
2	Dr. Vidya P. Sable	Jawaharlal Nehru Technological University Hyderabad	2015	RTMNU/ Ph.D. Cell/RRC /Guide/B/ 2019/1312	02	-Nil-	-Nil-	-Nil-
3	Dr. Nilesh M. Mahajan	Sant Gadge Baba Amravati University Amravati, MS, India	2012	RTMNU/ Ph.D. Cell/RRC /Guide/317	02	01	-Nil-	-Nil-
4	Dr. Vinod M. Thakre	North Maharashtra University Jalgaon, MS, India	2013	RTMNU/ Ph.D. Cell/RRC /Guide/B/ 2019/1313	- Nil -	-Nil-	-Nil-	-Nil-
5	Dr. Ajay G. Pise	Manipal University, Manipal	2011	RTMNU/ Ph.D. Cell/RRC /Guide/B/ 2019/1303	- Nil -	-Nil-	-Nil-	-Nil-



LIST OF FACULTY RECEIVED Ph.D.

AY 2019-20

Sr. No.	Name of Faculty	Name of University	Date of Award
1	Mr. A. P. Bharné	Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur	23 rd July 2019
2	Mr. P. S. Gangane	Sant Gadge Baba Amravati University, Amravati	19 th Sept 2019
3	Mrs. S. A. Pise	Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur	07 th Dec 2019

25% Faculty members are Ph.D degree holders. Average publications per faculty are 21. Average conference presentations are 17. Average conference / workshop participation is 23. Total patents filed by faculty members are: 05. Ms. Rohini Kharwade, Assistant Professor at DBCOP is doing part time Ph D at college

5.7.2. Sponsored Research (10)

Institute Marks : 10.00

2019-20

Project Title	Duration	Funding Agency	Amount (in Rupees)
Modernization of Pharmaceutical Analysis Laboratory for Qualitative and Quantitative Estimation of Pharmaceutical and Formulations	Two years	AICTE, New Delhi	1543334.00
Creation and Set-up of Pilot Plant at Pharmaceutical Laboratories	Two years	AICTE, New Delhi	1526667.00
			Total Amount(X): 3070001.00

2018-19

Project Title	Duration	Funding Agency	Amount (in Rupees)
---NIL---			

2017-18

Project Title	Duration	Funding Agency	Amount (in Rupees)
---NIL---			



Cumulative Amount(X + Y + Z) =

5.7.3. Consultancy (from Industry) (10)

Institute Marks: 10

2019-20

Project Title	Duration	Funding Agency	Amount (in Rupees)
Development of Lutein ester formulation 10% and 40%	Six months	N.M.Pharma, Kurum Gate no. 33, Navsal, Tq. – Murtijapur, Dist.- Akola – 444107 MS, India	200000.00
			Total Amount(X): 200000.00

2018-19

Project Title	Duration	Funding Agency	Amount (in Rupees)
Development of Levothyroxin sodium tablets 50 mcg	Nine Months	Maxwell Life Sciences Pvt. Ltd., T-53 & 81, MIDC Tarapur, Boisar, Dist. – Palghar, MS, India	180000.00
			Total Amount(Y): 180000.00

2017-18

Project Title	Duration	Funding Agency	Amount (in Rupees)
Development of delayed release pH dependent polyherbal tablet for the treatment of haemonchosis in small ruminants	Six months	Dr. Chetak Panchbhai Research Scholar, Nagpur Veterinary College, Seminary Hills, Nagpur, MS, India	35000.00
			Total Amount(Z): 35000.00

Cumulative Amount (X +Y+Z) = 4150000.00



5.7.4. Honorary Consultancy from Central/State/Local Government Organizations (5)

Institute Marks : 5.00

Dadasaheb Balpande College of Pharmacy has received grant of Rs. 1 Lakh from Maharashtra State of Biodiversity Board in Jan 2018 for the project "Preservation of endangered medicinal plant species" (Approval letter no. MSSB/Proposal/CR561/1143(2017)

2. Received Rs. 50,000 as seeding amount (Rs. 10,000 per adopted village) from Ministry of Human Resource Development under Jan 2018.r Unnat Bharat Abhiyan (letter dated 22 Nov 2019)

3. Received Rs. 75,000 as sponsored ammount from RTMNU for organising two days training session for selected candidates during Avishkar-Scientific Conclave of Rashtrasant Tukdoji Maharaj Nagpur University (RTMNU) for year 2019-20.

Sr. No.	Funding Agency	Nature of Consultancy Service	Name of Project	Letter No.	Amount Received (INR)	Academic year
1	Maharashtra State of Biodiversity Board	Development of Medicinal Plant Garden	Preservation of endangered medicinal plant species	MSSB/Proposa l/CR561/1143(2017)dated 10	1,00,000/-	2017-18
2	Ministry of HRD	Unnat Bharat	Rural Development	GEN17016/24	50,000/-	2019-20
3	Rashtra Sant Tukadoji Maharaj Nagpur University, Nagpur	For Organizing Training Program for Scientific Exhibition "Avishkar - 2019"	For Organizing Training Program for University level selected candidates of "Avishkar - 2019"	RTMNU/Avi shkar/19-20/534 Dated 24 th December 2019	73,080/-	2019-20



5.7.5. Development activities (5)

Institute Marks : 5.00

Faculty members at DBCOP have developed prototype products at laboratory level as a part of post graduate thesis works. Research laboratories and sophisticated equipment's are used to develop prototype product offering consultancies and conducting tests for products from companies/institutions.

Faculty members have developed laboratory manuals for each laboratory. Charts/working models are developed by faculty members as teaching aid.

2018-19

Sr. No.	Details of Product	Name of Investigators	Status
1	Development & evaluation of polyherbal skin tanning product	Dr. N. M. Mahajan Ms. Tilottama M. Gatkine	Prototype developed at lab level
2	Formulation development & evaluation of nutraceutical formulation for treatment of malnutrition	Dr. A. G. Pise Ms. Divya Harinkhede	Prototype developed at lab level
3	Formulation development & evaluation of nutraceutical formulation containing wheat grass & green tea for cancer patients	Dr. A. G. Pise Ms. Monika Rambhad	Prototype developed at lab level
4	Formulation development & evaluation of extended release matrix tablet by using hydrophilic & hydrophobic matrix system.	Dr. P.S. Gangane Mr. Shrikant V. Pusala	Prototype developed at lab level
5	Formulation and evaluation of Piper betle peptide extract gel for anti-proliferative activity	Dr. U. N. Mahajan Ms. Ankita Kawde	Prototype developed at lab level
6	Formulation development and evaluation of cosmeceuticals anti-aging night lotion	Dr. U. N. Mahajan Ms. Priti Jadhav	Prototype developed at lab level

2017-18

Sr. No.	Details of Product	Name of Investigators	Status
1	Formulation development & evaluation of nutraceuticals supplement for cancer patients	Dr. A. G. Pise Ms. Surabhi Walke	Prototype developed at lab level
2	Formulation development & evaluation of cosmeceuticals night cream herbal components	Dr. A. G. Pise Ms. Vidisha Waghaye	Prototype developed at lab level
3	Design and characterization of fast disintegrating tablet using natural & synthetic disintegrating agents	Dr. P.S. Gangane Mr. Shrikant V. Pusala	Prototype developed at lab level



LIST OF INSTRUCTIONAL MATERIAL DEVELOPED BY FACULTY

AY 2019-20

Sr. No.	Type of Instructional Material	Details of Instructional Materials	Name of Faculty
1	Book	A Textbook of Medicinal Chemistry-III ISBN No. 9788194500445	K. R. Danao, U. N. Mahajan
2	Book	Communication Skills ISBN No. 9789387037168	Dr. Ajay Pise Dr. Shilpa A. Pise
3	Book	Pharmaceutical Analysis for B. Pharm.I –Semester 978-93-87037-13-7	Mrs. Vijayshri V. Rokde
4	Book	Medicinal Chemistry. Career Publications Private Limited, Nashik ISBN: 9789382322696 November 2017	Mahapatra DK, Chhajed SS, Upasani CD, Wad
5	Book	Medicinal Chemistry with Pharmaceutical Product Development. Apple Academic Press, New Jersey ISBN No: 9781771887106 February 2019	Mahapatra DK, Bharti SK,
6	Book	Medicinal Chemistry-II. ABD Publishers Private Limited, Nagpur ISBN No: 9789387037212 July 2019	Mahapatra DK, Shivhare RS.
7	Book	Computer Aided Drug Design. Pune: Everest Publishing House, February 2019. ISBN No: 9788176603478	Mahapatra DK, Chhajed SS, B
8	Working Model	Design and Validation of Elevated Linear Maze Apparatus for Pharmacological Behavioural Screening	Mr. Sachin More
9	Visuals	PPTs of relevant subjects	All faculty members
10	Visuals	Charts and Models	Faculty members and students
11	Manuals	Lab Manuals	Faculty members and students

AY 2018-19

Sr. No.	Type of Instructional Material	Details of Instructional Materials	Name of Faculty
1.	Book	Drug Design ISBN: 8125601058	Mahapatra DK, Bharti SK
2.	Book	Handbook of Research on Medicinal Chemistry: Innovations and	Mahapatra DK,



		Methodologies. ISBN No: 9781771885447	Bharti SK
3.	Book	Chapter authored -“Efficacy of Piperine from <i>Piper nigrum</i> in metabolic disorders: A Review” in Recent Progress in Medicinal Plants Vol. 47—Metabolic Disorders: Hyperlipidemia by Anita Bhardwaj and J N Govil ISBN 10:1626990840 ; Year - 2018	Ms. Meha Motiwala
4.	Working Model	Development of Chromatographic method by Applying Stahl Triangle Rule	Dr. Amol Warokar
5.	Visuals	PPTs of relevant subjects	All faculty members
6.	Visuals	Charts and Models	Faculty members and students
7.	Manuals	Lab Manuals	Faculty members and students

2017-18

Sr. No.	Type of Instructional Material	Details of Instructional Materials	Name of Faculty
1.	GPAT Tutorials	Software for MCQs Test Series for GPAT	Mr. Rohit Gupta
2.	Visuals	PPTs of relevant subjects	All faculty members
3.	Visuals	Charts and Models	Faculty members and students
4.	Manuals	Lab Manuals	Faculty members and students



5.8. Faculty Performance Appraisal and Development System (FPADS) 20 Marks

Institute Marks : 20.00

Understanding the need of performing various tasks by teachers including- instructor, facilitator, researcher, mentor, etc, we at Dadasaheb Balpande College of Pharmacy, Besa, Nagpur have developed well defined performance appraisal system. Performance of faculty member is evaluated at the end of every academic year. Performance evaluation has separate components which includes- feedback obtained from students, quality publications, patent, book/chapter in book, participation in faculty development program, workshop, conference, seminars, industrial collaboration, product development, upgradation of skills through upgrading qualification, awards for the academic year.

Faculty members are also get evaluated for their contribution in departmental / institutional work, responsibilities handled in committees, initiatives and participation in organising conferences, workshops at college. Efforts taken to receive research grants through submission of projects also considered in performance evaluation.

Considering above parameters increment, incentives, awards are decided for academic year.

5.9. Visiting/Adjunct Faculty (5)

Total Marks 5.00

Institute Marks : 5.00

DETAILS OF ADJUNCT/VISITING FACULTY

AY 2019-20

Class	Semester	Subject	Name of Visiting Faculty	No. of Interactions Hours
B. Pharm. IV yr	VIII	Pharmaceutical Analysis (IR Spectroscopy)	Dr. Jignesh Doshi	16
M. Pharm. II nd yr	III	MQA (IR Spectroscopy)	Dr. Jignesh Doshi	12
M. Pharm. I st yr	I	MQA (Mass Spectroscopy)	Dr. Jignesh Doshi	04
B. Pharm. I st yr	I	Mathematics	Mrs. Manisha Nagpure	20
	II	Computer Science	Mrs. Manisha Nagpure	25 Till 4 th March 2020
B. Pharm. I st yr	I	Communication skills	Ms. Pranita Giri	16(T)+68(P)



AY 2018-19

Class	Semester	Subject	Name of Visiting Faculty	No. of Interactions Hours
B. Pharm. IV yr & M. Pharm.- I st Yr	VIII	Project work	Dr. Jignesh Doshi	18(14/03/2019-02/04/2019)+02(11/08/2018)
B. Pharm. I st yr	I	Mathematics	Mrs. Pratikha Kathale	23
	II	Computer Science	Mrs. Manisha Nagpure	34(T)+92(P)

AY 2017-18

Class	Semester	Subject	Name of Visiting Faculty	No. of Interactions Hours
F.Y. B.Pharm	VIII	Project work	Dr. Anatha Nagappa	18
			Dr. Jignesh Doshi	02
B. Pharm 1 st yr	I	Mathematics	Mrs. Manisha Nagpure	33
	II	Computer Science		7(T)+68(P)

Yes. DBCOP has provision of visiting / adjunct faculty. Beside this experts from Industry, research organization, Universities and other Government organizations are regularly invited as guest speakers to interact with students and staff on several occasions.

Every year more than 50 hours interaction is facilitates between students and visiting / adjunct faculty, and industry experts.



6. FACILITIES (120)

Total Marks 120.00

6.1. Availability of adequate, well-equipped classrooms to meet the curriculum requirements (20)

Total Marks 20.00

Institute Marks : 20.00

As per the requirement of curriculum adequate, well equipped classrooms are available at Dadasaheb Balpande College of Pharmacy. Six classrooms (F-16, S-7, S-15, S-17, T-12, S-4) are spacious enough for required intake of each class. Each classroom is equipped with audio-video projector facility to facilitate ICT based teaching learning process. Each classroom is properly ventilated and facilitates maximum utilisation of day light and fresh air ventilation which supports green initiatives of institution.

Notice board is displayed at every classroom which keeps students informed about their daily schedule of class and time-to-time communication from their class teacher and college authorities. Students have decorated every classroom with live and inspirational quotes and pictures.

Class room details

Sr. No.	Class room code	Carpet area in square meter	Audio-Visual Projector facility
1	F-16	75	Available
2	S-7	75	Available
3	S-15	35	Available
4	S-17	75	Available
5	T-12	75	Available
6	S-4	75	Available

6.2. Faculty Rooms (10)

Total Marks 10.00

Institute Marks : 10.00

Separate faculty rooms are provided to faculty members. Each laboratory carries separate area for faculty members. High speed internet facility is provided at every faculty room to facilitate teaching-learning process. HOD / Professor cabinets have the arrangement to take departmental meeting. Each faculty room is spacious enough to facilitate meet-point for students whenever they want to interact with their respective teacher.

6.3 Laboratories including preparation room (wherever applicable), instrument/machine room and computer labs along with equipment and relevant facilities (60)

Total Marks 60.00

Institute Marks : 60.00

Institute has separate ten laboratories for UG and four research laboratories for PG course. Area of all laboratories is adequate as per standard norms given by aicte to occupy batch size of twenty students at a time. Each laboratory has demarcated preparation room and chemical storage area along with faculty cabinets.



Dadasaheb Balpande College of Pharmacy, Besa, Nagpur

Laboratory Details

S.N.	Laboratory code	Laboratory name	Area in square meter	Preparation room
1	G-19	Pharmaceutics Laboratory (Micro.)	96	Available
2	G-20	Pharmaceutics Laboratory DFT	96	Available
3	F-9	Pharmaceutics Laboratory (PP)	95	Available
4	F-11	Pharmaceutics Laboratory (General and Dispensing)	95	Available
5	F-12	Human Anotomy and Physiology Lab	95	Available
6	F-14	Pharmacology Laboratory	95	Available
7	S-9	Research Lab 1 (PG)	78	Available
8	S-10	Research Lab 2 (PG)	78	Available
9	S-11	Research Lab 3 (PG)	78	Available
10	S-12	Research Lab 4 (PG)	78	Available
11	T-5	Pharmaceutical Chemistry Lab (Analysis)	103	Available
12	T-7	Pharmaceutical Chemistry Lab (Organic)	103	Available
13	T-8	Pharmaceutical Chemistry Lab (Medicinal Chemistry)	103	Available
14	T-10	Pharmacognosy and Phytochemistry Lab	103	Available
15	F-15	Animal House	87	Available
16	T-4	Seminar Hall	215	NA
17	T-1	Library	262	NA
18	T-11	Computer Room	150	NA
19	G-23	Machine Room	81.38	Available
20	G-22	Asceptic Room	30	Available
21	S-14	Central Instrument Room	75	Available
22	G-21	Store Room 1	30	NA
23	G-27	Store Room 2	22	NA



Sr. No.	Name of Equipment	Make	Quantity	Cost (Approx)	Year of Purchase
1.	HPLC (Binary Gradient)	Schimidzu Prominence	01	14,50,000/-	2017
2.	FT-IR (DRS, NaCl liq. Cell)	Schimidzu IR-Affinity	01	13,07,643/-	2017
3.	Dissolution test apparatus (8basket)	Electrolab	01	2,90,000/-	2016
4.	Disintegration test apparatus	Electrolab	01	85,000/-	2016
5.	Tap density test apparatus	Electrolab	01	77,000/-	2016
6.	Friability test apparatus	Electrolab	01	57,000/-	2016
7.	Digital Centrifuge Machine	Remi	01	69,808/-	2015
8.	Diffusion cell apparatus, 6stage	Orchid	01	73,800/-	2014
9.	Stability chamber	Remi	01	2,18,997/-	2013
10.	Tablet punching machine Combo tooling (D & B type) 10station single rotary automatic	Karnavati	01	4,50,000/-	2013
11.	HPLC	Analytical Technologies	01	2,99,840/-	2012
12.	UV-VIS spectrophotometer	Analytical Technologies	01	2,50,160/-	2012
13.	Brookfield Viscometer	Brookfield	01	1,50,000/-	2012
14.	Orbital shaker	Bio-Techniques India	01	33,300/-	2012
15.	Sonicator	Bio-Techniques India	01	21,000/-	2012
16.	Dissolution test apparatus (8basket)	Electrolab	01	1,52,000/-	2012
17.	UV-VIS spectrophotometer	Schimidzu UV-1800	01	3,73,334/-	2006
18.	Cooling micro centrifuge	Remi	01	1,10,000/-	2018

College has advanced equipment's such as FT-IR (DRS, NaCl liq. Cell), HPLC (Binary Gradient), Dissolution test apparatus (8 basket), Disintegration test apparatus, Friability test apparatus, Digital centrifuge machine, Stability chamber, Tablet punching machine combo tooling (D & B type) 10 station single rotary automatic, UV-VIS spectrophotometer, Orbital shaker, Sonicator, Cooling micro centrifuge etc. Advanced software such as Chem Sketch, Drug Likeness, Swees ADME, Protox-II, PyRx are used in Pharmaceutical Medicinal Chemistry laboratory for training and



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research purpose.

Machine room Equipments: • Tablet Machine • Tray dryer • Double cone blender • Capsule filling machine • Ointment filling machine • Crimping machine • Bottle sealing machine • Dissolution test apparatus • Disintegration test apparatus • Friability test apparatus • Hardness tester • Clarity test apparatus • Mechanical stirrer

Lab Description	BatchSize	Availability of manuals	Quality of Instrument	Safty Measures	Remarks
Research Lab 1 (Pharmaceutics)	15	Yes (15 numbers)	All Working	First Aid, Fire Safety (Alarm	NA
Research Lab 2 (Pharmaceutics)	15	Yes (15 numbers)	All Working	First Aid, Fire Safety (Alarm	NA
Research Lab 3 (Pharmaceutical	15	Yes (15 numbers)	All Working	First Aid, Fire Safety (Alarm	NA
Research Lab 4 (Pharmaceutical	15	Yes (15 number)	All Working	First Aid, Fire Safety (Alarm	NA
Pharmaceutics Lab(DFT)	20	Yes	All Working	First Aid, Fire Safety (Alarm	NA
Pharmaceutics Lab (Micro)	20	Yes	All Working	First Aid, Fire Safety (Alarm	NA
Pharmaceutics Lab (PP)	20	Yes	All Working	First Aid, Fire Safety (Alarm	NA
Pharmaceutics Lab (General and	20	Yes	All Working	First Aid, Fire Safety (Alarm	NA
Human Anatomy and Physiology Lab	20	Yes	All Working	First Aid, Fire Safety (Alarm	NA
Pharmacology Lab	20	Yes	All Working	First Aid, Fire Safety (Alarm	NA
Pharmaceutical Chemistry Lab	20	Yes	All Working	First Aid, Fire Safety (Alarm	NA
Pharmaceutical Chemistry Lab	20	Yes	All Working	First Aid, Fire Safety (Alarm	NA
Pharmaceutical Chemistry Lab	20	Yes	All Working	First Aid, Fire Safety (Alarm	NA
Pharmacognosy and Phytochemistry Lab	20	Yes	All Working	First Aid, Fire Safety (Alarm	NA
Computer Room (Lab)	20	Yes	All Working	First Aid, Fire Safety (Alarm	NA

Updated e-NBA SAR for Academic Year 2019-20.

Criteria VI



6.4 Drug Museum (5)

Total Marks 5.00

Institute Marks : 5.00

Well informative drug museum is available at college. Drug museum is divided in to four main divisions as per the core subjects of Pharmacy. Drug samples of several dosage forms are selected and kept in museum for display. Each drug sample is properly labeled with detailed information to communicate with students. These dosage forms are selected from the curriculum given by Pharmacy Council of India.

Basic instruments used for practicals such as burette, pette, funnel, etc. are displayed in front of respective laboratories so that students shall be acquainted with the basic instruments. Samples of plant parts and herbs labeled with detailed information are displayed in front of Pharmacognosy and Phytochemistry laboratory. Models of human body systems are displayed at Pharmacology laboratory.

6.5. Medicinal Plant Garden (5)

Total Marks 5.00

Institute Marks 5.00

(Area, demarcation, temporary/permanent arrangement, planting of plants under the shade in demarcated areas, adequacy of the plants)

Medicinal garden of college is named as "Dhanvantari Medicinal Garden". This garden is spread in 44,000 Sq. Ft. at southern side of the college. More than 110 medicinal plants are present at garden. These plants are selected on the basis of research activities carried out at college. DBCOP received grant from Government of Maharashtra of one lakh rupees (from Maharashtra State Biodiversity Board) for conservation of endangered medicinal plant species. A small bio-fertilizers unit is functional at DBCOPs Dhanvantari medicinal garden. Bio-waste generated from garden is collected and reused as manure processed in bio-fertilizer unit. This manure is used to fortify the plants for their nutritional demand. Arrangement of green shed is made for plants specially in summer to protect them from heat. Plants are adopted by faculty members and students to sensitize them regarding our environment protection responsibility. Each plant is properly labeled for its identity.



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6.6. Non-Teaching Support (20)

Total Marks 20.00
Institute Marks 20.00

Name of the Technical Staff	Designation	Date of Joining	Qualification		Other Technical Skill Gained	Responsibility
			AT joining	Now		
Ms. Shraddha B. Thomare	Librarian	2012-09-01	M. Lib	M. Lib	Library Software Handling Skills	Library incharge
Mr. Chintaman N. Mhatre	Office Superintendent	2006-08-01	B.A. MSCIT	B.A. MSCIT	Computer Skills	Supervision of office work
Mr. Jatin M. Channe	Accountant	2009-08-01	B.A. MSCIT TALLY, APJD, CCNA	B.A. MSCIT, TALLY, APJD, CCNA	Accounting Software Handling Skills, Computer Skills	Accountant
Mr. Sheshraj C. Wath	Computer Data Operator	2013-03-07	B.Com MSCIT, Typing	B.Com MSCIT Typing	Computer Skills, Letter Writing	Clerical work, typing
Mr. Roshan N. Nagpure	Accountant	2019-11-05	B.Com MSCIT TALLY	B.Com MSCIT TALLY	Accounting Software Handling Skills, Computer Handling	Account Book Finalisation
Mrs. Roshani S. Bhowate	Office Staff	2014-02-01	H.S.C..	H.S.C.	Accounts and File Handling	File Handling
Mr. Sanjay Dagade	Laboratory Attendant	2018-08-01	M.Com, B.A.	M.Com, B.A.	Computer Skills	Laboratory work
Mr. Viplav V. Hadke	Laboratory Attendant	2017-08-01	H.S.C. MSCIT, Networking	H.S.C. MSCIT, Networking	Computer Skills, Net Security, Chemical Handling	Laboratory work
Mr. Nandu B. Kadbe	Office Staff	2017-11-07	H.S.C. B.C.C.A (1st)	H.S.C. B.C.C.A (1st)	MHCIT, Computer Skills	File Handling
Ms. Chetana N. Tekam	Admin H.R.	2019-07-01	M.B.A. (HR) MSCIT, TALLY	M.B.A. (HR) MSCIT, TALLY	Software operations, Computer Skills	H.R. Work



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Ms. Seema D. Rambhad	Clerk	2020-01-01	B.A. MSCIT, Tally	B.A. MSCIT, Tally	Computer Skills	Admin work, File Handling
Mr. Manoj N. Dhonde	Laboratory Attendant	2012-06-01	H.S.C. B.A. (1st), MSCIT	H.S.C. B.A. (1st), MSCIT	Computer Skills, File Handling	Laboratory work
Mr. Tekendra H. Bisen	Store Keeper	2015-07-17	Diploma in Agri Sciences, B.Com, MSCIT, Tally, Certificate in Store AutoCad Management	Diploma in Agri Sciences, B.Com, MSCIT, Tally, Certificate in Store AutoCad Management	Store Management	Chemical Handling, Store Keeping
Mrs. Dipmala P. Warghane	Laboratory Technician	2016-03-07	PG DMLT MSCIT	PG DMLT MSCIT	Sophisticated Analytical Instrument Handling	Sophisticated Analytical Instrument Handling
Mr. Mohan L. Gawai	Laboratory Technician	2018-01-01	B.Sc. B .Sc.	B.Sc. B .Sc.	Chemical Handling	Chemical Handling
Mr. Rahul S. Bagade	Senior Laboratory Assistant	2009-07-01	H.S.C. I. T.I. Fitter	H.S.C. I. T.I. Fitter	Machine Operations, Chemical Handling	Machine Operations, Chemical Handling
Mr. Chetan R. Thakare	Laboratory Assistant	2012-01-02	S.S.C. MSCIT	S.S.C. MSCIT	Chemical Handling, Computer Skills	Chemical Handling, Computer Skills
Mrs. Vaishali A. Gakare	Laboratory Assistant	2015-08-01	B.A. B .A.	B.A. B .A.	Chemical Handling, File Handling	Chemical Handling, File Handling
Mr. Jayesh T. Umbarkar	Laboratory Assistant	2016-03-01	B.A. C.C.C.	B.A. C.C.C.	Computer Skills, Chemical Handling, File Handling	Computer Handling, Chemical Handling, File Handling
Mr. Rohit A. Meshram	Laboratory Assistant	2016-03-01	H.S.C. B.A.(3rd), MSCIT	H.S.C. B.A.(3rd), MSCIT	Chemical Handling Skills, Computer Skills	Chemical Handling, Computer Handling



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Mrs. Trupti Bholwankar	Laboratory Technician	2018-10-01	H.S.C. B.Sc. (1st), MSIT	H.S.C. B.Sc. (1st), MSIT	Chemical Handling, Computer Skills	Chemical Handling, Computer Handling
Ms. Priyanka R. Pilankar	Laboratory Technician	2019-07-01	B.Sc. MSCIT	B.Sc. MSCIT	Chemical Handling, Computer Skills	Chemical Handling, Computer Skills
Ms. Kalpana Dhote	Laboratory Assistant	2019-08-01	B.A. M.A.(1st)	B.A. M.A.(1st)	Chemical Handling, File Handling	Chemical Handling, File Handling
Mr. Manas G. Gadage	Environment Protection Officer	2015-12-01	S.S.C. MSCIT	S.S.C. MSCIT	File Handling	File Handling, Daily Record Keeping
Mr. Pokhanlal B. Matre	General Duty Worker	2006-05-01	S.S.C.	S.S.C.	Driving Skills, Plumbing, File Handling	Driving, General Duty, File Handling
Mr. Sukhicharan Vishwakarma	Bus Driver	2015-07-01	VIIIth	VIIIth	Driving Skills	Bus Driver
Mr. Rafiq Sheikh	Driver	2017-09-04	IVth	IVth	Driving Skills	Driver
Mr. Rameshwar J. Lande	Gardner	2013-07-01	VIIth	VIIth	Gardening	Gardening
Mrs. Mangala R. Lande	General Duty Worker	2013-07-01	IVth	IVth	Housekeeping	Housekeeping
Mrs. Shalini A. Wankhede	General Duty Worker	2013-07-01	S.S.C.	S.S.C.	Housekeeping	Housekeeping
Mrs. Vaishali V. Karnayake	General Duty Worker	2013-07-01	S.S.C.	S.S.C.	Housekeeping	Housekeeping
Mrs. Indira Patil	General Duty Worker	2017-11-01	H.S.C.	H.S.C.	Housekeeping	Housekeeping
Mr. Roshan Goswami	Laboratory Attendant	2019-09-23	M.S.W. MSCIT, ADITI	M.S.W. MSCIT, ADITI	Computer Skills	Chemical handling, file handling



6.6.1 Availability of adequate and qualified technical supporting staff for program specific laboratories (10)

Total Marks 10.00

Institute Marks : 10.00

Institute has adequate and qualified technical supporting staff for each laboratory as per directed by regulatory authorities. This has been described in detail in following table.

Availability of supporting staff in each laboratory

S.N.	Name of the laboratory	Laboratory Technician	Laboratory Assistant / Attendant
1.	Pharmaceutics Lab (DFT)	Mrs. Dipmala P. Warghane	Mr. Chetan R. Thakare
2.	Pharmaceutics Lab (Micro)	Mrs. Dipmala P. Warghane	Mr. Rahul S. Bagade
3.	Pharmaceutics Lab (Physical Pharmacy)	Mrs. Dipmala P. Warghane	Mr. Rohit A. Meshram
4.	Pharmaceutics Lab (General and Dispensing)	Mrs. Dipmala P. Warghane	Mr. Roshan Goswami
5.	Human Anatomy and Physiology Lab	Mr. Mohan L. Gawai	Mr. Sanjay Dagade
6.	Pharmacology Lab	Mr. Mohan L. Gawai	Mr. Jayesh T. Umredkar
7.	Pharmaceutical Chemistry (Analysis)	Mrs. Trupti Bholwankar	Ms. Vaishali A. Gakare
8.	Pharmaceutical Chemistry (Organic)	Mrs. Trupti Bholwankar	Ms. Kalpana Dhote
9.	Pharmaceutical Chemistry (Medicinal)	Ms. Priyanka R. Pilankar	Mr. Viplav V. Hadke
10.	Pharmacognosy and Phytochemistry Lab	Ms. Priyanka R. Pilankar	Mr. Manoj Dhonde



6.6.2 Incentives, skill upgrade, and professional advancement (10) Total Marks 10.00

Institute Marks : 10.00

Incentives:

As per the institutional policies, non-teaching and supportive staff members are provided with the incentives for their better performance in handling their job responsibilities. Their outstanding work is appreciated and honoured with the certificates and financial support on eve of teacher's day celebration every year. They are encouraged and appreciated with due recognition and financial increment for upgrading their qualification.

Skill upgrade:

Non-teaching and supporting staff members are encouraged to upgrade their skills regularly through academic qualification, attending workshops / training. Orientation of newly joined supporting staff member is done on handling of equipments, chemicals and laboratory management by respective faculty incharge of the laboratory. Every year college organises one day workshop for supporting staff on "Interpersonal Skills at Workplace" to polish their interpersonal skills and improve productivity. Evaluation on skill upgrade is done every year. Skill upgrading is a parameter for consideration in performance evaluation and annual salary increment. College encourage supporting staff members to participate in cultural, sports and professional activities to upgrade their overall personality.

Professional advancement:

Institute encourage non-teaching and supporting staff members to upgrade their qualification to facilitate their professional advancement. Performance is evaluated on the basis of set parameters for the professional advancement and annual increment of the supporting staff members.



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Criteria 7: CONTINUOUS IMPROVEMENT (75)

Total Marks 71.96

7.1 Improvement in Success Index of Students without the backlog (15)

Total Marks 15.00

Institute Marks : 15.00

Items	2016-17 (LYG)	2015-16 (LYGm1)	2014-15 (LYGm2)	2013-14 (LYGm3)
Success Index (from 4.2.1)	0.36	0.11	0.17	0.17

7.2 Improvement in Placement and Higher Studies (15)

Total Marks 15.00

Institute Marks : 15.00

Items	2016-17 (LYG)	2015-16 (LYGm1)	2014-15 (LYGm2)	2013-14 (LYGm3)
Placement Index (from 4.7)	0.73	0.82	0.98	0.86

7.3 Improvement in the API of the Final Year Students (10)

Total Marks 6.96

Institute Marks : 6.96

Academic Performance	2016-17 (LYG)	2015-16 (LYGm1)	2014-15 (LYGm2)	2013-14 (LYGm3)
Mean of CGPA or mean percentage of all successful students(X)	8.74	7.26	7.15	7.26
Total number of successful students(Y)	45	42.00	43.00	50.00
Total number of students appeared in the examination(Z)	45	45.00	45.00	50.00
API [$X \cdot (Y/Z)$]:	8.74	6.88	6.87	7.26

Average API [$(AP1 + AP2 + AP3)/3$] : 7.49

Academic Performance= Average API = [$(AP1 + AP2 + AP3)/3$] : 7.49



7.4 Improvement in the quality of students admitted to the program (15) Total Marks 15.00

Item		2019-20(CAYm1)	2018-19 (CAYm2)	2017-18 (CAYm3)	2016-17 (CAYm4)
National Level Entrance Examination NEET	No of students admitted	07	08	00	00
	Opening Score/Rank	80.73	242	00	00
	Closing Score/Rank	31.00	33	00	00
State/ University/ Level Entrance Examination/ Others MHT-CET	No of students admitted	54	49	57	60
	Opening Score/Rank	96.14	109	105	139
	Closing Score/Rank	3.51	46	46	44
Name of the Entrance Examination for Lateral Entry or lateral entry details	No of students admitted	13	11	9	22
	Opening Score/Rank	85.90	86	83.10	83.30
	Closing Score/Rank	74.60	53.5	49.90	54
Average CBSE /Any other board result of admitted students(Physics, Chemistry & Maths)		178	185	172	188
Average CBSC or Any other Board Result of Admitted Students Lateral Entry (MSBTE)		81.81%	74.58%	71.41%	71.90%



7.5 Actions taken based on the results of evaluation of each of the POs (20)

Total Marks 20.00

Institute Marks : 20.00

POs Attainment Levels and Actions for Improvement- (2019-20)

POs	Target Level	Attainment Level	Observations
PO1: Pharmacy Knowledge			
PO1	2.15	2.15	High
Comment: No action Required as target was achieved			
PO2: Planning Ability			
PO2	1.65	1.65	High
Comment: No action Required as target was achieved			
PO3: Problem Analysis			
PO3	1.65	1.66	High
Comment: No action Required as target was achieved			
PO4: Modern Tool Usage			
PO4	1.56	1.56	High
Comment: No action Required as target was achieved			
PO5: Leadership Skills			
PO5	1.30	1.30	High
Comment: No action Required as target was achieved			
PO6: Professional Identity			
PO6	1.41	1.41	High
Comment: No action Required as target was achieved			
PO7: Pharmaceutical Ethics			
PO7	1.35	1.31	High
Comment: No action Required as target was achieved			
PO8: Communication			
PO8	1.29	1.28	High
Comment: No action Required as target was achieved			
PO9: The Pharmacist and Society			
PO9	1.39	1.40	High
Comment: No action Required as target was achieved			
PO10: Environmental and Sustainability			
P10	1.33	1.34	High
Comment: No action Required as target was achieved			
PO11: Lifelong Learning			
P11	1.60	1.60	High
Comment: No action Required as target was achieved			



POs Attainment Levels and Actions for Improvement- (2018-19)

POs	Target Level	Attainment Level	Observations
PO1: Pharmacy Knowledge			
PO1	2.71	1.98	Medium Possess knowledge and comprehension of the core and basic of Pharmaceutical sciences
<p>Comment: Action 1: Identified subject teacher demonstrated the mechanism such as size reduction, size separation etc through demonstration on machines, showed some online videos to correct their concepts related to PO.</p> <p>Action 2: Identified subject teacher demonstrated various concepts, prepared some interesting PowerPoint presentations for clearing the basics in pharmaceutical microbiology to achieve respective PO</p>			
PO2: Planning Ability			
PO2	1.86	1.58	Medium Demonstrate effective planning abilities including time management.
Comment: Action 1: Subject teacher took revision for improving their concepts in the subject.			
PO3: Problem Analysis			
PO3	1.87	1.57	Medium Utilize the principles of scientific enquiry, thinking analytically.
Comment: Action 1: Subject teacher demonstrated the chemical mechanism in practical lab like aqueous non aqueous titration, handling of instrumentation which explains the detail concept to accomplish the PO.			
PO4: Modern Tool Usage			
PO4	1.60	1.45	High Learn, select, and apply appropriate methods and procedures
Comment: No action required as target was achieved.			
PO5: Leadership Skills			
PO5	1.20	1.24	High Understand and consider the human reaction to change, motivation and lead
Comment: No action required as target was achieved.			
PO6: Professional Identity			
PO6	1.42	1.34	High Understand, analyze and communicate the value of their professional identity
Comment: No action required as target was achieved.			
PO7: Pharmaceutical Ethics			
PO7	1.19	1.23	High Honour personal values and apply ethical principles in profession.
Comment: No action required as target was achieved.			
PO8: Communication			
PO8	1.20	1.24	High Communicate effectively with the pharmacy



			community and with society
Comment: No action required as target was achieved.			
PO9: The Pharmacist and Society			
PO9	1.31	1.30	High Apply reasoning informed by the contextual knowledge to assess healthcare need of society.
Comment: No action required as target was achieved			
PO10: Environmental and Sustainability			
P10	1.25	1.26	High Understand the impact of the professional pharmacy solutions in societal context.
Comment: No action required as target was achieved.			
PO11: Lifelong Learning			
P11	1.70	1.49	High Recognized the need for , and have the preparation and ability to engage independent lifelong learning.
Comment: No action required as target was achieved.			

POs Attainment Levels and Actions for Improvement- (2017-18)

POs	Target Level	Attainment Level	Observations
PO1: Pharmacy Knowledge			
PO1	2.60	1.88	Medium: BP106 T (Remedial Maths) Medium: BP 201 T (Human Anatomy and Physiology) Medium BP 204 T (Pathophysiology & Clinical Biochemistry)
Comment: Action Taken: BP 106 (Remedial Maths): Assignments based on the curriculum was taken. Students were asked to practice the mathematical problems more in tutorial class. Action Taken BP 201 T (Human Anatomy and Physiology): The contents were illustrated with the help of charts and models. Action Taken BP 204 T (Pathophysiology & Clinical Biochemistry): Concepts were simplified with animated videos and power point presentations to illustrate diseases			
PO2: Planning Ability			
PO2	1.97	1.60	Medium: BP106 T (Remedial Maths) Medium: BP 201 T (Human Anatomy and Physiology) Medium BP 204 T (Pathophysiology & Clinical Biochemistry)
Comment: Action Taken: BP 106 (Remedial Maths): Students were asked to solve the mathematical numerical more regularly in a given timeline. Action Taken BP 201 T (Human Anatomy and Physiology): Practicals which aligned with theoretical concepts were assigned to students to perform in the lab. The students were asked to sketch the diagrams and illustrations for the conceptual clarity of subjects. Action Taken BP 204 T (Pathophysiology & Clinical Biochemistry): Case studies based on pathophysiological conditions were given to students and its outcome was			
PO3: Problem Analysis			
PO3	1.94	1.58	Low: P 302 Pharmaceutical Medicinal Chemistry - I



			Low: P 310 Pharmacognosy and Phytochemistry Low: C 306 Regulatory Affairs
Comment: P 302 Pharmaceutical Medicinal Chemistry - I - The students were unable to compute Pharmacopoeial assay. The process of calculation was demonstrated by using example. Students were unable to evaluate physicochemical parameters. It was explained by case study. P 310 Pharmacognosy and Phytochemistry : Students were unable to separate and isolate phytoconstituents. The process of separation and isolation was demonstrated with certain chromatographic techniques.			
PO4: Modern Tool Usage			
PO4	1.72	1.47	High
Comment: No action required as target was achieved.			
PO5: Leadership Skills			
PO5	1.41	1.33	High
Comment: No action required as target was achieved.			
PO6: Professional Identity			
PO6	1.55	1.39	High
Comment: No action required as target was achieved.			
PO7: Pharmaceutical Ethics			
PO7	1.45	1.35	High
Comment: No action required as target was achieved.			
PO8: Communication			
PO8	1.38	1.32	High
Comment: No action required as target was achieved.			
PO9: The Pharmacist and Society			
PO9	1.50	1.39	High
Comment: No action required as target was achieved.			
PO10: Environmental and Sustainability			
P10	1.45	1.36	High
Comment: No action required as target was achieved.			
PO11: Lifelong Learning			
P11	1.79	1.53	High
Comment: No action required as target was achieved.			



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POs Attainment Levels and Actions for Improvement- (2016-17)

POs	Target Level	Attainment Level	Observations
PO1: Pharmacy Knowledge			
PO1	2.77	1.96	Medium PO1 deals with fundamental knowledge of Pharmacy.
Comment: Action 1: Teachers of respective subjects are counseled and guided by Principal and senior faculty members to make modifications in pedagogy. Action 2: For subject Pharmaceutical Validation (C312) -Demonstrations, Brain storming, group activity were given on topics such as GMP, cGMP, GLP and guidelines of apex bodies are adopted to meet the given target. Action 3: For subject Clinical Pharmacy (C305) - Industrial visit, animations, power-point presentations, and other interactive tools are planned to meet the target level.			
PO2: Planning Ability			
PO2	2.15	1.65	Medium PO 2 deals with skills in planning abilities.
Comment: Action 1: Teachers of respective subjects are counseled and guided by Principal and senior faculty members to make modifications in pedagogy. Action 2: Modifications in teaching methodologies such as assignments, group activity, industrial visit, revisions were planned for C301 (Pharmaceutics V), C305 (Clinical Pharmacy), C306 (Regulatory Affairs), C307 (Pharmaceutics VI), C312 (Pharmaceutical Validation). Action 3: Extracurricular and Co-curricular activities are planned to meet the target.			
PO3: Problem Analysis			
PO3	2.09	1.62	Medium PO 3 deals with skills on Problem Analysis.
Comment: Action 1: Teachers of respective subjects are guided to change their teaching methodologies to meet the target. Action 2: Assignments, group activity, charts, revision are adopted for C311 (Clinical Pharmacotherapeutics).			
PO4: Modern Tool Usage			
PO4	1.84	1.52	Medium PO 4 deals with skills in Modern tool usage.
Comment: Action 1: Concept simplification by animation videos, power-point presentations are planned for subject C303 (Pharmacology). Action 2: Theoretical concepts are explained in practicals by demonstrations for subject C301 (Pharmaceutics).			
PO5: Leadership Skills			
PO5	1.46	1.32	High
Comment: No action required as target was achieved.			
PO6: Professional Identity			
PO6	1.56	1.36	High
Comment: No action required as target was achieved.			
PO7: Pharmaceutical Ethics			
PO7	1.50	1.33	High
Comment: No action required as target was achieved.			
PO8: Communication			
PO8	1.38	1.27	High
Comment: No action required as target was achieved.			



PO9: The Pharmacist and Society			
PO9	1.43	1.29	High
Comment: No action required as target was achieved.			
PO10: Environmental and Sustainability			
P10	1.38	1.28	High
Comment: No action required as target was achieved.			
PO11: Lifelong Learning			
P11	1.71	1.43	High
Comment: No action required as target was achieved.			



8. STUDENT SUPPORT SYSTEMS (50)

Total Marks 50.00

8.1. Mentoring system to help at individual levels (5)

Total Marks 5.00

Institute Marks : 5.00

Institute has well defined mentoring system. Class Guardian (teacher) is appointed by Principal for every class as a class mentor. Issues related to leave, marks, attendance, and communication with parents is handled by class guardian / teacher. Class Guardian is first point of contact for any problems of students.

Under teacher guardian mentoring system each faculty member is assigned with fifteen students as mentee. Teachers regularly hold meeting with their mentee to know about their progress and problems. Details regarding health history, parents contact, food habits, are maintained with each mentee. Issues related to food, accommodation, financial problems, health, studies, marks, ragging are discussed with mentors. Students are regularly guided and mentored on opportunities in higher education, preparation for competitive examination by class teachers, teacher guardian and guest lectures. Counseling for depression and performance improvement is regularly practiced. Senior students are advised to guide and support new students.

8.2. Feedback analysis and reward /corrective measures taken, if any (10)

Total Marks 10.00

Institute Marks: 10.00

Yes, well defined 360 degree feedback mechanism is implemented at Dadasaheb Balpande College of Pharmacy. Main objective of obtaining the feedback is to generate factual information through transparent mechanism in order to make continuous improvement in quality of educational services by DBCOP. Feedback mechanism is developed by feedback committee which is then approved from Academic council. Feedback is taken in presence of 75% of quorum at end of every semester. Feedback is obtained in presence of Principal, collected feedback form is then analyze using simple statistical tools. All the parameters mentioned in the feedback are analyzed. The ability of teaching with respect to each parameter is analyzed and a report is generated for each faculty for every course. Basis of reward / corrective measures, if any: 1. The feedback report is sent to the Head of the institution to review for necessary measures. 2. Rewards are given to the faculties with good feedback by appreciation in staff meetings. Outstanding contribution is recognized by honoring certificates to performers on eve of Teachers day celebration every year. 3. Faculty handling subjects are counselled to enhance their teaching and overcome their weakness for further improvement. 4. The faculty is instructed to refer more reference books in the library to enhance their knowledge in the specific subject. 5. Faculties are instructed to attend the faculty development programs of their respective subjects.



8.3. Feedback on facilities (5)

Total Marks 5.00

Institute Marks: 5.00

Feedback on facilities obtained every year from students. Their opinions are evaluated on facilities provided by college including library, computing facilities, canteen, sports etc. Feedback collected from students is analyzed and necessary action is taken. Changes have been made in library timings as per the suggestions given by students in feedback. Facilities have been upgraded in canteen as per the student's feedback. Suggestion box are installed at every floor, students are encouraged to give their suggestions / comments for facilities through suggestion box. Suggestion box are opened twice in a week by Principal to take necessary action.

8.4. Self-Learning (5)

Total Marks 5.00

Institute Marks: 5.00

Self-learning is facilitated through Library, Digital library (centralized in college) for Literature Database including DELNET, Smart classroom, Web based learning i.e MOOCs (NPTEL, SWAYAM, YouTube, google classroom (independently by students), Club activities, Assignments, Seminars, workshops, Symposiums and Exhibitions, Industrial visits, CD ROMs, and Simulation study.

1	Library	<ul style="list-style-type: none">• The college library provides information and ideas that are fundamental to functioning successfully in today's information and knowledge based society.• College library equips students with learning skills and develop the knowledge.• Sufficient number of volumes and titles of books on core and applied areas of pharmaceutical sciences.• Book Bank Facility.• Books on competitive exams. Motivational books, Novels are available.
2	Digital Library	<ul style="list-style-type: none">• Sufficient systems with multimedia facilities.• Institutional membership of DELNET, a library• Networking database.• Internet facility
3	Smart Classroom	<ul style="list-style-type: none">• All classrooms are equipped with projector set-up, and audio systems.• Interactive board is available at conference room.
4	Web based learning	<ul style="list-style-type: none">• The internet is an open information system in which various sources of information, media and materials such as texts, images, video sequences can be linked together in diverse



		<p>ways to form so-called self-learning environment.</p> <ul style="list-style-type: none">• Internet offers new possibilities to structure, represent, adopt and integrate various learning content and Materials.• Students are promoted to opt topic related videos and material from online resources.
5	Club Activities	<ul style="list-style-type: none">• Competitive examination club• National Service Scheme /Unnat Bharat Abhiyan Unit
6	Assignments	<ul style="list-style-type: none">• It enabled students to go through the topics in a more elaborate manner in order to explore the academic topic which lead to an overall better learning experience for Students.• Assignments help the students to understand the subject in a more detailed pattern.• Faculty will conduct assignments on regular basis of every subject and these are graded.
7	Seminars, workshops, Symposiums and Exhibitions.	<ul style="list-style-type: none">• A seminar is group meeting led by an expert that focuses on specific topic or discipline such as emerging technologies, job searches or a literature based field.• Presence in seminar will have numerous benefits to a student like improving communication skills, gaining expert knowledge, networking with others and renewing motivation and confidence.• Seminars are conducted frequently in the college and the seminars offer students to interact with industry experts, research persons, entrepreneurs and small business partners.• Science exhibition.
8	Industrial visits	<ul style="list-style-type: none">• It helps students gain first-hand information regarding functioning of the industry.• Provides an opportunity to plan, organize and engage in active learning experiences both inside and outside class room.• Provides an inside into the real working world.• Helps them to see their future place in the working world.• Helps to enhance their interpersonal skills and communications.• Helps to understand the industrial practice.• Industrial visit is a part of college curriculum during which students visit companies and get insight regarding the internal working environment of a company.
9	CD ROMs, Simulation study	<ul style="list-style-type: none">• Some subject requires demonstration and simulations of content to better understand concept.



8.5. Career Guidance, Training, Placement (10)

Total Marks 10.00

Institute Marks : 10.00

Facilities:

The Institution has a Training and Placement Cell. The cell provides regular focus on career guidance, training and placement under the guidance of T & P in-charge Dr. Amol Warokar. The cell organizes career guidance lectures, Training on industrial aspects, soft skills session, seminars, conferences and continue meetings to help and inspire students to select the right career. This will help to make students aware about entrance examinations, industry scenario, interview tips, and soft skills requirements in various fields. For higher studies cell informed and updated about the format and design of the examination; the eligibility criteria; and the frequency/duration/syllabus components and other features of different examinations for further studies.

Career counseling is carried out by arranging guest lectures on various topics to guide students to select career and generate interest in different fields of course. The cell provides services to the students for their placements. The institution helps students to identify their field of interest for their careers, and higher education.

Functions and Responsibilities of Training and Placement Cell:

- To arrange industrial visits/training for the students
- The main objective of the cell is to train and motivate the students to become job creators rather than job seekers.
- To arrange guest lectures/seminars by resource persons with industrial and research background.
- To make communication with industries/alumni for job opportunities.
- To establish linkage with the various industries and laboratories to get associated with and to pursue collaborative research projects.

Facility Management:

- The students are groomed through lectures on aspects of pre-requisites for facing interviews such as preparing an effective prototype resume and effective measures and presentation skills to face an interview.
- The students are also counselled for taking up higher studies.
- Institute organizes industrial visits to various pharmaceutical industries for getting an opportunity for students to understand the working culture of the industry.
- As a part of curriculum, third year and final year B. Pharm. students undertake industrial training.



Item	2016-17 (LYG)	2015-16 (LYGm1)	2014-15 (LYGm2)	2013-14 (LYGm3)
Total number of final year students (N)	45	45	45	50
Number of students placed in industries / hospitals/ Government sector through on/off campus recruitment or opted for Entrepreneurship (X)	07	13	18	14
Number of students admitted to higher studies with valid scores in various qualifying exams (Y)	26	24	26	29
Placement Index ((X+Y)/N)	0.73	0.82	0.98	0.86

8.6. Entrepreneurship Cell (5)

Total Marks 5.00

Institute Marks : 5.00

Institute has separate Entrepreneurship Development cell which helps student to initiate for Entrepreneurship activities. Faculty development program was organised for faculty members of different colleges on New Avenues of Entrepreneurship and Start-up Incubation from 16th-27th Dec 2019.

8.7. Co-curricular and Extra-curricular Activities (10)

Total Marks 10.00

Institute Marks: 10.00

Teaching in DBCOP is not confined to classroom lectures. Emphasis is also given to overall development of students through co-curricular and extracurricular activities. Strategies and policies of the institution are framed to promote overall development of students. We promote active involvement in participation and management of students in these activities.

Every academic year, along with academic excellent awards, awards are also given to students actively participating in these activities.

Co-Curricular Activities:

Every year numbers of activities such as value added course, seminars/workshops/conferences which involve paper/oral presentation, quiz, project



competition, elocution, debate etc. were organized.

Students exhibit their skills by active participation, organization of these programs. Faculty members guides student for organizing these events and making the event successful. Which provides a platform for nurturing the passion, interest and talent.

Students are also promoted to take part in co-curricular activities organized by other institutions/organization to acquire knowledge, to interact and identify new horizon. Development of Professional, ethical, technical, team efforts etc skills are the major outcomes of the programs

Extra -Curricular Activities: The institution has a good supportive environment to encourage students to participate in the extra -curricular activities of their interest. The cultural and sports team give opportunities for the students to display their talents. Activities are undertaken throughout the year.

Involvements in various co-curricular and extracurricular activities are listed below.

- ✓Participation in technical symposium
- ✓Participation in various club activities
- ✓Participation in project exhibition
- ✓Attending value added courses learning
- ✓Conference presentation
- ✓Attending workshops
- ✓Attending guest lectures
- ✓Participation in annual day and sports day events
- ✓Participation in NSS and Unnat Bharat Abhiyan
- ✓Participation in sports
- ✓Participation in road safety programs, blood donation camps etc.



9. GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES (100) Total Marks 100.00

9.1 Organization, Governance and Transparency (50) Total Marks 50.00

9.1.1. Governing body, administrative setup, functions of various bodies, service rules procedures, recruitment and promotional policies (10)

Institute Marks: 10.00

Role and Responsibilities of Governing Body:-

1. To make necessary provisions for resources.
2. To make necessary provision for quality infrastructure.
3. To prepare, amend, approve, execute and monitor policies for development of DBCOP.
4. To set-up different committees for smooth functioning of administrative and academic activities at college.
5. To formulate feedback mechanism and monitor its functionality.
6. To monitor and evaluate functioning of administrative and academic committees.
7. To approve budget for academic year.
8. To review overall progress of college

Composition of Governing Body:-

Members		
S.N.	Name	Introduction of Members
01	Shri Manoj V. Balpande	Shri Manoj V. Balpande is renowned athlete who has several records to his credit. He is involved in many social activities and initiated several social projects for the overall development of society as a large. He is President of Ambe Durga Education Society, Nagpur.
02	Dr (Mrs.) Ujwala Mahajan	Dr (Mrs.) Ujwala Mahajan has teaching and administrative experience of twenty two years. She has published several research and review papers and attended many national and international conferences, workshops, seminars.
03	Shri Umesh V. Balpande	Shri Umesh V. Balpande is a reknown businessman from the region, he is also involved in social activities.
04	Smt. Vibhatai O. Chafle	Smt. Vibhatai Chafle is known for her selfless contribution in society. She has initiated several



		social activities for the benefits of society. She is Secretary of Ambe Durga Education Society, Nagpur.
05	Shri Girish V. Gadge	Shri Girish V. Gadge is retired Civil Servant who is now involved actively in social activities. He is a passionate athlete trainer and recipient of Chattrapati Award.
06	Adv. Nishant K. Narnaware	Shri Nishant K. Narnaware is advocate by profession. He is involved in social activities.
07	Shri Amar D. Kane	Shri Amar D. Kane is reknown social activist.
08	Regional Officer	AICTE Nominee
09	Prof. Dr Prafull Sabale	Dr Prafull Sabale has twenty years of teaching and administrative experience. He is working as Professor at RTM Nagpur University. He has guided several P.G. and Ph. D students, and has published papers in reputed journals.
10	Dr Jignesh Doshi	Representative from Pharma Industry
11	Shri Suresh Jinturkar	Representative from Pharma Industry
12	Dr Nilesh Mahajan	Dr Nilesh Mahajan is working as Associate Professor, DBCOP. He has published several papers in reputed journals and conferences.
13	Dr Ajay Pise	Dr Ajay Pise is working as Associate Professor, DBCOP. He has published several papers in reputed journals and conferences.

Role and Responsibilities of Academic Council:-

1. The maintenance of academic standards, planning, co-ordination, development oversight, validation and review of the curriculum and all academic work of the institution and advising the Governing Body on the resource implications of such planning.
2. To encourage industry-institute collaboration for promotion of research and innovations.
3. To monitor functioning of academic activities at college.
4. To approve academic plan and academic calendar.
5. To regulate policies and procedures for assessment and examination of students.
6. To prepare, amend, approve, execute and monitor academic policies for development of DBCOP.
7. The development of teaching methods and courses.
8. To monitor and evaluate functioning of administrative and academic committees.



9. To review overall progress of college.

Members			
S.N.	Name	Designation	Role in committee
01	Shri Manoj V. Balpande	President, ADES	Chairperson
02	Dr (Mrs.) Ujwala Mahajan	Principal, DBCOP	Member - Secretary
03	Shri Umesh V. Balpande	Vice-President, ADES	Member
04	Smt. Vibhatai O. Chafle	Secretary, ADES	Member
05	Shri Girish V. Gadge	Special Invitee, Representative of NGO	Member
06	Adv. Nishant K. Narnaware	Legal Advisor	Member
07	Shri Amar D. Kane	Media Representative	Member
08	Dr Dinesh D. Wasule	Professor, Dept. Cosmetic Technology, LAD College, RTMNagpur University	Member
09	Dr Sujit Mehtre	Dr. Sujit G. Metre Professor, DAIMSR Deeksha Bhoomi, Nagpur	Member
10	Dr Jignesh Doshi	Managing Director, Mapni Healthcare, Nagpur	Member
11	Dr Ajay Pise	Associate Professor, DBCOP	Member

Functions of Internal Quality Assurance Cell:-

1. Development and application of quality benchmarks
2. Parameters for various academic and administrative activities of the institution
3. Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process
4. Collection and analysis of feedback from all stakeholders on quality-related institutional processes
5. Dissemination of information on various quality parameters to all stakeholders
6. Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles
7. Documentation of the various programmes/activities leading to quality improvement
8. Acting as a nodal agency of the Institution for coordinating quality-related activities,



including adoption and dissemination of best practices

9. Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality
10. Periodical conduct of Academic and Administrative Audit and its follow-up
11. Preparation and submission of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC.

Composition of Internal Quality Assurance Cell (IQAC):-

S.N.	Name	Designation	Role in committee
01	Dr (Mrs) Ujwala Mahajan	Principal	Chairperson
02	Mrs. Vaishali Balpande	Management Representative	Management Representative
03	Dr Ajay Pise	Associate Professor	Secretary cum Co-ordinator
04	Dr (Mrs.) Vidya Sabale	Professor	Member
05	Mr. Purushottam Gangane	Assistant Professor	Member
06	Mr Girish Gadge	Representative of NGO	Representative of NGO
07	Ms Namita Tilgule	Alumni	Alunmi Representative
08	Dr Jignesh Doshi	MD, Mapni Healthcare Products	Representative from Industry
09	Dr. C. V. Chelapati Rao	Former Director, NEERI	Member
10	Mr. Chintaman Matre	Clerk, DBCOP	Representative from Supporting Staff
11	Mr. Rohit Mudliyar	President of Student Council	Student Representative

All staff members are governed by service rules adopted by institution. Orientation of new staff is done by senior faculty member, IQAC co-ordinator, Principal and Management Representative on role and responsibilities, service rules, discipline, etc. Recruitment and Promotion is facilitated by Staff Selection Committee of college.



9.1.2 Decentralization in working and grievance redressal mechanism (15)

Institute Marks:15.00

Faculty members are involved in several administrative / decision making committees for various responsibilities. Few are enlisted in following table-

Sr. No.	Name of Committee, Cell, Unit, Program	Secretary, Members, Co-ordinators
01	Academic Monitoring Committee	Secretary: Mr. Purushottam Gangane
		Members:
		Dr. Nilesh M. Mahajan
		Dr. Vinod M. Thakare
		Dr. Amol S. Warokar
		Mrs. Vijayashri V. Rokde
		Mrs. Shilpa Pise
		Ms. Vijaya Rabade
		Ms. Rohini Kharwade
02	Admission Committee	Secretary: Dr. Vinod Thakare
		Admission Inquiry Handling:
		Dr. Vinod M. Thakare
		Dr. Amol S. Warokar
		Mr. Purushottam S. Gangane
		FC Responsibility:
		Mr. Kishor R. Danao
		Mr. Sachin More
		Supporting Members:
		Mr. Chintaman Matre
		Mr. Jatin Channe
03	Alumni Committee	Secretary: Mr. Kishor Danao
		Members:
		Dr. Nilesh M. Mahajan
		Dr. Amol S. Warokar
04	Anti-ragging Committee	Secretary: Mr. Purushottam Gangane
		Members:
		Mr. Vishwanath Kuthe



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		Mr. Amar Kane
		Mr. Pravin Balpande
		Dr. Nilesh M. Mahajan
		Ms. Rohini Kharwade
		Mr. Chintaman Matre
		Student Representatives
05	Examination Committee	Secretary: Dr Vinod Thakre
		Members:
		Mrs. Monali Dumore
06	Grievance Redressal Committee	Secretary: Dr (Mrs) Ujwala Mahajan
		Members:
		Shri Girish Gadge
		Dr Ajay Pise
		Dr Nilesh Mahajan
07	Ladies Grievance Redressal Committee	Secretary: Dr Vidya Sabale
		Members:
		Mrs. Vibhatai Chafle
		Dr. Rupatai Kulkarni
		Ms. Shraddha Thomare
		Student Representatives
08	Library Advisory Committee	Secretary: Ms. Shraddha Thomare
		Members:
		Mrs. Vaishali Balpande
		Ms. Meha Motiwala
		Student Representatives
09	Purchase Committee	Secretary: Dr Vinod Thakre
		Indent of chemicals and record keeping: Dr Vinod Thakre
		Indent of instruments and record keeping: Dr Nilesh Mahajan
		Supporting Members:
		Mr. Tekendra Bisen
		Mr. Jatin Channe



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10	Sports Committee	Secretary: Mr. Sachin More
		Members:
		Mrs. Vijayashri Rokde
		Mr. Kishor Danao
		Mr. Girish Gadge
		Mrs. Dipmala Warghane
11	Student Welfare Committee	Secretary: Ms. Meha Motiwala
		Members:
		Dr. Nilesh Mahajan
		Dr. Vinod Thakre
		Dr. Amol Warokar
		Mrs. Vijayashri Rokde
		Ms. Rohini Kharwade
		Mrs. Monali Dumore
12	Entrepreneurship Development Cell	Secretary: Dr. Ajay Pise
		Members:
		Dr. Amol Warokar
		Ms. Meha Motiwala
		Mr. Sachin Borikar
13	Research and Innovation Cell	Secretary: Dr Nilesh Mahajan
		Members:
		Dr Vidya Sabale
		Dr Vinod Thakre
		Dr Ajay Pise
		Dr Amol Warokar
		Ms. Meha Motiwala
14	Training and Placement Cell	Secretary: Dr Amol Warokar
		Members:
		Dr Nilesh Mahajan
		Dr Ajay Pise
		Ms. Vijaya Rabade
15	Pharmaceutical Care Unit	Co-ordinator: Mr. Sachin Borikar
16	NSS	Co-ordinator:
		Dr Ajay Pise



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		Mr. Sachin More
17	Student Council	Co-ordinator: Dr. Nilesh Mahajan
18	Staff Council	Co-ordinator: Ms. Meha Motiwala
19	Supporting Staff Council	Co-ordinator: Mr. Jatin Channe
20	SWAYAM	Mentor and Co-ordinator: Dr Ajay Pise
21	AAEHC	Co-ordinator: Dr Amol Warokar
22	IP Cell	Co-ordinator: Mrs. Shilpa Pise
23	Scientific Activities	Co-ordinator: Ms. Meha Motiwala
24	Cultural Activities	Co-ordinator: Ms. Meha Motiwala
25	Ganesh Festival Celebration	Co-ordinator: Mr. Purushottam Gangane
26	Freshers' Day Celebration	Co-ordinator: Mrs. Vijayashri Rokade
27	IPC and Industrial Tour	Co-ordinators:
		Mr. Purushottam Gangane
		Dr Amol Warokar
28	Sanskriti	Co-ordinators:
		Ms. Meha Motiwala
29	Farewell	Co-ordinator: Ms. Vijaya Rabade
30	GPAT Club	Co-ordinator:
		Dr Amol Warokar
		Ms. Shilpa Pise
		Ms. Meha Motiwala
31	Media, Website updates, and Promotional activities	Co-ordinator: Dr Vinod Thakre
32	Class In-charge	B. Pharm Ist Year: Mrs. Vijayashri Rokade
		B. Pharm 2nd Year: Ms. Shilpa Pise
		B. Pharm 3rd Year: Ms. Vijaya Rabade
		B. Pharm 4th Year: Dr Amol Warokar
		M. Pharm 1st Year (P'ceutics): Dr Nilesh Mahajan
		M. Pharm 1st Year (P'QA): Dr Vinod Thakare

Grievance Redressal Mechanism at DBCOP:

1. Suggestion boxes located at every floor, details of grievance redressal committee, ladies grievance redressal committee are displayed with contact number of members.



2. Students can also put forward their grievance to teacher guardian, class teacher, iqac co-ordinator or directly to Principal.
3. Once grievance raised by student, it is then communicated to Principal. Analysing the severity and authenticity of grievance Principal takes decision on further action to be taken and communicate with the student and staff.
4. As per the severity of grievance, issue is then bring to the notice of management and parents.
5. After complete satisfaction of the student, grievance is closed.

9.1.3 Delegation of financial powers (15)

Institute Marks: 15.00

Society has authorised Principal for financial decision making from approved budget for respective financial year. At the begining of financial year proposed budget gets sanctioned by academic council and governing body of the institute. HoDs in consultation with faculty members prepare list of requirements. Principal is then invite requirements from Head of the Departments, these requirements are finalised in consultation with Principal, HoDs, and Management representative. Quotaions are invited from companies / agencies for procurement of necessary requirements. After evaluation of quotations, orders are placed and amount is released from the allotted budget.

Rs. 42801493.00 was approved budget for financial year 2019-20, actual expenditure is 32617599.99 Rs. 34134780.00 was approved budget for financial year 2018-19, actual expenditure is 33954744.93. Rs. 30855000.00 was approved budget for financial year 2017-18, actual expenditure is 32843320.93.

9.1.4 Transparency and availability of correct/unambiguous information in public domain (10)

Institute Marks : 10.00

Yes, detail policies, rules, processes regarding financial activities are made available on institute's website. Institute has developed well defined policies on recruitment, admission, examination (examination manual), environment protection etc. These policies are displayed on website to communicate with all stakeholders.

9.2. Budget Allocation, Utilization, and Public Accounting at Institute level (30)

Total Marks 30.00

Total Income at Institute level: For CFY,CFYm1,CFYm2 & CFYm3

CFY : (Current Financial Year),

CFYm1 : (Current Financial Year minus 1),

CFYm2 : (Current Financial Year minus 2) and

CFYm3 : (Current Financial Year minus 3)



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Table 1 - CFY 2019-2020

Total Income 33057931.50				Actual expenditure(till...): 35941952.99			Total No. Of Students 305
Fee	Govt.	Grants	Other sources(specify) Other Income	Recurring including salaries	Non Recurring	Special Projects/ Anyother, specify	Expenditure per student
2895155 0.25	136243 9.25	24560 01	287941.00	22870659.39	1061529 2.60	2456001	117842.47

Table 2 - CFYm1 2018-2019

Total Income 29325592.00				Actual expenditure(till...): 34182073.93			Total No. Of Students 304
Fee	Govt.	Grants	Other sources(specify) Other Income	Recurring including salaries	Non Recurring	Special Projects/ Anyother, specify	Expenditure per student
15569704.25	12211081.75	0	1544806	23909970.93	10272103	0	112441.03

Table 3 - CFYm2 2017-2018

Total Income 25308468				Actual expenditure(till...): 30826180			Total No. Of Students 280
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Any other,specify	Expenditure perstudent
9968782	11097226	0	4242460	19344885	11481295	0	110093.5

Table 4 - CFYm3 2016-2017

Total Income 26813111				Actual expenditure: 28012411.93			Total No. Of Students 287
Fee	Govt.	Grants	Other sources(specify) Other Income	Recurring including salaries	Non Recurring	Special Projects/ Anyother, specify	Expenditure perstudent
12309010	10556607	0	3947494	17124258.68	10888153.25	0	97604.22



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Items	Budgeted in 2019-2020	Actual Expenses in 2019-2020 till	Budgeted in 2018-2019	Actual Expenses in 2018-2019 till	Budgeted in 2017-2018	Actual Expenses in 2017-2018 till	Budgeted in 2016-2017	Actual Expenses in 2016-2017 till
Infrastructure Built-Up	2500000	1716695	1725000	489752	1650000	2784174	1725000	2246375
Library	600000	480507	510000	364792	500000	359231	700000	631134
Laboratory equipment	700000	348795	600000	1033085	2000000	2386387	2000000	2348592
Laboratory consumables	800000	541510.36	535000	1263147.82	1250000	518027	1025000	698993
Teaching and non-teaching staff salary	21955993	19008953	17261856	19011651	12000000	15506005	10550000	11861103
Maintenance and spares	7464000	5391663.32	6544924	5805007.6	5210000	5488328	5165000	5037225
R&D	400000	170010	400000	142350	700000	131560	1060000	692050
Training and Travel	1240000	491759.96	1200000	460375.49	1650000	547502	1545000	1020055
Miscellaneous expenses*	180000	53192.75	120000	118507.38	45000	105249.33	40000	52127.68
Others, specify	6961500	4414513.60	5238000	5266076.64	5850000	5016857.60	5575000	4266151.25
Total	42801493	32617599.99	34134780	33954744.93	30855000	32843320.93	29385000	28853805.93

9.2.1 Adequacy of budget allocation (10)

Institute Marks : 10.00

Every year institutional budget is approved for following headings (items)-

Infrastructure Built-up, Library, Laboratory Equipment, Laboratory Consumables, Teaching and Non-teaching Staff Salary, Maintenance and Repairs, Research and Development, Training and Travel, and Miscellaneous expenses.

Budget is prepared by analysing last years expenditure pattern. It has been seen that deficit of Rs. 10-15 Lakh observed in approved budget and actual expenses in financial year 2016-17 and 2017-18. Budget allocated for infrastructure built-up is adequate and escalated in financial year 2016-17. Budget for library is approximately constant and well utilized for financial year 2016-17, and 2019-20.

As per the need, budget was escalated for financial year 2016-17 and 2017-18 for purchase of laboratory equipments and laboratory consumables. It is also evident that allocated funds



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were adequately utilised for research and development, maintenance and repairs, and training and travels for each financial year.

9.2.2 Utilization of allocated funds (15)

Institute Marks : 15.00

From the balance sheets of financial year 2016-17, 2017-18, and 2018-19 it is evident that 98%, 106.44%, 99.47% budget was utilized for the respective years.

For financial year 2016-17, Rs. 29385000 was allocated as approved budget, for the same year actual expenses were Rs. 28853805.93. Utilisation of the budget was 98%.

For financial year 2017-18, Rs. 30855000.00 were allocated as approved budget, where as actual expenses were escalated more than 06% (Rs. 32843320.93). Total utilization budget for the financial year 2017-18 is 106.44%.

For financial year 2018-19, Rs. 34134780.00 were allocated as approved budget, actual expenses for the same year are Rs. 33954744.93. Utilisation of the budget was 99.47%.

For financial year 2019-20, Rs. 42801493.00 were allocated as approved budget, actual expenses till 15 March 2020 are Rs. 32617599.49. Utilisation of the budget was 76%

9.2.3 Availability of the audited statements on the institute's website (5)

Institute Marks : 5.00

Audited statements are available at institutional website.

9.3. Library and Internet

It is assumed that zero deficiency report was received by the institution, Effective availability and utilization to be demonstrated. (20)

Total Marks 20.00

9.3.1 Quality of learning resources (hard/soft) (10)

Institute Marks : 10.00

Library and Internet facilities are adequate and properly maintained at college. Every year gradual upgradation is maintained in purchase of books in library. Details of library audit are given as-



9.3.2 Internet (10)

Institute Marks: 10.00

Name of the Internet provider	BSNL
Available band width	100 MBPS
WiFi availability	Wi-fi available at whole campus
Internet access in labs, classrooms, library and offices of all Departments	Yes, internet connectivity is provided in labs, classrooms, library and offices of all Departments in college.
Security arrangements	Yes, objectionable sites are blocked from router using keywords