

SELF ASSESSMENT REPORT

Submitted to

2019



JIU's ALI-ALLANA COLLEGE OF PHARMACY

Molgi Road Akkalkuwa, Dist Nandurbar 425415 (M.S.) INDIA

Approved by PCI & AICTE, New Delhi,

Affiliated to Kavayitri Bahinabai Chaudhari

North Maharashtra University, Jalgaon.



Jamia Islamia Isha-atul Uloom's
ALI-ALLANA COLLEGE OF PHARMACY

Molgi Road, Akkalkuwa, Dist. Nandurbar - 425415 (M.S.)
Inst. Code : DTE-5282, NMU - 260097, Approved By P.C.I., A.I.C.T.E., D.T.E., N.M.U., Jaigaon & Govt. of Maharashtra
Ph. No. (02567) 252814, Fax. 252815

Website : www.aacpa.in, E-mail ID : allanabpharmacy@gmail.com

Ref. : JIU / AACPA / 2199

Date : 30/03/2019

To,
The Member Secretary,
National Board of Accreditation,
4th Floor East Tower,
NBCC Place, Bhasham PitamahMarg, Pragati Vihar,
New Delhi-110003

Sub: Submission of the Self-Assessment Report (e-SAR) Institutional Assessment and
Accreditation by NBA from Ali-Allana College of Pharmacy Akkalkuwa,
Dist. Nandurbar, Maharashtra.

Reference Application No: 3047-18/07/2018.

Respected Sir/Madam,

With respect to the subject and reference cited above, here with we are submitting the
Electronic Self-Assessment Report (e-SAR) for your kind consideration and accreditation by
NBA. The above said SAR has been uploaded in the NBA website (www.nba.org) and also in
our college website.

This is for your kind information.

Thanking you,

PRINCIPAL
JIU's Ali Allana College of Pharmacy
Akkalkuwa Dist. Nandurbar



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PART A: Institutional Information**1. Name and Address of the Institution:**

Ali-Allana College of Pharmacy, Akkalkuwa.
Molgi Road Akkalkuwa, Dist. Nandurbar (M.S)

2. Name and Address of the Affiliating University:

Kavayitri Bahinabai Chaudhari
North Maharashtra University, Jalgaon. Post Box No.80
Umavi Nagar Jalgaon 425001 (M.S)

3. Year of Establishment of the Institution: 2006**4. Type of Institution:**

University	
Deemed University	
Autonomous	
Affiliated	√
Any Other (Please specify)	

5. Ownership Status:

Central Government	
State Government	
Grant-in-Aid	
Self-financing	√
Trust	
Society	
Section 25 Company	
Any Other (Please specify)	

6. Other Academic Institutions of the Trust/Society/etc.

Name of Institution	Year of Establishment	Program of Study	Location
Jamia Industrial Training Center Akkalkuwa	1993	ITI	Akkalkuwa
A.G Unani Medical College Akkalkuwa	1996	BUMS	Akkalkuwa
MAKA High School & Jr. College Akkalkuwa	1997	High School Jr. College	Akkalkuwa
Jamia Polytechnic Akkalkuwa	2000	Polytechnic	Akkalkuwa
Jamia Urdu D.Ed. Marathi D.Ed. Akkalkuwa	2003	D.Ed.	Akkalkuwa
Jamia College of Education, Akkalkuwa	2003	B.Ed.	Akkalkuwa
Jamia College of Pharmacy Akkalkuwa	2003	Pharmacy	Akkalkuwa
Jamia Institute of Engineering & Management Studies	2010	Bachelor Engineering	Akkalkuwa
Indian Institute of Medical Science & Research, Badnapur, Aurangabad	2012	MBBS	Badnapur, Aurangabad

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

Sr. No.	Program Name	Year of Start	Intake	Increase in intake if any	Year of Increase	AICTE Approval	Accreditation Status
1	B. Pharmacy	2006	60	N.A.	N.A.	Yes	Applying first time
2	M. Pharmacy Pharmaceutics	2011	18	N.A.	N.A.	Yes	N.A.
3	M. Pharmacy Quality Assurance	2011	18	N.A.	N.A.	Yes	N.A.

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

Sr. No.	Program Name
1	Bachelor of Pharmacy

9. Total Number of employees:

A. Regular Faculty and Staff:

Items		2018-19		2017-18		2016-17	
		Min	Max	Min	Max	Min	Max
Faculty in Pharmacy	M	25	25	26	26	23	23
	F	1	1	1	1	2	2
Faculty in Sciences & Humanities	M	2	2	1	1	2	2
	F	0	0	0	0	1	1
Non-teaching Staff	M	24	24	24	24	24	24
	F	4	4	4	4	4	4

B. Contractual Staff

Items		2018-19		2017-18		2016-17	
		Min	Max	Min	Max	Min	Max
Faculty in Pharmacy	M	0	0	0	0	0	0
	F	0	0	0	0	0	0
Faculty in Sciences & Humanities	M	0	0	0	0	0	0
	F	0	0	0	0	0	0
Non-teaching Staff	M	0	0	0	0	0	0
	F	0	0	0	0	0	0

10. Total Number of Pharmacy Students:

Student Numbers	2018-19	2017-18	2016-17
Total No. of boys	216	189	192
Total No. of girls	33	30	36
Total No. of students	249	219	228

11. Vision of the Institution:

“To serve as a Centre of excellence in pharmacy education for minority students.”

12. Mission of the Institution:

- To provide an opportunity for socially & economically weak section.
- To offer quality education that integrates problem solving and leadership skills.
- Encourage students to become responsible professional for optimum patient care through appropriate use of medicines.

13. Contact Information of the Head of Institution and NBA Coordinator if designated

- | | | |
|---|---------------|--|
| 1 | Name | : Dr. G. J. Khan |
| | Designation | : Professor & Principal |
| | Telephone No. | : 02567-252815 |
| | Fax No. | : 02567-252814 |
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allanabpharmacy@gmail.com |
| 2 | Name | : Dr. Quazi Majaz Ahamad A. |
| | Designation | : Associate Professor |
| | Telephone No. | : 02567-252815 |
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| | Mobile No. | : 9423496792 |
| | Email id | : quazimajaz@gmail.com |

CRITERION 1	Vision, Mission and Program Educational Objectives	50
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1. Vision, Mission and Program Educational Objectives (50)

1.1. State the Vision and Mission (5)

(Vision statement typically indicates aspirations and Mission statement states the broad approach to achieve aspirations.)

The Vision and Mission of the Institute:

Vision

“To serve as a Centre of excellence in pharmacy education for minority students.”

Mission

- To provide an opportunity for socially & economically weak section
- To offer quality education that integrates problem solving and leadership skills
- Encourage students to become responsible professional for optimum patient care through appropriate use of medicines

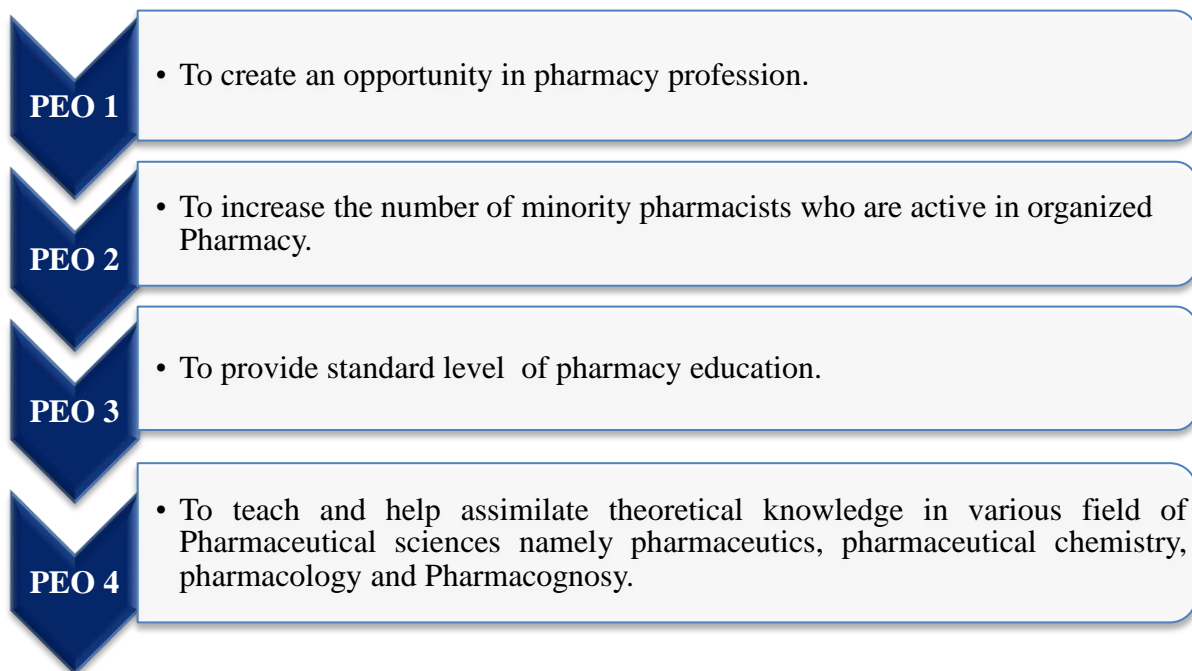
Our Vision and Mission are put in line with the Vision and Mission of the affiliating University, State’s Vision and Mission for minority as well as of the nation. While developing the Vision and Mission, we conducted extensive SWOT to determine where we are in terms of our strengths and weaknesses, and how do we acknowledge the opportunities by minimizing the threats. The Vision is time bound which motivates all stakeholders to achieve parameters of success.

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

(State the Program Educational Objectives (3 to 5) of the program seeking accreditation)

The graduates of Pharmacy Programme B.Pharm have been developed with following attributes:

Program Educational Objectives

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

(Describe where (websites, curricula, posters etc.) the Vision, Mission and PEOs are published and detail the process which ensures awareness among internal and external stakeholders with effective process implementation)(Internal stakeholders may include Management, Governing Board Members, faculty; support staff, students etc. and external stakeholders may include employers, industry, alumni, funding agencies, etc.)

While disseminating our Institute's Vision & Mission we kept adequacy in respect of publication and dissemination as follows.

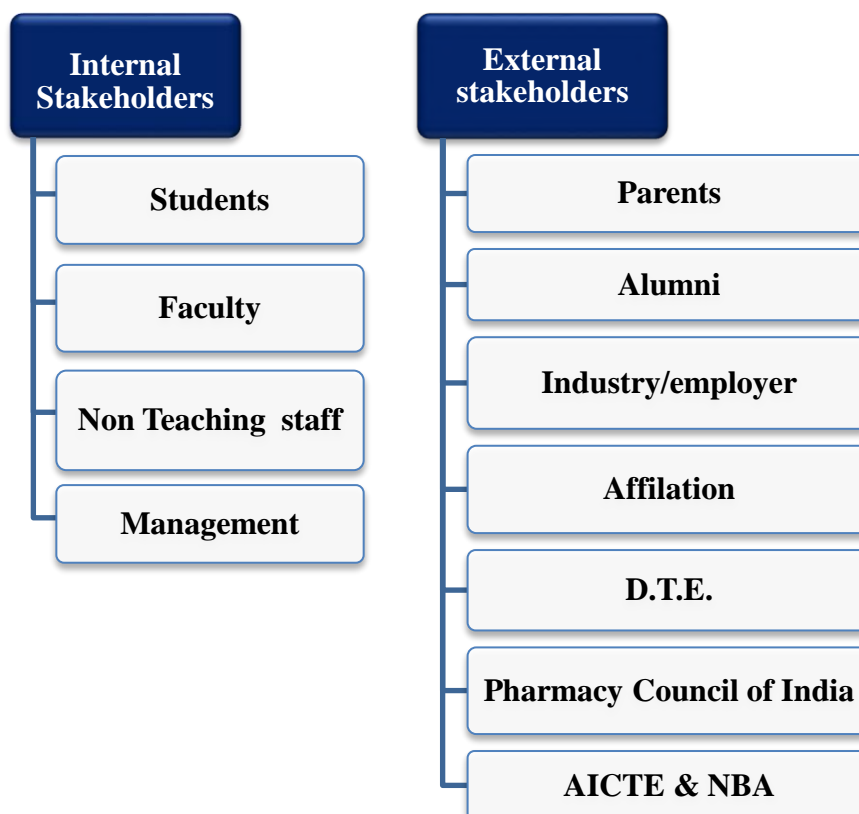
1.3.1. Vision, Mission and PEOs are published and disseminated through;

The vision and mission statements of the Institution is disseminated by displaying in prominent places of the institution including Head of Institution cabin, HODs' rooms, Corridor of college.

- Institute's Website: www.aacpa.in
- Faculty file.
- College notice board.
- Library.
- Practical records
- Tutorial records
- Hostel notice board

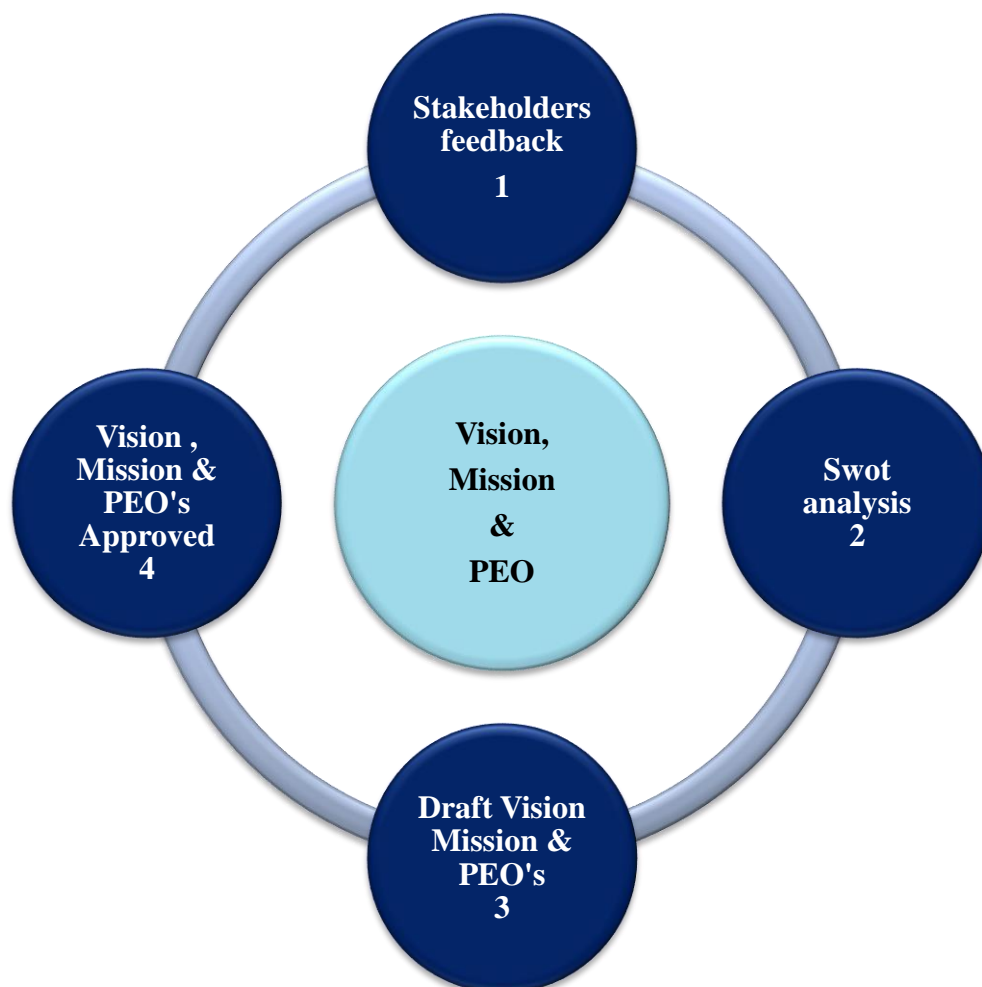
1.3.2 Process of dissemination among stake holders

The process of decoding and articulating the Vision & Mission of the B. Pharm Program of Institute takes into account aspirations, feedback input of the stake holders (students, alumni, parents, industry and academia), societal needs and the vision of the promoting institution



1.3.3. Extent of awareness of Vision, Mission and PEOs amongst stakeholders:

Apart from this, Vision and Mission is disseminated to the stakeholders of the programs through faculty Meetings, student awareness workshops, student induction programs, and parent-teacher meetings etc. The Program Educational Objectives (PEOs) are largely based on the national and state education policies for minority students and are framed in line with the undergraduate pharmacy curriculum developed by the regulating bodies like Pharmacy council of India and All India Council for Technical Education. A cycle indicating effective implementation and dissemination of Vision and Mission to stakeholders is given below:



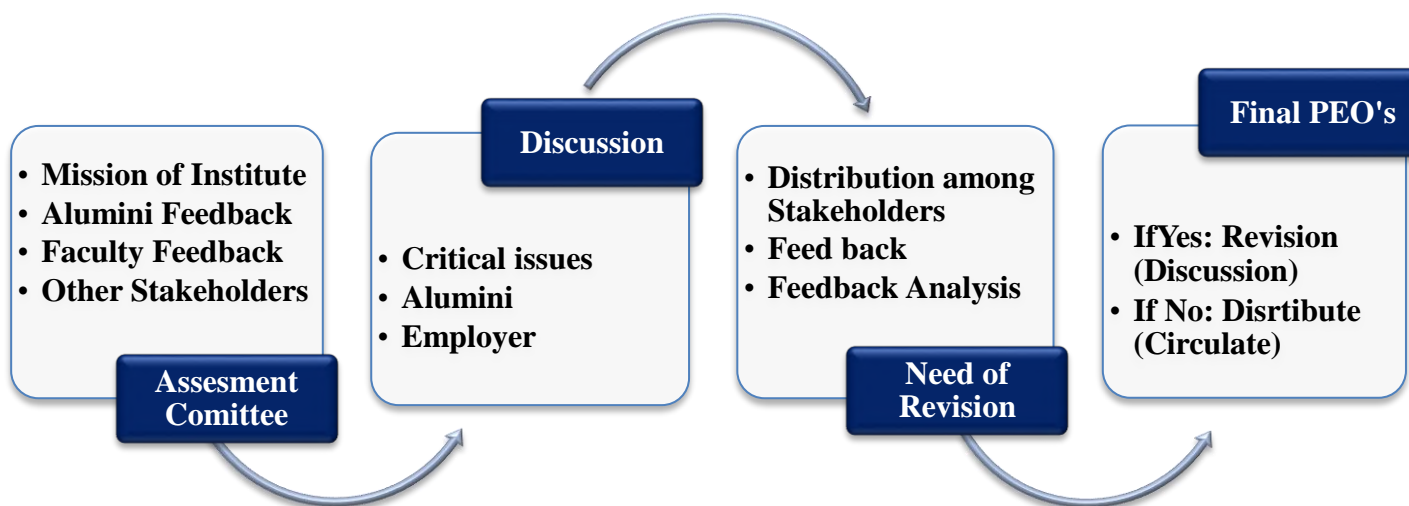
1.4. State the process for defining the Vision & Mission and PEOs of the program (10)

(Articulate the process for defining the Vision, Mission and PEOs of the program)

The Assessment Committee has been formed to ensure appropriate formulation, implementation and review of Vision and Mission statements, and the PEOs.

1.4.1. Description of process involved in defining Vision and Mission of the Institute:

- In the starting phase, the Vision and Mission of University, renowned pharmacy institutes, leading industries, and national education policies were studied to ascertain future global projections in the field of Pharmaceutical Sciences.
- The placement record of the graduates from the Training and Placement cell and higher education records were critically assessed.
- The SWOT analysis was conducted by the Assessment Committee to ascertain its Strengths, Weaknesses, Opportunities and foreseen Threats of the institute. Based on the SWOT analysis, the priority areas were addressed.
- Discussion session of all the faculties was conducted. Few students were also included in the meeting so that they can freely express their ideas.
- The critical areas were listed.
- The draft Vision and Mission statements were prepared.
- The draft Vision and Mission statements were sent to the stakeholders of the Institute (particularly Alumni and Employers) for validation and for further process of articulation of Vision & Mission of the Institute.
- The Vision and Mission statements were finalized by institute Assessment committee.
- The Vision and Mission statements were published and disseminated.



1.4.2. Description of process involved in defining PEOs of the Institute:

- Mission components were studied.
- Needs of the nation and society were identified
- Feedback from alumni
- Feedback of Faculty
- Feedback of other stakeholders
- Discussion session of all the faculties was conducted. Few students were also included in the meeting so that they can freely express their ideas.
- The critical areas were listed.
- The draft PEOs were prepared.
- The draft PEOs were communicated with the stakeholders of the Institute (particularly Alumni and Employers) for validation.
- The PEOs were finalized, published and disseminated

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

(Generate a “Mission of the Institute – PEOs matrix” with justification and rationale of the mapping)

Mapping

Sr. No	PEO Statements	M ₁	M ₂	M ₃
PEO 1	To create an opportunity in pharmacy profession	3	3	3
PEO 2	To increase the number of minority pharmacists who are active in organized Pharmacy	3	2	3
PEO 3	To provide standard level of pharmacy education.	3	3	3
PEO 4	To teach and help assimilate theoretical knowledge in various field of Pharmaceutical sciences namely pharmaceutics, pharmaceutical chemistry, pharmacology and Pharmacognosy.	3	3	3

Justification:

- **PEO 1** strongly proves all the mission components it is justified through enrollment of students for pharmacy education and successfully placed in industries, higher education and as community pharmacist.
- **PEO 2** strongly proves all the mission components it is justified through increase in the number of minority pharmacist working as community pharmacist, pursuing innovative kind of knowledge which is able to survive students in competitive world
- **PEO 3** strongly proves all the mission components it is justified through availability of world class laboratory, instruments, e- library, competitive exam guidance centre, classrooms and highly qualified faculty boosting students thoroughly.
- **PEO 4** strongly proves all the mission components it is justified through practical and theoretical sessions, small projects, good University results, placements, expert lectures, Seminars, industry-institute interactions and collaborations.

CRITERION 2	Program Curriculum and Teaching –Learning Processes	150
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2. Program Curriculum and Teaching-Learning Processes (150)

2.1. Program Curriculum (40)

2.1.1 Delivery of Syllabus Contents and Compliance of the Curriculum for Attainment of POs (10)

(State the contents of the syllabus; about the course/learning material/content/laboratory Experiments/projects etc. also mention identified curriculum gaps, if any)Note: In case all POs are being demonstrably met through University Curriculum then 2.1.2 will not be applicable and the weightage of 2.1.1 will be 30)

Ali- Allana College of Pharmacy is affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, since its inception (2006). All the courses, B. Pharmacy and M. Pharmacy are affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon. The curriculum of Undergraduate course in Pharmacy is provided by the Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon. It is a four years degree Program conducted in semesters.

Currently two curriculums namely Credit Grade based Performance and Assessment (CGPA) system from the academic year 2012- 2013 and PCI syllabus as per The Revised Regulations for the B. Pharm. Degree Program (CBCS) of the Pharmacy Council of India, New Delhi from academic year 2017-18. The curriculum is framed by the duly appointed Board of Studies in Pharmacy by the University comprising of senior academicians and industrial experts in the field. Syllabus specifies number of lectures and practicals in each course. The Teaching & Examination Scheme specifies the duration and marks of both Internal and External Theory and Practical examination. As per the CGPA curriculum, the percentage of marks for Semester and Internal examination is 80% and 20% respectively. As per the CBCS curriculum, the percentage of marks for Semester and Internal examination is 75% and 25% respectively.

The contents of each theory subject are well defined and the experiments are specified for each laboratory component. In fact, it is difficult to identify gaps and however, each faculty determines the level of their courses studying the elements of POs. The ‘COs and POs mapping’ was performed, the weak areas were pointed out and probable gaps were identified.

The Table thus prepared was reviewed by faculty members to determine which components of PO were either not met or met to level 1 only.

The curricular gaps has been identified by arranging the meetings with all stake holders including parents, department head, teaching staff and governing body of institute to define the POs. In Academic Committee meeting Discussions focused on whether level I of introductory nature was adequate or does the institute need to develop more beyond syllabus topics, introduce additional electives, laboratory experiments, etc. to improve the level. Course attainments are calculated after completion of the end semester examination. Program outcome attainments are calculated after completion of all the course attainments of each semester.

Finally, we have selected the three POs which we found as curriculum gaps throughout the CGPA syllabus of Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, and mentioned below.

1. PO 4 Modern tool usage
2. PO 5 Leadership skills
3. PO 8 Communication

As per the revised CBCS curriculum of B. Pharmacy program, the curricular gap as per the procedure indicated above is not identified, meaning thereby that all POs are being demonstrably met through CBCS curriculum.

The list of subjects and its structure for the B. Pharmacy course under Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon is given below separately for CGPA curriculum and CBCS curriculum.

First Year B. Pharmacy (CGPA curriculum)				
First Semester				
Subject Code	Subject	Teaching Scheme/ week	Examination Scheme	
			University	Internal
T 1.1.1	Pharmaceutics-I (Dispensing Pharmacy)	4	80	20
P 1.1.1	Pharmaceutics-I (Dispensing Pharmacy)	3	80	20
T 1.1.2	Pharmacognosy-I	3	80	20
P 1.1.2	Pharmacognosy-I	3	80	20
T 1.1.3	Pharmaceutical Chemistry-I (Inorganic Pharmaceutical Chemistry)	3	80	20
P 1.1.3	Pharmaceutical Chemistry-I (Inorganic Pharmaceutical Chemistry)	3	80	20
T 1.1.4	Applied Biostatistics & Computer Applications in Pharmacy	4	80	20
P 1.1.4	Applied Biostatistics & Computer Applications in Pharmacy	3	80	20
T 1.1.5	Communicating skills & soft Skills development	4	80	20
Second Semester				
Subject Code	Subject	Teaching Scheme/ week	Examination Scheme	
			University	Internal
T 1.2.1	Pharmaceutics –II (Unit Operation)	4	80	20
P 1.2.1	Pharmaceutics –II (Unit Operation)	3	80	20
T 1.2.2	Pharmaceutical Chemistry –II (Inorganic & Physical Chemistry)	3	80	20
P 1.2.2	Pharmaceutical Chemistry –II (Inorganic & Physical Chemistry)	3	80	20
T 1.2.3	Pharmaceutical Chemistry-III (Organic Chemistry-I)	4	80	20
P 1.2.3	Pharmaceutical Chemistry-III (Organic Chemistry-I)	3	80	20
T 1.2.4	Anatomy, Physiology & Health Education (APHE) – I	4	80	20
P 1.2.4	Anatomy, Physiology & Health Education (APHE) – I	3	80	20
T 1.2.5	Industrial Psychology	3	80	20
5555	Environmental Science	3	80	20

Second Year B. Pharmacy (CGPA curriculum)				
Third Semester				
Subject Code	Subject	Teaching Scheme/ week	Examination Scheme	
			University	Internal
T 2.3.1	Pharmaceutics-III (Physical Pharmacy-I)	3	80	20
P 2.3.1	Pharmaceutics-III (Physical Pharmacy-I)	3	80	20
T 2.3.2	Pharmaceutical Chemistry-IV (Organic Chemistry - II)	3	80	20
P 2.3.2	Pharmaceutical Chemistry-IV (Organic Chemistry - II)	3	80	20
T 2.3.3	Pharmacognosy –II	3	80	20
P 2.3.3	Pharmacognosy –II	3	80	20
T 2.3.4	Pharmaceutical Analysis – I	3	80	20
P 2.3.4	Pharmaceutical Analysis – I	3	80	20
T 2.3.5	Anatomy, Physiology & Health Education (APHE) – II	3	80	20
P 2.3.5	Anatomy, Physiology & Health Education (APHE) – II	3	80	20
T 2.3.6	Pathophysiology of Common Diseases-I	3	80	20
Forth Semester				
Subject Code	Subject	Teaching Scheme/ week	Examination Scheme	
			University	Internal
T 2.4.1	Pharmaceutics – IV((Physical Pharmacy-II)	3	80	20
P 2.4.1	Pharmaceutics – IV((Physical Pharmacy-II)	3	80	20
T 2.4.2	Pharmaceutical Microbiology	3	80	20
P 2.4.2	Pharmaceutical Microbiology	3	80	20
T 2.4.3	Pharmacognosy – III	3	80	20
P 2.4.3	Pharmacognosy – III	3	80	20
T 2.4.4	Pharmaceutics –V (Hospital Pharmacy)	3	80	20
P 2.4.4	Pharmaceutics –V (Hospital Pharmacy)	3	80	20
T 2.4.5	Pharmaceutical Chemistry – V (Biochemistry)	3	80	20
P 2.4.5	Pharmaceutical Chemistry – V (Biochemistry)	3	80	20
T 2.4.6	Pathophysiology of Common Diseases-II	3	80	20

Third Year B. Pharmacy (CGPA curriculum)				
Fifth Semester				
Subject Code	Subject	Teaching Scheme/ week	Examination Scheme	
			University	Internal
T 3.5.1	Pharmaceutical Chemistry – VI (Medicinal Chemistry)	4	80	20
P 3.5.1	Pharmaceutical Chemistry – VI (Medicinal Chemistry)	3	80	20
T 3.5.2	Pharmaceutics – VI (Pharmaceutical Technology I)	4	80	20
P 3.5.2	Pharmaceutics – VI (Pharmaceutical Technology I)	3	80	20
T 3.5.3	Pharmacology – I	4	80	20
P 3.5.3	Pharmacology – I	3	80	20
T 3.5.4	Pharmacognosy –IV	3	80	20
P 3.5.4	Pharmacognosy –IV	3	80	20
T 3.5.5	Pharmaceutical Analysis-II	3	80	20
P 3.5.5	Pharmaceutical Analysis-II	3	80	20
Sixth Semester				
Subject Code	Subject	Teaching Scheme/ week	Examination Scheme	
			University	Internal
T 3.6.1	Pharmaceutical Chemistry - VII (Medicinal Chemistry -II)	4	80	20
P 3.6.1	Pharmaceutical Chemistry - VII (Medicinal Chemistry -II)	3	80	20
T 3.6.2	Pharmaceutics –VII (Biopharmaceutics & Pharmacokinetics)	3	80	20
P 3.6.2	Pharmaceutics –VII (Biopharmaceutics & Pharmacokinetics)	3	80	20
T 3.6.3	Pharmacology –II	4	80	20
P 3.6.3	Pharmacology –II	3	80	20
T 3.6.4	Pharmacognosy - V (Chemistry of Natural Products)	3	80	20
P 3.6.4	Pharmacognosy - V (Chemistry of Natural Products)	3	80	20
T 3.6.5	Pharmaceutical Jurisprudence& Ethics	4	80	20
P 3.6.6	Project Report	3	80	20

Final Year B. Pharmacy (CGPA curriculum)				
Seventh Semester				
Subject Code	Subject	Teaching Scheme/ week	Examination Scheme	
			University	Internal
T 4.7.1	Pharmaceutics – VIII (Pharmaceutical Technology - II)	3	80	20
P 4.7.1	Pharmaceutics – VIII (Pharmaceutical Technology - II)	3	80	20
T 4.7.2	Pharmaceutical Chemistry-VIII(Medicinal Chemistry – III)	3	80	20
P 4.7.2	Pharmaceutical Chemistry-VIII(Medicinal Chemistry – III)	3	80	20
T 4.7.3	Pharmacology –III	3	80	20
P 4.7.3	Pharmacology –III	3	80	20
T 4.7.4	Pharmaceutical Analysis-III	3	80	20
P 4.7.4	Pharmaceutical Analysis-III	3	80	20
T 4.7.5	Pharmaceutical Biotechnology	3	80	20
T 4.7.6	Pharmaceutical Industrial Management	3	100	0
Eighth Semester				
Subject Code	Subject	Teaching Scheme/ week	Examination Scheme	
			University	Internal
T 4.8.1	Pharmaceutics – IX	3	80	20
P 4.8.1	Pharmaceutics – IX	3	80	20
T 4.8.2	Pharmaceutical Analysis – IV	3	80	20
P 4.8.2	Pharmaceutical Analysis – IV	3	80	20
T 4.8.3	Pharmaceutical Chemistry-IX (Medicinal Chemistry- IV)	3	80	20
P 4.8.3	Pharmaceutical Chemistry-IX (Medicinal Chemistry- IV)	3	80	20
T 4.8.4	Pharmacognosy – VI	3	80	20
P 4.8.4	Pharmacognosy – VI	3	80	20
T 4.8.5	Pharmacology - IV (Clinical Pharmacy & Drug Interactions)	3	80	20
T 4.8.6	Bioavailability and TDM (Elective)	3	80	20
T 4.7.7	Industrial training report		100	20

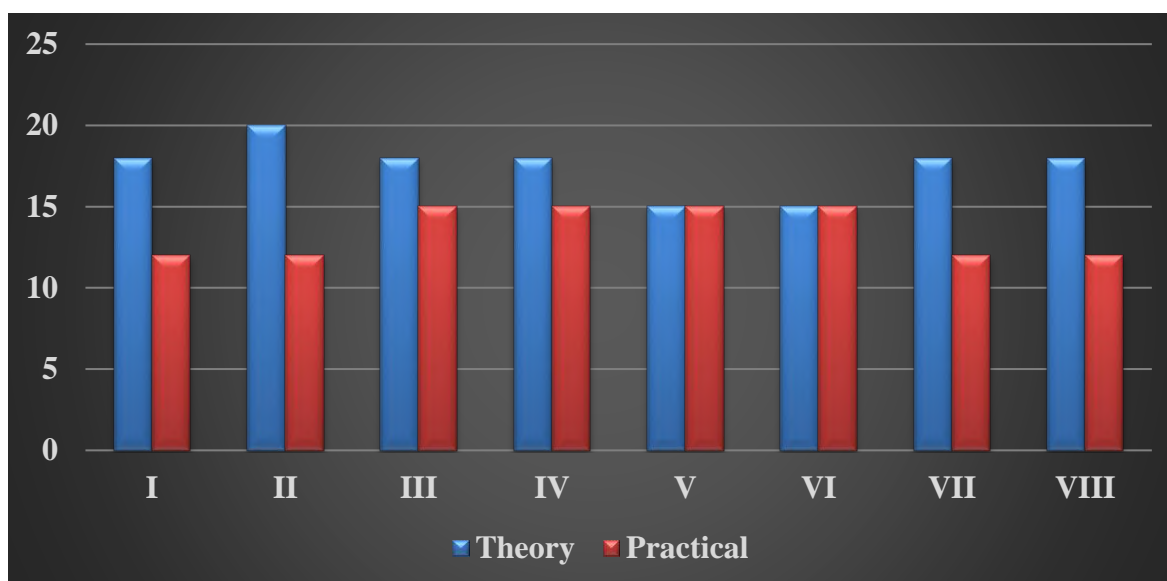


Figure 2.1: Semester wise contact hours per week of Theory and Practical

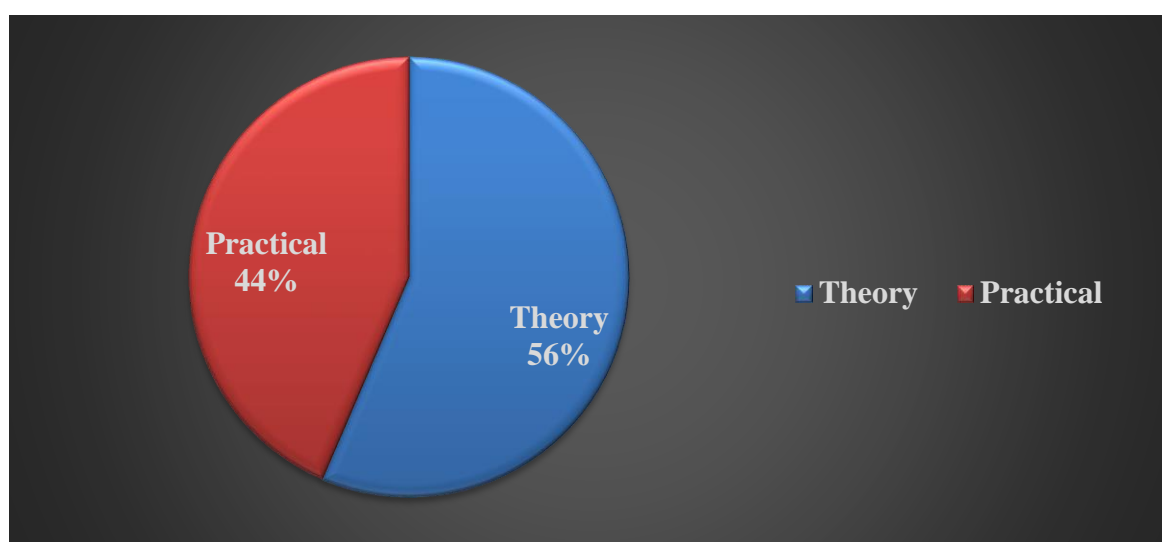


Figure 2.2: Percent contact hours of Theory and Practical for B. Pharm

The distribution of the courses in the curriculum is shown above, indicates that 56% of contact hours are allocated for theoretical sessions and 44% of the contact hours are utilized for the practical session (labs.) The college has allocated one hour as an extra effort beyond the curriculum.

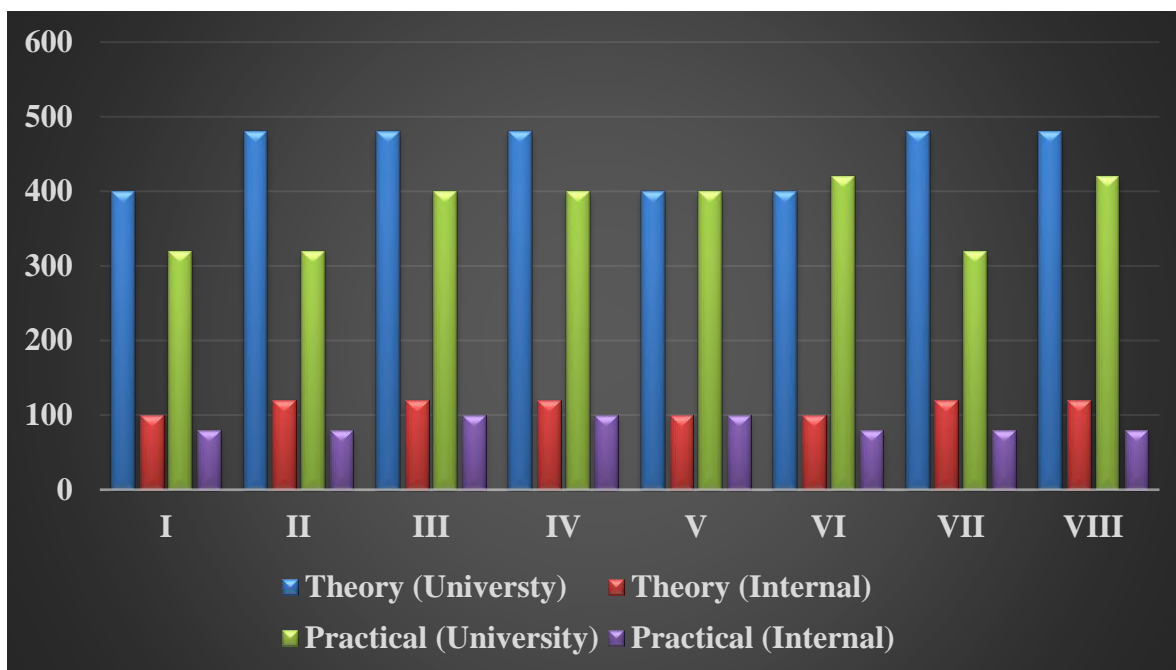


Figure 2.3: Semester wise Examination Scheme of Theory and Practical

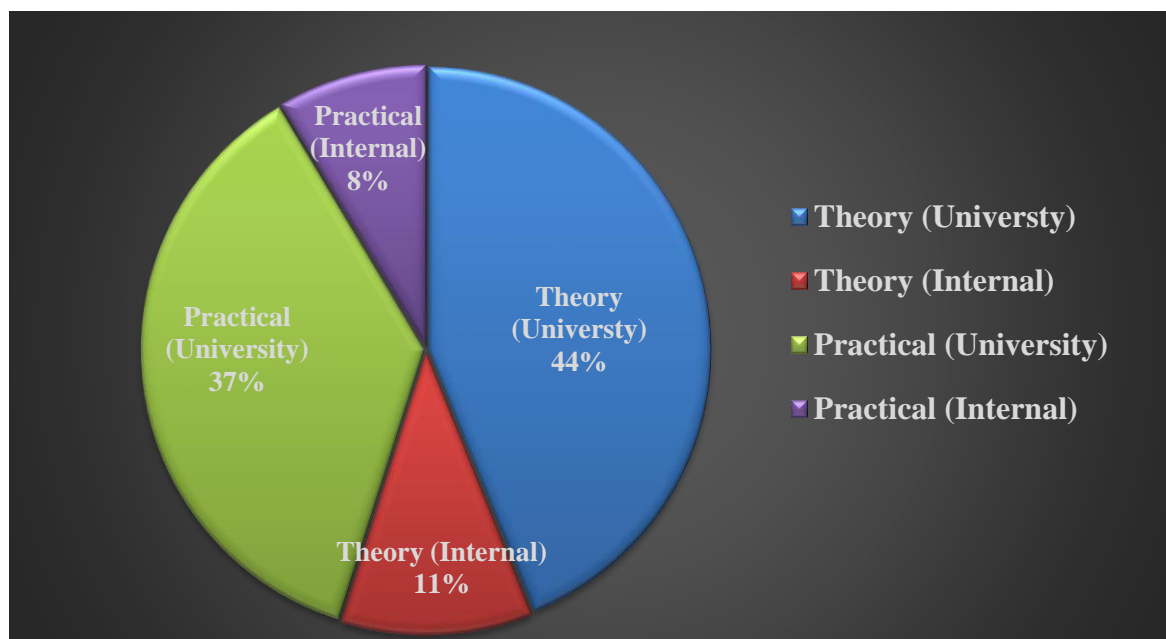


Figure 2.4: Percent Marks distribution of Theory and Practical for B. Pharm

The examination scheme of the courses in the curriculum is shown above, indicates that theory examination comprising of 55% marks (44% university level and 11% internal) and Practical examination 45% (37% university level and 8% internal).

First Year B. Pharmacy (CBCS curriculum)					
First Semester					
Subject Code	Subject	Teaching Scheme/ week		Examination Scheme	
		Lecture/ practical	Tutorial	University	Internal
BP101T	Human Anatomy and Physiology I	3	1	75	25
BP102T	Pharmaceutical Analysis I	3	1	75	25
BP103T	Pharmaceutics I	3	1	75	25
BP104T	Pharmaceutical Inorganic Chemistry	3	1	75	25
BP105T	Communication skills	2	-	35	15
BP106T	Remedial Mathematics /Remedial Biology	2	-	35	15
BP107P	Human Anatomy and Physiology I	4	-	35	15
BP108P	Pharmaceutical Analysis I	4	-	35	15
BP109P	Pharmaceutics I	4	-	35	15
BP110P	Pharmaceutical Inorganic Chemistry	4	-	35	15
BP111P	Communication skills	2	-	15	10
BP112RBP	Remedial Biology	2	-	15	10
Second Semester					
Subject Code	Subject	Teaching Scheme/ week		Examination Scheme	
		Lecture/ practical	Tutorial	University	Internal
BP201T	Human Anatomy and Physiology II	3	1	75	25
BP202T	Pharmaceutical Organic Chemistry I	3	1	75	25
BP203T	Biochemistry	3	1	75	25
BP204T	Pathophysiology	3	1	75	25
BP205T	Computer Applications in Pharmacy	3	-	50	25
BP206T	Environmental sciences	3	-	50	25
BP207P	Human Anatomy and Physiology II	4	-	35	15
BP208P	Pharmaceutical Organic Chemistry I	4	-	35	15
BP209 P	Biochemistry	4	-	35	15
BP210 P	Computer Applications in Pharmacy	2	-	15	10

Remedial Biology (RB) course is Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course. Remedial Mathematics is Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM) course.

Second Year B. Pharmacy (CBCS curriculum)					
Third Semester					
Subject Code	Subject	Teaching Scheme/ week		Examination Scheme	
		Lecture/ practical	Tutorial	University	Internal
BP301T	Pharmaceutical Organic Chemistry II – Theory	3	1	75	25
BP302T	Physical Pharmaceutics I – Theory	3	1	75	25
BP303T	Pharmaceutical Microbiology – Theory	3	1	75	25
BP304T	Pharmaceutical Engineering – Theory	3	1	75	25
BP305T	Pharmaceutical Organic Chemistry II – Practical	4	1	35	15
BP306T	Physical Pharmaceutics I – Practical	4	-	35	15
BP307P	Pharmaceutical Microbiology – Practical	4	-	35	15
BP308P	Pharmaceutical Engineering – Practical	4	-	35	15
Fourth Semester					
Subject Code	Subject	Teaching Scheme/ week		Examination Scheme	
		Lecture/ practical	Tutorial	University	Internal
BP401T	Pharmaceutical Organic Chemistry III– Theory	3	1	75	25
BP402T	Medicinal Chemistry I – Theory	3	1	75	25
BP403T	Physical Pharmaceutics II – Theory	3	1	75	25
BP404T	Pharmacology I – Theory	3	1	75	25
BP405T	Pharmacognosy and Phytochemistry I– Theory	3	1	75	25
BP406T	Medicinal Chemistry I – Practical	4	-	35	15
BP407P	Physical Pharmaceutics II – Practical	4	-	35	15
BP408P	Pharmacology I – Practical	4	-	35	15
BP409 P	Pharmacognosy and Phytochemistry I– Practical	4	-	35	15

Third Year B. Pharmacy (CBCS curriculum)					
Fifth Semester					
Subject Code	Subject	Teaching Scheme/ week		Examination Scheme	
		Lecture/ practical	Tutorial	University	Internal
BP501T	Medicinal Chemistry II – Theory	3	1	75	25
BP502T	Industrial Pharmacy I– Theory	3	1	75	25
BP503T	Pharmacology II – Theory	3	1	75	25
BP504T	Pharmacognosy and Phytochemistry II– Theory	3	1	75	25
BP505T	Pharmaceutical Jurisprudence – Theory	3	1	75	25
BP506P	Pharmacology II – Practical	4	-	35	15
BP507P	Pharmacognosy and Phytochemistry II– Practical	4	-	35	15
BP508P	Pharmaceutical Jurisprudence – Practical	4	-	35	15
Sixth Semester					
Subject Code	Subject	Teaching Scheme/ week		Examination Scheme	
		Lecture/ practical	Tutorial	University	Internal
BP601T	Medicinal Chemistry III – Theory	3	1	75	25
BP602T	Pharmacology III – Theory	3	1	75	25
BP603T	Herbal Drug Technology – Theory	3	1	75	25
BP604T	Biopharmaceutics & Pharmacokinetics Theory	3	1	75	25
BP605T	Pharmaceutical Biotechnology – Theory	3	1	75	25
BP606T	Quality Assurance –Theory	4	-	35	15
BP607P	Medicinal chemistry III – Practical	4	-	35	15
BP608P	Pharmacology III – Practical	4	-	35	15
BP609 P	Herbal Drug Technology – Practical	4	-	35	15

Final Year B. Pharmacy (CBCS curriculum)					
Seventh Semester					
Subject Code	Subject	Teaching Scheme/ week		Examination Scheme	
		Lecture/ practical	Tutorial	University	Internal
BP701T	Instrumental Methods of Analysis – Theory	3	1	75	25
BP702T	Industrial Pharmacy – Theory	3	1	75	25
BP703T	Pharmacy Practice – Theory	3	1	75	25
BP704T	Novel Drug Delivery System – Theory	3	1	75	25
BP705P	Instrumental Methods of Analysis – Practical	4	1	35	15
BP706PS	Practice School	12	-	125	25
Eighth Semester					
Subject Code	Subject	Teaching Scheme/ week		Examination Scheme	
		Lecture/ practical	Tutorial	University	Internal
BP801T	Biostatistics and Research Methodology	3	1	75	25
BP802T	Social and Preventive Pharmacy	3	1	75	25
BP803ET	Pharma Marketing Management	3+3=6	1+1=2	75+75=150	25+25=50
BP804 ET	Pharmaceutical Regulatory Science				
BP805 ET	Pharmacovigilance				
BP806 ET	Quality Control and Standardization of Herbals				
BP807 ET	Computer Aided Drug Design				
BP808 ET	Cell and Molecular Biology				
BP809 ET	Cosmetic Science				
BP810 ET	Experimental Pharmacology				
BP811 ET	Advanced Instrumentation Techniques				
BP812 ET	Dietary Supplements and Nutraceuticals				
BP813 PW	Project Work	12		150	

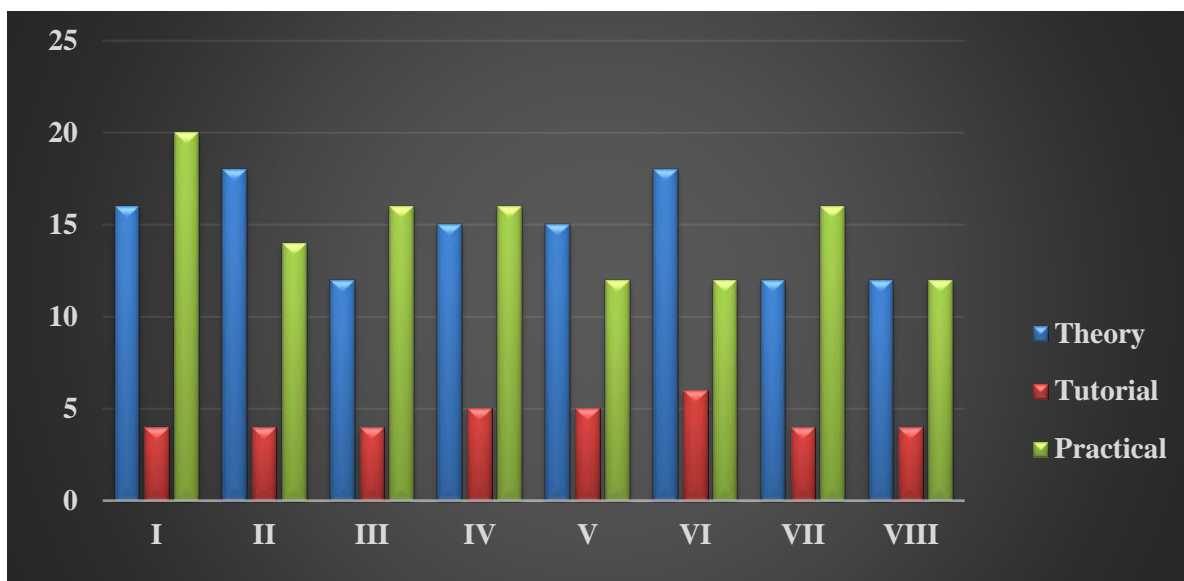


Figure 2.5: Semester wise contact hours per week of Theory and Practical

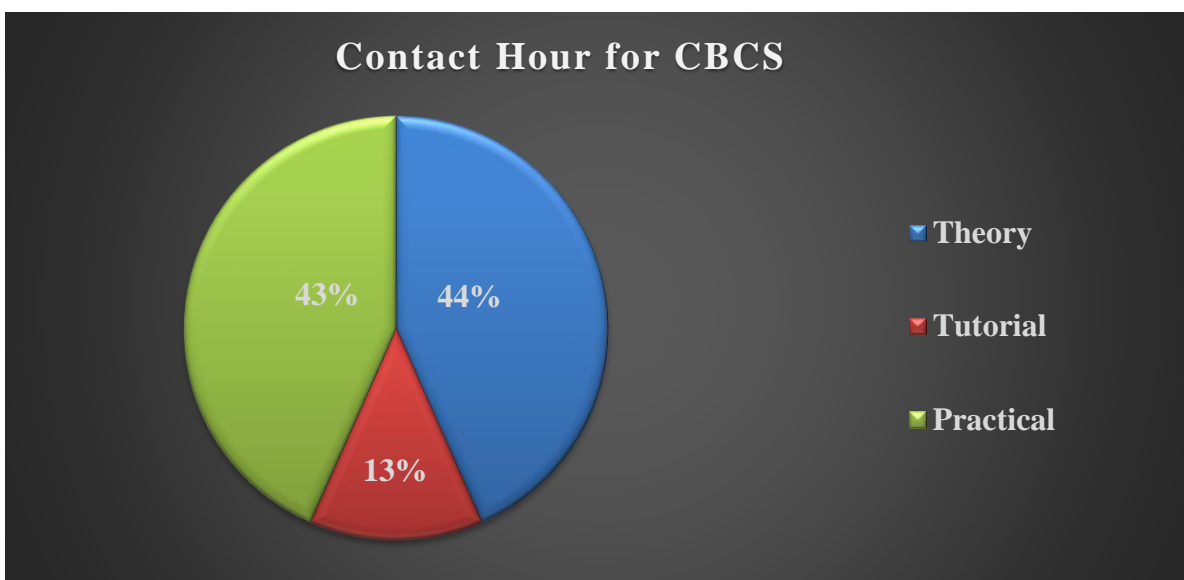


Figure 2.6: Percent contact hours of Theory and Practical for B.Pharm

The distribution of the courses in the curriculum is shown above, indicates that 43% of contact hours are allocated for theoretical sessions along with 13% to tutorials and 44% of the contact hours are utilized for the practical session (labs.)

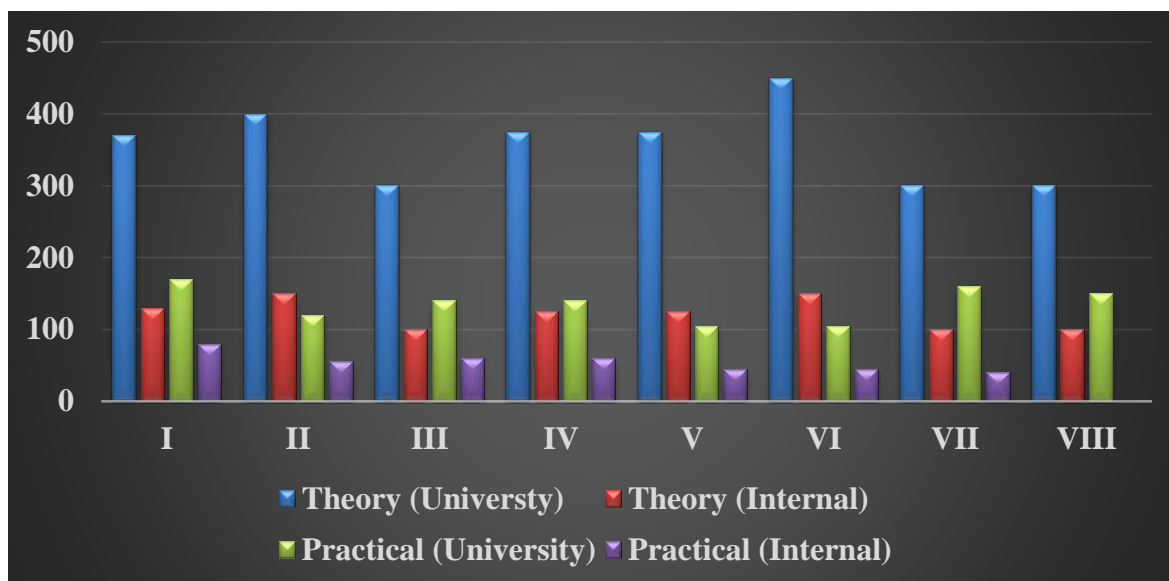


Figure 2.7: Semester wise Examination Scheme of Theory and Practical

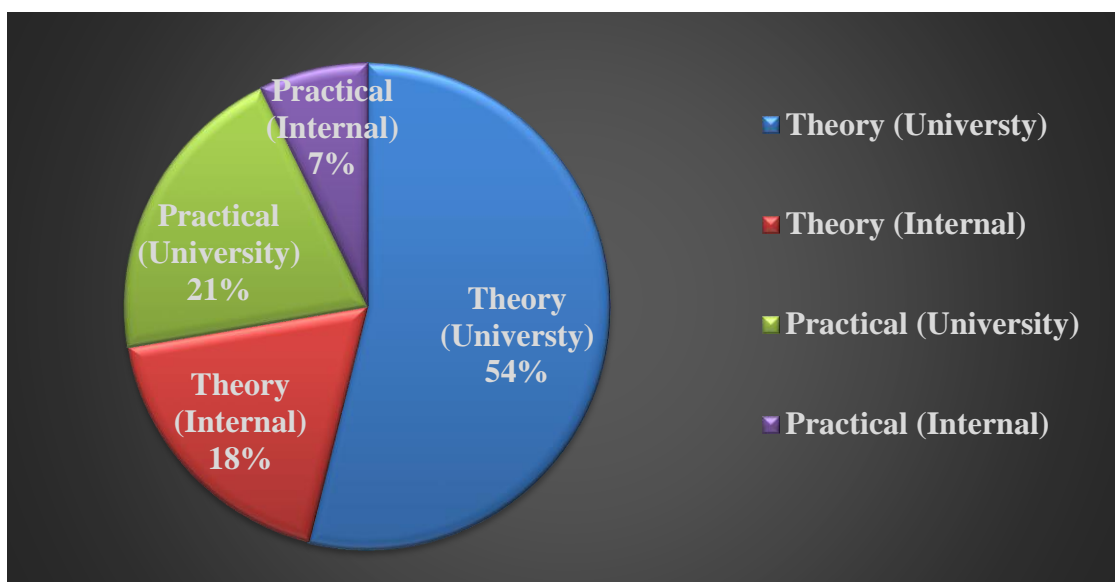


Figure 2.8: Percent Marks distribution of Theory and Practical for B. Pharm

The examination scheme of the courses in the curriculum is shown above, indicates that theory examination comprising of 72% marks (54% university level and 18% internal) and Practical examination 28% (21% university level and 7% internal).

2.1.2 State the delivery details of the contents beyond the Syllabus for the attainment of POs (20)

(Provide details of the additional course/learning material/content/laboratory experiments/projects etc., arising from the gaps identified in 2.1.1 in a tabular form in the format given below)

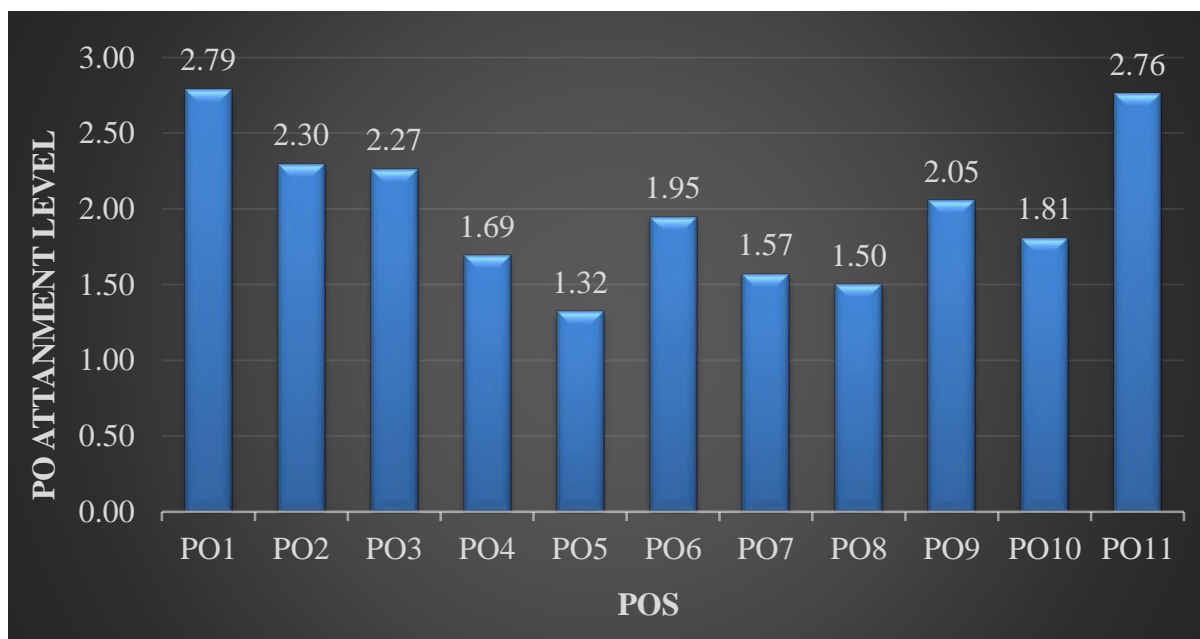


Fig 2.1.: Compliance of CGPA curriculum for attainment of POs

The curricular gaps has been identified by arranging the meetings with all stake holders including parents, department head, teaching staff and governing body of institute to define the POs. Finally, we have selected the three POs which we found as curriculum gaps throughout the CGPA syllabus of Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon. and mentioned below.

1. PO 4 Modern tool usage
2. PO 5 Leadership skills
3. PO 8 Communication

As per the revised CBCS curriculum of UG pharmacy program, the curricular gap as per the procedure indicated above is not identified, meaning thereby that all POs are being demonstrably met through CBCS curriculum.

Academic Year 2018-19						
Sr. No.	Gap	Action Taken	Date-Month-Year	Resource Person with designation	No of student Present	Relevance to POs
1	Modern tool usage	Extra Practicals on HPLC, UV, Flame Photometer etc	In Extra Hours throughout semester	Dr. G. J. Khan Dr. Aejaz Ahmed, Dr. M. A. Quazi Prof. Md. Hasib Prof. Quazi Asir	Third Year and Final Year Students	PO 4
		Demonstration of GCMS, HPTLC, FTIR, MS, NMR etc	In Extra Hours throughout semester	Dr. G. J. Khan Dr. Aejaz Ahmed, Dr. Siraj Shaikh, Dr. M. A. Quazi Prof. Pravin Gomase, Prof. Rehan Deshmukh	Third Year and Final Year Students	PO 4
		Mini Projects	throughout semester	All Faculty Members	Third Year Students	PO 4
2	Leadership skills	Organizing Sports Week	January 2019	Not Applicable	Third Year and Final Year Students	PO 5
		Organizing Cultural Events	throughout semester	Not Applicable	All students	PO 5
		Organizing Seminars and Conferences	throughout semester	Not Applicable	All students	PO 5
		Organizing Pharmacist day	25/09/2018	Not Applicable	All students	PO 5
3	Communication	Allocation of seminar to individual students for every subject	Presentation of Seminar in Extra Hours	Not Applicable	All students	PO 8
		Elocution Competition	One per semester	Not Applicable	All Students	PO 8

Academic Year 2017-18						
Sr. No.	Gap	Action Taken	Date-Month-Year	Resource Person with designation	No of student Present	Relevance to POs
1	Modern tool usage	Extra Practicals on HPLC, UV, Flame Photometer etc	In Extra Hours throughout semester	Dr. G. J. Khan Dr. Aejaz Ahmed, Dr. M. A. Quazi Prof. Md. Hasib Prof. Quazi Asir	Third Year and Final Year Students	PO 4
		Demonstration of GCMS, HPTLC, FTIR, MS, NMR etc	In Extra Hours throughout semester	Dr. G. J. Khan Dr. Aejaz Ahmed, Dr. Siraj Shaikh, Dr. M. A. Quazi Prof. Pravin Gomase, Prof. Rehan Deshmukh	Third Year and Final Year Students	PO 4
		Mini Projects	throughout semester	All Faculty Members	Third Year Students	PO 4
2	Leadership skills	Organizing Sports Week	December 2017	Not Applicable	Third Year and Final Year Students	PO 5
		Organizing Cultural Events	throughout semester	Not Applicable	All students	PO 5
		Organizing Seminars and Conferences	throughout semester	Not Applicable	All students	PO 5
		Organizing Pharmacist day	25/09/2017	Not Applicable	All students	PO 5
		Participation in Yuvarang (university level program)	29/01/2018	Not Applicable	9 students	PO 5
3	Communication	Allocation of seminar to individual students for every subject	Presentation of Seminar in Extra Hours	Not Applicable	All students Year	PO 8

Academic Year 2016-17						
Sr. No.	Gap	Action Taken	Date-Month-Year	Resource Person with designation	No of student Present	Relevance to POs
1	Modern tool usage	Extra Practicals on HPLC, UV, Flame Photometer etc	In Extra Hours throughout semester	Dr. G. J. Khan Dr. Aejaz Ahmed, Dr. M. A. Quazi Prof. Md. Hasib	Third Year and Final Year Students	PO 4
		Demonstration of GCMS, HPTLC, FTIR, MS, NMR etc	In Extra Hours throughout semester	Dr. G. J. Khan Dr. Aejaz Ahmed,, Dr. Siraj Shaikh, Dr. M. A. Quazi Prof. Pravin Gomase, Prof. Rehan Deshmukh	Third Year and Final Year Students	PO 4
		Mini Projects	throughout semester	All Faculty Members	Third Year Students	PO 4
2	Leadership skills	Organizing Sports Week	December 2018	Not Applicable	Third Year and Final Year Students	PO 5
		Organizing Cultural Events	throughout semester	Not Applicable	All students	PO 5
		Organizing Seminars and Conferences	throughout semester	Not Applicable	All students	PO 5
3	Communication	Allocation of seminar to individual students for every subject	Presentation of Seminar in Extra Hours	Not Applicable	All students of Third Year and Final Year	PO 8
		Elocution Competition	Two competition in second semester	Not Applicable	All Students	PO 8

2.1.3. Adherence to Academic Calendar (10)

(Demonstrate notified academic calendar & its adherence)

In the beginning of every academic year, an academic calendar is prepared with an objective to plan the academic activities to be undertaken in the coming year based on the university circular. The academic calendar for each semester is prepared once the university calendar of events is declared. All events of the institute are covered under them and adhered to the dates mentioned. The planned dates are subject to change as per the University circular related to examinations. The teaching plan is prepared adhering to the academic calendar and given to the students in the beginning of the semester. Other activities including various

cultural events, extra and co-curricular events, health campaigns and sports events are also planned in advance.

Academic calendar for odd semester 2018-19



Jamia Islamia Isha-atul Uloom's
ALI ALLANA COLLEGE OF PHARMACY
 Molgi Road Akkalkuwa Dist- Nandurbar. 425415



ACADEMIC CALENDER 2018-19 (Odd Sem)

Sr. No.	Particulars	Probable Date
1	Date of Commencement (S.Y, T.Y & Final)	02/07/2018
2	Date of Commencement (First Year)	01/08/2018
3	Prize Distribution	01/08/2018
4	Fresher Party	10/08/2018
5	I st Seasonal Exam (Practical) F.Y and S.Y	27/08/18 to 01/09/18
6	I st Sessional Exam (Theory) F.Y and S.Y	03/09/18 to 08/09/18
7	Declaration of I st Sessional Result	Second week of September 18
8	Parents Meeting – I	I st week of October, 18
9	II nd Sessional Exam (Practical) F.Y and S.Y	15/10/18 to 20/01/18
10	II nd Sessional Exam (Theory) F.Y and S.Y	22/10/18 to 27/10/18
11	Sessional Exam (Practical) T.Y & Final	15/10/18 to 20/01/18
12	Sessional Exam (Theory) T.Y & Final	22/10/18 to 27/10/18
13	Declaration of Sessional Results for all	First week of November, 18
14	University Exam (Practical)	Date will be declared later
15	University Exam (Theory)	Date will be declared later
16	Commencement of next semester	01/01/2019

Academic In-charge
 (Dr. M. A. Quazi)



Principal
 (Dr. G. J. Khan)

PRINCIPAL
 J.I.U.'s Ali Allana College of Pharmacy
 Akkalkuwa Dist. Nandurbar

Academic calendar for even semester 2018-19



Jamia Islamia Isha-atul Uloom's
ALI ALLANA COLLEGE OF PHARMACY
 Molgi Road Akkalkuwa Dist- Nandurbar. 425415



ACADEMIC CALENDER 2018-19 (Even Sem)

Sr. No.	Particulars	Probable Date
1	Date of Commencement	01/01/2019
2	Prize Distribution	After declaration of university result
3	Sports Week	15/01/2019 to 19/01/2019
4	Guest Lecture-I	Fourth week of January 2019
5	Placement Drive	Fourth week of January 2019
6	KBC NMU Sponsored Work Shop on Impact of Global Warming on Climate	31/01/2019
7	Work Shop on personality development and Employability Skills	First week of February 2019
8	Industrial Visit	Second week of February 2019
9	I st Seasonal Exam (Practical) F.Y and S.Y	11/02/2019 to 15/02/2019
10	I st Sessional Exam (Theory) F.Y and S.Y	18/02/2019 to 23/02/2019
11	Declaration of I st Sessional Result	Last week of February 2019
12	Guest Lecture-II	Last week of February 2019
13	Parents Meeting	First week of March 2019
14	Guest Lecture-III	Second week of March 2019
15	Submission of Project Work (T.Y)	25/03/2019
16	II nd Sessional Exam (Practical) F.Y and S.Y	01/04/2019 to 05/04/2019
17	II nd Sessional Exam (Theory) F.Y and S.Y	08/04/2019 to 13/04/2019
18	Sessional Exam (Practical) T.Y & Final	01/04/2019 to 05/04/2019
19	Sessional Exam (Theory) T.Y & Final	08/04/2019 to 13/04/2019
20	Declaration of Sessional Results for all	First week of April 2019
21	University Exam (Practical)	Date will be declared later
22	University Exam (Theory)	Date will be declared later
23	Commencement of next semester	01/07/2019

Academic In-charge
(Dr. M. A. Quazi)



Principal
(Dr. G. J. Khan)
PRINCIPAL
 J.I.U.'s Ali Allana College of Pharmacy
 Akkalkuwa Dist. Nandurbar

2.2. Teaching-Learning Processes (110)

According to the present scenario of teaching and learning process, modern techniques are adopted in our institution for the upliftment of the students and for the achievement of POs. Absolute transparency and systematic methodologies are adopted in the administration process. The college promotes critical thinking among the students by incorporating group discussion, paper presentation, project work, and participation in various activities on campus and off campus. In the beginning of every academic year, an academic calendar is prepared with an objective to plan the academic activities to be undertaken in the coming year based on the university circular. Mentoring System available for Personal and psychological attentions to individual students. The learning outcomes are clearly monitored by the HODs, staff and the mentors. The feedback from students after each semester regarding the teaching learning process is instrumental in carrying out necessary changes for further improvement.

2.2.1 Initiatives in teaching and learning process (25)

(Implemented teaching-learning process and Initiatives in improving instruction methods, using real world examples, collaborative learning, the quality of laboratory experiments with regard to conduct, record observations, analysis, Feedback collection process; collection, analysis and action taken etc. encouraging bright students, assisting weak students etc. The initiatives, implementation details and impact analysis need to be documented)

The teaching and learning process begins with an orientation program. The essential topics of this program orient the students towards professional education and promote the capabilities to learn the subjects. A few topics included are: Importance of Pharmacy profession, Scope of Pharmacy Profession, Roles and Responsibilities of Pharmacist, benefit of theory classes, benefit of practical classes, examinations schemes and study plans. After orientation program students are categorized in different groups (English medium and other medium) and remedial classes for English arranged for weak students.

The initiatives in teaching and learning process are done at two levels i.e. for theory classes and practical sessions separately. The mechanism and implementation have been described hereafter.

- In the beginning of the semester, academic time table is prepared by the academic head in association with the head of the institution, head of the department and teacher in charge which includes number of lectures and practical schedule to be conducted during entire week which is then displayed on student notice board.
- The institution appoints subject in charge for each subject of all the years for monitoring and supervising the effective completion of the subject in all aspects. The duties of subject in charge are explained before start of the semester.
- The students have to attend theory and practical classes daily. In the practical class, practical training for the theory concept is given where students perform various experiments based on their curriculum throughout the semester.
- Daily record of the practical class is maintained in journal by each and every student which is to be evaluated by the faculty regularly.
- Multimedia elements such as Power Point, Videos and Animations etc. have been widely used. Other practices such as Model Making, Chart Making, bringing specimens, Markets Surveys etc. have been employed depending upon the curriculum and its scope.
- In order to boost the interest of the students in their area of interest, assignments or projects are given to students of the class which would help them in making the right career choice and help in seeking admission in future to an institution of repute.
- Flipped classroom: The teachers put the material on a specific topic online on college website, Whatsapp and Facebook study groups for students to go through the material in advance, bring questions and queries about the topic and build additional knowledge on the subject during the class. This provides the opportunity for learning beyond syllabus also.
- Presentations: Every course allows students to prepare and present any topic from the curriculum and also on any non-technical topics.
- Other than these, course specific activities and approaches are adopted to infuse keen interest and enthusiasm in a subject to keep the students abreast with the changing scenario in the industry and to help them perform to the best of their abilities.
- Pairing of students (or grouping) ensures that a student who is weak in a certain aspects will get helps from others in understanding the concept and coping up with practical requirements.
- Other than these common strategies; course-wise techniques are adopted by the subject teachers to inculcate enthusiasm in their subject. Some of these techniques

involve competitions during practicals, real-life problem analysis and solving, making of charts & models etc.

Weak student support strategy:

Based on the periodic marks and university results of the students, those securing lower marks are given additional revision turns to help them gain more experience and confidence;

- Regular counseling and providing moral support to them by mentor teacher/ subject teacher.
- Constant monitoring their performance in internal tests.
- Extra classes (remedial classes) arranged for backlog subjects.
- Formation of study group with one or two bright students are kept as group mentor
- Encouraging them for regular attendance.

Bright student support strategy:

Based on their previous semester marks, students showing an aptitude for the subject are encouraged to read/ experiment beyond the scope of the prescribed syllabus to further their interest.

- Regular counseling and providing moral support to them by mentor teacher/ subject teacher.
- Encouraging them to score good percentile in their final examination for that teachers provide special and challenging assignments and reference materials for study.
- Encouraging them to participate in seminars/conferences in different institutes.
- Students are encouraged to publish papers in various journals.
- Encouraging them to guide their weak classmates. Teaching others make them more perfect.
- Extra Library facility provided to top five students from each class.

2.2.2. Quality of internal semester Question papers, Assignments and Evaluation (10)

(Mention the initiatives, implementation details and impact analysis related to quality assurance of semester question papers, assignments that encourage and empower the students to develop skills and higher orders of learning and evaluation)

As per the CGPA curriculum, the percentage of marks for Semester and Internal examination is 80% and 20% respectively. As per the CBCS curriculum, the percentage of marks for Semester and Internal examination is 75% and 25% respectively. University Semester examination papers are set by a panel of examiners appointed by the University.

The question papers are sent online by Digital Examination Paper Downloading (DEPD) system to the college on the day of examination. Internal periodic examination papers are set by the subject teachers. These papers are reviewed by the respective Head of the Departments and after revision (if any) are submitted in sealed envelope to the examination section. For CBCS pattern, in addition to the internal periodic examination, college conducts Assignments, Open book test, Seminar, group discussion for each course corresponding to each of its course outcomes which is a part of the continuous evaluation system. For CGPA pattern, in addition to the internal periodic examination, a class test is conducted. Sometimes students are given assignments in their respective subjects to upgrade their knowledge. These are evaluated by individual faculties with their own perspective. The assessment and moderation of the answer booklets of the University examination is conducted by the University through Central Assessment Program (CAP) whereas for internal examination the examiners and moderators are appointed by the Principal of the college for each paper.

Format of Internal Examination Question Paper for CGPA

Question No.	Heads	Marks Allotted
Section I		
1	Solve any two out of five	6
2	Solve any one out of two	4
Section II		
3	Solve any two out of five	6
4	Solve any one out of two	4

Format of University Examination Question Paper for CGPA

Question No.	Heads	Marks Allotted
Section I		
1	Solve any five out of seven	10
2	Solve any four out of six	20
3	Solve any one out of two	10
Section II		
4	Solve any five out of seven	10
5	Solve any four out of six	20
6	Solve any one out of two	10

Format of Internal Examination Question Paper for CBCS

Question No.	Heads	Marks Allotted
1	Solve any five/ solve any ten	10
2	Solve any two out of three	10
3	Solve any one out of two	10

Format of University Examination Question Paper for CBCS

Question No.	Heads	Marks Allotted
1	Solve any ten/ solve any twenty	20
2	Solve any four out of three	20
3	Solve any seven out of nine	35

2.2.3. Quality of Students projects (15)

(Quality of the project is measured in terms of consideration to factors including, but not limited to, cost, type {application, product, research, review etc.} environment, safety, ethics and standards. Processes related to project identification, allotment, continuous monitoring, evaluation including demonstration of working prototypes, and to enhance the relevance of projects. Mention Implementation details including details of POs addressed through the projects with justification)

Every Third year (6th semester) student undertakes project which is spread over a period of 6th semester. Teacher/guide is assigned through the lottery system to a group of 2-4 students. The students thereafter in consultation with teacher select a topic. The students then perform literature survey, formulate the problem individually and then proceed further. The project will be research or review. After the lab work, students submitted a report consisting of the Introduction, Rationale, Literature Review, Methodology, Result and Conclusion, References. The students presented their work in the form of power point presentation and were evaluated by university appointed external faculty member from the panel of senior approved staff. As the criteria for evaluation were Project Sustainability, Quality of Research, Presentation and Defense, the quality of these projects was evaluated based on its reflection on Program Outcomes. The following tables provide the details of student projects for the previous academic years.

Academic Year 2018-19			
Sr. No.	Research Topic	Research Students	Research Guide
1	Synthesis of Some Benzotriazole Derivatives	Abdul Basher Mohd Abdul Rasheed Azmatullah Ansari Abdul Batin Abdul Ansari Mohd Hammad Mohd	Prof. Saquib Usmani
2	Availability of Caffeine Sulphate tablet form online Pharmacy	Ansari Soban Shamim Ahd Ansari Zuber Md Idris Aslam Khan Ameen Khan Danish Arfat Khan Durani	Dr. G. J. Khan
3	To develop precise, sensitive U V based method for detection of Amlodipin Besylate.	Kazi Usama Zafar Khan Mahamood Javid Khan Mohd Shoeb Mohd Khan Siddique Jalal Ahmed	Prof. Patel Siddik
4	Overview and Marketed Survey of medicated Gum brands found in Akkalkuwa.	Khan Umar Muzffar M Shafique M Rafique Mohd Afzalul Rehman Abdul Mohd Tanveer Mohd Anwar	Dr. Siraj Shaikh
5	Comparative study of Levocetirizine HCl available in Indian Market.	Momin Sabih Ahmed Saud Momin Zainul Abideen Mujahid Qureshi Maqbool Momin Arshiyani Anjum	Prof. Asir Quazi
6	Nail Drug Delivery System	Patel Raihan Mohammed Patel Fayam Majhar Pathan Arbaz Iliyas Sayyad Liyaqat Sayyad	Prof. Ashish Khairnar
7	Enhancement of dissolution rate of Diclofenac Sodium by liquisolid technique.	Sayyad Wamique Aquil Sayyed Parvez Ali Nasar Shaikh Akib Jahangirshaikh Shaikh Asjad Saifullah	Prof. Rehan Deshmukh
8	Pharmacognostical, Phytochemical and Pharmacological evaluation of plant <i>Euphorbia humifossa</i>	Shaikh Jishan Ebrahim Shaikh Maaz Kamran Mansuri Mohammad Ramzan Shaikh Mujeeb Musa	Prof. Pravin Gomase
9	Formulation and Evaluation of Transdermal Patch containing Clove oil	Shaikh Mulani Sikandar Ajij Shaikh Sarfaraz Ahmed Shaikh Shoaib Shaikh Shekh Samirbhai Rafikkhan	Dr. Quazi Majaz
10	Antioxidant activity of some synthesized Benzamide derivatives by DPPH method	Khan Saimabano Nisar Yasmeen Bano Rangrej Nargis Nurmahamad Khan Saimabano Nisar Ahmed Yasmeen Bano	Dr. Aejaaz Ahmed
11	Review on common disease in rural area	She Sadik She Yusuf Shek Abdul Kadir Rafik Shoeb Meraj Ab Shakir Tamboli Saifali Shaukatali	Prof. Md. Hasib

12	Cancer, A review on history, Pathology, and treatment.	Sayed Sameer Suleman Zubair Anwar Faiyazuddin Shaikh Shoeb Salim Pathan Nadeem Naseeb Kha	Prof Khan Abuzar
13	A review on Diabetes	Pathan Juber Khan Kadir Khan Aaqib Javed Maqsood Khan Shaikh Akalak Gaffar Jaish Raza Madni	Prof. Md. Tarique
14	Isolation and Characterization of Basil seed mucilage	Tauseef Ahmmed Abdul Mohd. Shoeb Nawaz Md Shahedullah Khan Ajazullah Shaikh Md Naved	Prof Khalifa M.Asif

Academic Year 2017-18

Sr. No.	Research Topic	Research Students	Research Guide
1	Development & Evaluation of Antibacterial Polyherbal Soap	Mohammad Khobaid Md Taufique Ahmad Parwez Mohammad Javed Ahamad Md Danish Salahuddin Nizamuddin	Prof. Pravin V. Gomase
2	An Overview on Mouth Ulcer	Belim Maroof Sadiq Deshmukh Muzammil Ab. Quddus Deshmukh Naved Doctor Minhaj Iqbal	Prof. Ashish Khairnar
3	Overview and formulation of Herbal Cosmetics	Simaran Ayaz Rana Rajeshwari Valvi Sumaben Shah Afrin	Dr. Siraj N Shaikh
4	A Comparative Study on Branded and Generic Paracetamol & Cetirizine Tablet IP	Mr. Shafique Ahmed Mohd Nisar Mr. Shaikh Aminoddin Raisoddin Mr. Khan Shahbaz Mr. Shaikh Kareem Muzaffar	Prof. Mohammad Saquib Usmani
5	Preparation and Evaluation of <i>Hingutriguna Taila</i>	Mr. Jadhav Chetan Raman Mr. Khan Md. Sulaeman M Mr. Khan Musharraf Shabbir Ahmed Mr. Khatik	Dr. Quazi Majaz A
6	An Overview on Mouth Ulcer	Deshmukh Muzammil Ab. Quddus Deshmukh Naved Doctor Minhaj Iqbal	Prof. Ashihs Khairnar
7	Drug used in HIV/ Aids	Shaikh Mohd Amir Mohd. Iqbal Shaikh Muzammil Shaikh Shoeb Ahmed Shaikh Iqbal Shaikh Yusuf Tasleem	Prof. Asir Qazi
8	Identification of Antibiotic Residue by TLC	Ammar Saquib Deshmukh, Ansari Ahmed Faraz A. Kaleem A. Majeed, Awes Khan Ahemad Kham	Prof. Aeجاز Ahmed

9	Dissolution Enhancement Technology	Kazi Shirin Abraruddin Lajporiya Mubina Imtiyaz, Manjra Mehfuza Usmangani Vasave Rajshree Pratap	Prof. Rehan Deshmukh
10	Vaccine for Diabetes	Zulfikar Khan Mehboob Khan Shaikh Shahrukh Muslim Sohel Khan Jabir Khan Enaitullah Siddiqui	Dr. G J Khan
11	A Review on Zika Virus	Patel seema Aiyub Vali Randera zainab Shabbir Sayyed Nazifa sabir Ali Lashkar zainab bi Sharafat	Prof. Mohd. Tarique
12	Application of Natural Polymers in Drug delivery:A Review	Qadri Fayyaz Ahmed Sahad Shaikh Md. Arsalan Raees Khan	Prof. Khalifa M. Asif
13	Impact of Edible oil on Health	Muzammil Khan Yunus Khan Saif ali Meer Nazeer Ali Aqueel Shaheed Taher Khan Momin Abrarul Haque Ab.	Prof. Patel Siddik
14	A Comparative Evaluation of Marketed Brands of Paracetamol Tablets	Pinjari Abrar Ahmed Naved Ahmed Khan	Prof. Patel Siddik

Academic Year 2016-17

Sr. No.	Research Topic	Research Students	Research Guide
1	EVD (Ebola Virus Disease)	Amin Saud Ismail Ahmed Mohd.Amaan Abdul Kadir Abdul Rab Abdul Hasan Noor Hasan	Prof. Asir Quazi
2	Quality Assessment Of Marketed Paracetamol Tablet	Azim Shirgaonkar Shiakh Gulam Rauf Tajaniya Ammar Ahmed Mushtaq	Dr. Quazi Majaz A.
3	Nutritional Disorders	Barejiya Farhin. Khan Sadaf. Pathan Naseema Shah Dilshad. Shaikh Shaziya	Prof. Mohd Hasib Ahmed
4	Antibiotics Resistance Day By Day	Mohammad Azhar Mohd Mujeeb Ul Haque Deshmukh Mohd Mukhtar Mohammad Rashid	Dr. G. J. Khan
5	Edible Oils: Are They Really Meant For Healthy Life?	Farooque Hussain Ahmed Huzaifa Shah	Prof. Patel Mohd. Siddique

		Momin Mohsin	
6	Comparative Study On Vaccination In Akkalkuwa	Shaikh Usman Pathan Idris Imran Husain Shaikh Shakil	Prof. Ashish .S. Khairnar
7	Recent Developments And Biological Activities of Nitroimidazole And Thiazole Derivatives: A Review	Abdul Raheman Junaid Khan Luhar Imran Marathe Dinesh	Prof. Aejaz Ahmed
8	Computer Assisted Drug Design	Patel Mo Shaffan S. Pathan Rauf Khan	Prof. Mohammad Saqib
9	Easy To Swallow Wireless Telemetry	Juned Pinjari Akshay Patil	Prof. Mohammad Saqib
10	Review On Glycoside	Sayyed Ibrahim Ali Shahebaz Ahmad Momin Mubeen Shaikh Iqbal	Prof. Mohammad Tarique
11	Role Of Bioenhancer In Pharmaceutical Dosage Form	Shaikh Ifrar Shaikh Tausif Shaikh Razique Shaikh Shoaib	Prof. Shaikh Siraj
12	Study Of Traditional Plant From Selected Family Used For Skin Diseases In Satpuda Region	Shaikh Seemab Tutla Mehzabin Valvi Farhin Heena Rafique	Prof. Pravin V. Gomase
13	Nail Drug Delivery	Vahora Mohammad Talha Sayyed Mehfooz Ali Touqeer Ahmad	Prof. Rehan Deshmukh
14	Advance In Transdermal Drug Delivery System	Sinorwala Haroon Shaikh Yasin Shakeel Ahmed Siddiqui Meraj	Prof. Khalifa Asif
15	Herbal Drugs Used In Treatment of Skin Diseases	Mohd. Shahrukh Mujahid Irfan Patel Adil Patel Bhupendra	Prof. Sayyed Mukhim

Similarly First Year students (2nd semester) student undertakes Environment project which is spread over a period of second semester. Separate Faculty member is assigned as guide to all students in a group of 2-4 students. The students thereafter in consultation with teacher select a topic. The students then perform literature survey, formulate the problem individually and then proceed further. Review topics are given to students considering level of students. Students submitted a report consisting of the Introduction, Rationale, Literature

Review, Methodology, Result and Conclusion, References. The students presented their work in the form of power point presentation and were evaluated by internal examiner. As the criteria for evaluation were Project Sustainability, Presentation and Defense, the quality of these projects was evaluated based on its reflection on Program Outcomes.

2.2.4. Initiatives related to industry interaction and/or hospital interaction (20)

(Give details of the industry/ hospital involvement in the program such as industry-attached laboratories, partial delivery of appropriate courses by industry experts and/or collaborative initiatives with the hospitals etc. Mention the initiatives, implementation details and impact analysis)

The college has taken steps to conduct industrial visits, which includes the research laboratories, medicinal and botanical gardens, pharmaceutical industries (allopathic and ayurvedic products). College also seeks the guidance of eminent persons from industry/hospital to deliver guest lecturers to students. To raise the overall quality of program outcome and to facilitate quality education to students, college has signed the MOU with hospitals, industries and different institutes.

MOU with Hospitals

- Assalam Hospital, Akkalkuwa.
- Government Hospital (PHC), Akkalkuwa.
- Al-noor Hospital,

MOU with Industries

- Curex Pharmaceutical, Jalgaon.
- Fibe Firma Pharmaceutical, Ankleshwar.
- Shree Swami Smarth Ayurvedic Pharmacy, Allopathic division, Jalgaon.
- Khandesh Ayurvedic Pharmacy, Jalgaon.
- Launch My Drug PVT Limited, Mumbai.
- Inclination PVT Limited, Mumbai.

MOU with Institutes

- Indian Institute of Medical Sciences and Research, Badnapur.
- Ahemad Garib Unani Medical College, Akkalkuwa.
- Jamia Institute of Engineering and Management Studies, Akkalkuwa.
- Rural Foundation Nandurbar Sanchalit Senior Science College, Akkalkuwa

2.2.5 Initiatives related to skill development programs/industry internship/summer training.(10)

(Mention the initiatives, implementation details and impact analysis)

College Training and Placement Cell facilitates arrangements for four weeks in-plant training to be undergone by the T. Y. B. Pharm students. At the end of Semester-VI, the Cell gives orientation to the students regarding the purpose of In-plant training and procedure to approach industries for the same. The Cell facilitates issue of official appeal letters to the students which need to be submitted to industries. The Cell further coordinates with industries for the confirmation of accommodation of training. On completion of the training, the students are asked to submit a report of the same and appear for a short individual interactive session with the Training Cell and university appointed external examiner regarding their observations and experiences during the training. The lists of industries are given below where students have undergone industrial training in previous years.

Academic year 2018-19		
Sr. No.	Name	Industry
1	Ammar Saquib Md. Harroon	The Pharmaceutical Products of India, Mumbai
2	Ansari Ahmad Faraz	The Pharmaceutical Products of India, Mumbai
3	A Kaleem A Majeed	The Pharmaceutical Products of India, Mumbai
4	Awais Khan Ahmad Khan	Hindustan Pharamaceutical Jalgaon
5	Belim Maroof Sadiq	The Pharmaceutical Products of India, Mumbai
6	Deshmukh Muzammil Ah. Abdul	The Pharmaceutical Products of India, Mumbai
7	Deshmukh Naved Iqbal	Gufic life science Navsari.
8	Shaikh Shoeb Aslam	Gufic life science Navsari.
9	Jadhav Chetan Raman	Khandesh Ayurvedic Pharamacy Jalgaon
10	Kham Mod. Suleman Md. Islam	The Pharmaceutical Products of India, Mumbai.
11	Khan Musharraf Shabbir Ahmad	The Pharmaceutical Products of India, Mumbai
12	Khatik Muntazim Shaikh Faruk	Khandesh Ayurvedic Pharamacy Jalgaon
13	Khan Abdul Kadir Firoz	The Pharmaceutical Products of India, Mumbai
14	Saudagar M Aadil M Aarif	Curex Pharamaceutical Jalgaon

15	M Faiz M Usman	Ressino biotech Mumbai
16	Maz Ah. Jaleel Ah.	Flemingo pharmaceutical pvt ltd Nanded
17	Mohd. Khobaib Sarvar Alam	The pharmaceutical Products of India, Mumbai
18	Md. Taufique Md. Parvez Alam	Gayatri Herby Tech Pharmaceuticals, Osmanabad
19	Md. Javed Ahmad Akhtar Ali	The pharmaceutical Products of India, Mumbai
20	Md. Danish Salauddin	Ressino biotech Mumbai
21	Md. Salman Shaikh Chand	The Indian pharma Turbe Mumbai
22	Naved Ahmad Khan Salauddin	Akola chemical pvt Ltd.Akola
23	Nurul Islam	Gayatri Herby Tech Pharmaceuticals, Osmanabad
24	Pinjari Abrar	Khandesh Ayurvedic Pharamacy Jalgaon
25	Quadri Fayyaz Ahmed Ejaz	The Pharmaceutical Products of India, Mumbai
26	Sk Sahad Harun	Curex Pharamaceutical Jalgaon
27	Sk Shahrukh Sk Muslim Pinjari	Khandesh Ayurvedic Pharamacy Jalgaon
28	M Arslaan M Dayyan	Ressino biotech Mumbai
29	Shaikh Kareem Shaikh Muzaffar	The Indian pharma Turbe Mumbai
30	Shafik Ah. Mohd. Nasir	The Indian pharma Turbe Mumbai
31	Shaikh Aminoddin Raisoddin	Gayatri Herby Tech Pharmaceuticals, Osmanabad
32	Khan Shahbaz Yunus	The Pharmaceutical Products of India, Mumbai
33	Shaikh Md. Aamir Md. Iqbal	The Pharmaceutical Products of India, Mumbai
34	Sk Muzammil Sk Shakeel	Wockhard pharmaceutical pvt ltd Aurangabad
35	Sk Shoaib Ah. Shaikh Iqbal	Khandesh Ayurvedic Pharamacy Jalgaon
36	Sk Yusuf Sk Taslim Pinjari	Khandesh Ayurvedic Pharamacy Jalgaon
37	Siddiqui Enaitullah	The Pharmaceutical Products of India, Mumbai
38	Momin Mohsin Abdul Latif	Nirmal Quality Products Jalgaon
39	Zulfukar Khan Mehboobkhan	The Pharmaceutical Products of India, Mumbai
40	Valvi Farhin	Wockhard pharmaceutical pvt ltd Aurangabad
41	Kazi Sirin Abraroddin	Sidmark India Valsad
42	Lajporiya Mobinaben Imtiyazbhai	Vapi Care Pharma Pvt. Ltd.Vapi

43	Manjra Mahefuza Usmangani	Elysin Pharma Vapi
44	Patel Seema Aiyubvali	Sun Pharma Baroda
45	Randera Jainab Shabbir	Wockhard pharmaceutical pvt ltd Ankaleshwar
46	Sayyed Nazifa Sabir Ali	RPG life science Thane
47	Laskar Zainab Bi Sharafat	The Pharmaceutical Products of India, Mumbai
48	Simran Ayaz	Krish Pharmaceuticals, Ahmedabad
49	Valvisumaben Sarversing	Vapi Care Pharma Pvt. Ltd.Vapi
50	Shah Afrin Salim	Resinno Biotech Pvt. Ltd. Mumbai
51	Saif Ali Meer Nazeer Ali	The Pharmaceutical Products of India, Mumbai
52	Momin Abrarulhaque	The Pharmaceutical Products of India, Mumbai
53	Muzammil Khan Yunus Khan	The Pharmaceutical Products of India, Mumbai
54	Aqeel Sha Tahir Khan	The Pharmaceutical Products of India, Mumbai

Academic year 2017-18

Sr. No.	Name	Industry
1	Abdul Hasan Noor Hasan	Nirmal Quality Product
2	Abdul Kadir Abdul Rab	Vergo Pharma Research lab. Goa
3	Ahmed Mushtaq	Khandesh Ayurvedic pharmacy
4	Ahmed Mohammad Amaan A	Khandesh Ayurvedic pharmacy
5	Amin Saud Ismail	Wockhardt ltd. Ankleshwar
6	Barejia Farhin	Wockhardt ltd. Ankleshwar
7	Deshmukh Mohd Mukhtar Mohd	Khandesh Ayurvedic pharmacy
8	Farooque Shah Shabbir Shah	Nirmal Quality Product
9	Haldrawa Tausif Ayyub	Nirmal Quality Product
10	Heena Parveen Mohammad	Vergo Pharma Research lab. Goa
11	Hussain Ahmed	Khandesh Ayurvedic pharmacy
12	Huzaifa Shah Rafique Shah	Nirmal Quality Product
13	Imran Husain Ahmad Husain	Khandesh Ayurvedic pharmacy
14	Junaid Khan Faramul Khan	Nirmal Quality Product

15	Kacchi Abdul Raheman Abdul	Khandesh Ayurvedic pharmacy
16	Khan Mohammad Abid	Khandesh Ayurvedic pharmacy
17	Khan Sadaf Imtiyaz	Nirmal Quality Product
18	Luhar Imran Mo Siddik	L.M. Laboratories pvt. Ltd.
19	Marathe Dinesh Rajendra	Nirmal Quality Product
20	Memam Rahim Rahematulla	Nirmal Quality Product
21	Meraj Siddiqui Israfil Siddiqui	Nirmal Quality Product
22	Mohammad Rashid Mohammad	Khandesh Ayurvedic pharmacy
23	Mohd Azhar Sk Ashfaque	Khandesh Ayurvedic pharmacy
24	Mohd Mujeebul Haque Mohd	Khandesh Ayurvedic pharmacy
25	Mohd Shahrukh Mohd Waseem	Nirmal Quality Product
26	Momin Mubeen Ahemad	Nirmal Quality Product
27	Mujahid Md Irfan Mohammad	Khandesh Ayurvedic pharmacy
28	Patel Adil Mahmed	J.B. Chemicals & Pharmaceuticals Ltd. Ankleshwar
29	Patel Bhupendra Dilip	Nirmal Quality Product
30	Patel Mo Shaffan Shaukat	J.B. Chemicals & Pharmaceuticals Ltd. Ankleshwar
31	Pathan Idriskhan Miyakhan	Khandesh Ayurvedic pharmacy
32	Pathan Naseema Khatun Rafaqat	J.B. Chemicals & Pharmaceuticals Ltd. Ankleshwar
33	Pathan Raufkhan Shahidkhan	RPG Life Sciences, Ankleshwar
34	Patil Akshay Baban	Nirmal Quality Product
35	Pinjari Juned Shaikh Ismail	Nirmal Quality Product
36	Sayed Ibrahim Imamali	Khandesh Ayurvedic pharmacy
37	Shah Dilshad Mahmedsagar	J.B. Chemicals & Pharmaceuticals Ltd.
38	Shahebaz Ahmad Mohd Jafar	Khandesh Ayurvedic pharmacy
39	Shaikh Gulam Rauf Ahmad	Khandesh Ayurvedic pharmacy
40	Shaikh Ifrar Shaikh Gaffar	Khandesh Ayurvedic pharmacy
41	Shaikh Iqbal Shaikh Ismaeel	Khandesh Ayurvedic pharmacy
42	Shaikh Seemab Yousuf	Vergo Pharma Research lab. Goa
43	Shaikh Shakil Shaikh Khalil	Nirmal Quality Product
44	Shaikh Shaziyparveen Mohd.	Vergo Pharma Research lab. Goa

45	Shaikh Tausif Ansar	Ashwamedh Biotech, Kopargaon
46	Shaikh Usman Shaikh Hanif	Khandesh Ayurvedic pharmacy
47	Shaikh Yasin Mohammed	Nirmal Quality Product
48	Shakil Ahamad Ramjan Ali	Khandesh Ayurvedic pharmacy
49	Shirgaonkar Azim Aslam	Khandesh Ayurvedic pharmacy
50	Sinorwala Mohammed Haroon	Nirmal Quality Product
51	Sk Razique Sk Munshi	Khandesh Ayurvedic pharmacy
52	Syed Mahefooz Ali Syed	Nirmal Quality Product
53	Tajaniya Ammar Umar	Khandesh Ayurvedic pharmacy
54	Taoqeer Ahmad Abdul Samad	Khandesh Ayurvedic pharmacy
55	Tutla Mehzabin Ibrahim	J.B. Chemicals & Pharmaceuticals Ltd. Ankleshwar
56	Vahora Mohammad Talha	J.B. Chemicals & Pharmaceuticals Ltd. Ankleshwar

Academic year 2016-17

Sr. No.	Name	Industry
1	Abdul Hafeezur Rehman Afzal	Nirmal Quality products
2	Amina Abdul Salam Ansari	The Pharmaceutical products of India New Mumbai
3	Ansari Shahid Raza Mohammad	The Pharmaceutical products of India New Mumbai
4	Bagwan Salim Sandu	Khandesh Ayurvedic Pharmacy
5	Bilal Jahangeer Deshmukh	Khandesh Ayurvedic Pharmacy
6	Irshad Ahmad Mohd Salim	The Pharmaceutical products of India New Mumbai
7	Jawwad Ahmad Khan Farooque	Nirmal Quality products
8	Kadiwala Arshad Alibhai	Khandesh Ayurvedic Pharmacy
9	Khan Ateequeahmad Zabiullah	A-Klass Drugs & Pharmaceuticals Pvt. Ltd
10	Khan Mohasin Najirkhan	Khandesh Ayurvedic Pharmacy
11	Lunat Mohmed Ismail	Nirmal Quality products
12	Makrani Abdul Waahid Abdul	Khandesh Ayurvedic Pharmacy
13	Makrani Kadir Salim	Khandesh Ayurvedic Pharmacy
14	Makrani Tausif Ahamad Jamil	Khandesh Ayurvedic Pharmacy

15	Maniyar Mo Imran Babulal	Nirmal Quality products
16	Maniyar Mohd Aves Abdul	Khandesh Ayurvedic Pharmacy
17	Mohammad Raza Khan \	Nirmal Quality products
18	Mohd Bilal Nawaz Mohd Iqbal	Nirmal Quality products
19	Mohd Meeran Aatif Mohammad	Nirmal Quality products
20	Mohd Sohel Mohd Muzammil	Nirmal Quality products
21	Mujahid Khan Hasan Khan	Nirmal Quality products
22	Mujtaba Khizer Farooque Hussain	Nirmal Quality products
23	Naseem Akhatr Ansari	Nirmal Quality products
24	Naziya Khiljee Ibrahim Khiljee	Nirmal Quality products
25	Patel Afzal Ayyub	Nirmal Quality products
26	Patel Hifzurrahman Yaqub	Unique Pharmaceutical Laboratories, Panoli
27	Pathan Aarifkha Alikha	Khandesh Ayurvedic Pharmacy
28	Pathan Sajeda Akbarkhan	The Pharmaceutical products of India New Mumbai
29	Pathan Tahreem Naazish Aziz	Swiss Pharma Pvt. Ltd., Ahmedabad
30	Qureshi Mudassir Gulam Dastagir	Nirmal Quality products
31	Qureshi Firdosh Latif	Globela Pharma Pvt. Ltd., Surat
32	Rizwana Shoeb	Callbar Pharmaceuticals, Surat
33	Salman Khan Usman Khan	The Pharmaceutical products of India New Mumbai
34	Shaikh Akbar Mohd Altaf	Khandesh Ayurvedic Pharmacy
35	Shaikh Anas Samad	The Pharmaceutical products of India New Mumbai
36	Shaikh Anis Shaikh Amin	Khandesh Ayurvedic Pharmacy
37	Shaikh Mustaqeem Shahabuddin	Nirmal Quality products
38	Siddiqi Hifjurrahman Md Athar	Nirmal Quality products
39	Siddiqui Nameera Amreen	Wockhardt Pvt.Ltd., Aurangabad
40	Sk Sohel Sk Javed	Khandesh Ayurvedic Pharmacy
41	Syed Wajahat Shafaat	Khandesh Ayurvedic Pharmacy
42	Yaseen Khan Ameen Khan	Khandesh Ayurvedic Pharmacy
43	Ahmadulla Khan Amanulla Khan	The Pharmaceutical products of India New Mumbai
44	Md Aasif Ezaz Md Afzal Hussain	Khandesh Ayurvedic Pharmacy

45	Md Tausif Akhtar Md Taiyab	Khandesh Ayurvedic Pharmacy
46	Mohammad Ahamad Quasim Ali	The Pharmaceutical products of India New Mumbai
47	Mohd Noman Mohd Ansar	Nirmal Quality products

The students are additionally given training for handling sophisticated instruments in college and outside college. College also started certificate course in Pharma Regulatory Affairs and Clinical Research from academic year 2017-18 which is approved by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, the details are given below.

2.2.6. Continuous Evaluation Process (10)

(Mention the process followed and its effectiveness)

Currently two curriculums namely Credit Grade based Performance and Assessment (CGPA) system from the academic year 2012- 2013 and PCI syllabus as per The Revised Regulations for the B. Pharm. Degree Program (CBCS) of the Pharmacy Council of India, New Delhi from academic year 2017-18. The Continuous Evaluation Process differs for both curriculums.

Continuous Evaluation Process for CGPA curriculum

Theory evaluation: In a semester period (90 days of instruction), sessional examination conducted after completion of syllabus as per the norms of Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon. The pattern is short essay type and long essay type. Each student is given feedback on the performance. Unit test, assignments are given to students, which are corrected and feedback is given. Further, attendance of regularity, active interaction in the classroom are given due credit in the evaluation. Therefore, the student is continuously engaged in the academic activity throughout the semester.

Practical Evaluation: In the laboratory setup, the experiments are conducted as per syllabus of Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon. A lot of time is spent for acquiring practical skills. The continuous evaluation provides the opportunity to practice the skill. It normally involves feedback and corrective action, completing the given task in a given time. This is the informal evaluation. The writing of the practical records, submission and evaluation are done regularly. Viva voce is conducted at the end of each

experiment (in every day) is another important feature of evaluation. Practical sessional examination of 20 marks consist on internal assessment of practical, day to day attendance, viva, and laboratory record. The distribution of marks for practical examination as given below

Attendance - 40%

Viva Voce - 20%

Laboratory Record/Performance - 40%

Continuous Evaluation Process for CBCS curriculum

Theory evaluation: In a semester period (90 days of instruction), two examinations are conducted with a gap of 40-45 days. These are conducted as per the norms of Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon. In fact, writing both of these examinations are compulsory for computing the average. The pattern is short essay type and long essay type. Each student is given feedback on the performance. Within the short period of 45 days, again each unit is tested in the form of supply type questions (short answer type) or multiple choice questions (MCQ's) tests. Further, assignments are given to students, which are corrected and feedback is given. Further, attendance of regularity, active interaction in the classroom are given due credit in the evaluation. Therefore, the student is continuously engaged in the academic activity throughout the semester.

Practical Evaluation: In a semester period (90 days of instruction), two examinations are conducted with a gap of 40-45 days. These are conducted as per the norms of Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon. In fact, writing both of these examinations are compulsory for computing the average. In the laboratory setup, the experiments are conducted as per syllabus of Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon. A lot of time is spent for acquiring practical skills. The continuous evaluation provides the opportunity to practice the skill. It normally involves feedback and corrective action, completing the given task in a given time. This is the informal evaluation. The writing of the practical records, submission and evaluation are done regularly. Viva voce is conducted at the end of each experiment (in every day) is another important feature of evaluation.

2.2.6. Quality of experiments (10)

(Mention the process followed and its effectiveness)

The college has a well-equipped Laboratories, machine room as well as an instrument room having equipment as per PCI and AICTE norms and sufficient as per curriculum of affiliated university. Kavayitri Bahinabai Chaudhari North Maharashtra University curriculum CGPA and CBCS specifies the number of experiments in each course along with the type of practicals to be conducted, after due consideration of the quality of the experiments. A few experiments are added by the college, in order to further enhance the quality of the experimental skills. A few highlights are enumerated below.

- The laboratories are spacious and equipped with the necessary infrastructure that facilitate for the smooth conduct of experiments.
- The college has the necessary equipment, instruments and apparatus as prescribed by the Pharmacy Council of India.
- The college has procured the necessary equipment in order to conduct the labs as per the specifications of PCI, and Kavayitri Bahinabai Chaudhari North Maharashtra University.
- The teachers are continuously striving and actively involved in research work, which is translated into the Practicals.
- Students are given demonstration and hands-on experience on equipment some of which are a part of their theory syllabus. Thus, students can correlate theoretical concepts with practical knowledge, enabling them to have a better understanding of the subject.
- Safe handling of chemicals, instruments and equipment is taught, wherever applicable.
- After conduction of every practical, results obtained are discussed.
- Students are oriented to refer Standard Operating Procedures (SOPs) before using any instrument or equipment especially for those which are sophisticated.
- Safety precautions while operating equipments are explained.
- Students are also explained the importance of documentation.
- The simulation experiments for the pharmacology are conducted regularly using established software.
- The language laboratory imparts specific skill. A multimedia aided language lab gives stress on experiments: grammatical exercises, phonetics pronunciation, oral presentations, vocabulary building, writing skills and interview skills.

- Each student is given opportunity to conduct the experiments independently. For this reason, the practical batch size limited to 20 students.
- The sophisticated equipment procured for PG programs are also extended to facilitate the learning by UG students.
- The staff has been involved in developing laboratory manuals and a few are published. However, the students are expected to consult them, but they have to write the own laboratory records.

CRITERION 3	Course Outcomes (COs) and Program Outcomes (POs)	100
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3.1 Establish the correlation between the courses and the Program Outcomes (20)

(NBA defined Program Outcomes as mentioned in Annexure I)

3.1.1 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

Sem / Course code/ Course title	CO Code	Statement
BP102 T / Pharmaceutical Analysis-I		The students should be able to;
	CO.BP102.1(T)	Understand the principle of volumetric and electrochemical analysis.
	CO.BP102.2(T)	Carryout various volumetric and electrochemical titrations.
	CO.BP102.3(T)	Develop analytical skills
	CO.BP102.4(T)	Explain the sources of mistakes and errors
	CO.BP102.5(T)	Know the fundamental methodology to prepare different strength of solution
	CO.BP102.6(T)	Know about estimation of various drugs
BP202T/ Pharmaceutical organic chemistry-I	CO.BP202.1(T)	Explain basic concept of organic chemistry.
	CO.BP202.2(T)	Classify organic compounds, common and IUPAC nomenclature of organic compounds.
	CO.BP202.3(T)	Write the structures, uses, name the type of isomerism of the organic compound.
	CO.BP202.4(T)	Explain the reaction, name the reaction and orientation of reaction.
	CO.BP202.5(T)	Analyze organic compounds by explaining qualitative tests.
BP302T/ Physical Pharmaceutics -I	CO.BP302.1(T)	Demonstrate basic concepts of Solubilization and explain their applications in pharmacy.
	CO.BP302.2(T)	Describe various states matters and properties of matters.
	CO.BP302.3(T)	Illustrate various physicochemical properties of drug molecules in the designing the dosage forms.
	CO.BP302.4(T)	Explain the principles of Complexation and protein binding.
	CO.BP302.5(T)	Analyze Buffer solution, Buffer equation and buffer capacity.
	CO.BP302.6(T)	Utilize the principles of Isotonicity in designing the dosage forms.
BP402T/Medicin	CO.BP402.1(T)	Understand the chemistry of drug with respect to

al Chemistry-I		their pharmacological activity.
	CO.BP402.2(T)	Understand the metabolic pathway and therapeutic value of drugs
	CO.BP402.3(T)	Illustrate the structure activity and relationship (SAR) of different drugs.
	CO.BP402.4(T)	Design and synthesize some molecule with respect to pharmacological action.
	CO.BP402.5(T)	Outline the mechanism pathway of different class of medicinal compounds
T 3.5.1/ Pharmaceutical Chemistry-VI	CO 3.5.1.1(T)	Understand basics and advances in Drug design, discovery and medicinal chemistry
	CO 3.5.1.2(T)	Understand the drug metabolism, metabolites, adverse effect and the therapeutic value of the drug.
	CO 3.5.1.3(T)	Clarify about the structure activity relationship (SAR) of different Classes of Drug
	CO 3.5.1.4(T)	Explain the chemistry of Drug with respect to their pharmacological activity
	CO 3.5.1.5(T)	Know the Chemical Synthesis of some Drug
	CO 3.5.1.6(T)	Able to present syllabus content and related topics with help of oral, poster and paper presentation
T 3.6.4/ Pharmacognosy- V	CO 3.6.4.1(T)	Explain the modern extraction, isolation and purification techniques of phytoconstituents Using modern analytical tools.
	CO 3.6.4.2(T)	Explain Concept of Stereoisomerism of Natural Products
	CO 3.6.4.3(T)	Describe and Recall the biosynthetic pathways, classification and pharmacological action of Triterpenoid, Glycosides.
	CO 3.6.4.4(T)	Explain the biosynthetic pathways and pharmacological action of Alkaloids.
	CO 3.6.4.5(T)	Explain the Introduction and biosynthetic pathways and Medicinal Important of Carotenoids, Lignans and Flavonoids.
	CO 3.6.4.6(T)	Explain Chemistry and Therapeutic Activity of Penicillin, Streptomycin and Tetracycline.
T 4.7.1/ Pharmaceutics – VIII (Pharmaceutical Technology - II	CO 4.7.1.1(T)	Explain about the routine of Industrial activities in Production of parental dosage form.
	CO 4.7.1.2 (T)	Understand about various approaches for development of ocular drug delivery
	CO 4.7.1.3 (T)	Know about stability study of pharmaceutical products
	CO 4.7.1.4 (T)	understated various polymers used in drug delivery systems
	CO 4.7.1.5 (T)	Know about formulation & evaluation of Microsphere
	CO 4.7.1.6 (T)	Improve knowledge about various optimization

		techniques used in pharmacy.
T 4.8.3./ Pharmaceutical Chemistry –IX (Medicinal Chemistry- IV)	CO 4.8.3.1(T)	Understand the chemistry of drugs with respect to their pharmacological activity.
	CO 4.8.3.2(T)	Understand the drug metabolic pathways, adverse effect and therapeutic value of drugs.
	CO 4.8.3.3(T)	Know the Structural Activity Relationship of different class of drugs.
	CO 4.8.3.4(T)	Study the chemical synthesis of selected drugs.
	CO 4.8.3.5(T)	Understand rational development of drugs.
	CO 4.8.3.6(T)	To present and explain syllabus and related topics with the help of oral, poster, paper presentation methods.

Table-3.1.1

BP 102 is Second course in first year first semester and 1 to N are out comes of this course (PCI syllabus)

T 3.5.1 is Theory First course in third year fifth semester and 1 to N are out comes of this course (CGPA syllabus)

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) (05)

BP102 T / Pharmaceutical Analysis I	CO/PO	1	2	3	4	5	6	7	8	9	10	11
	CO.BP102.1(T)	3	3	3	1	1	1	1	1	1	2	3
	CO.BP102.2(T)	3	3	3	1	1	1	1	1	2	2	3
	CO.BP102.3(T)	3	3	3	1	3	1	1	2	2	2	3
	CO.BP102.4(T)	3	3	2	1	2	2	1	2	2	3	3
	CO.BP102.5(T)	3	3	3	1	1	1	1	1	2	1	3
	CO.BP102.6(T)	3	3	3	1	1	1	1	1	2	2	3

BP202T/ Pharmaceutical organic chemistry- I	CO/PO	1	2	3	4	5	6	7	8	9	10	11
	CO.BP202.1(T)	3	1	2	-	-	3	-	2	2	-	3
	CO.BP202.2(T)	3	2	2	-	-	1	-	2	2	-	3
	CO.BP202.3(T)	3	2	3	-	-	1	-	1	1	2	3
	CO.BP202.4(T)	3	1	2	-	-	2	1	2	2	1	3
	CO.BP202.5(T)	3	2	3	-	-	2	2	-	1	1	3

BP302T/ Physical Pharmaceutics -I	CO/PO	1	2	3	4	5	6	7	8	9	10	11
	CO.BP302.1(T)	3	3	3	3	-	-	-	1	3	3	3
	CO.BP302.2(T)	3	2	2	1	-	-	-	1	3	3	3
	CO.BP302.3(T)	3	2	3	3	-	-	-	1	3	2	3
	CO.BP302.4(T)	3	3	3	3	-	-	-	1	3	1	3
	CO.BP302.5(T)	3	1	3	1	-	-	-	1	3	1	3
	CO.BP302.6(T)	3	2	3	2	-	-	-	1	3	1	3

BP402T/Medicinal Chemistry-I	CO/PO	1	2	3	4	5	6	7	8	9	10	11
	CO.BP402.1(T)	3	3	3	-	-	3	-	2	3	2	3
	CO.BP402.2(T)	3	3	3	-	-	2	-	2	2	2	3
	CO.BP402.3(T)	3	3	3	-	-	1	-	2	2	3	3
	CO.BP402.4(T)	3	3	3	-	-	1	-	-	2	3	3
CO.BP402.5(T)	3	3	3	-	-	2	-	1	1	-	3	

T 3.5.1/ Pharmaceutical Chemistry-VI	CO/PO	1	2	3	4	5	6	7	8	9	10	11
	CO 3.5.1.1(T)	3	3	2	2	-	3	2	-	3	3	3
	CO 3.5.1.2(T)	3	2	1	2	2	3	2	-	3	2	2
	CO 3.5.1.3(T)	3	-	1	2	1	3	2	3	3	2	2
	CO 3.5.1.4(T)	3	2	2	2	2	3	2	-	3	2	3
	CO 3.5.1.5(T)	3	3	1	1	2	3	2	-	3	2	2
CO 3.5.1.6(T)	3	3	2	2	2	3	2	3	3	2	2	

T 3.6.4/ Pharmacognosy-V	CO/PO	1	2	3	4	5	6	7	8	9	10	11
	CO 3.6.4.1(T)	3	2	3	3	3	2	1	3	2	2	3
	CO 3.6.4.2(T)	3	2	2	3	3	2	1	3	2	2	3
	CO 3.6.4.3(T)	3	1	3	2	3	1	1	3	1	2	3
	CO 3.6.4.4(T)	3	1	3	2	2	2	2	2	3	2	2
	CO 3.6.4.5(T)	3	1	2	2	2	2	1	2	2	2	2
CO 3.6.4.6(T)	3	1	2	2	1	3	3	2	3	2	3	

T 4.7.1/ Pharmaceutics – VIII (Pharmaceutical Technology - II)	CO/PO	1	2	3	4	5	6	7	8	9	10	11
	CO 4.7.1.1(T)	3	2	2	1	2	1	1	2	1	1	3
	CO 4.7.1.2 (T)	3	3	1	-	-	-	-	1	1	2	2
	CO 4.7.1.3 (T)	3	3	2	1	1	-	1	1	-	1	1
	CO 4.7.1.4 (T)	3	3	2	-	-	1	-	-	1	2	-
	CO 4.7.1.5 (T)	3	3	2	2	1	2	1	1	1	1	3
	CO 4.7.1.6 (T)	3	3	1	2	2	1	-	1	2	2	2

T 4.8.3/ Pharmaceutical Chemistry –IX (Medicinal Chemistry- IV)	CO/PO	1	2	3	4	5	6	7	8	9	10	11
	CO 4.8.3.1(T)	3	-	3	-	-	3	-	-	3	-	3
	CO 4.8.3.2(T)	3	-	3	-	-	3	-	-	3	-	3
	CO 4.8.3.3(T)	3	-	3	-	-	3	-	-	1	-	3
	CO 4.8.3.4(T)	3	-	3	-	-	3	-	-	3	3	3
	CO 4.8.3.5(T)	3	-	3	-	-	3	-	-	3	-	3
CO 4.8.3.6(T)	3	3	2	3	3	3	3	3	3	3	-	-

Table-3.1.2

Note: Correlation levels '1', '2' or '3' as define below:

'1': Slight (Low)

'2': Moderate (Medium)

'3': Substantial (High)

'-' : No correlation

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

PCI (CBCS) Syllabus

Course code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
BP101T	3	2.6	2.6	2.6	2.5	0.8	0.8	2.6	2.4	1.2	2.6
BP102T	3	3	2.83	1	1.5	1.16	1	1.33	1.83	2	3
BP103T	2.5	0.5	1.5	1.66	0.5	3	0.5	0.5	2.66	0.5	2.5
BP104T	3	2.3	2.3	0.5	0.66	2.8	0.8	0.5	2.3	1.5	3
BP105T	0.6	2	1.6	1.3	2.3	1.5	0.8	3	0.8	1.3	2.3
BP106R MT	0.6	2.5	3	1	-	-	-	-	-	-	1.67
BP107P	3	2.6	2.6	2.6	2.5	02	0.8	2.6	2.4	1.2	3

BP108P	3	1	1	1	1	1	1.33	1	1	1	3
BP109P	3	1	1	1	2	1	1	1	1	1	3
BP110P	3	3	2.5	-	3	2.5	1.5	0.5	2.25	1.5	3
BP111P	0.3	1.5	0.6	1.8	1.5	1	1	2.8	1.1	1.1	2.6
BP201T	3	3	3	3	3	3	3	3	3	2	3
BP202T	3	1.6	2.4	-	-	1.8	.6		1.6	.8	3
BP203T	3	2.8	3	1	1	2	1.4	1	2.4	1.4	3
BP204T	3	3	3	3	2	3	3	2	3	3	3
BP205T	1.5	1.6	2.6	2.8	-	0.3	-	0.5	-	0.1	2.8
BP206T	0.7	2.2	2.5	0.5	1	0.75	0.5	0.75	0.5	1.5	1.75
BP207P	3	2	3	3	3	3	3	3	3	3	3
BP208P	3	3	3	-	3	1.6	1.4	1.6	1.6	1.2	3
BP209P	3	2.75	3	1	1	2	2	1	2	1	3
BP210P	1.2	2	2	3	0.8	0.5	0.5	1	0.5	0.5	3
BP301T	3	2	2.2	-	-	2.6	.6	-	1	-	3
BP302T	3	2.2	2.8	2.2	-	-	-	1	3	1.8	3
BP303T	3	1.8	1.6	2.2	-	-	2	1.2	2.2	1.8	3
BP304T	3	1.5	1.8	2.5	1	1.2	1.2	1	1.6	1.4	3
BP305P	3	3	3	-	3	3	.75	.5	2	.75	3
BP306P	3	3	3	2.2	-	2.2	1.6	2.4	1.8	2.6	3
BP307P	3	2.3	1.5	2.5	-	-	1.8	1.3	1.8	1.3	3
BP308P	3	1.5	1.8	2.5	1	1.2	1.2	1	1.6	1.4	3
BP401T	3	3	3	-	-	3	-	-	2.4	.6	3
BP402T	3	3	3	-	-	1.8	-	1.5	2	2	3
BP403T	3	1.8	2.5	2.2	-	-	-	1	2.8	2.2	3
BP404T	3	1	3	1	3	2	3	1	1	2	3
BP405T	3	2.7	2.8	1.8	1	2.8	3	1	3	3	3
BP406P	3	3	3	-	3	2.3	2	2.3	1.3	1.3	3
BP407P	3	3	3	2.2	-	2.2	1.6	2.4	1.8	2.6	3
BP408P	3	1	3	1	3	2	3	1	1	2	3
BP409P	3	3	3	2.5	1	3	3	1	3	3	3

CGPA Syllabus

Course code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
T.1.1.1	3	2.8	1.8	1.3	1	0.83	1	1.5	0.6	1	2.6
P.1.1.1.	3	1.5	1.3	0.83	1.6	0.83	1.1	1.3	1	1	2.8
T.1.1.2.	3	2.7	2.8	1.8	1	2.8	3	1	3	3	3
P.1.1.2	3	2.8	3	2	1	3	3	1	3	2.8	3
T.1.1.3.	3	2.16	2.16	-	0.5	2.16	0.83	1.33	2.33	1	3
P.1.1.3	3	3	3	-	3	2.66	2	2	2.33	1	3
T.1.1.4.	1	2.1	2.1	1.8	-	-	-	0.5	-	-	3
P.1.1.4	-	-	-	1	-	-	-	-	-	-	3
T.1.1.5.	0.3	1.5	0.6	1.8	1.5	1	1	2.8	1.1	1.1	2.6
T 1.2.1.	3	2.3	1.5	2.3	1	1.1	1	1	1.5	0.8	2.3
P 1.2.1.	3	1.8	2	1.6	1.6	0.83	1.1	1.1	1.8	0.83	2.6
T 1.2.2.	3	2.16	2.16	-	0.5	2.16	0.83	1.33	2.33	1	3
P 1.2.2.	3	3	3	-	3	2.66	2	2	2.33	1	3
T 1.2.3.	3	1.66	1.66	-	-	3	-	1.16	2.8	1.83	3
P 1.2.3.	3	3	3	-	3	3	2	3	1	2	3
T 1.2.4.	3	3.2	1.2	2.8	2.6	02	05	2.8	2.4	2.4	3
P 1.2.4.	3	2.6	2.6	2.6	2.5	0.8	0.8	2.6	2.4	1.2	2.6
T 1.2.5.	1.5	1.6	1.5	1.5	1.3	1	1	1.3	1	1	3
5555	-	2.1	2.8	-	0.5	-	-	-	-	-	2.3
T 2.3.1	3	1.8	2.5	2.2	-	-	-	1	2.8	2.2	3
P 2.3.1	3	3	3	2.2	-	2.2	1.6	2.4	1.8	2.6	3
T 2.3.2.	3	2	1.5	-	-	2	-	-	0.66	1.5	3
P 2.3.2.	3	2.75	2.75	-	2.75	2	1.5	-	1	-	3
T 2.3.3.	3	1.4	2	2	1	2	2	1	2.2	2.8	3
P 2.3.3.	3	1.6	2.8	1.8	1	1.8	1.8	1	2.4	2.2	3
T 2.3.4.	3	3	1.4	1.6	1	1	1	1	1	1	3
P 2.3.4.	3	3	1.8	1	1	1	1	1	1	1	3
T 2.3.5	3	1	2	1.2	1	2	1	3	2	2	3
P 2.3.5	3	2	1.5	2.1	1.8	2.8	2.5	3	2.5	3	3

T.2.3.6	3	3	3	3	2	3	3	2	3	3	3
T.2.4.1.	3	1.6	2	2.8	-	1.8	0.6	1.8	1.8	1.1	3
P.2.4.1.	3	3	3	2.2	-	2.2	1.6	2.4	1.8	2.6	3
T.2.4.2.	3	1.8	1.6	2.2	-	-	2	1.2	2.2	1.8	3
P.2.4.2.	3	2.3	1.5	2.5	-	-	1.8	1.3	1.8	1.3	3
T.2.4.3.	3	1.4	2	2	1	2	2	1	2.2	2.8	3
P.2.4.3.	3	1.6	2.8	1.8	1	1.8	1.8	1	2.4	2.2	3
T.2.4.4.	3	3	3	-	0.83	2.67	1.33	2.33	2.5	1.83	3
P.2.4.4.	3	3	3	-	1	3	2	3	3	2	3
T 2.4.5	3	2	3	1	1	1	1	1	2	2	3
P 2.4.5.	3	3	3	1	2	2	2	1	3	1	3
T.2.4.6.	3	3	3	3	2	3	3	2	3	3	3
T 3.5.1.	3	2.1	1.5	1.8	1.5	3	2	1	3	2.1	2.3
P 3.5.1.	3	3	2	3	2	2	2	3	2	3	3
T 3.5.2.	3	3	3	3	0.67	3	1.17	0.67	1	2	3
P 3.5.2.	3	3	3	1	2	2	1	2	1	2	3
T 3.5.3.	3	3	3	3	2	3	3	2	3	3	3
P 3.5.3.	3	3	3	3	3	3	3	3	3	3	3
T 3.5.4.	3	2.66	2.66	2.66	2.33	1.66	1.83	1.83	1.66	2.33	2.83
P 3.5.4.	3	2.8	2.8	2.8	2.6	1.6	2	2.8	2.4	2.4	2.8
T 3.5.5	3	3	3	2.5	1	1.5	1.6	1	1	1	3
P 3.5.5.	3	3	3	1	1	2	2	1	3	1	3
T 3.6.1.	3	2.1	1.16	1.8	1.33	3	2	0.5	3	2.1	2.3
P 3.6.1	3	3	2	3	2	2	2	3	2	3	3
T 3.6.2.	3	3	3	1	0.17	3	2.33	0.33	3	3	3
P 3.6.2.	3	3	3	1	2	2	3	1	3	3	3
T 3.6.3.	3	1.33	2.5	2.33	2.33	2	1.5	2.5	2.1	2	2.66
P 3.6.3.	3	2.66	2.5	1.33	2.5	2.33	3	2	2.66	2	2.33
T 3.6.4.	3	1.33	2.5	2.33	2.33	2	1.5	2.5	2.1	2	2.66
P 3.6.4	3	2.33	2.33	3	2.66	1.66	2	3	2.33	2.33	3
T 3.6.5.	3	2.66	2.5	1.33	2.5	1.83	3	2	2.66	2	2.33

P 3.6.6	1	0.4	0.2		-	0.4	-	-	-	0.6	1
T 4.7.1.	3	2.8	1.6	1	1	0.83	0.5	0.83	1.1	1.5	1.8
P 4.7.1.	3	2.1	1	1.3	0.83	0.83	1	0.33	1.5	0.5	1.6
T 4.7.2.	3	0.5	2.8	1	0.5	3	0.5	0.5	2.66	0.5	2.5
P 4.7.2	2.5	0.5	1.5	1.5	0.5	3	0.5	0.5	2.66	0.5	2.5
T 4.7.3.	3	3	3	3	2	3	3	2	3	3	3
P 4.7.3.	3	3	3	3	3	3	3	3	3	3	3
T 4.7.4.	3	3	3	3	1	3	1	1	3	2.83	3
P 4.7.4.	3	3	3	3	1	3	1	1	3	3	3
T 4.7.5.	3	2.16	1.83	2.16	2	2	2	2.5	2.33	2.33	2.33
T 4.7.6	3	2.5	2.83	2.5	2.16	3	2.16	2	2.83	3	3
T 4.8.1.	2.6	2.5	1.6	0.83	1	0.66	1.3	0.66	1.1	0.83	2.1
P 4.8.1.	2.8	2.3	1.6	0.83	1.1	1	0.83	1	1.1	1.1	2
T 4.8.2.	3	3	2	3	1	3	2	0.5	3	2	2
P 4.8.2.	3	3	3	3	1	3	1	1	3	3	3
T 4.8.3.	3	0.5	2.8	0.5	0.5	3	0.5	0.5	2.66	0.5	2.5
P 4.8.3.	2.5	0.5	1.5	1.5	0.5	3	0.5	0.5	2.66	0.5	2.5
T 4.8.4.	3	2.66	2.66	2.66	2.33	1.66	1.83	1.83	1.66	2.33	2.83
P 4.8.4.	3	3	3	2	1	2	1	2	2	2	3
T 4.8.5.	3	3	3	3	2	3	3	2	3	3	3
T 4.8.6	3	2.16	1.83	2.16	2	2	2	3.00	2.33	2.33	2.33
P 4.8.7.	1.6	0.6	0.2	-	-	0.6	-	-	-	0.6	1.4

Table-3.1.3*

Note: Correlation levels '1', '2' or '3' as define below:

'1': Slight (Low)

'2': Moderate (Medium)

'3': Substantial (High)

'-' : No correlation

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)

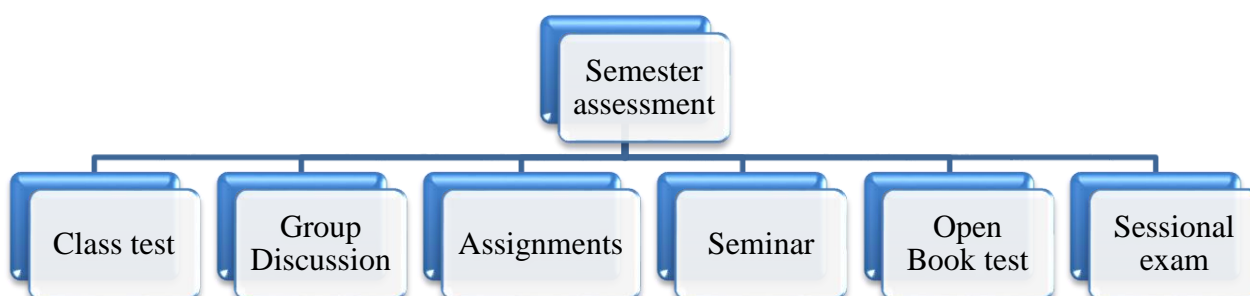
(Examples of data collection processes may include, but are not limited to, specific exam/tutorial questions, assignments, laboratory tests, project evaluation, student portfolios (A portfolio is a collection of artifacts that demonstrate skills, personal characteristics, and accomplishments created by the student during study period), internally developed assessment exams, project presentations, oral exams, focus groups etc. It is expected that each theory subject taught should impart specific knowledge and make a foundation for a set of Basic Concepts related to it. Similarly the laboratory experiments should have some predetermined and predefined skills which can be developed during the study)

Assessment processes is divided into two parts

- a) Internal Assessments
- b) University Assessment

For CGPA 20% & 25% PCI syllabus weightage is given for Internal Assessments and For CGPA 80% & 75% PCI syllabus weightage is given for University Assessment. This is in accordance with the weightage given in University curriculum.

Internal Assessment: The course outcomes are assessed by the performance of students in the internal exams as per curriculum of PCI & CGPA pattern.



University Assessment: It is an important tool for assessment of course outcomes. This examination consists of descriptive type questions and is conducted by the KBC University Jalgaon.

1. As the University does not provide average or median marks, we have set University pass percentage as per CGPA syllabus (40%) & PCI syllabus (50%) as the target level for theory courses and as the target level for practical courses.

2. If 50% of students have obtained marks above target then the level is considered as low level 1.
3. If 55% of students have obtained marks above target then the level is considered as level 2.
4. If 60% of students have obtained marks above target then the level is considered as high level 3.

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

Program shall have set Course Outcome attainment levels for all courses.

(The attainment levels shall be set considering average performance level in the university examination or any higher value set as target for the assessment years. Attainment level is to be measured in terms of student performance in internal assessment with respect the course outcomes of a course in addition to the performance in the university examination)

Measuring Course Outcomes attained through University Examination

Target may be stated in terms of percentage of student getting more than the university average marks or more as selected by the Program in the final examination. For cases where the university does not provide useful indicates like average or median marks etc., the program may choose an attainment level on its own with justification.

Example related to attainment levels Vs. Targets: (The examples indicated are for reference only. Program may appropriately define levels)

Attainment Level 1: 60 % student scoring more than University average percentage marks or set attainment level in the final examination is considered to be attainment of "1"

Attainment Level 2: 70 % student scoring more than University average percentage marks or set attainment level in the final examination is considered to be attainment of "2"

Attainment Level 3: 80 % student scoring more than University average percentage marks or set attainment level in the final examination is considered to be attainment of "3"

- * *Attainment is measured in terms of actual percentage of students getting set percentage of marks.*
- * *If targets are achieved then all the course outcomes are attained for that year. Program is expected to set higher targets for the following years as a part of continuous improvement.*

- * *If targets are not achieved the program should put in place an action plan to attain the target in subsequent years.*

Measuring CO attainment through Internal Assessments: (The examples indicated are for references only. Program may appropriately define levels)

Target may be stated in terms of percentage of student getting more than class average marks or set by the program in each of the associated COs in the assessment instruments (midterm tests, assignment, mini projects, reports and presentations etc. as mapped with Cos)

Example

Midterm test one addresses C202.1 to C202.2 Out of maximum 20 marks for this test 12 marks are associated with C202.1 and 8 marks are associated with C201.2 Examples related to attainment levels vs. targets:

Attainment Level 1: 60 % student scoring more than 40 % marks out of the **relevant maximum marks is considered to be attainment of “1”**

Attainment Level 2: 70 % student scoring more than 40 % marks out of the **relevant maximum marks is considered to be attainment “2”**

Attainment Level 3: 80 % student scoring more than 40 % marks out of the **relevant maximum marks is considered to be attainment of “3”**

- * *Attainment is measured in terms of actual percentage of students getting set percentage of marks.*
- * *If targets are achieved then C201.1, C202.2 & are attained for that year. Program is expected to set higher targets for the following years as a part of continuous improvement.*
- * *If targets are not achieved the program should put in place an action plan to attain the target in subsequent years.*

Similar targets and achievement are to be stated for the other midterm tests/internal assessment instruments.

Course Outcome Attainment:

For example:

Attainment through University Examination: Substantial i.e. 3

Attainment through Internal Assessment: Moderate i.e. 2

Assuming 80 % weightage to University exams and 20 % weightage to Internal assessment, the attainment calculation will be (80 % of University level) + (20 % of Internal Level) i.e. 80 % of 3 + 20 % of 2 = 2.4 + 0.4 = 2.8

Note: Weightage of 80 % to University exam is only an example. Programs may decide weightage appropriately for University exams and Internal assessment with due justification. As per the curriculum prescribed by KBC NMU University Jalgaon, weightage of university end semester exam marks and internal exams marks were considered and it was decided to calculate the CO attainments as 80% weightage to the university end semester exam and 20% weightage to the Internal Examination.

$$80\% \text{ of } 3 + 20\% \text{ of } 3 = 2.4 + 0.6 = 3$$

Table 3.2.1a: Consolidated: University + Internal Marks 2015-16

SEM	Sr. no.	CODE	SUBJECTS	CO Attainment				
				INT	EXT	20% OF INT	80% OF EXT	Attainment level
SEM-I	1	T 1.1.1	Pharmaceutics-I (Dispensing Pharmacy)	3	3	0.6	2.4	3
	2	P 1.1.1	Pharmaceutics-I (Dispensing Pharmacy)	3	3	0.6	2.4	3
	3	T 1.1.2	Pharmacognosy-I	3	0	0.6	0	0.6
	4	P 1.1.2	Pharmacognosy-I	3	3	0.6	2.4	3
	5	T 1.1.3	Pharmaceutical Chemistry-I (Inorganic Pharmaceutical Chemistry)	3	3	0.6	2.4	3
	6	P 1.1.3	Pharmaceutical Chemistry-I (Inorganic Pharmaceutical Chemistry)	3	3	0.6	2.4	3
	7	T 1.1.4	Applied Biostatistics & Computer Applications in Pharmacy	3	3	0.6	2.4	3
	8	P 1.1.4	Applied Biostatistics & Computer Applications in Pharmacy	3	3	0.6	2.4	3
	9	T 1.1.5	Communicating skills & soft Skills development	3	3	0.6	2.4	3
SEM-II	10	T 1.2.1	Pharmaceutics –II (Unit Operation)	3	3	0.6	2.4	3
	11	P 1.2.1	Pharmaceutics –II (Unit Operation)	3	3	0.6	2.4	3

	12	T 1.2.2	Pharmaceutical Chemistry –II (Inorganic & Physical Chemistry)	3	3	0.6	2.4	3
	13	P 1.2.2	Pharmaceutical Chemistry –II (Inorganic & Physical Chemistry)	3	3	0.6	2.4	3
	14	T 1.2.3	Pharmaceutical Chemistry-III (Organic Chemistry-I)	3	3	0.6	2.4	3
	15	P 1.2.3	Pharmaceutical Chemistry-III (Organic Chemistry-I)	3	3	0.6	2.4	3
	16	T 1.2.4	Anatomy, Physiology & Health Education (APHE) – I	3	3	0.6	2.4	3
	17	P 1.2.4	Anatomy, Physiology & Health Education (APHE) – I	3	3	0.6	2.4	3
	18	T 1.2.5	Industrial Psychology	3	3	0.6	2.4	3
	19	5555	Environmental Science	3	3	0.6	2.4	3
	SEM-III	20	T 2.3.1	Pharmaceutics-III (Physical Pharmacy-I)	3	3	0.6	2.4
21		P 2.3.1	Pharmaceutics-III (Physical Pharmacy-I)	3	3	0.6	2.4	3
22		T 2.3.2	Pharmaceutical Chemistry-IV (Organic Chemistry - II)	3	3	0.6	2.4	3
23		P 2.3.2	Pharmaceutical Chemistry-IV (Organic Chemistry - II)	3	3	0.6	2.4	3
24		T 2.3.3	Pharmacognosy –II	3	3	0.6	2.4	3
25		P 2.3.3	Pharmacognosy –II	3	3	0.6	2.4	3
26		T 2.3.4	Pharmaceutical Analysis – I	3	3	0.6	2.4	3
27		P 2.3.4	Pharmaceutical Analysis – I	3	3	0.6	2.4	3
28		T 2.3.5	Anatomy, Physiology & Health Education (APHE) – II	3	3	0.6	2.4	3
29		P 2.3.5	Anatomy, Physiology & Health Education (APHE) – II	3	3	0.6	2.4	3
30		T 2.3.6	Pathophysiology of Common Diseases-I	3	3	0.6	2.4	3
SEM-IV	31	T 2.4.1	Pharmaceutics – IV((Physical Pharmacy-II)	3	3	0.6	2.4	3
	32	P 2.4.1	Pharmaceutics – IV((Physical Pharmacy-II)	3	3	0.6	2.4	3
	33	T 2.4.2	Pharmaceutical Microbiology	3	3	0.6	2.4	3
	34	P 2.4.2	Pharmaceutical Microbiology	3	3	0.6	2.4	3
	35	T 2.4.3	Pharmacognosy – III	3	3	0.6	2.4	3
	36	P 2.4.3	Pharmacognosy – III	3	3	0.6	2.4	3
	37	T 2.4.4	Pharmaceutics –V (Hospital	3	3	0.6	2.4	3

			Pharmacy)					
	38	P 2.4.4	Pharmaceutics –V (Hospital Pharmacy)	3	3	0.6	2.4	3
	39	T 2.4.5	Pharmaceutical Chemistry – V (Biochemistry)	3	3	0.6	2.4	3
	40	P 2.4.5	Pharmaceutical Chemistry – V (Biochemistry)	3	3	0.6	2.4	3
	41	T 2.4.6	Pathophysiology of Common Diseases-II	3	3	0.6	2.4	3
SEM-V	42	T 3.5.1	Pharmaceutical Chemistry – VI (Medicinal Chemistry)	3	3	0.6	2.4	3
	43	P 3.5.1	Pharmaceutical Chemistry – VI (Medicinal Chemistry)	3	3	0.6	2.4	3
	44	T 3.5.2	Pharmaceutics – VI (Pharmaceutical Technology I)	3	3	0.6	2.4	3
	45	P 3.5.2	Pharmaceutics – VI (Pharmaceutical Technology I)	3	3	0.6	2.4	3
	46	T 3.5.3	Pharmacology – I	3	3	0.6	2.4	3
	47	P 3.5.3	Pharmacology – I	3	3	0.6	2.4	3
	48	T 3.5.4	Pharmacognosy –IV	3	3	0.6	2.4	3
	49	P 3.5.4	Pharmacognosy –IV	3	3	0.6	2.4	3
	50	T 3.5.5	Pharmaceutical Analysis-II	3	3	0.6	2.4	3
	51	P 3.5.5	Pharmaceutical Analysis-II	3	3	0.6	2.4	3
SEM-VI	52	T 3.6.1	Pharmaceutical Chemistry - VII (Medicinal Chemistry -II)	3	3	0.6	2.4	3
	53	P 3.6.1	Pharmaceutical Chemistry - VII (Medicinal Chemistry -II)	3	3	0.6	2.4	3
	54	T 3.6.2	Pharmaceutics –VII (Biopharmaceutics& Pharmacokinetics)	3	3	0.6	2.4	3
	55	P 3.6.2	Pharmaceutics –VII (Biopharmaceutics& Pharmacokinetics)	3	3	0.6	2.4	3
	56	T 3.6.3	Pharmacology –II	3	3	0.6	2.4	3
	57	P 3.6.3	Pharmacology –II	3	3	0.6	2.4	3
	58	T 3.6.4	Pharmacognosy - V (Chemistry of Natural Products)	3	3	0.6	2.4	3
	59	P 3.6.4	Pharmacognosy - V (Chemistry of Natural Products)	3	3	0.6	2.4	3
	60	T 3.6.5	Pharmaceutical Jurisprudence& Ethics	3	3	0.6	2.4	3

	61	P 3.6.6	Project Report	0	3	0	2.4	2.4
SEM-VII	62	T 4.7.1	Pharmaceutics – VIII (Pharmaceutical Technology - II)	3	3	0.6	2.4	3
	63	P 4.7.1	Pharmaceutics – VIII (Pharmaceutical Technology - II)	3	3	0.6	2.4	3
	64	T 4.7.2	Pharmaceutical Chemistry- VIII(Medicinal Chemistry – III)	3	3	0.6	2.4	3
	65	P 4.7.2	Pharmaceutical Chemistry- VIII(Medicinal Chemistry – III)	3	3	0.6	2.4	3
	66	T 4.7.3	Pharmacology –III	3	3	0.6	2.4	3
	67	P 4.7.3	Pharmacology –III	3	3	0.6	2.4	3
	68	T 4.7.4	Pharmaceutical Analysis-III	3	3	0.6	2.4	3
	69	P 4.7.4	Pharmaceutical Analysis-III	3	3	0.6	2.4	3
	70	T 4.7.5	Pharmaceutical Biotechnology	3	3	0.6	2.4	3
	71	T 4.7.6	Pharmaceutical Industrial Management	3	3	0.6	2.4	3
	SEM-VIII	72	T 4.8.1	Pharmaceutics – IX	3	3	0.6	2.4
73		P 4.8.1	Pharmaceutics – IX	3	3	0.6	2.4	3
74		T 4.8.2	Pharmaceutical Analysis – IV	3	3	0.6	2.4	3
75		P 4.8.2	Pharmaceutical Analysis – IV	3	3	0.6	2.4	3
76		T 4.8.3	Pharmaceutical Chemistry-IX (Medicinal Chemistry- IV)	3	3	0.6	2.4	3
77		P 4.8.3	Pharmaceutical Chemistry-IX (Medicinal Chemistry- IV)	3	3	0.6	2.4	3
78		T 4.8.4	Pharmacognosy – VI	3	3	0.6	2.4	3
79		P 4.8.4	Pharmacognosy – VI	3	3	0.6	2.4	3
80		T 4.8.5	Pharmacology - IV (Clinical Pharmacy & Drug Interactions)	3	3	0.6	2.4	3
81		T 4.8.6	Bioavailability and TDM (Elective)	3	3	0.6	2.4	3
82		T 4.7.7	Industrial training report	0	3	0	2.4	2.4

Table 3.2.1b: Consolidated: University + Internal Marks 2016-17

SEM	Sr. no.	CODE	SUBJECTS	CO Attainment				
				INT	EXT	20% OF INT	80% OF EXT	Attainment level
SEM-I	1	T 1.1.1	Pharmaceutics-I (Dispensing Pharmacy)	3	3	0.6	2.4	3
	2	P 1.1.1	Pharmaceutics-I (Dispensing Pharmacy)	3	3	0.6	2.4	3
	3	T 1.1.2	Pharmacognosy-I	3	2	0.6	1.6	2.2
	4	P 1.1.2	Pharmacognosy-I	3	3	0.6	2.4	3
	5	T 1.1.3	Pharmaceutical Chemistry-I (Inorganic Pharmaceutical Chemistry)	3	2	0.6	1.6	2.2
	6	P 1.1.3	Pharmaceutical Chemistry-I (Inorganic Pharmaceutical Chemistry)	3	3	0.6	2.4	3
	7	T 1.1.4	Applied Biostatistics & Computer Applications in Pharmacy	3	0	0.6	0	0.6
	8	P 1.1.4	Applied Biostatistics & Computer Applications in Pharmacy	3	3	0.6	2.4	3
	9	T 1.1.5	Communicating skills & soft Skills development	2	3	0.4	2.4	2.8
SEM-II	10	T 1.2.1	Pharmaceutics –II (Unit Operation)	3	3	0.6	2.4	3
	11	P 1.2.1	Pharmaceutics –II (Unit Operation)	3	3	0.6	2.4	3
	12	T 1.2.2	Pharmaceutical Chemistry –II (Inorganic & Physical Chemistry)	3	0	0.6	0	0.6
	13	P 1.2.2	Pharmaceutical Chemistry –II (Inorganic & Physical Chemistry)	3	3	0.6	2.4	3
	14	T 1.2.3	Pharmaceutical Chemistry-III (Organic Chemistry-I)	3	0	0.6	0	0.6
	15	P 1.2.3	Pharmaceutical Chemistry-III (Organic Chemistry-I)	3	3	0.6	2.4	3
	16	T 1.2.4	Anatomy, Physiology & Health Education (APHE) – I	3	3	0.6	2.4	3
	17	P 1.2.4	Anatomy, Physiology & Health Education (APHE) – I	3	3	0.6	2.4	3
	18	T 1.2.5	Industrial Psychology	3	3	0.6	2.4	3
	19	5555	Environmental Science	3	3	0.6	2.4	3

SEM-III	20	T 2.3.1	Pharmaceutics-III (Physical Pharmacy-I)	3	3	0.6	2.4	3
	21	P 2.3.1	Pharmaceutics-III (Physical Pharmacy-I)	3	3	0.6	2.4	3
	22	T 2.3.2	Pharmaceutical Chemistry-IV (Organic Chemistry - II)	3	3	0.6	2.4	3
	23	P 2.3.2	Pharmaceutical Chemistry-IV (Organic Chemistry - II)	3	3	0.6	2.4	3
	24	T 2.3.3	Pharmacognosy –II	3	3	0.6	2.4	3
	25	P 2.3.3	Pharmacognosy –II	3	3	0.6	2.4	3
	26	T 2.3.4	Pharmaceutical Analysis – I	3	0	0.6	0	0.6
	27	P 2.3.4	Pharmaceutical Analysis – I	3	3	0.6	2.4	3
	28	T 2.3.5	Anatomy, Physiology & Health Education (APHE) – II	3	3	0.6	2.4	3
	29	P 2.3.5	Anatomy, Physiology & Health Education (APHE) – II	3	3	0.6	2.4	3
	30	T 2.3.6	Pathophysiology of Common Diseases-I	3	3	0.6	2.4	3
SEM-IV	31	T 2.4.1	Pharmaceutics – IV((Physical Pharmacy-II)	3	3	0.6	2.4	3
	32	P 2.4.1	Pharmaceutics – IV((Physical Pharmacy-II)	3	3	0.6	2.4	3
	33	T 2.4.2	Pharmaceutical Microbiology	3	3	0.6	2.4	3
	34	P 2.4.2	Pharmaceutical Microbiology	3	3	0.6	2.4	3
	35	T 2.4.3	Pharmacognosy – III	3	2	0.6	1.6	2.2
	36	P 2.4.3	Pharmacognosy – III	3	3	0.6	2.4	3
	37	T 2.4.4	Pharmaceutics –V (Hospital Pharmacy)	3	3	0.6	2.4	3
	38	P 2.4.4	Pharmaceutics –V (Hospital Pharmacy)	3	3	0.6	2.4	3
	39	T 2.4.5	Pharmaceutical Chemistry – V (Biochemistry)	3	3	0.6	2.4	3
	40	P 2.4.5	Pharmaceutical Chemistry – V (Biochemistry)	3	3	0.6	2.4	3
	41	T 2.4.6	Pathophysiology of Common Diseases-II	3	3	0.6	2.4	3
SEM-V	42	T 3.5.1	Pharmaceutical Chemistry – VI (Medicinal Chemistry	3	3	0.6	2.4	3
	43	P 3.5.1	Pharmaceutical Chemistry – VI (Medicinal Chemistry	3	3	0.6	2.4	3
	44	T 3.5.2	Pharmaceutics – VI (Pharmaceutical Technology I)	3	3	0.6	2.4	3
	45	P 3.5.2	Pharmaceutics – VI (Pharmaceutical Technology I)	3	3	0.6	2.4	3

	46	T 3.5.3	Pharmacology – I	3	3	0.6	2.4	3
	47	P 3.5.3	Pharmacology – I	3	3	0.6	2.4	3
	48	T 3.5.4	Pharmacognosy –IV	3	3	0.6	2.4	3
	49	P 3.5.4	Pharmacognosy –IV	3	3	0.6	2.4	3
	50	T 3.5.5	Pharmaceutical Analysis-II	3	3	0.6	2.4	3
	51	P 3.5.5	Pharmaceutical Analysis-II	3	3	0.6	2.4	3
SEM-VI	52	T 3.6.1	Pharmaceutical Chemistry - VII (Medicinal Chemistry -II)	3	3	0.6	2.4	3
	53	P 3.6.1	Pharmaceutical Chemistry - VII (Medicinal Chemistry -II)	3	3	0.6	2.4	3
	54	T 3.6.2	Pharmaceutics –VII (Biopharmaceutics& Pharmacokinetics)	3	3	0.6	2.4	3
	55	P 3.6.2	Pharmaceutics –VII (Biopharmaceutics& Pharmacokinetics)	3	3	0.6	2.4	3
	56	T 3.6.3	Pharmacology –II	3	3	0.6	2.4	3
	57	P 3.6.3	Pharmacology –II	3	3	0.6	2.4	3
	58	T 3.6.4	Pharmacognosy - V (Chemistry of Natural Products)	3	3	0.6	2.4	3
	59	P 3.6.4	Pharmacognosy - V (Chemistry of Natural Products)	3	3	0.6	2.4	3
	60	T 3.6.5	Pharmaceutical Jurisprudence& Ethics	3	3	0.6	2.4	3
	61	P 3.6.6	Project Report	0	3	0	2.4	2.4
SEM-VII	62	T 4.7.1	Pharmaceutics – VIII (Pharmaceutical Technology - II)	3	3	0.6	2.4	3
	63	P 4.7.1	Pharmaceutics – VIII (Pharmaceutical Technology - II)	3	3	0.6	2.4	3
	64	T 4.7.2	Pharmaceutical Chemistry-VIII(Medicinal Chemistry – III)	3	3	0.6	2.4	3
	65	P 4.7.2	Pharmaceutical Chemistry-VIII(Medicinal Chemistry – III)	3	3	0.6	2.4	3
	66	T 4.7.3	Pharmacology –III	3	3	0.6	2.4	3
	67	P 4.7.3	Pharmacology –III	3	3	0.6	2.4	3
	68	T 4.7.4	Pharmaceutical Analysis-III	3	3	0.6	2.4	3

	69	P 4.7.4	Pharmaceutical Analysis-III	3	3	0.6	2.4	3
	70	T 4.7.5	Pharmaceutical Biotechnology	3	3	0.6	2.4	3
	71	T 4.7.6	Pharmaceutical Industrial Management	3	3	0.6	2.4	3
SEM-VIII	72	T 4.8.1	Pharmaceutics – IX	3	3	0.6	2.4	3
	73	P 4.8.1	Pharmaceutics – IX	3	3	0.6	2.4	3
	74	T 4.8.2	Pharmaceutical Analysis – IV	3	3	0.6	2.4	3
	75	P 4.8.2	Pharmaceutical Analysis – IV	3	3	0.6	2.4	3
	76	T 4.8.3	Pharmaceutical Chemistry-IX (Medicinal Chemistry- IV)	3	3	0.6	2.4	3
	77	P 4.8.3	Pharmaceutical Chemistry-IX (Medicinal Chemistry- IV)	3	3	0.6	2.4	3
	78	T 4.8.4	Pharmacognosy – VI	3	3	0.6	2.4	3
	79	P 4.8.4	Pharmacognosy – VI	3	3	0.6	2.4	3
	80	T 4.8.5	Pharmacology - IV (Clinical Pharmacy & Drug Interactions)	3	3	0.6	2.4	3
	81	T 4.8.6	Bioavailability and TDM (Elective)	3	3	0.6	2.4	3
82	T 4.7.7	Industrial training report	0	3	0	2.4	2.4	

Table 3.2.1c: Consolidated: University + Internal Marks 2017-18

SEM	Sr.no.	CODE	SUBJECTS	CO ATTAINMENT				
				INT	EXT	20% OF INT	80% OF EXT	Attainment level
SEM-I	1	BP101T	Human Anatomy and Physiology I– Theory	3	0	0.6	0	0.6
	2	BP102T	Pharmaceutical Analysis I– Theory	3	0	0.6	0	0.6
	3	BP103T	Pharmaceutics I– Theory	3	0	0.6	0	0.6
	4	BP104T	Pharmaceutical Inorganic Chemistry– Theory	3	0	0.6	0	0.6
	5	BP105T	Communication skills –Theory	3	0	0.6	0	0.6
	6	BP106T	Remedial Mathematics /Remedial Biology-Theory	3	0	0.6	0	0.6
	7	BP107P	Human Anatomy and Physiology I– Practical	3	3	0.6	2.4	3
	8	BP108P	Pharmaceutical Analysis I– Practical	3	3	0.6	2.4	3

	9	BP109P	Pharmaceutics I– Practical	3	3	0.6	2.4	3
	10	BP110P	Pharmaceutical Inorganic Chemistry– Practical	3	3	0.6	2.4	3
	11	BP111P	Communication skills – Practical	3	3	0.6	2.4	3
SEM-II	12	BP201T	Human Anatomy and Physiology II – Theory	3	0	0.6	0	0.6
	13	BP202T	Pharmaceutical Organic Chemistry I – Theory	3	1	0.6	0.8	1.4
	14	BP203T	Biochemistry – Theory	3	1	0.6	0.8	1.4
	15	BP204T	Pathophysiology – Theory	3	0	0.6	0	0.6
	16	BP205T	Computer Applications in Pharmacy – Theory	3	0	0.6	0	0.6
	17	BP206T	Environmental sciences – Theory	3	0	0.6	0	0.6
	18	BP207P	Human Anatomy and Physiology II –Practical	3	3	0.6	2.4	3
	19	BP208P	Pharmaceutical Organic Chemistry I – Practical	3	3	0.6	2.4	3
	20	BP209P	Biochemistry – Practical	3	3	0.6	2.4	3
	21	BP210P	Computer Applications in Pharmacy – Practical	3	3	0.6	2.4	3
SEM-III	22	T 2.3.1	Pharmaceutics-III (Physical Pharmacy-I)	3	3	0.6	2.4	3
	23	P 2.3.1	Pharmaceutics-III (Physical Pharmacy-I)	3	3	0.6	2.4	3
	24	T 2.3.2	Pharmaceutical Chemistry-IV (Organic Chemistry - II)	3	3	0.6	2.4	3
	25	P 2.3.2	Pharmaceutical Chemistry-IV (Organic Chemistry - II)	3	3	0.6	2.4	3
	26	T 2.3.3	Pharmacognosy –II	3	3	0.6	2.4	3
	27	P 2.3.3	Pharmacognosy –II	3	3	0.6	2.4	3
	28	T 2.3.4	Pharmaceutical Analysis – I	3	3	0.6	2.4	3
	29	P 2.3.4	Pharmaceutical Analysis – I	3	3	0.6	2.4	3
	30	T 2.3.5	Anatomy, Physiology & Health Education (APHE) – II	3	3	0.6	2.4	3
	31	P 2.3.5	Anatomy, Physiology & Health Education (APHE) – II	3	3	0.6	2.4	3
	32	T 2.3.6	Pathophysiology of Common Diseases-I	3	3	0.6	2.4	3
SEM-IV	33	T 2.4.1	Pharmaceutics – IV((Physical Pharmacy-II)	3	3	0.6	2.4	3

	34	P 2.4.1	Pharmaceutics – IV((Physical Pharmacy-II)	3	3	0.6	2.4	3
	35	T 2.4.2	Pharmaceutical Microbiology	3	3	0.6	2.4	3
	36	P 2.4.2	Pharmaceutical Microbiology	3	3	0.6	2.4	3
	37	T 2.4.3	Pharmacognosy – III	3	1	0.6	0.8	1.4
	38	P 2.4.3	Pharmacognosy – III	3	3	0.6	2.4	3
	39	T 2.4.4	Pharmaceutics –V (Hospital Pharmacy)	3	3	0.6	2.4	3
	40	P 2.4.4	Pharmaceutics –V (Hospital Pharmacy)	3	3	0.6	2.4	3
	41	T 2.4.5	Pharmaceutical Chemistry – V (Biochemistry)	3	3	0.6	2.4	3
	42	P 2.4.5	Pharmaceutical Chemistry – V (Biochemistry)	3	3	0.6	2.4	3
	43	T 2.4.6	Pathophysiology of Common Diseases-II	3	3	0.6	2.4	3
SEM-V	44	T 3.5.1	Pharmaceutical Chemistry – VI (Medicinal Chemistry	3	3	0.6	2.4	3
	45	P 3.5.1	Pharmaceutical Chemistry – VI (Medicinal Chemistry	3	3	0.6	2.4	3
	46	T 3.5.2	Pharmaceutics – VI (Pharmaceutical Technology I)	3	3	0.6	2.4	3
	47	P 3.5.2	Pharmaceutics – VI (Pharmaceutical Technology I)	3	3	0.6	2.4	3
	48	T 3.5.3	Pharmacology – I	3	3	0.6	2.4	3
	49	P 3.5.3	Pharmacology – I	3	3	0.6	2.4	3
	50	T 3.5.4	Pharmacognosy –IV	3	3	0.6	2.4	3
	51	P 3.5.4	Pharmacognosy –IV	3	3	0.6	2.4	3
	52	T 3.5.5	Pharmaceutical Analysis-II	3	3	0.6	2.4	3
	53	P 3.5.5	Pharmaceutical Analysis-II	3	3	0.6	2.4	3
SEM-VI	54	T 3.6.1	Pharmaceutical Chemistry - VII (Medicinal Chemistry -II)	3	0	0.6	0	0.6
	55	P 3.6.1	Pharmaceutical Chemistry - VII (Medicinal Chemistry -II)	3	3	0.6	2.4	3
	56	T 3.6.2	Pharmaceutics –VII (Biopharmaceutics&P'kinetics)	3	3	0.6	2.4	3
	57	P 3.6.2	Pharmaceutics –VII (Biopharmaceutics&P'kinetics)	3	3	0.6	2.4	3
	58	T 3.6.3	Pharmacology –II	3	3	0.6	2.4	3
	59	P 3.6.3	Pharmacology –II	3	3	0.6	2.4	3

	60	T 3.6.4	Pharmacognosy - V (Chemistry of Natural Products)	3	3	0.6	2.4	3
	61	P 3.6.4	Pharmacognosy - V (Chemistry of Natural Products)	3	3	0.6	2.4	3
	62	T 3.6.5	Pharmaceutical Jurisprudence& Ethics	3	3	0.6	2.4	3
	63	P 3.6.6	Project Report	0	3	0	2.4	2.4
SEM- VII	64	T 4.7.1	Pharmaceutics – VIII (Pharmaceutical Technology - II)	3	3	0.6	2.4	3
	65	P 4.7.1	Pharmaceutics – VIII (Pharmaceutical Technology - II)	3	3	0.6	2.4	3
	66	T 4.7.2	Pharmaceutical Chemistry- VIII(Medicinal Chemistry – III)	3	3	0.6	2.4	3
	67	P 4.7.2	Pharmaceutical Chemistry- VIII(Medicinal Chemistry – III)	3	3	0.6	2.4	3
	68	T 4.7.3	Pharmacology –III	3	3	0.6	2.4	3
	69	P 4.7.3	Pharmacology –III	3	3	0.6	2.4	3
	70	T 4.7.4	Pharmaceutical Analysis-III	3	3	0.6	2.4	3
	71	P 4.7.4	Pharmaceutical Analysis-III	3	3	0.6	2.4	3
	72	T 4.7.5	Pharmaceutical Biotechnology	3	3	0.6	2.4	3
	73	T 4.7.6	Pharmaceutical Industrial Management	3	3	0.6	2.4	3
SEM- VIII	74	T 4.8.1	Pharmaceutics – IX	3	3	0.6	2.4	3
	75	P 4.8.1	Pharmaceutics – IX	3	3	0.6	2.4	3
	76	T 4.8.2	Pharmaceutical Analysis – IV	3	3	0.6	2.4	3
	77	P 4.8.2	Pharmaceutical Analysis – IV	3	3	0.6	2.4	3
	78	T 4.8.3	Pharmaceutical Chemistry-IX (Medicinal Chemistry- IV)	3	3	0.6	2.4	3
	79	P 4.8.3	Pharmaceutical Chemistry-IX (Medicinal Chemistry- IV)	3	3	0.6	2.4	3
	80	T 4.8.4	Pharmacognosy – VI	3	3	0.6	2.4	3
	81	P 4.8.4	Pharmacognosy – VI	3	3	0.6	2.4	3
	82	T 4.8.5	Pharmacology - IV (Clinical Pharmacy & Drug	3	3	0.6	2.4	3

		Interactions)						
83	T 4.8.6	Bioavailability and TDM (Elective)	3	3	0.6	2.4	3	
84	T 4.7.7	Industrial training report	0	3	0	2.4	2.4	

3.3. Attainment of Program Outcomes (40)

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

(Describe the assessment tools and processes used to gather the data upon which the evaluation of each the program Outcome is based indicating the frequency with which these processes are carried out. Describe the assessment processes that demonstrate the degree to which the program outcomes are attained and document the attainment levels)

Direct Attainment Tools: The various direct assessment tools for assessing the students and the POs attainment level as follows: The POs are assessed by the performance of students in the internal exams & university exam as per curriculum of PCI & CGPA pattern.

Sessional Examination: This type of performance assessment is carried out during the examination sessions which are held one/twice in a semester as per curriculum. The syllabus of the exam conducted covers around 90% of the total course content. Sessional Examination is carried out before semester examination. Each and every Sessional is focused in attaining the course outcomes.

University Semester Examination: Semester End examination is a metric for assessing whether all the POs are attained or not. The syllabus of the exam conducted covers around 100 % of the total course content. Major Weightage of marks is given to this component. University Semester Examination is conducted at the end of semester.

Projects: Projects for Third year & Industrial training for Final year are given to students and evaluated.

Practical Courses: In these courses, continues evaluation is done through laboratory performance and record, attendance and viva-voce.

All the theory and practical courses are directly related to one or more than one POs.

Performance in various courses reflects the extent of achievement of POs.

Generalized mapping of direct assessment methods to the program outcomes

Assessing Tool	Aim	Frequency	Program Outcome
Sessional Examination	Assessing the understanding of fundamental concepts and expression of the knowledge gained	As per curriculum	All POs.
Group Discussion	Assessing the understanding of fundamental concepts and expression of the knowledge gained	As per curriculum	PO1, PO2, PO3, PO6, PO7, PO9, PO10 and PO11
Class test	Assessing the understanding of fundamental concepts and expression of the knowledge gained	One Per Semester per course at the Institute Level	PO1, PO2, PO3, PO6, PO7, PO9, PO10 and PO11
Assignment	Assessing the understanding of fundamental concepts and expression of the knowledge gained	One Per Semester per course at the Institute Level	PO1, PO2, PO3, PO6, PO7, PO9, PO10 and PO11
Term End Examination	To assess the impact of the lecture in relation to knowledge, problem solving ability, communication skill and pharmacy practice.	One Per Semester per course at the University Level	PO1, PO2, PO3, PO6, PO7, PO9, PO10 and PO11
Industrial Training	To assess the observation skill and ability to relate class room studies to the industrial scenario	Once during the program	All POs.
Students Project	To assess the application of Pharmacy knowledge gathered to analyze a problem and the make a plan to solve the same. It also helps in assessing the development in leadership and communication skills	At the end of Third Year B Pharm	All POs.

Indirect Assessment Tools: Following surveys is considered to indirectly assess the POs.

Generalized mapping of Indirect assessment methods to the program outcomes

Assessing Tool	Aim	Frequency	Program Outcome
Graduate/Exit Survey	To assess the contribution of the Program in the overall development of the graduates	After graduation of students	All POs
Alumni Survey	To assess the effectiveness of program for the career development of the graduates	Every year during Alumni meet	PO1 & PO11
Faculty Survey	To assess the contribution of the Program in the overall development	After graduation of students	All POs

	of the graduates		
Professional Society Activity	To assess the inculcation of professional identity, ethics and a sense of responsibility toward the society by large	After the conduction of health campaigns	PO6, PO7, PO9 & PO11
Co-curricular Activities	It assesses the relevance of these activities in using pharmacy knowledge in promoting problem analysis, planning abilities and a life long interest in the area. It also helps in assessing the improvement in operating modern computer tools and software as well as their leadership and communication skills	After every cocurricular activity	PO2, PO3 & PO11
Extra-Curricular Activities	To assess the overall development in the personality of the students	After Extracurricular activity	PO2 & PO9
Guest Lecture	To assess the impact of the lecture in relation to knowledge, problem solving ability, communication skill and pharmacy practice.	After guest lecture	PO1, PO3, PO6 & PO 9
Industrial Visit	To assess the observation skill and ability to relate class room studies to industrial scenario	Once during the program	PO1, PO6, PO7, PO9 & PO10
Employer Survey	To assess the observation skill and ability to relate class room studies to industrial scenario	Once in year	All POs

3.3.2. Provide results of evaluation of each PO

Program shall set Program Outcome attainment levels for all POs.

(The attainment levels by direct (Student performance) and Indirect (Surveys) are to be presented through Program level Course-PO matrix as indicated)

PO Attainment 2015-16

SEM	CODE	PO Attainment											
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	
SEM-I	1 T 1.1.1	3.0	2.8	1.8	1.3	1.0	0.8	1.0	1.5	0.6	1.0	2.6	
	2 P 1.1.1	3.0	1.5	1.3	0.8	1.6	0.8	1.1	1.3	1.0	1.0	2.8	
	3 T 1.1.2	0.6	0.5	0.6	0.4	0.2	0.6	0.6	0.2	0.6	0.6	0.6	
	4 P 1.1.2	3.0	2.8	3.0	2.0	1.0	3.0	3.0	1.0	3.0	2.8	3.0	
	5 T 1.1.3	3.0	2.2	2.2	0.0	0.5	2.2	0.8	1.3	2.3	1.0	3.0	
	6 P 1.1.3	3.0	3.0	3.0	0.0	3.0	2.7	2.0	2.0	2.3	1.0	3.0	

	7	T 1.1.4	1.0	2.1	2.1	1.8	0.0	0.0	0.0	0.5	0.0	0.0	3.0
	8	P 1.1.4	1.0	2.1	2.1	1.8	0.0	0.0	0.0	0.5	3.0	0.0	3.0
	9	T 1.1.5	0.3	1.5	0.6	1.8	1.5	1.0	1.0	2.8	1.1	1.1	2.6
SEM-II	10	T 1.2.1	3.0	2.3	1.5	2.3	1.0	1.1	1.0	1.0	1.5	0.8	2.3
	11	P 1.2.1	3.0	1.8	2.0	1.6	1.6	0.8	1.1	1.1	1.8	0.8	2.6
	12	T 1.2.2	3.0	2.2	2.2	0.0	0.5	2.2	0.8	1.3	2.3	1.0	3.0
	13	P 1.2.2	3.0	3.0	3.0	0.0	3.0	2.7	2.0	2.0	2.3	1.0	3.0
	14	T 1.2.3	3.0	1.7	1.7	0.0	0.0	3.0	0.0	1.2	2.8	1.8	3.0
	15	P 1.2.3	3.0	3.0	3.0	0.0	3.0	3.0	2.0	3.0	1.0	2.0	3.0
	16	T 1.2.4	3.0	3.2	1.2	2.8	2.6	2.0	5.0	2.8	2.4	2.4	3.0
	17	P 1.2.4	3.0	2.6	2.6	2.6	2.5	0.8	0.8	2.6	2.4	1.2	2.6
	18	T 1.2.5	1.5	1.6	1.5	1.5	1.3	1.0	1.0	1.3	1.0	1.0	3.0
	19	5555	0.0	2.1	2.8	0.0	0.5	0.0	0.0	0.0	0.0	0.0	2.3
SEM-III	20	T 2.3.1	3.0	1.8	2.5	2.2	0.0	0.0	0.0	1.0	2.8	2.2	3.0
	21	P 2.3.1	3.0	3.0	3.0	2.2	0.0	2.2	1.6	2.4	1.8	2.6	3.0
	22	T 2.3.2	3.0	2.0	1.5	0.0	0.0	2.0	0.0	0.0	0.7	1.5	3.0
	23	P 2.3.2	3.0	2.8	2.8	0.0	2.8	2.0	1.5	0.0	1.0	0.0	3.0
	24	T 2.3.3	3.0	1.4	2.0	2.0	1.0	2.0	2.0	1.0	2.2	2.8	3.0
	25	P 2.3.3	3.0	1.6	2.8	1.8	1.0	1.8	1.8	1.0	2.4	2.2	3.0
	26	T 2.3.4	3.0	3.0	1.4	1.6	1.0	1.0	1.0	1.0	1.0	1.0	3.0
	27	P 2.3.4	3.0	3.0	1.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0
	28	T 2.3.5	3.0	1.0	2.0	1.2	1.0	2.0	1.0	3.0	2.0	2.0	3.0
	29	P 2.3.5	3.0	2.0	1.5	2.1	1.8	2.8	2.5	3.0	2.5	3.0	3.0
	30	T 2.3.6	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0
SEM-IV	31	T 2.4.1	3.0	1.6	2.0	2.8	0.0	1.8	0.6	1.8	1.8	1.1	3.0
	32	P 2.4.1	3.0	3.0	3.0	2.2	0.0	2.2	1.6	2.4	1.8	2.6	3.0
	33	T 2.4.2	3.0	1.8	1.6	2.2	0.0	0.0	2.0	1.2	2.2	1.8	3.0
	34	P 2.4.2	3.0	2.3	1.5	2.5	0.0	0.0	1.8	1.3	1.8	1.3	3.0
	35	T 2.4.3	3.0	1.4	2.0	2.0	1.0	2.0	2.0	1.0	2.2	2.8	3.0
	36	P 2.4.3	3.0	1.6	2.8	1.8	1.0	1.8	1.8	1.0	2.4	2.2	3.0
	37	T 2.4.4	3.0	3.0	3.0	0.0	0.8	2.7	1.3	2.3	2.5	1.8	3.0

	38	P 2.4.4	3.0	3.0	3.0	0.0	1.0	3.0	2.0	3.0	3.0	2.0	3.0
	39	T 2.4.5	3.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	3.0
	40	P 2.4.5	3.0	3.0	3.0	1.0	2.0	2.0	2.0	1.0	3.0	1.0	3.0
	41	T 2.4.6	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0
SEM-V	42	T 3.5.1	3.0	2.1	1.5	1.8	1.5	3.0	2.0	1.0	3.0	2.1	2.3
	43	P 3.5.1	3.0	3.0	2.0	3.0	2.0	2.0	2.0	3.0	2.0	3.0	3.0
	44	T 3.5.2	3.0	3.0	3.0	3.0	0.7	3.0	1.2	0.7	1.0	2.0	3.0
	45	P 3.5.2	3.0	3.0	3.0	1.0	2.0	2.0	1.0	2.0	1.0	2.0	3.0
	46	T 3.5.3	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0
	47	P 3.5.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	48	T 3.5.4	3.0	2.7	2.7	2.7	2.3	1.7	1.8	1.8	1.7	2.3	2.8
	49	P 3.5.4	3.0	2.8	2.8	2.8	2.6	1.6	2.0	2.8	2.4	2.4	2.8
	50	T 3.5.5	3.0	3.0	3.0	2.5	1.0	1.5	1.6	1.0	1.0	1.0	3.0
	51	P 3.5.5	3.0	3.0	3.0	1.0	1.0	2.0	2.0	1.0	3.0	1.0	3.0
SEM-VI	52	T 3.6.1	3.0	2.1	1.2	1.8	1.3	3.0	2.0	0.5	3.0	2.1	2.3
	53	P 3.6.1	3.0	3.0	2.0	3.0	2.0	2.0	2.0	3.0	2.0	3.0	3.0
	54	T 3.6.2	3.0	3.0	3.0	1.0	0.2	3.0	2.3	0.3	3.0	3.0	3.0
	55	P 3.6.2	3.0	3.0	3.0	1.0	2.0	2.0	3.0	1.0	3.0	3.0	3.0
	56	T 3.6.3	3.0	1.3	2.5	2.3	2.3	2.0	1.5	2.5	2.1	2.0	2.7
	57	P 3.6.3	3.0	2.7	2.5	1.3	2.5	2.3	3.0	2.0	2.7	2.0	2.3
	58	T 3.6.4	3.0	1.3	2.5	2.3	2.3	2.0	1.5	2.5	2.1	2.0	2.7
	59	P 3.6.4	3.0	2.3	2.3	3.0	2.7	1.7	2.0	3.0	2.3	2.3	3.0
	60	T 3.6.5	3.0	2.7	2.5	1.3	2.5	1.8	3.0	2.0	2.7	2.0	2.3
	61	P 3.6.6	0.8	0.3	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.5	0.8
SEM-VII	62	T 4.7.1	3.0	2.8	1.6	1.0	1.0	0.8	0.5	0.8	1.1	1.5	1.8
	63	P 4.7.1	3.0	2.1	1.0	1.3	0.8	0.8	1.0	0.3	1.5	0.5	1.6
	64	T 4.7.2	3.0	0.5	2.8	1.0	0.5	3.0	0.5	0.5	2.7	0.5	2.5
	65	P 4.7.2	2.5	0.5	1.5	1.5	0.5	3.0	0.5	0.5	2.7	0.5	2.5
	66	T 4.7.3	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0
	67	P 4.7.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	68	T 4.7.4	3.0	3.0	3.0	3.0	1.0	3.0	1.0	1.0	3.0	2.8	3.0

	69	P 4.7.4	3.0	3.0	3.0	3.0	1.0	3.0	1.0	1.0	3.0	3.0	3.0
	70	T 4.7.5	3.0	2.2	1.8	2.2	2.0	2.0	2.0	2.5	2.3	2.3	2.3
	71	T 4.7.6	3.0	2.5	2.8	2.5	2.2	3.0	2.2	2.0	2.8	3.0	3.0
SEM-VIII	72	T 4.8.1	2.6	2.5	1.6	0.8	1.0	0.7	1.3	0.7	1.1	0.8	2.1
	73	P 4.8.1	2.8	2.3	1.6	0.8	1.1	1.0	0.8	1.0	1.1	1.1	2.0
	74	T 4.8.2	3.0	3.0	2.0	3.0	1.0	3.0	2.0	0.5	3.0	2.0	2.0
	75	P 4.8.2	3.0	3.0	3.0	3.0	1.0	3.0	1.0	1.0	3.0	3.0	3.0
	76	T 4.8.3	3.0	0.5	2.8	0.5	0.5	3.0	0.5	0.5	2.7	0.5	2.5
	77	P 4.8.3	2.5	0.5	1.5	1.5	0.5	3.0	0.5	0.5	2.7	0.5	2.5
	78	T 4.8.4	3.0	2.7	2.7	2.7	2.3	1.7	1.8	1.8	1.7	2.3	2.8
	79	P 4.8.4	3.0	3.0	3.0	2.0	1.0	2.0	1.0	2.0	2.0	2.0	3.0
	80	T 4.8.5	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0
	81	T 4.8.6	3.0	2.2	1.8	2.2	2.0	2.0	2.0	3.0	2.3	2.3	2.3
	82	T 4.7.7	1.3	0.5	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.5	1.1
Direct attainment (3 Max)			2.8	2.3	2.2	1.7	1.3	1.9	1.5	1.5	2.0	1.8	2.7
Direct attainment (80%)			2.24	1.84	1.76	1.36	1.04	1.52	1.2	1.2	1.6	1.44	2.16
In direct attainment (20%)			0.57	0.45	0.43	0.41	0.45	0.46	0.44	0.45	0.44	0.45	0.47
Total attainment %			2.81	2.29	2.19	1.77	1.49	1.98	1.64	1.65	2.04	1.89	2.63

PO Attainment 2016-17

SEM		CODE	PO Attainment										
			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
SEM-I	1	T 1.1.1	3.0	2.8	1.8	1.3	1.0	0.8	1.0	1.5	0.6	1.0	2.6
	2	P 1.1.1	3.0	1.5	1.3	0.8	1.6	0.8	1.1	1.3	1.0	1.0	2.8
	3	T 1.1.2	2.2	2.0	2.1	1.3	0.7	2.1	2.2	0.7	2.2	2.2	2.2
	4	P 1.1.2	3.0	2.8	3.0	2.0	1.0	3.0	3.0	1.0	3.0	2.8	3.0
	5	T 1.1.3	2.2	1.6	1.6	0.0	0.4	1.6	0.6	1.0	1.7	0.7	2.2
	6	P 1.1.3	3.0	3.0	3.0	0.0	3.0	2.7	2.0	2.0	2.3	1.0	3.0
	7	T 1.1.4	0.2	0.4	0.4	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.6
	8	P 1.1.4	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
	9	T 1.1.5	0.3	1.4	0.6	1.7	1.4	0.9	0.9	2.6	1.0	1.0	2.4

SEM-II	10	T 1.2.1	3.0	2.3	1.5	2.3	1.0	1.1	1.0	1.0	1.5	0.8	2.3
	11	P 1.2.1	3.0	1.8	2.0	1.6	1.6	0.8	1.1	1.1	1.8	0.8	2.6
	12	T 1.2.2	0.6	0.4	0.4	0.0	0.1	0.4	0.2	0.3	0.5	0.2	0.6
	13	P 1.2.2	3.0	3.0	3.0	0.0	3.0	2.7	2.0	2.0	2.3	1.0	3.0
	14	T 1.2.3	0.6	0.3	0.3	0.0	0.0	0.6	0.0	0.2	0.6	0.4	0.6
	15	P 1.2.3	3.0	3.0	3.0	0.0	3.0	3.0	2.0	3.0	1.0	2.0	3.0
	16	T 1.2.4	3.0	3.2	1.2	2.8	2.6	2.0	5.0	2.8	2.4	2.4	3.0
	17	P 1.2.4	3.0	2.6	2.6	2.6	2.5	0.8	0.8	2.6	2.4	1.2	2.6
	18	T 1.2.5	1.5	1.6	1.5	1.5	1.3	1.0	1.0	1.3	1.0	1.0	3.0
	19	5555	0.0	2.1	2.8	0.0	0.5	0.0	0.0	0.0	0.0	0.0	2.3
SEM-III	20	T 2.3.1	3.0	1.8	2.5	2.2	0.0	0.0	0.0	1.0	2.8	2.2	3.0
	21	P 2.3.1	3.0	3.0	3.0	2.2	0.0	2.2	1.6	2.4	1.8	2.6	3.0
	22	T 2.3.2	3.0	2.0	1.5	0.0	0.0	2.0	0.0	0.0	0.7	1.5	3.0
	23	P 2.3.2	3.0	2.8	2.8	0.0	2.8	2.0	1.5	0.0	1.0	0.0	3.0
	24	T 2.3.3	3.0	1.4	2.0	2.0	1.0	2.0	2.0	1.0	2.2	2.8	3.0
	25	P 2.3.3	3.0	1.6	2.8	1.8	1.0	1.8	1.8	1.0	2.4	2.2	3.0
	26	T 2.3.4	0.6	0.6	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.6
	27	P 2.3.4	3.0	3.0	1.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0
	28	T 2.3.5	3.0	1.0	2.0	1.2	1.0	2.0	1.0	3.0	2.0	2.0	3.0
	29	P 2.3.5	3.0	2.0	1.5	2.1	1.8	2.8	2.5	3.0	2.5	3.0	3.0
	30	T 2.3.6	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0
SEM-IV	31	T 2.4.1	3.0	1.6	2.0	2.8	0.0	1.8	0.6	1.8	1.8	1.1	3.0
	32	P 2.4.1	3.0	3.0	3.0	2.2	0.0	2.2	1.6	2.4	1.8	2.6	3.0
	33	T 2.4.2	3.0	1.8	1.6	2.2	0.0	0.0	2.0	1.2	2.2	1.8	3.0
	34	P 2.4.2	3.0	2.3	1.5	2.5	0.0	0.0	1.8	1.3	1.8	1.3	3.0
	35	T 2.4.3	2.2	1.0	1.5	1.5	0.7	1.5	1.5	0.7	1.6	2.1	2.2
	36	P 2.4.3	3.0	1.6	2.8	1.8	1.0	1.8	1.8	1.0	2.4	2.2	3.0
	37	T 2.4.4	3.0	3.0	3.0	0.0	0.8	2.7	1.3	2.3	2.5	1.8	3.0
	38	P 2.4.4	3.0	3.0	3.0	0.0	1.0	3.0	2.0	3.0	3.0	2.0	3.0
	39	T 2.4.5	3.0	2.0	3.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	3.0
	40	P 2.4.5	3.0	3.0	3.0	1.0	2.0	2.0	2.0	1.0	3.0	1.0	3.0

	41	T 2.4.6	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0
SEM-V	42	T 3.5.1	3.0	2.1	1.5	1.8	1.5	3.0	2.0	1.0	3.0	2.1	2.3
	43	P 3.5.1	3.0	3.0	2.0	3.0	2.0	2.0	2.0	3.0	2.0	3.0	3.0
	44	T 3.5.2	3.0	3.0	3.0	3.0	0.7	3.0	1.2	0.7	1.0	2.0	3.0
	45	P 3.5.2	3.0	3.0	3.0	1.0	2.0	2.0	1.0	2.0	1.0	2.0	3.0
	46	T 3.5.3	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0
	47	P 3.5.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	48	T 3.5.4	3.0	2.7	2.7	2.7	2.3	1.7	1.8	1.8	1.7	2.3	2.8
	49	P 3.5.4	3.0	2.8	2.8	2.8	2.6	1.6	2.0	2.8	2.4	2.4	2.8
	50	T 3.5.5	3.0	3.0	3.0	2.5	1.0	1.5	1.6	1.0	1.0	1.0	3.0
	51	P 3.5.5	3.0	3.0	3.0	1.0	1.0	2.0	2.0	1.0	3.0	1.0	3.0
SEM-VI	52	T 3.6.1	3.0	2.1	1.2	1.8	1.3	3.0	2.0	0.5	3.0	2.1	2.3
	53	P 3.6.1	3.0	3.0	2.0	3.0	2.0	2.0	2.0	3.0	2.0	3.0	3.0
	54	T 3.6.2	3.0	3.0	3.0	1.0	0.2	3.0	2.3	0.3	3.0	3.0	3.0
	55	P 3.6.2	3.0	3.0	3.0	1.0	2.0	2.0	3.0	1.0	3.0	3.0	3.0
	56	T 3.6.3	3.0	1.3	2.5	2.3	2.3	2.0	1.5	2.5	2.1	2.0	2.7
	57	P 3.6.3	3.0	2.7	2.5	1.3	2.5	2.3	3.0	2.0	2.7	2.0	2.3
	58	T 3.6.4	3.0	1.3	2.5	2.3	2.3	2.0	1.5	2.5	2.1	2.0	2.7
	59	P 3.6.4	3.0	2.3	2.3	3.0	2.7	1.7	2.0	3.0	2.3	2.3	3.0
	60	T 3.6.5	3.0	2.7	2.5	1.3	2.5	1.8	3.0	2.0	2.7	2.0	2.3
	61	P 3.6.6	0.8	0.3	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.5	0.8
SEM-VII	62	T 4.7.1	3.0	2.8	1.6	1.0	1.0	0.8	0.5	0.8	1.1	1.5	1.8
	63	P 4.7.1	3.0	2.1	1.0	1.3	0.8	0.8	1.0	0.3	1.5	0.5	1.6
	64	T 4.7.2	3.0	0.5	2.8	1.0	0.5	3.0	0.5	0.5	2.7	0.5	2.5
	65	P 4.7.2	2.5	0.5	1.5	1.5	0.5	3.0	0.5	0.5	2.7	0.5	2.5
	66	T 4.7.3	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0
	67	P 4.7.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	68	T 4.7.4	3.0	3.0	3.0	3.0	1.0	3.0	1.0	1.0	3.0	2.8	3.0
	69	P 4.7.4	3.0	3.0	3.0	3.0	1.0	3.0	1.0	1.0	3.0	3.0	3.0
	70	T 4.7.5	3.0	2.2	1.8	2.2	2.0	2.0	2.0	2.5	2.3	2.3	2.3
	71	T 4.7.6	3.0	2.5	2.8	2.5	2.2	3.0	2.2	2.0	2.8	3.0	3.0

SEM-VIII	72	T 4.8.1	2.6	2.5	1.6	0.8	1.0	0.7	1.3	0.7	1.1	0.8	2.1
	73	P 4.8.1	2.8	2.3	1.6	0.8	1.1	1.0	0.8	1.0	1.1	1.1	2.0
	74	T 4.8.2	3.0	3.0	2.0	3.0	1.0	3.0	2.0	0.5	3.0	2.0	2.0
	75	P 4.8.2	3.0	3.0	3.0	3.0	1.0	3.0	1.0	1.0	3.0	3.0	3.0
	76	T 4.8.3	3.0	0.5	2.8	0.5	0.5	3.0	0.5	0.5	2.7	0.5	2.5
	77	P 4.8.3	2.5	0.5	1.5	1.5	0.5	3.0	0.5	0.5	2.7	0.5	2.5
	78	T 4.8.4	3.0	2.7	2.7	2.7	2.3	1.7	1.8	1.8	1.7	2.3	2.8
	79	P 4.8.4	3.0	3.0	3.0	2.0	1.0	2.0	1.0	2.0	2.0	2.0	3.0
	80	T 4.8.5	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0
	81	T 4.8.6	3.0	2.2	1.8	2.2	2.0	2.0	2.0	3.0	2.3	2.3	2.3
82	T 4.7.7	1.3	0.5	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.5	1.1	
Direct attainment (3 Max)			2.7	2.2	2.2	1.6	1.3	1.9	1.5	1.4	2.0	1.7	2.6
Direct attainment (80%)			2.16	1.76	1.76	1.28	1.04	1.52	1.2	1.12	1.16	1.36	2.08
In direct attainment (20%)			0.58	0.44	0.42	0.46	0.47	0.43	0.46	0.45	0.47	0.44	0.47
Total attainment %			2.74	2.2	2.18	1.74	1.51	1.95	1.66	1.57	1.63	1.8	2.55

PO Attainment 2017-18

SEM	COCODE DE	PO Attainment											
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	
SEM-I	1	BP101T	0.6	0.5	0.5	0.5	0.5	0.2	0.2	0.5	0.5	0.2	0.5
	2	BP102T	0.6	0.6	0.6	0.2	0.3	0.2	0.2	0.3	0.4	0.4	0.6
	3	BP103T	0.5	0.1	0.3	0.3	0.1	0.6	0.1	0.1	0.5	0.1	0.5
	4	BP104T	0.6	0.5	0.5	0.1	0.1	0.6	0.2	0.1	0.5	0.3	0.6
	5	BP105T	0.1	0.4	0.3	0.3	0.5	0.3	0.2	0.6	0.2	0.3	0.5
	6	BP106T	0.1	0.5	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	7	BP107P	3.0	2.6	2.6	2.6	2.5	2.0	0.8	2.6	2.4	1.2	3.0
	8	BP108P	3.0	1.0	1.0	1.0	1.0	1.0	1.3	1.0	1.0	1.0	3.0
	9	BP109P	3.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	3.0
	10	BP110P	3.0	3.0	2.5	0.0	3.0	2.5	1.5	0.5	2.3	1.5	3.0
	11	BP111P	0.3	1.5	0.6	1.8	1.5	1.0	1.0	2.8	1.1	1.1	2.6

SEM-II	12	BP201T	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.6
	13	BP202T	1.4	0.7	1.1	0.0	0.0	0.8	0.3	0.0	0.7	0.4	1.4
	14	BP203T	1.4	1.3	1.4	0.5	0.5	0.9	0.7	0.5	1.1	0.7	1.4
	15	BP204T	0.6	0.6	0.6	0.6	0.4	0.6	0.6	0.4	0.6	0.6	0.6
	16	BP205T	0.3	0.3	0.5	0.6	0.0	0.1	0.0	0.1	0.0	0.0	0.6
	17	BP206T	0.1	0.4	0.5	0.1	0.2	0.2	0.1	0.2	0.1	0.3	0.4
	18	BP207P	3.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	19	BP208P	3.0	3.0	3.0	0.0	3.0	1.6	1.4	1.6	1.6	1.2	3.0
	20	BP209 P	3.0	2.8	3.0	1.0	1.0	2.0	2.0	1.0	2.0	1.0	3.0
	21	BP210 P	1.2	2.0	2.0	3.0	0.8	0.5	0.5	1.0	0.5	0.5	3.0
SEM-III	22	T 2.3.1	3.0	1.8	2.5	2.2	0.0	0.0	0.0	1.0	2.8	2.2	3.0
	23	P 2.3.1	3.0	3.0	3.0	2.2	0.0	2.2	1.6	2.4	1.8	2.6	3.0
	24	T 2.3.2	3.0	2.0	1.5	0.0	0.0	2.0	0.0	0.0	0.7	1.5	3.0
	25	P 2.3.2	3.0	2.8	2.8	0.0	2.8	2.0	1.5	0.0	1.0	0.0	3.0
	26	T 2.3.3	3.0	1.4	2.0	2.0	1.0	2.0	2.0	1.0	2.2	2.8	3.0
	27	P 2.3.3	3.0	1.6	2.8	1.8	1.0	1.8	1.8	1.0	2.4	2.2	3.0
	28	T 2.3.4	3.0	3.0	1.4	1.6	1.0	1.0	1.0	1.0	1.0	1.0	3.0
	29	P 2.3.4	3.0	3.0	1.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	3.0
	30	T 2.3.5	3.0	1.0	2.0	1.2	1.0	2.0	1.0	3.0	2.0	2.0	3.0
	31	P 2.3.5	3.0	2.0	1.5	2.1	1.8	2.8	2.5	3.0	2.5	3.0	3.0
	32	T 2.3.6	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0
SEM-IV	33	T 2.4.1	3.0	1.6	2.0	2.8	0.0	1.8	0.6	1.8	1.8	1.1	3.0
	34	P 2.4.1	3.0	3.0	3.0	2.2	0.0	2.2	1.6	2.4	1.8	2.6	3.0
	35	T 2.4.2	3.0	1.8	1.6	2.2	0.0	0.0	2.0	1.2	2.2	1.8	3.0
	36	P 2.4.2	3.0	2.3	1.5	2.5	0.0	0.0	1.8	1.3	1.8	1.3	3.0
	37	T 2.4.3	1.4	0.7	0.9	0.9	0.5	0.9	0.9	0.5	1.0	1.3	1.4
	38	P 2.4.3	3.0	1.6	2.8	1.8	1.0	1.8	1.8	1.0	2.4	2.2	3.0
	39	T 2.4.4	3.0	3.0	3.0	0.0	0.8	2.7	1.3	2.3	2.5	1.8	3.0
	40	P 2.4.4	3.0	3.0	3.0	0.0	1.0	3.0	2.0	3.0	3.0	2.0	3.0
	41	T 2.4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	42	P 2.4.5	3.0	3.0	3.0	1.0	2.0	2.0	2.0	1.0	3.0	1.0	3.0

	43	T 2.4.6	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0
SEM-V	44	T 3.5.1	3.0	2.1	1.5	1.8	1.5	3.0	2.0	1.0	3.0	2.1	2.3
	45	P 3.5.1	3.0	3.0	2.0	3.0	2.0	2.0	2.0	3.0	2.0	3.0	3.0
	46	T 3.5.2	3.0	3.0	3.0	3.0	0.7	3.0	1.2	0.7	1.0	2.0	3.0
	47	P 3.5.2	3.0	3.0	3.0	1.0	2.0	2.0	1.0	2.0	1.0	2.0	3.0
	48	T 3.5.3	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0
	49	P 3.5.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	50	T 3.5.4	3.0	2.7	2.7	2.7	2.3	1.7	1.8	1.8	1.7	2.3	2.8
	51	P 3.5.4	3.0	2.8	2.8	2.8	2.6	1.6	2.0	2.8	2.4	2.4	2.8
	52	T 3.5.5	3.0	3.0	3.0	2.5	1.0	1.5	1.6	1.0	1.0	1.0	3.0
	53	P 3.5.5	3.0	3.0	3.0	1.0	1.0	2.0	2.0	1.0	3.0	1.0	3.0
SEM-VI	54	T 3.6.1	0.6	0.4	0.2	0.4	0.3	0.6	0.4	0.1	0.6	0.4	0.5
	55	P 3.6.1	3.0	3.0	2.0	3.0	2.0	2.0	2.0	3.0	2.0	3.0	3.0
	56	T 3.6.2	3.0	3.0	3.0	1.0	0.2	3.0	2.3	0.3	3.0	3.0	3.0
	57	P 3.6.2	3.0	3.0	3.0	1.0	2.0	2.0	3.0	1.0	3.0	3.0	3.0
	58	T 3.6.3	3.0	1.3	2.5	2.3	2.3	2.0	1.5	2.5	2.1	2.0	2.7
	59	P 3.6.3	3.0	2.7	2.5	1.3	2.5	2.3	3.0	2.0	2.7	2.0	2.3
	60	T 3.6.4	3.0	1.3	2.5	2.3	2.3	2.0	1.5	2.5	2.1	2.0	2.7
	61	P 3.6.4	3.0	2.3	2.3	3.0	2.7	1.7	2.0	3.0	2.3	2.3	3.0
	62	T 3.6.5	3.0	2.7	2.5	1.3	2.5	1.8	3.0	2.0	2.7	2.0	2.3
	63	P 3.6.6	0.8	0.3	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.5	0.8
SEM-VII	64	T 4.7.1	3.0	2.8	1.6	1.0	1.0	0.8	0.5	0.8	1.1	1.5	1.8
	65	P 4.7.1	3.0	2.1	1.0	1.3	0.8	0.8	1.0	0.3	1.5	0.5	1.6
	66	T 4.7.2	2.4	0.4	2.2	0.8	0.4	2.4	0.4	0.4	2.1	0.4	2.0
	67	P 4.7.2	2.5	0.5	1.5	1.5	0.5	3.0	0.5	0.5	2.7	0.5	2.5
	68	T 4.7.3	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0
	69	P 4.7.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	70	T 4.7.4	3.0	3.0	3.0	3.0	1.0	3.0	1.0	1.0	3.0	2.8	3.0
	71	P 4.7.4	3.0	3.0	3.0	3.0	1.0	3.0	1.0	1.0	3.0	3.0	3.0
	72	T 4.7.5	3.0	2.2	1.8	2.2	2.0	2.0	2.0	2.5	2.3	2.3	2.3
	73	T 4.7.6	2.6	2.2	2.5	2.2	1.9	2.6	1.9	1.7	2.5	2.6	2.6

SEM-VIII	74	T 4.8.1	2.6	2.5	1.6	0.8	1.0	0.7	1.3	0.7	1.1	0.8	2.1
	75	P 4.8.1	2.8	2.3	1.6	0.8	1.1	1.0	0.8	1.0	1.1	1.1	2.0
	76	T 4.8.2	3.0	3.0	2.0	3.0	1.0	3.0	2.0	0.5	3.0	2.0	2.0
	77	P 4.8.2	3.0	3.0	3.0	3.0	1.0	3.0	1.0	1.0	3.0	3.0	3.0
	78	T 4.8.3	3.0	0.5	2.8	0.5	0.5	3.0	0.5	0.5	2.7	0.5	2.5
	79	P 4.8.3	2.5	0.5	1.5	1.5	0.5	3.0	0.5	0.5	2.7	0.5	2.5
	80	T 4.8.4	3.0	2.7	2.7	2.7	2.3	1.7	1.8	1.8	1.7	2.3	2.8
	81	P 4.8.4	3.0	3.0	3.0	2.0	1.0	2.0	1.0	2.0	2.0	2.0	3.0
	82	T 4.8.5	3.0	3.0	3.0	3.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0
	83	T 4.8.6	3.0	2.2	1.8	2.2	2.0	2.0	2.0	3.0	2.3	2.3	2.3
	84	T 4.7.7	1.3	0.5	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.5	1.1
Direct attainment (3 Max)			2.5	2.0	2.0	1.6	1.2	1.7	1.4	1.3	1.8	1.6	2.4
Direct attainment (80%)			2.0	1.6	1.6	1.28	0.96	1.36	1.12	1.04	1.44	1.28	1.92
In direct attainment (20%)			0.57	0.47	0.48	0.46	0.48	0.48	0.48	0.46	0.49	0.48	0.47
Total attainment %			2.57	2.07	2.07	1.74	1.44	1.84	1.6	1.5	1.93	1.76	2.39

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

Item	2018-19 (CAY)	2017-18 (CAYm1)	2016-17 (CAYm2)	2015-16 (CAYm3)
Sanctioned intake of the program (N)	60	60	60	60
Total number of students admitted in first year (N1)	60	51	57	58
Number of students admitted in 2 nd year in the same batch via lateral entry (N2)	--	15	09	08
Total number of students admitted in the Program (N1 +N2)	60	66	66	66
% Students enrolled	100%	100%	100%	100%

4.1. Enrolment Ratio (20)

Enrolment Ratio= $N1/N=0.96$

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

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

Year of entry	Number of students admitted in 1st year + admitted via lateral entry in 2nd year (N1 + N2)	Number of students who have successfully 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
2018-19 (CAY)	60				
2017-18 (CAYm1)	66	09			
2016-17 (CAYm2)	66	20	16		
2015-16 (CAYm3)	66	16	17	16	
2014-15 CAYm4 (LYG)	66	19	19	18	17
2013-14 CAYm5 (LYGm1)	54	09	18	18	18
2012-13 CAYm6 (LYGm2)	64	00	00	00	00
2011-12 CAYm7 (LYGm3)	66	23	23	23	21

Year of entry	Number of students admitted in 1st year + admitted via lateral entry in 2nd 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
2018-19 (CAY)	60				
2017-18 (CAYm1)	66	42			
2016-17 (CAYm2)	66	23	27		
2015-16 (CAYm3)	66	35	42	40	
2014-15 CAYm4 (LYG)	66	29	38	37	32
2013-14 AYm5 (LYGm1)	54	21	25	25	25
2012-13 CAYm6 (LYGm2)	64	43	46	46	41
2011-12 CAYm7 (LYGm3)	66	13	20	20	22

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

$SI = \frac{\text{Number of students who graduated from the program without backlog}}{\{(\text{Number of students admitted in the first year of that batch}) + (\text{lateral entry students admitted in second year of study})\}}$

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	2017-18 Latest Year of Graduation(LYG)	2016-17 Latest Year of Graduation minus 1 (LYGm1)	2015-16 Latest Year of Graduation minus 2 (LYGm2)
Number of students admitted in the corresponding First Year+ admitted in 2 nd year via lateral entry	66	54	64
Number of students who have graduated without backlogs in the stipulated period	17	18	00
Success Index (SI)	$17/66=0.26$	$18/54=0.33$	00
Average SI	$(0.26+0.33+00)/3 = 0.20$		
Success rate	$0.20 \times 30 = 6$		

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)

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

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

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

Item	2017-18 LYG	2016-17 LYG _{m1}	2015-16 LYG _{m2}
Number of students admitted in the corresponding First Year+ admitted in 2 nd year via lateral entry	66	54	64
Number of students who have graduated with backlog in the stipulated period	32	25	41
Successindex(SI)	0.48	0.46	0.64
Average SI	(0.48+0.46+0.64)/3=0.53		
Successrate	0.53 X 20 = 10.6		

4.3. Academic Performance in Final Year (10)

Academic Performance = Average API

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	2017-18 (CAY _{m1})	2016-17 (CAY _{m2})	2015-16 (CAY _{m3})
Mean of CGPA or Mean Percentage of all successful students (X)	333.09/49 = 6.41	288.82/43 = 6.72	338.70/51 = 6.64
Total no. of successful students (Y)	49	43	51
Total no. of students appeared in the examination (Z)	56	47	54
API = x* (Y/Z)	49/56 X 6.41 = 5.61	43/47 X 6.72 = 6.15	51/54 X 6.64 = 6.27
Academic Performance =Average API =(AP1 +AP2+ AP3)/3	(5.61+6.15+6.27)/3 = 6.01		

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

Academic Performance	2017-18 (CAYm1)	2016-17 (CAYm2)	2015-16 (CAYm3)
Mean of CGPA or Mean Percentage of all successful students (X)	348/58 =6.01	344.98/55 =6.27	283.16/43 =6.59
Total no. of successful students(Y)	56	55	43
Total no. of students appeared in the examination (Z)	56	56	49
API = x* (Y/Z)	56/56 X 6.01 = 6.01	55/56 X 6.27 = 6.16	43/49 X 6.59 = 5.78
Academic Performance =Average API =(AP1 + AP2+AP3)/3	(6.01+6.16+5.78)/3 = 5.98		

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	2017-18 (CAYm1)	2016-17 (CAYm2)	2015-16 (CAYm3)
Mean of CGPA or Mean Percentage of all successful students (X)	275.20/43 =6.40	357.48/59 =6.06	372.22/57 =6.53
Total no. of successful students (Y)	43	59	57
Total no. of students appeared in the examination (Z)	50	64	58
API = x* (Y/Z)	43/50 X 6.40 = 5.50	59/64 X 6.06 = 5.59	57/58 X 6.53 = 6.42

Academic Performance=Average API=(AP1 +AP2+AP3)/3	(5.50+5.59+6.42)/3 = 5.84
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4.6. Academic Performance in First Year (20)

*Academic Performance=2.0*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	2017-18 (CAYm1)	2016-17 (CAYm2)	2015-16 (CAYm3)
Mean of CGPA or Mean Percentage of all successful students (X)	276.39/51 =5.42	256.98/43 =5.98	309.25/51 =6.06
Total no. of successful students(Y)	51	43	51
Total no. of students appeared in the examination(Z)	54	59	55
API = x* (Y/Z)	51/54 X 5.42 = 5.12	43/59 X 5.98 = 4.36	51/55 X 6.06 = 5.62
Average API =(AP1 +AP2+AP3)/3	(5.12+4.36+5.62)/3 = 5.03		
Academic Performance=2.0 * Average API	2 X 5.03 = 10.06		

4.7. Placement and Higher Studies (40)

Assessment Points= 40 x(x +y)/N

Item	2017-18 LYG	2016-17 LYGm1	2015-16 LYGm2
Total No. of Final Year Students(N)	56	47	54
Number of students placed in Industries/Hospitals/ Government sector through on/off campus recruitment or opted for Entrepreneurship (x)	20	29	20
No. of students admitted to higher studies with valid scores in various qualifying exams(y)	14	15	20
x+y	34	44	40
Placement Index:(x+y)/N	34/56 =0.61	44/47 =0.94	40/54 =0.74

T= Average of(x + y)/N	0.76
Assessment =40 X T	40 X 0.76 = 30.40

4.8. Professional Activities (20)

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

(Provide the relevant details)

Name of the Event	Year 2017-18	Year 2016-17	Year 2015-16
Symposia/ Conference	01	01	01
Guest Lectures	03	02	03

4.8.2. Publication of technical magazines, newsletters, etc. (5)

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

Name of the Event	Year 2017-18	Year 2016-17	Year 2015-16
Publication of technical magazines/newsletters /E-bulletin	01	01	01

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

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

Name of the Event	Year 2017-18	Year 2016-17	Year 2015-16
Inter Institute Participation in Seminars/ Workshops/ Symposia by students	14	12	9

CRITERION 5	Faculty Information and Contributions	175
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(List of Faculty Members: Exclusively for the program/shared with other programs)

Institute is having experienced faculty, majority of teaching faculties are also engaged in teaching and research and are upgraded with current trends in pharmacy. Thus, play key roles in transforming students into professional pharmacist.

CAY- 2018-2019

Sr. No	Name of the Faculty Member	Qualification			Designation / DOJ Institution	Specialization
		Degree (highest degree) & Date	University	Year of Graduation		
1	Dr. Gulam Javed Khan	M. Pharm Ph. D 18/12/2004	University of Mumbai, Mumbai	2004	Principal 02/07/2006	Pharmacology
2	Dr. Khurshid Molvi	M. Pharm Ph. D 23/11/2004	Hemchandar University, Gujarat	2004	Professor 10/05/2010	Pharmaceutical Chemistry
3	Dr. Quazi Majaz Ahamad Aejazuudin	M. Pharm, Ph. D 08/11/2016	North Maharashtra University, Jalgaon	2016	Associate Professor 04/07/2011	Pharmacognosy
4	Dr. Aejaz Ahmed	M. Pharm Ph. D 20/08/2018	North Maharashtra University, Jalgaon	2018	Associate Professor 14/07/2009	Pharmaceutical Chemistry
5	Dr. Shaikh Siraj	M. Pharm Ph. D 16/01/2018	North Maharashtra University, Jalgaon	2018	Associate Professor 02/03/2010	Pharmaceutics
6	Prof. Patel M Siddik	M. Pharm 25/10/2010	Shivaji University, Kolhapur	2010	Associate Professor 28/07/2010	Pharmaceutical Chemistry
7	Prof. Shaikh Imran	M. Pharm 01/03/2008	SGB, Amravati University	2008	Assistant Professor 01/04/2014	Pharmaceutics
8	Prof. Mohammad Hasib	M. Pharm 10/11/2009	MGR, University, Tamil Nadu	2009	Assistant Professor 01/07/2009	Pharmacology
9	Prof. Ashish kumar S. Khairnar	M. Pharm 27/07/2009	Annamalai University, Tamil Nadu	2009	Assistant Professor 21/12/2009	Pharmacology

10	Prof. Pravin V. Gomase	M. Pharm 06/10/2009	RTM, Nagpur University, Nagpur	2009	Assistant Professor28/ 12/2009	Pharmacognosy
11	Prof. Afsar Shaikh	M. Pharm 01/03/2010	JKK Research Foundation, Selum	2010	Assistant Professor01/ 07/2010	Pharmaceutics
12	Prof. Rehan Deshmukh	M. Pharm 11/09/2012	RTM, Nagpur University, Nagpur	2012	Assistant Professor 19/07/2013	Pharmaceutics
13	Prof. Asir Rahman	M. Pharm 22/11/2013	North Maharashtra University, Jalgaon	2013	Assistant Professor 07/07/2015	Quality Assurance
14	Prof. Mahmad Asif Khalifa	M. Pharm 26/03/2014	RGUHS, University, Karnataka	2014	Assistant Professor 23/07/2015	Pharmaceutics
15	Prof. Md. Saqib Mujtaba Ahmed	M. Pharm 01/08/2011	RGUHS, University, Karnataka	2011	Assistant Professor 27/07/2015	Pharmaceutical Chemistry
16	Prof. Rahil Khan	M. Pharm 15/07/2010	SOA University, Bhuvneshwar	2010	Assistant Professor 09/10/2017	Pharmacology
17	Prof. Patel Afroza Akbar Bhai	M. Pharm 08/12/2016	North Maharashtra University, Jalgaon	2016	Assistant Professor 01/01/2017	Pharmaceutics
18	Prof. Ansari Fazlur Rahman	M. Pharm 11/08/2012	Pune, University, Pune	2012	Assistant Professor 17/01/2014	Pharmaceutical Chemistry
19	Prof. Mullani Shafi Ahmad	MCA & MSc 15/09/2017	Solapur University Solapur.	2008	Assistant Professor 01/07/2010	Computer & Maths
20	Prof. Sufiyan Wedachchhiya	M. Pharm 08/12/2016	North Maharashtra University, Jalgaon	2016	Assistant Professor 01/01/2017	Pharmaceutics
21	Prof. Md Shoeb Quazi	M. Pharm 22/11/2013	North Maharashtra University, Jalgaon	2014	Assistant Professor 09/10/2017	Quality Assurance
22	Prof. Khan Sharukh Lal khan	M. Pharm	BAMU Marathwada University Aurangabad	2017	Assistant Professor 01/08/2017	Pharmaceutical Chemistry
23	Prof. Shoor Ahmad	M. Pharm 08/12/2016	North Maharashtra University, Jalgaon	2016	Assistant Professor 16//07/2018	Pharmaceutics

24	Prof. Khan Abuzar	Msc 11/06/2018	North Maharashtra University, Jalgaon	2018	Assistant Professor 16/07/2018	Chemistry
25	Prof. Nawaj Sharif	M. Pharm 15/09/2018	BAMU, Marathwada University, Aurangabad	2017	Assistant Professor 01/01/2019	Pharmaceutical Chemistry
26	Prof. Md. Irfan Md Hasnain	M. Pharm 08/12/2016	North Maharashtra University, Jalgaon	2016	Assistant Professor 08/02/2019	Pharmaceutics
27	Prof. Badgire Ayaz	M. Pharm	North Maharashtra University, Jalgaon	2015	Assistant Professor 08/02/2019	Quality Assurance
28	Prof. Md. Tarique Nisar Ahmad	M.Pharm	Vinayaka Mission University, Salem. (T.N.)	2007	Assistant Professor 09/10/2017	Pharmacognosy

CAY- 2017-2018

Sr. No	Name of the Faculty Member	Qualification			Designation / DOJ Institution	Specialization
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2	Dr. Khurshid Molvi	M. Pharm Ph. D 23/11/2004	Hemchandra University, Gujarat	2004	Professor 10/05/2010	Pharmaceutical Chemistry
3	Dr. Quazi Majaz Ahamad	M. Pharm Ph. D 08/11/2016	North Maharashtra University, Jalgaon	2016	Associate Professor 04/07/2011	Pharmacognosy
4	Dr. Aejaz Ahmed	M. Pharm Ph. D 20/08/2018	North Maharashtra University, Jalgaon	2018	Associate Professor 14/07/2009	Pharmaceutical Chemistry
5	Dr. Shaikh Siraj	M. Pharm Ph. D 16/01/2018	North Maharashtra University, Jalgaon	2018	Associate Professor 02/03/2010	Pharmaceutics
6	Prof. Patel M Siddik	M. Pharm 25/10/2010	Shivaji University, Kolhapur	2010	Associate Professor 28/07/2010	Pharmaceutical Chemistry

7	Prof. Mohammad Hasib Ahmad	M. Pharm 10/11/2009	MGR, University, Tamil Nadu	2009	Assistant Professor 01/07/2009	Pharmacology
8	Prof. Ashish kumar S. Khairnar	M. Pharm 24/07/2009	Annalai University, Tamil Nadu	2009	Assistant Professor 21/12/2009	Pharmacology
9	Prof. Pravin Vasantao Gomase	M. Pharm 06/10/2009	RTM, Nagpur University, Nagpur	2009	Assistant Professor 28/12/2009	Pharmacognosy
10	Prof. Afsar Shaikh	M. Pharm 01/03/2010	JKK Research Foundation, Selum	2010	Assistant Professor 01/07/2010	Pharmaceutics
11	Prof. Tarique Khan	M. Pharm 02/03/2009	MGR, University, Tamil Nadu	2009	Assistant Professor 01/07/2009	Pharmaceutics
12	Prof. Shaikh Imran	M. Pharm 01/03/2008	SGB, Amravati University	2004	Assistant Professor 01/04/2014	Pharmaceutics
13	Prof. Sayyed Mukhim	M. Pharm 11/08/2012	Pune University, Pune	2012	Assistant Professor 02/07/2012	Pharmacology
14	Prof. Deshmukh Mohammad Rehan	M. Pharm 11/09/2012	RTM, Nagpur University, Nagpur	2012	Assistant Professor 19/07/2013	Pharmaceutics
15	Prof. Ansari Fazlur Rahman	M. Pharm 11/08/2012	Pune, University, Pune	2012	Assistant Professor 17/01/2014	Pharmaceutical Chemistry
16	Prof. Asir Rahman Rafique Ahmed	M. Pharm 22/11/2013	North Maharashtra University, Jalgaon	2013	Assistant Professor 07/07/2015	Quality Assurance
17	Prof. Mahmad Asif Khalifa	M. Pharm 26/03/2014	RGUHS, University, Karnataka	2013	Assistant Professor 23/07/2015	Pharmaceutics
18	Prof. Patel Zakaria Adambhai	M. Pharm 22/11/2013	North Maharashtra University, Jalgaon	2013	Assistant Professor 01/02/2016	Pharmaceutics
19	Prof. Mullani Shafi Ahmad	MCA & MSc 15/09/2017	Solapur University Solapur.	2008	Assistant Professor 01/07/2010	Computer & Maths
20	Prof. Shaikh Sohail Said Bhai	M. Pharm 10/12/2014	North Maharashtra University, Jalgaon	2014	Assistant Professor 01/02/2016	Pharmaceutics
21	Prof. Naeemu-rahman Khan	M. Pharm --	Pune University,	2016	Assistant Professor	Pharmaceutical Chemistry

			Pune		01/07/2017	
22	Prof. Hozefa Karodiya	M. Pharm 22/11/2013	North Maharashtra University, Jalgaon	2014	Assistant Professor 01/07/2017	Quality Assurance
23	Prof. Patel Afroza Akbar Bhai	M. Pharm 08/12/2016	North Maharashtra University, Jalgaon	2015	Assistant Professor 01/01/2017	Pharmaceutics
24	Prof. Md. Saqib Mujtaba Ahmed	M. Pharm 01/08/2011	RGUHS, University, Karnataka	2011	Assistant Professor 27/07/2015	Pharmaceutical Chemistry
25	Prof. Sufiyan Wedachchhiya	M. Pharm 08/12/2016	North Maharashtra University, Jalgaon	2016	Assistant Professor 01/01/2017	Pharmaceutics
26	Prof. Khan Sharukh Lal Khan	M. Pharm	BAMU Marathwada University, Aurangabad	2017	Assistant Professor 01/08/2017	Pharmaceutical Chemistry
27	Prof. Rahil Khan	M. Pharm 15/07/2010	SOA University, Bhubneshwar	2010	Assistant Professor 09/10/2017	Pharmacology
28	Prof. Md Shoeb Quazi	M. Pharm 22/11/2013	North Maharashtra University, Jalgaon	2014	Assistant Professor 09/10/2017	Quality Assurance

CAYm1- 2016-2017

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4	Dr. Aejaz Ahmed	M. Pharm Ph. D 20/08/2018	North Maharashtra University,	2018	Associate Professor 14/07/2009	Pharmaceutical Chemistry

			Jalgaon			
5	Dr. Shaikh Siraj	M. Pharm Ph. D 16/01/2016	North Maharashtra University, Jalgaon	2018	Associate Professor 02/03/2010	Pharmaceutics
6	Prof. Patel M Siddik	M. Pharm 25/10/2010	Shivaji University, Kolhapur	2010	Associate Professor 28/07/2010	Pharmaceutical Chemistry
7	Prof. Mohammad Hasib Ahmad	M. Pharm 10/11/2009	MGR, University, Tamil Nadu	2009	Assistant Professor	Pharmacology
8	Prof. Ashishkumar S. Khairnar	M. Pharm 24/07/2009	Annalai University, Tamil Nadu	2009	Assistant Professor 21/12/2009	Pharmacology
9	Prof. Pravin Vasantryao Gomase	M. Pharm 06/10/2009	RTM, Nagpur University, Nagpur	2009	Assistant Professor 28/12/2009	Pharmacognos y
10	Prof. Afsar Shaikh	M. Pharm 01/03/2010	JKK Research Foundation, Selum	2010	Assistant Professor 01/07/2010	Pharmaceutics
11	Prof. Shaikh Imran	M. Pharm 01/03/2008	SGB, Amravati University	2004	Assistant Professor 01/04/2014	Pharmaceutics
12	Prof. Tarique Khan	M. Pharm 02/03/2009	MGR, University, Tamil Nadu	2009	Assistant Professor. 01/07/2009	Pharmaceutics
13	Prof. Sayyed Mukhim	M. Pharm 11/08/2012	Pune University, Pune	2012	Assistant Professor 02/07/2012	Pharmacology
14	Prof. Deshmukh Mohammad Rehan	M. Pharm 11/09/2012	RTM, Nagpur University, Nagpur	2012	Assistant Professor 19/07/2013	Pharmaceutics
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16	Prof. Md. SaqibMujtaba Ahmed	M. Pharm 01/08/2011	RGUHS, University, Karnataka	2011	Assistant Professor 27/07/2015	Pharmaceutical Chemistry
17	Prof. Mahmad Asif Khalifa	M. Pharm 26/03/2014	RGUHS, University, Karnataka	2013	Assistant Professor 23/07/2015	Pharmaceutics
18	Prof. Miss. Pinjari Aayashabi	M.Sc. 17/06/2015	North Maharashtra University, Jalgaon	2015	Assistant Professor 20/06/2015	Chemistry

19	Prof. Asir Rahman Rafique Ahmed	M. Pharm 22/11/2013	North Maharashtra University, Jalgaon	2013	Assistant Professor 07/07/2015	Quality Assurance
20	Prof. Mizanurrhean Shaikh	M. Pharm 27/10/2015	North Maharashtra University, Jalgaon	2012	Assistant Professor 15/06/2015	Environment
21	Prof. Mullani Shafi Ahmad	MCA and MSc 15/09/2017	Solapur University Solapur.	2008	Assistant Professor 01/07/2010	Computer & Maths
22	Prof. Patel Zakaria Adambhai	M. Pharm 22/11/2013	North Maharashtra University, Jalgaon	2013	Assistant Professor 01/02/2016	Pharmaceutics
23	Prof. Sohel Shaikh	M.Pharm 22/11/2013	North Maharashtra University	2013	Assistant Professor 01/02/2016	Pharmaceutics
24	Prof. Patel Taiyabah Iqbal	M.Pharm 22/11/2013	North Maharashtra University	2013	Assistant Professor 01/02/2016	Pharmaceutics
25	Prof. Naeemurrahman Khan	M. Pharm --	Pune University, Pune	2016	Assistant Professor 01/07/2017	Pharmaceutical Chemistry
26	Prof. Hozefa Karodiya	M.Pharm 22/11/2013	North Maharashtra University	2013	Assistant Professor 01/01/2017	Quality Assurance
27	Prof. Patel Afroza Akbar Bhai	M.Pharm 18/12/2016	North Maharashtra University	2016	Assistant Professor 01/01/2017	Pharmaceutics
28	Prof. Sufiyan Wedachchhiya	M.Pharm 18/12/2016	North Maharashtra University	2016	01/01/2017	Pharmaceutics

5.1 Student-Faculty Ratio (SFR) (20)

Regular Faculty means:

- Full time On-Roll with prescribed pay scale. An employee on contract for a period of more than two years and drawing consolidated salary equal or more than applicable gross salary shall only be counted as a regular employee.
- Prescribed pay scales mean pay scales notified by the AICTE/Central Govt. and implementation as prescribed by the State Govt. In case State Govt. prescribes lesser consolidated salary for a particular cadre then same will be considered as reference while counting faculty as a regular faculty.

$N = \text{No. of students} = 4x^*$ where x is approved intake + lateral entry intake (10% of approved intake)

Year	2018-2019 CAY	2017-2018 CAYm1	2016-2017 CAYm2
B.Pharm I (u1.1)	60	55	60
B.Pharm II (u1.2)	78	52	65
B.Pharm III (u1.3)	57	56	56
B.Pharm IV (u1.4)	54	56	47
UG1	249	219	228
M.Pharm I (p1.1)	03	08	06
M.Pharm II (p1.2)	07	06	08
PG1 (PH)	10	14	14
M.Pharm I (p2.1)	00	02	02
M.Pharm II (p2.2)	02	03	03
PG2 (QA)	02	05	05
PGm	--	--	--
Total No. of Students in the Department (S)	UG1 + PG1 +PG2=S S= 260	UG1 + PG1 +PG2=S1 S2= 238	UG1 +PG1+PG2= S2 S3= 247
No. of Faculty in the Department(F)	F1=(19+03) = 22	F2=(17+03) = 20	F3=(14+05)=19
Student Faculty Ratio (SFR)	SFR1= 260/22= 11.81	SFR2 = 238/20 =11.90	SFR3 = 247/19 =13
Average SFR	SFR=(SFR1+SFR2+SFR3)/3 = 12.23		
Average SFR for three assessment years: 12.23			

Note: Marks to be given proportionally from a maximum of 20 to a minimum of 10 for average SFR of 15:1 to 20:1, and zero for average SFR higher than 20:1

No. of Students = Sanctioned Intake + Actual admitted lateral entry

(The above data to be provided considering all the UG and PG programs of the department)

S = Number of Students in the Department = UG1 + PG1 + PG2

F = Total number of regular faculty members in the department

No. of UG Programs in Department: 01**B.Pharmacy**

Year of Study	CAY		CAYm1		CAYm2	
	Sanctioned Intake	Actual Admitted Through Lateral Entry	Sanctioned Intake	Actual Admitted Through Lateral Entry	Sanctioned Intake	Actual Admitted Through Lateral Entry
I st Year	60	0	60	0	60	0
II nd Year	60	15	60	9	60	8
III rd Year	60	0	60	0	60	0
IV th Year	60	0	60	0	60	0
Sub Total	240	15	240	9	240	8
Total	255		249		248	
Admitted	249		219		228	

No. of PG Programs in Department: 02**M. Pharmacy Pharmaceutics****M. Pharmacy Quality Assurance**

Year of Study	CAY	CAYm1	CAYm2	CAY	CAYm1	CAYm2
	Sanctioned Intake	Sanctioned Intake	Sanctioned Intake	Sanctioned Intake	Sanctioned Intake	Sanctioned Intake
I st Year	18	18	18	18	18	18
II nd Year	18	18	18	18	18	18
Total	36	36	36	36	36	36
Admitted	10	14	14	02	05	05

No. of UG Programs in Department: 01

Descriptions	CAY 2018-2019	CAYm1 2017-2018	CAYm2 2016-2017
Total No. of Students in the department (S)	327 Sum total of all (UG+PG) Students	321 Sum total of all (UG+PG) Students	320 Sum total of all (UG+PG) Students
No. of faculty in the department	22	20	19
Student Faculty Ratio (F)	14.86	16.05	16.84

Average SFR

$$\text{SFR} = (\text{SFR1} + \text{SFR2} + \text{SFR3})/3 = 15.92$$

F= Total Number of faculty members in the department (Excluding first year faculty)

5.2. Faculty Cadre Ratio (20)

The reference Faculty cadre proportion is 1(F1):2(F2):6(F3)

F1 : Number of Professors required = $1/9 \times$ Number of Faculty required to comply with 15:1 Student-Faculty ratio.

F2 : Number of Associate Professors required = $2/9 \times$ Number of Faculty required to comply with 15:1 Student-Faculty ratio.

F3 : Number of Assistant Professors required = $6/9 \times$ Number of Faculty required to comply with 15:1 Student-Faculty ratio

Year	Professor		Associate Professor		Assistant Professor	
	Required F1	Available	Required F2	Available	Required F3	Available
CAY 2018-19	1	2	4	3	11	17
CAY1 2017-18	1	2	4	0	11	18
CAYm2 2016-17	1	2	4	0	11	17
Average numbers	RF1=1	AF1=2	RF2=4	AF2=1	RF3=11	AF3=17.33

Cadre Proportion: 1(F1): 2(F2):6(F3)

Average Faculty Cadre Proportion: 1(1): 2(3):6(18)

Cadre Proportion marks = $[(\text{AF1}/\text{RF1}) + (\text{AF2}/\text{RF2} \times 0.6) + (\text{AF3}/\text{RF3} \times 0.4)] \times 10$

$$= (2/1) + (1/4 \times 0.6) + (17.33/11 \times 0.4) \times 10$$

$$= [2 + 0.15 + 0.63] \times 10$$

$$= 2.78 \times 10$$

$$= 27.8$$

5.3 Faculty Qualification (20)

$$FQ=2*(10X+6Y)/F$$

Where: X is no. of faculty with Ph.D, Y is no. of faculty with M. Pharm., F is no. of faculty required to comply 1:15 Faculty Student Ratio. (no. of faculty and no. of students required to be calculated as per 5.1)

Year	X	Y	F	$FQ=2*(10X+6Y)/F$
CAY 2018-19	5	17	14.86	20.46
CAYm1 2017-18	5	19	16.05	20.44
CAYm2 2016-17	3	19	16.84	17.10
Average Assessment				19.33

5.4 Faculty Retention (20)

Item	Marks
>= 90% of required Faculty members retained during the period of assessment keeping CAYm2 as base year	20
>= 75% of required Faculty members retained during the period of assessment keeping CAYm2 as base year	16
>= 60% of required Faculty members retained during the period of assessment keeping CAYm2 as base year	12
>= 50% of required Faculty members retained during the period of assessment keeping CAYm2 as base year	08
<50% of required Faculty members retained during the period of assessment keeping CAYm2 as base year	0

>= 75% of required Faculty members retained during the period of assessment keeping 2016-2017 as base year

Justification:

According to Faculty Cadre Proportion (5.2), we have calculated the no. of required faculties for the base year CAYm2 that was found to be **24** and the actual no. of faculty available was **18** so the faculty retention obtained by taking the CAYm2 as base year was $18 \div 24 = 75\%$

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

Innovations by the Faculty in teaching and learning shall be summarized as per the following description.

Contributions to teaching and learning are activities that contribute to the improvement of student learning. These activities may include innovations including, however not limited to, use of ICT, in instruction delivery, instructional methods, assessment, evaluation and inclusive classrooms that lead to effective, efficient and engaging instruction. Any contributions to teaching and learning should satisfy the criteria:

- The work must be made available on Institute website.*
- The work must be available for peer review and critique.*
- The work must be able to be reproduced and built on by other scholars.*

The institution may setup appropriate processes for making the contributions available to the public, getting them reviewed and for rewarding. These may typically include statement of clear goals, adequate preparation, use of appropriate methods, and significance of results, effective presentation and reflective critique.

ICT enabled teaching and learning be made integral part of the curriculum.

- A Desk-top Computer, Printer, Scanner with Internet connectivity has been provided to each faculty. The necessary software and software development tools have been provided for the preparation of lecture slides, reports etc.
- Apart from ICT-enabled classrooms, Virtual Classroom with A-View facility are also established in the exclusively in one class room. Well-equipped Language Laboratories are established at computer centre languages studies for providing ICT enabled platform to the students to enhance their communication skills, group discussion practices, and phonetics/accent etc.

With an objective of making the teaching- learning process a pleasurable exercise; the teachers adopt different methods and methodologies. The use of ICT has become an integral part of education delivery process. The best way to judge the student's grasping of a subject is by the means of class tests and quizzes. As a part of our continuous efforts to prepare our students, T. Y. B. Pharm students are encouraged to do a research project. The findings of their research are then published in journal which is made available on the college website so that others can make use of their findings.

The college website has been made very student friendly wherein all the information, notes, past question papers, annual magazine and reports etc. are made available to the

students via their individual logins. GPAT coaching: College conducts training sessions for GPAT examination for the final year's aspirants. These students get scholarships during their higher study. Special training Programme: Special soft skill development programs are being held to improve students' employability, attitude, soft skills, and communication skills. It serves as tool for self-assessment. Progress report: The performance in internal examinations and attendance report of students are analyzed every quarter and tell to their parent's through phone call and letters. Highest attendances (%) are regularly awarded by our Management and Principal. The absence from the classes is regularly conveyed to parents on real time basis to parents, so that they will be aware of the progress of their quarter.

5.6 Faculty as participants in Faculty Development/Training Activities (15)

- *A Faculty scores maximum five points for participation*
- *Participant in 2 to 5 days' Workshop/Faculty Development Program : 3 Points*
- *Participant >5 days' Workshop/Faculty Development Program : 5 points*

Name of the Faculty	Max.5 per Faculty		
	CAY (2018-19)	CAYm1 (2017-18)	CAY m2 (2016-17)
Dr. Khan GulamJaved	4(3), 1(5)	-	1(3)
Dr. Quazi Majaz Ahamad	4(3)	1(3)	1(3)
Dr. Aejaz Ahmed	4(3)	1(5)	1(3)
Dr. Shaikh Siraj Nawaj	6(3), 1(5)	1(3)	1(3)
Prof. Mohd Hasib Ahmad	2(3), 1(5)	1(3)	1(3)
Prof. Ashish Khairnar	2(3), 1(5)	1(3)	1(3)
Prof. Pravin Gomase	2(3), 1(5)	1(3)	1(3)
Prof. Patel M Siddik	1(3)	1(3)	1(3)
Prof. Mohd Asif Khalifa	2(3)	1(3)	1(3)
Prof. Asir Rahman	1(3)	1(3)	1(3)
Prof. Rehan Deshmukh	1(3)	1(3)	1(3)
Prof. Mohd Saqib	2(3)	1(3)	1(3)
Prof. Patel Afroza Akbar	1(3)	1(3)	1(3)
Prof. Sayyed Mukhim	--	1(3)	1(3)
Sum	= 128	= 41	= 45

RF: Number of faculty required to comply with 15:1 Student faculty ratio as per 5.1	15	16	17
Assessment = 3 x Sum / (0.5 RF)	51.2	15.37	15.88
Average Assessment over three years (marks limited to 15) = 27.48			

Dr. Gulam Javed Khan					
Sr. no	Title	Conference / Workshop Organizer	Date	Days	Marks
1.	Clinical data management CDM, ICT.	Institute of chemical technology department of pharmaceutical science and technology-Mumbai	17 to 27-12-2018	10	5
2.	Implementation of 5s system in academia	Jamia institute of engineering and management studies .Akkalkuwa (M.S.)	17/08/2018	1	-
3.	Avishkar - 2017 Phase-I	ACS Taloda, NMU Avishkar 2017	21/12/2017	1	-
4.	Reunion 2017 industry institute interaction	Conference on ali Allana college of pharmacy Akkalkuwa	29/07/2017	1	-
5.	CPCSEA Nominee Training	CPCSEA, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110 003	18 to 19-09-18	2	3
6.	Reunion 2018 Industry institute interaction	Conference on ali Allana college of pharmacy Akkalkuwa(M,S)	14 to 15 /09/2018	2	3
7.	Career launch pad to regulatory affairs in global India	National level workshop ali Allana college of pharmacy Akkalkuwa	13 to 14-02-2017	2	3
8.	National pharmaco vigilance: are we using good drug or bad drugs? And recipes for success in pharmacy: what's to be done today?	Workshop Ali Allana college of pharmacy Akkalkuwa	12/01/2016	1	-
9.	NAAC awareness	Workshop NMU university, Jalgaon	18 to 19-01-2019	2	3
Dr. Quazi Majaz Ahamad					
Sr. no	Title	Conference / Workshop Organizer	Date	Days	Marks
1	Recent Advances in Nanotechnology and Radiopharmaceuticals Drug, Discovery and Development	6 th International Conference SDPC Kim Surat, India	16-17/02/2019	3	3

2	Nanotechnology and its application to ocular drug delivery system	International conference Bardoli Surat (G.J)	28 to 30 -01 -2019	3	3
3	Insight of accreditation process for affiliated colleges	National level seminar pune(M.S.)	6 to 7 -02-2018	2	3
4	Use of ICT and LMS in teaching learning	Conference pune (M.S.)	18-01-18	1	--
5	Reunion 2017 Industry institute interaction	Conference on ali Allana college of pharmacy Akkalkuwa(M,S)	29-07-2017	1	--
6	Career launch pad to regulatory affairs in global India	National level workshop ali Allana college of pharmacy Akkalkuwa	13 to 14-02-2017	2	3
7	Integrated approaches for evaluation for herbal medicines	National conference, ARA College of Pharmacy, Dhule (M.S.)	16-01-16	1	--
8	National pharmacovigilance: are we using good drug or bad drugs? And recipes for success in pharmacy: whats to be done today?	Workshop ali Allana college of pharmacy Akkalkuwa (M.S.)	01/12/2016	1	--
9	Herbal cosmetic a safe and effective approach''	National level seminar shahada	10/03/2015	1	--
10	HPLC method development and validation	Workshop Jalgaon (M.S.)	16-08-15	1	--
11	NAC awareness	Workshop NMU university, Jalgaon (M.S.)	23 to 24-03-15	2	3
12	CPCSEA Nominee Training	CPCSEA, Indira Paryavaran Bhawan, JorBagh Road, New Delhi - 110 003	18 to 19-09-18	2	3
13	Reunion 2018 Industry institute interaction	Workshop at Ali Allana college of pharmacy Akkalkuwa(M,S)	14 to 15 /09/2018	2	3

Dr. Shaikh Siraj Nawaj

Sr. no	Title	Conference / Workshop Organizer	Date	Days	Marks
1.	Fabrication, optimization and evaluation of floating Mucoadhesive drug delivery system of antihypertensive drug	International Conference DUPHAT, Dubai UAE	25-28/02/2019	04	05
2.	Recent Advances in Nanotechnology and Radiopharmaceuticals Drug, Discovery and Development	6 th International Conference SDPC Kim Surat, India	16-17/02/2019	02	03
3.	Nanotechnology and its application to ocular drug delivery system	International conference Bardoli Surat (G.J.)	28 to 30 -01 -2019	03	03

4.	Recent advances and radiopharmaceutical drug discovery and development	International conference Kim, surat(G.J.)	16 to 17-02-2019	02	03
5.	Career launch pad to regulatory affairs in global India	National level workshop ali Allana college of pharmacy Akkalkuwa	13 to 14-02-2017	2	3
6.	Stem cells and its applications in pharmacy	ACS college ,Taloda dist. Nandurbar	Dec-18	1	--
7.	Formulation & evaluation of Gastro retentive formulation	PSGVP Shahda Dist. Nandurba	22-Nov-2015.	1	--
8.	Reunion 2017 Industry institute interaction	Conference at ali Allana college of pharmacy Akkalkuwa(M.S)	29-07-2017	1	--
9.	Avishkar 2017	NMU Avishkar 2017 Taloda	21-12-2017	1	--
10.	One day national workshop on basics of experimental design	National workshop, bbardoli,surat(G,J.)	17-02-2018	1	--
11.	Insight of accreditation process for affiliated colleges	National level seminar pune (M.S.)	6 to 7 -02-2018	2	03
12.	NAAC awareness program (NAP)	Workshop Jalgaon	17 to 18 -01-2019	2	03
13.	Nutraceuticals a new Era of medicines	National level seminar shahada(M.S.)	10/05/2018	1	--
14.	Avishkar 2018 Phase-I	NMU Avishkar 2018 Shahada	26-12-2018	1	--
15.	Recent advance in novel drug carrier system	National level seminar shahada(M,S)	10/05/2016	1	--
16.	Reunion-2018 industry institute interaction	Conference at ali -Allana college of pharmacy Akkalkuwa(M,S)	14 to15-09-2018	2	03
17.	Graduation ceremony by Daulate Kuwait Ambessadar	Conference at ali -Allana college of pharmacy Akkalkuwa(M,S)	14-02 -2019	1	--
18.	Avishkar 2015	Poster presentation shahada	22-11-2015	1	--
19.	Herbal cosmetic a safe and effective approach''	National level seminar shahada	10/03/2015	1	--

Dr. Aeja Ahmad Abdul Rafique

Sr. no	Title	Conference / Workshop Organizer	Date	Days	Marks
1.	Recent Advances in Nanotechnology and Radiopharmaceuticals Drug, Discovery and Development	6 th International Conference SDPC Kim Surat, India	16-17/02/2019	02	03
2.	Nanotechnology and its application to ocular drug delivery system	International conference Bardoli (G.J)	28 to 30 -01-2019	3	3
3.	Graduation ceremony by Daulate Kuwait Ambessadar	Conference at Ali -Allana college of pharmacy	14-02 -2019	1	--

		Akkalkuwa(M,S)			
4.	Avishkar -2017 Phase –I	NMU avishkar 2017 Taloda (M.S.)	21-12-2017	1	--
5.	National pharmacovigilance: are we using good drug or bad drugs? And recipes for success in pharmacy: what's to be done today?	Workshop ali Allana college of pharmacy Akkalkuwa (M.S.)	01/12/2016	1	--
6.	Recent trend in computer added drug design and chromatographic science	Conference KYDSCT, college of pharmacy sakegaon –Bhusawal(M.S.)	27-12-2016	1	--
7.	Career launch pad to regulatory affairs in global India	National level workshop at ali Allana college of pharmacy Akkalkuwa (MS)	13 to 14-02-2017	2	3
8.	Reunion 2017 Industry Institute interaction	Conference at ali Allana college of pharmacy Akkalkuwa	29-07-2017	1	--
9.	Reunio-2018 union industry institute interaction	Conference at ali -Allana college of pharmacy Akkalkuwa(M.S)	14 to15-09-2018	2	3
10.	Recent advances and radiopharmaceutical drug discovery and development	International conference Kim, surat(G.J.)	16 to 17-02-2019	2	3
11.	Advances in Nanotechnology and Applications	Human resources development center , Pune University	22 to 28-12-17	7	5

Prof. Khalifa Mahmdasif

Sr. no	Title	Conference / Workshop Organizer	Date	Days	Marks
1.	One day national workshop on basics of experimental design	National workshop, Bardoli, surat (G.J.)	17-02-2018	1	--
2.	Career launch pad to regulatory affairs in global India	National level workshop at ali Allana college of pharmacy Akkalkuwa (MS)	13 to 14-02-2017	2	3
3.	National pharmacovigilance: are we using good drug or bad drugs? And recipes for success in pharmacy: what's to be done today?	Workshop ali Allana college of pharmacy Akkalkuwa (M.S.)	01/12/2016	1	--
4.	Reunion industry institute interaction	Conference on ali -Allana college of pharmacy Akkalkuwa(M,S)	14 to15-09-2018	2	03
5.	Nanotechnology and its application to ocular drug delivery system	International conference Bardoli (G.J)	28 to 30 -01-2019	3	03
6.	Implementation of 5s system	Jamia institute of engineering	17-08-2018	1	--

	in academia	and management studies. Akkalkuwa (M.S.)			
Prof. Asir Rahman Rafique Ahmed					
Sr. no	Title	Conference / Workshop Organizer	Date	Days	Marks
1.	Reunion 2017 Industry institute interaction	Conference on ali Allana college of pharmacy Akkalkuwa(M,S)	29-07-2017	1	--
2.	Career launch pad to regulatory affairs in global India	National level workshop at ali Allana college of pharmacy Akkalkuwa (MS)	13 to 14-02-2017	2	3
3.	National pharmacovigilance: are we using good drug or bad drugs? And recipes for success in pharmacy: what's to be done today?	Workshop ali Allana college of pharmacy Akkalkuwa (M.S.)	01/12/2016	1	--
4.	Reunion 2018 Industry institute interaction	Conference on ali -Allana college of pharmacy Akkalkuwa(M,S)	14 to15-09-2018	2	03
5.	Nanotechnology and its application to ocular drug delivery system	International conference Bardoli (G.J)	28 to 30 -01-2019	3	03
6.	National pharmacovigilance: are we using good drug or bad drugs? And recipes for success in pharmacy: what's to be done today?	Workshop ali Allana college of pharmacy Akkalkuwa (M.S.)	01/12/2016	1	--
7.	Use of ICT and LMS in teaching learning	Conference Pune (M.S.)	18-01-18	1	--
Prof. Md Saqib Mujtaba Ahmed					
Sr. no	Title	Conference / Workshop Organizer	Date	Days	Marks
1.	Reunion-2017 Industry institute interaction	Conference at ali Allana college of pharmacy Akkalkuwa(M.S)	29-07-2017	1	--
2.	Career launch pad to regulatory affairs in global India	National level workshop at ali Allana college of pharmacy Akkalkuwa (MS)	13 to 14-02-2017	2	3
3.	National pharmacovigilance: are we using good drug or bad drugs? And recipes for success in pharmacy: what's to be done today?	Workshop ali Allana college of pharmacy Akkalkuwa (M.S.)	01/12/2016	1	--
4.	Reunion industry institute interaction	Conference on ali -Allana college of pharmacy Akkalkuwa(M,S)	14 to15-09-2018	2	03
5.	National pharmacovigilance: are we using good drug or	Workshop ali Allana college of pharmacy Akkalkuwa	01/12/2016	1	--

	bad drugs? And recipes for success in pharmacy: what is to be done today?	(M.S.)			
6.	Reunion 2018 Industry institute interaction	Conference on ali -Allana college of pharmacy Akkalkuwa(M.S)	14 to15-09-2018	2	03
Prof. Pravin Vasanttrao Gomase					
Sr. No	Title	Conference / Workshop Organizer	Date	Days	Marks
1.	Rojgar Vawasaye Margdarshan Karyeshala, KBC NMU.	Workshop at Ali Allana college of pharmacy Akkalkuwa(M.S)	23 to 24 Jan 2018	2	3
2.	Reunion -2018 Industry institute interaction	Conference at Ali Allana college of pharmacy Akkalkuwa(M,S)	14 to 14 - 09-2018	2	3
3.	Career launch pad to regulatory affairs in global India	National level workshop at Ali Allana college of pharmacy Akkalkuwa (MS)	13 to 14-02-2017	2	3
4.	National pharmacovigilance: are we using good drug or bad drugs? And recipes for success in pharmacy: what is to be done today?	Workshop Ali Allana college of pharmacy Akkalkuwa (M.S)	01/12/2016	1	--
5.	Industrial and academic Perspectives of Regulatory affairs	Conference at Ali Allana college of pharmacy Akkalkuwa(M.S)	02/10/2015	1	--
6.	Advances Acquisition Techniques in Pharmacological Research	RCPIPER Shirpur,(M.S)	21/08/2015	1	--
7.	Reunion -2017 Industry institute interaction	Conference at Ali Allana college of pharmacy Akkalkuwa(M.S)	29-07-2017	1	--
Prof. Mohammad Hasib Ahmed					
Sr. No	Title	Conference / Workshop Organizer	Date	Days	Marks
1.	Reunion -2017 Industry institute interaction	Conference at ali Allana college of pharmacy Akkalkuwa(M.S)	29-07-2017	1	--
2.	Career launch pad to regulatory affairs in global India	National level workshop at Ali Allana college of pharmacy Akkalkuwa (MS)	13 to 14-02-2017	2	3
3.	Rojgar Vawasaye Margdarshan Karyeshakla	Workshop at ali Allana college of pharmacy Akkalkuwa(M.S)	23 to 24 Jan 2018	2	3
4.	Reunion -2018 Industry institute interaction	Conference at ali Allana college of pharmacy Akkalkuwa(M,S)	14 to 14 - 09-2018	2	3
5.	National pharmacovigilance:	Workshop ali Allana college	01/12/2016	1	--

	are we using good drug or bad drugs? And recipes for success in pharmacy: what's to be done today?	of pharmacy Akkalkuwa (M.S)			
Prof. Patel M. Siddik					
Sr. No	Title	Conference / Workshop Organizer	Date	Days	Marks
1.	Reunion -2018 Industry institute interaction	Conference at ali Allana college of pharmacy Akkalkuwa(M.S)	14 to 14 - 09-2018	2	03
2.	Career launch pad to regulatory affairs in global India	National level workshop at Ali Allana college of pharmacy Akkalkuwa (MS)	13 to 14-02-2017	2	3
3.	National pharmacovigilance: are we using good drug or bad drugs? And recipes for success in pharmacy: what's to be done today?	Workshop ali Allana college of pharmacy Akkalkuwa(M.S)	01/12/2016	1	--
4.	Rojgar Vawasaye Margdarshan Karyeshala, KBC NMU.	Workshop at ali Allana college of pharmacy Akkalkuwa(M,S)	23 to 24 Jan 2018	2	03
5.	Reunion -2017 Industry institute interaction	Conference at ali Allana college of pharmacy Akkalkuwa(M.S)	29-07-2017	1	--
Prof. Rehan Deshmukh					
Sr. No	Title	Conference / Workshop Organizer	Date	Days	Marks
1.	Reunion -2018 Industry institute interaction	Conference at ali Allana college of pharmacy Akkalkuwa(M.S)	14 to 14 - 09-2018	2	03
2.	Career launch pad to regulatory affairs in global India	National level workshop at Ali Allana college of pharmacy Akkalkuwa (MS)	13 to 14-02-2017	2	3
3.	National pharmacovigilance: are we using good drug or bad drugs? And recipes for success in pharmacy: what's to be done today?	Workshop ali Allana college of pharmacy Akkalkuwa(M.S)	01/12/2016	1	--
4.	Rojgar Vawasaye Margdarshan Karyeshala, KBC NMU.	Workshop at ali Allana college of pharmacy Akkalkuwa(M,S)	23 to 24 Jan 2018	2	03
5.	Reunion -2017 Industry institute interaction	Conference at ali Allana college of pharmacy Akkalkuwa(M.S)	29-07-2017	1	--
Prof. Khairnar Ashish Kumar Shridhar					
Sr. No	Title	Conference / Workshop Organizer	Date	Days	Marks

1.	Career launch pad to regulatory affairs in global India	National level workshop at Ali Allana college of pharmacy Akkalkuwa (MS)	13 to 14-02-2017	2	3
2.	CPCSEA Nominee Training	CPCSEA, Indira Paryavaran Bhawan, JorBagh Road, New Delhi - 110 003	18 to 19-09-18	2	3
3.	Rojgar Vawasaye Margdarshan Karyeshala, KBC NMU.	Workshop at Ali Allana college of pharmacy Akkalkuwa(M.S)	23 to 24 Jan 2018	2	3
4.	Reunion -2018 Industry institute interaction	Conference at ali Allana college of pharmacy Akkalkuwa(M.S)	14 to 14 - 09-2018	2	3
5.	National pharmacovigilance: are we using good drug or bad drugs? And recipes for success in pharmacy: what is to be done today?	Workshop ali Allana college of pharmacy Akkalkuwa (M.S)	01/12/2016	1	-
6.	Industrial and academic Perspectives of Regulatory affairs	Conference at ali Allana college of pharmacy Akkalkuwa(M.S)	02/10/2015	1	-
7.	Advances Acquisition Techniques in Pharmacological Research	RCPIPER Shirpur, (M.S.)	21/08/2015	1	-
8.	Nutraceuticals a new Era of medicines	National level seminar shahada(M.S)	10/05/2018	1	-
9.	Application of Medicinal Plants and Their Exhibitions	ACS SORAPAD Akkalkuwa, (M.S.)	03/04/2017	1	-
10.	Herbal cosmetic a safe and effective approach''	National level Seminar shahada (M.S)	10/03/2015	1	-
11.	Reunion -2017 Industry institute interaction	Conference at Ali Allana college of pharmacy Akkalkuwa(M.S)	29-07-2017	1	-

Prof. Md Tarique Nisar Ahmad

Sr. no	Title	Conference / Workshop Organizer	Date	Days	Marks
1.	Reunion -2017 Industry institute interaction	Conference at ali Allana college of pharmacy Akkalkuwa(M.S)	29-07-2017	1	--
2.	Career launch pad to regulatory affairs in global India	National level workshop at Ali Allana college of pharmacy Akkalkuwa (MS)	13 to 14-02-2017	2	3
3.	Rojgar Vawasaye Margdarshan Karyeshala, KBC NMU.	Workshop at Ali Allana college of pharmacy Akkalkuwa(M.S)	23 to 24 Jan 2018	2	3
4.	Reunion -2018 Industry institute interaction	Conference at ali Allana college of pharmacy Akkalkuwa (M.S)	14 to 14 - 09-2018	2	3
5.	National pharmacovigilance: are we using good drug or	Workshop Ali Allana college of pharmacy Akkalkuwa(M.S)	01/12/2016	1	--

	bad drugs? And recipes for success in pharmacy: what's to be done today?				
6.	Industrial and academic Perspectives of Regulatory affairs	Conference at ali Allana college of pharmacy Akkalkuwa(M.S)	02/10/2015	1	--
7.	Nutraceuticals a new Era of medicines	National level seminar shahada(M.S)	10/05/2018	1	--
8.	Application of Medicinal Plants and Their Exhibitions	ACS Sorapada Akkalkuwa, (M.S)	03/04/2017	1	--
9.	Herbal cosmetic a safe and effective approach''	National level seminar shahada, (M.S)	10/03/2015	1	--
10.	Regulatory affairs Patenting and Futur Prospects for Pharmacist	COP, NagaoanDhule, (M.S)	20/02/2016	1	--
11.	Recent advance in novel drug carrier system	National level seminar shahada(M.S)	10/05/2016	1	--
12.	Natural Products Application And Development	KBHSS Trust IP, Malegaon, (M.S.)	30/01/2017	1	--
13.	Current Scenario in clinical Pharmacology	PSGVP, shahada, (M.S.)	10/07/2017	1	--
14.	One Day Workshop Cum Training On The Excellence And Soft Skills	Jamia College of Pharmacy, Akkalkuwa, (M.S)	14/11/2017	1	--
15.	Avishkar 2017	NMU Avishkar 2017 ACS Taloda Nandurbar, (M.S)	21-12-2017	1	--

5.7. Research and Development (40)

5.7.1 Academic Research (10)

- *Academic research includes research paper publications, Ph.D. guidance, and faculty receiving Ph.D. during the assessment period.*
- *Number of quality publications in referred/SCI Journals, citations, Books/Book Chapters etc.(6)*
Ph.D. guided/Ph.D. awarded during the assessment period while working in the institute (4) All relevant details shall be mentioned

Details of Publication (Book, Paper, Poster)

DR. G J KHAN

Sr. No.	Title	Name of Journal	Volume/Date	ISSN No.
1	A review on Buccal Mucoadhesive Drug Delivery System.	European Journal of pharmaceutical and Medical research.	2017; 4(11) : 247-252	ISSN 2394-3211
2	Review on various aspects of gastro retentive bilayer floating tablet	World Journal of Pharmaceutical Research.	2017;6(12) : 337-346.	ISSN 2277-7105
3	Microspheres as a multiparticulate drug delivery system: a review.	World journal of pharmacy and pharmaceutical sciences	2016, 5(1):274-292.	ISSN 2278 - 4357
4	Pulsincap Osmotically Driven Capsule Based On Push-Pull Technology: An Overview.	International Journal of Chemistry and Pharmaceutical Sciences.	2016; 4(1): 21-27.	ISSN 2331-3132
5	Magnetic Microspheres as novel expansion in multiparticulate drug delivery system	World Journal of Pharmaceutical Research	2016; 5(1): 337-346.	ISSN 2277-7105
6	A Unique Approach in Solubility Enhancement	International Journal of Pharma Research & Review,	Jan 2016; 5(1):19-27.	ISSN: 2278-6074
7	Mini tablet a recent approach of drug delivery system.	International journal of Innovative Pharmaceutical science and research	2015; 3(11):1610-1625.	2347 - 2154
8	Insight in to use of co process excipients in oral disintegrating tablets-a review.	IAJPS	2017; 4 (8): 2622-2626.	ISSN 2349-7750
9	Insight in to applications of thermal sintering technique in NDDS	Journal of Drug Delivery & Therapeutics	2017; 7(5):109-113.	2018; 8(4):185-195
10	Formulation and Characterization of Nanoparticle of Atorvastatin.	Indo American Journal of pharmaceutical sciences	2018; 05 (05):4564-4570.	ISSN 2349-7750
11	Formulation and Characterization of Mucoadhesive Microsphere of Gliclazide HCL	Journal of Drug Delivery & Therapeutics	2018; 8(4):117-125	ISSN: 2250-1177
12	Overview on Mucoadhesive Microsphere	American Journal of Pharmaceutical research	2018; 8 (5): 1079-1088.	ISSN: 2231-6876
13	Design, Development and Evaluation of Oral Disintegrating Film of Ondansetron HCL.	International journal of pharmacy and Pharmaceutical research	June 2018; 12(3):145-161.	ISSN 2349:7203

14	Development Optimization and Evaluation of Dual Mechanism Based Gastro Floatable and Bioadhesive Drug Delivery System for Simvastatin	Asian Journal of Pharmaceutics,	2017; 11 (2):135-146.	E-ISSN : 1998-409X P-ISSN: 0973-8398
15	Formulation, Optimization Evaluation of. Journal of Gastroretetive Tablets of of Ondansetron	Journal of Drug Delivery & Therapeutics	2018; 8(4):185-195	ISSN: 2250-1177
16	Design, Development and Evaluation of Press Coated Floating Pulsatile Tablet of Antihypertensive Agent	Research J. Pharm. and Tech.	March 2018; 11(3):1-9.	0974-3618 (Print) www.rjptonline.org
17	Formulation and evaluation of mucoadhesive buccal patches of piroxicam	Indo American Journal of Pharmaceutical Research, 2018	2018:8(05)	ISSN: 2231-6876

Dr. Molvi Khurshid Iqbal

Sr.	Title	Name of Journal	Volume/ Date	ISSBN No.
1	Synthesis, Characterization and anti-inflammatory activity some 1-(4-Substituted) 2-(4-(piperazine-1-yl) bisthiazole-5-yl) 2-methyle-4-nitro-1h-imidazole-1-yl) ethanone	Asian J Chemistry	2017:10(2) 158-165	Print - 0974-4169 online 0974-4150)
2	Inflammation: Pathogenesis, Prevalence And Management	World Journal Of Pharmacy and Pharmaceutical Sciences	2019; 8(1): 471-480	ISSN 2278 – 4357
3	Herbal Medicine: A Comprehensive Review	International Journal Of Pharmaceutical Research.	8 (2)1; 2016: 1-5.	ISSN 0975-2366
5	Inflammation: Pathogenesis, Prevalence And Management	World Journal Of Pharmacy And Pharmaceutical Sciences	2019; 8(1): 471-480	ISSN 2278 – 4357
6	Ulcer: Pathogenesis, Prevalence, And Management	International Journal of Pharmacognosy	2018; Vol. 5(12): 756-759.	E- ISSN: 2348-3962, P-ISSN: 2394-5583
7	Natural Anthelmintic Medicine: A Mini Review	International Journal Of Pharmacognosy	2018; Vol. 5(7): 396-398.	E- ISSN: 2348-3962, P-ISSN:

				2394-5583
8	Free Radicals And Their Management	American Journal of Pharmacy And Health Research	2018;6(04): 1-10	ISSN NO.: 2321-3647
9	Evaluation of In Vitro anti-Cancer Activity of Plant Kalanchoe Pinnata Against MCF 7 And HOP 62 Cell Lines	International Journal For Pharmacy And Biological Sciences.	2017;7(2):98-104.	Electronic - ISSN: 2230-7605 and print- ISSN: 2321-3272
10	Formulation and Comparative Evaluation of Kayam Churna With Marketed Product	European Journal of Biomedica And Pharmaceutical Sciences	4(7);2017: 465-469.	ISSN 2349-8870
11	Formulation and evaluation of herbal ayurvedic formulation yastimadhuka taila.	International Journal For Pharmaceutical Research Scholars (IJPRS).	5 (3); 2016:40-42.	E-ISSN: 2277-7873

Dr. Aejaaz Ahmed Abdul Rafique

Sr. No.	Title	Name of Journal	Volume/ Date	ISSBN No.
1	Synthesis, Characterization and Pharmacological evaluation of some novel trisubstituted thiazole Derivatives	International Journal of Pharmaceutical Research Scholar	Vol-4 J-2 2015	E-ISSN: 2277-7873
2	Synthesis, Characterization and anti-inflammatory activity some 1-(4-Substituted) 2-(4-(piperazine-1-yl) bithiazole-5-yl) 2-methyl-4-nitro-1H-imidazole-1-yl) ethanone to	Asian J Chemistry	2017:10(2) 158-165	Print - 0974-4169 online 0974-4150
3	Stability indicating reverse-phase high performance liquid chromatography method development and validation for simultaneous estimation of telmisartan and benidipine hydrochloride in pharmaceutical dosage form	Asian Journal of Pharmaceuticals and clinical Research	Vol 11, Issue 5,5 2018	Online 2455-3891 Print 0974-2441
4	Analytical method development and validation for simultaneous estimation of mefenamic acid,	International Journal of Pharmacy and Pharmaceutical Research	2018; Vol. 13 (2): 18-25	ISSN: 2349-7203

	pamabrone hydrochloride and dicyclomine in tablet dosage form.			
5	Stability indicating RP-HPLC method development and validation for simultaneous estimation of rivaroxaban and clopidogrel bisulphate in pharmaceutical dosage form	Poster in International Conference 6-17 Feb 2019	6-17 Feb 2019	Abstract and Posters
6	Nanotechnology and its application in ocular drug delivery system	International Conference UTU Bardoli Surat, India	28 to 30/01/2019	Poster presentation
7	Recent Advances in Nanotechnology and Radiopharmaceuticals Drug, Discovery and Development	6 th International Conference SDPC Kim Surat, India	16-17/02/2019	Poster presentation

Dr. Shaikh Siraj Nawaj

Sr. No.	Title	Name of Journal	Volume /Date	ISSN No.
1	A review on buccal Mucoadhesive drug delivery system.	European Journal of pharmaceutical and Medical research.	2017; 4(11) : 247-252	ISSN 2394-3211
2	Review on various aspects of gastro retentive bilayer floating tablet	World Journal of Pharmaceutical Research.	2017;,6(12) : 337-346.	ISSN 2277-7105
3	Microspheres as a multiparticulate drug delivery system: a review.	World journal of pharmacy and pharmaceutical sciences	2016, 5(1):274-292.	ISSN 2278 - 4357
4	Pulsincap osmotically driven capsule based on push-pull technology:	An Overview. International Journal of Chemistry and Pharmaceutical Sciences.	2016; 4(1): 21-27.	ISSN 2331-3132
5	Magnetic Microspheres as novel expansion in multiparticulate drug delivery system	World Journal of Pharmaceutical Research	2016; 5(1): 337-346.	ISSN 2277-7105
6	A Unique Approach in Solubility Enhancement	International Journal of Pharma Research & Review,	Jan 2016; 5(1):19-27.	ISSN: 2278-6074
7	Mini tablet a recent approach of drug delivery system.	International journal of Innovative Pharmaceutical science and research	2015; 3(11):1610-1625.	2347 - 2154
8	Insight in to use of co process excipients in oral disintegrating tablets-a	IAJPS	2017; 4 (8): 2622-2626.	ISSN 2349-7750

	review.			
9	Insight in to applications of thermal sintering technique in NDDS	Journal of Drug Delivery & Therapeutics	2017; 7(5):109-113.	2018; 8(4):185-195
10	Formulation and Characterization of Nanoparticle of Atorvastatin.	Indo American Journal of pharmaceutical sciences	2018; 05 (05):4564-4570.	ISSN 2349-7750
11	Formulation and Characterization of Mucoadhesive Microsphere of Gliclazide Hcl	Journal of Drug Delivery & Therapeutics	2018; 8(4):117-125	ISSN: 2250-1177
12	Overview on Mucoadhesive Microsphere	IndoAmerican Journal of Pharmaceutical research	2018; 8 (5): 1079-1088.	ISSN 2231-6876
13	Design, Development and Evaluation of Oral Disintegrating Film of Ondansetron Hcl.	International journal of pharmacy and Pharmaceutical research	June 2018; 12(3):145-161.	ISSN 2349-7203
14	Development Optimization and Evaluation of Dual Mechanism Based Gastro Floatable and Bioadhesive Drug Delivery System for Simvastatin	Asian Journal of Pharmaceutics,	2017; 11 (2) :135-146.	E-ISSN : 1998-409X P-ISSN: 0973-8398
15	Formulation, Optimization Evaluation of gastroretentive Tablets of of Ondansetron	Journal of Drug Delivery & Therapeutics	2018; 8(4):185-195	ISSN: 2250-1177
16	Design, Development and Evaluation of Press Coated Floating Pulsatile Tablet of Antihypertensive Agent	Research J. Pharm. and Tech.	March 2018;11(3):1-9.	0974-3618 (Print) www.rjptonline.org
17	Formulation and evaluation of mucoadhesive buccal patches of piroxicam	Indo American Journal of Pharmaceutical Research, 2018	2018:8(05)	ISSN NO: 2231-6876
18	Chemical Modification a unique solution to solubility problem	JDD&T	2019;9(2): 542-546	ISSN NO: 2250-1177
19	Formulation and characterization of floating Beads of antibiotic by emulsion gelation technique	Accepted for publication in AJPCR 2019.	AJPCR 2019.	Online 2455-3891 Print 0974-2441
20	Preparation and evaluation of gastroretentive hydrogel	Asian journal of Pharmacy &	2019,5(4).22-35	ISSN NO 2445-2674

	Beads of Cefdinir by ionotropic gelation technique	Pharmacology		
21	Stem cells and its applications in pharmacy	ACS college, Taloda dist. Nandurbar	Dec-18	Poster presentation
22	Formulation & evaluation of Gastro retentive formulation	PSGVP Shahda Dist. Nandurba	22-Nov-2015.	Poster presentation
23	Nanotechnology and its application in ocular drug delivery system	International Conference UTU Bardoli Surat, India	28 to 30/01/2019	Poster presentation
24	Recent Advances in Nanotechnology and Radiopharmaceuticals Drug, Discovery and Development	6 th International Conference SDPC Kim Surat, India	16-17/02/2019	Poster presentation
25	Fabrication, optimization and evaluation of floating Mucoadhesive drug delivery system of antihypertensive drug	International Conference DUPHAT, Dubai	25-28/02/2019	Poster presentation

Dr. Quzi Majaz Ahamad

Sr. No.	Title	Name of Journal	Volume/ Date	ISSBN
1	Inflammation: Pathogenesis, Prevalence And Management	World Journal Of Pharmacy And Pharmaceutical Sciences	2019; 8(1): 471-480	ISSN 2278 – 4357
2	Ulcer: Pathogenesis, Prevalence, And Management	International Journal Of Pharmacognosy E-ISSN: 2348-3962	2018; Vol. 5(12): 756-759.	, P-ISSN: 2394-5583
3	Natural Anthelmintic Medicine: A Mini Review	International Journal Of Pharmacognosy E-ISSN: 2348-3962,	2018; Vol. 5(7): 396-398.	P-ISSN: 2394-5583
4	Free Radicals And Their Management	American Journal Of Pharmacy And Health Research	2018;6(04): 1-10	ISSN NO.: 2321-3647
5	Evaluation Of In Vitro anti-Cancer Activity Of Plant Kalanchoe Pinnata Against MCF 7 And HOP 62 Cell Lines	International Journal For Pharmacy And Biological Sciences.	2017;7(2):98-104.	e-ISSN:2230-7605, p-ISSN: 2321-3272
6	Formultion And Comparative Evaluation Of	European Journal Of Biomedica And	4(7);2017: 465-469.	ISSN 2349-8870

	Kayam Churna With Marketed Product	Pharmaceutical Sciences		
7	Formulation And Evaluation Of Herbal Ayurvedic Formulation Yastimadhuka Taila.	International Journal For Pharmaceutical Research Scholars (IJPRS).	5 (3); 2016:40-42.	E-ISSN : 2277-7873
8	Herbal Medicine: A Comprehensive Review	International Journal Of Pharmaceutical Research.	8 (2)1; 2016: 1-5.	ISSN - 0975-2366
9	Inflammation: Pathogenesis, Prevalence And Management	World Journal Of Pharmacy And Pharmaceutical Sciences	2019; 8(1): 471-480	ISSN 2278 – 4357
10	Ulcer: Pathogenesis, Prevalence, And Management	International Journal Of Pharmacognosy	2018; Vol. 5(12): 756-759.	E- ISSN: 2348-3962, P-ISSN: 2394-5583
11	Nanotechnology and its application in ocular drug delivery system	International Conference UTU Bardoli Surat, India	28 to 30/01/2019	Poster presentation
12	Recent Advances in Nanotechnology and Radiopharmaceuticals Drug, Discovery and Development	6 th International Conference SDPC Kim Surat, India	16-17/02/2019	Poster presentation

Mr. Ashish Shridhar Khairnar

Sr. No.	Title	Name of Journal	Volume/ Date	ISSBN
1	Begonia pictaSm: A new record to nandurbar and dhule district flora of maharashtra (india)	Bionature	36(6) 2018 ; 333-336	ISSN 0970-9835(P)
2	Communication Skill and soft skill development	Birala Publication	2018	

Prof. Pravin V Gomase

Sr. No.	Title	Name of Journal	Volume/ Date	ISSBN
1	Begonia picta Sm: A new record to nandurbar and dhule district flora of maharashtra (india)	Bionature	36(6) 2018 ; 333-336	ISSN 0970-9835(P)
2	Communication Skill and soft skill development	Birala Publication	2018	

Prof: Deshmukh Md. Rehan

Sr. No.	Title	Name of Journal	Volume/ Date	ISSBN
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1	Enhancement of repaglinide solubility inclusion complex formula with cyclodextrin & synergistic effect of tech of basic PH & co solvent	International Journal of pharmaceutical science research and review	Vol. 15, July/Aug. 2012	ISSN: 0976-044x
2	Formulation and evaluation of Muco Bucal Patches of Piroxicam	Indo American Journal Pharmaceutical Research	Vol 8 Issue 05 2018	ISSN:223 1-6876

Prof: Mohd Saqib Mujtaba Ahmed

Sr. No.	Title	Name of Journal	Volume/ Date	ISSBN
1	Chemical Modification a unique solution to solubility problem	JDD&T	2019;9(2): 542-546	ISSN NO: 2250-1177
2	Synthesis, characterization and antimicrobial evaluation and QSAR studies of thiophene and aryl substituted compounds	American Journal of PharmTEC Research	2012; 2(1)	ISSN: 2249-3387
3	Synthesis and Antimicrobial Activity of N-(5-Phenyl-1, 3, 4-Thiadiazole-2-yl) Benzamide/ Acetamide	American Journal of PharmTEC Research	2012; 2(5)	ISSN: 2249-3387
4	Synthesis and antimicrobial activity of 2-(1h-benzimidazol -2-ylsulfanyl)-n-phenylacetamide	American Journal of PharmTEC Research	2012; 2(3)	ISSN: 2249-3387
5	Synthesis and Antimicrobial Activity of Some Novel 1, 3,4-Thiadiazole derivatives.	American Journal of PharmTEC Research	2017; 7(3)	ISSN: 2249-3387
6	Synthesis and Antimicrobial Activity of S-[5-(Phenylamino)-1,3,4-Thiadiazole-2-yl] Benzenecarbothioate /Ethanethioate	American Journal of PharmTEC Research	2012; 2(3)	ISSN: 2249-3387

Prof: Khalifa Asif

Sr. No.	Title	Name of Journal	Volume/ Date	ISSBN
1	Nanotechnology and its application in ocular drug delivery system	International Conference UTU Bardoli Surat, India	28 to 30/01/2019	Poster presentation
2	Formulation and	Accepted for publication in AJPCR 2019.	AJPCR 2019.	

	characterization of floating Beads of antibiotic by emulsion gelation technique			
3	Preparation and evaluation of gastroretentive hydrogel Beads of Cefdinir by ionotropic gelation technique	Asian journal of Pharmacy & Pharmacology	2019,5(4).22-35	

Prof. Md. Hasib

Sr. No.	Title	Name of Journal	Volume/Date	ISSBN
1	Chemical Modification a unique solution to solubility problem	JDD&T	2019;9(2): 542-546	ISSN NO: 2250-1177

Prof. Patel M. Siddik

Sr. No.	Title	Name of Journal	Volume/Date	ISSBN
1	Chemical Modification a unique solution to solubility problem	JDD&T	2019;9(2): 542-546	ISSN NO: 2250-1177

Mr. Shaoor Ahmad

Sr. No.	Title	Name of Journal	Volume/Date	ISSBN
1	Review on Super disintegrant	WJPR	01/10/2018	ISSN 2277-7105
2	Magnetic microsphere as MDDS	WJPR	08/12/2015	ISSN 2277-7105
3	Application of thermal sintering technique in NDDS (Review)	Research aale	01/09/2017	ISSN 2210-1177
4	Contact lense a review	Indo American journal	30/04/2016	ISSN 2231-6876
5	Review on pulsincap	IJCPS	27/01/2016	ISSN 2331-3132
6	Drug drug solid dispersion unique approach review	IJCPS	01/03/2016	ISSN 2278-6074
7	Review article on microsphere as multiparticulate	WJPPPS	01/01/2016	ISSN 2278-4357
8	Floacting with bioadhesive a unique expansion of grdds a review	AJPTR	01/12/2015	ISSN 2249-3387

Publication and Presentation of Faculty.

Sr. No	Name of Faculty	National/International Journals	Poster Presentation
1	Dr. G J Khan	17	
2	Dr. Molvi Khurshid Iqbal	11	--
3	Dr. Aejaaz Ahmed Abdul Rafique	5	1
4	Dr. Shaikh Siraj Nawaj	17	3
5	Prof. Patel N. Siddik	1	--
6	Dr. Quazi Majaz Ahamad	10	2
7	Prof. Ashishkumar Khairnar	1	--
8	Prof. Pravin V Gomase	1	01
9	Prof. Deshmukh Md. Rehan	2	--
10	Prof. Mohd Hasib Ahmed	0	--
11	Prof. Khalifa Asif	1	01
12	Prof. Shaoor Ahmad	8	--

Academic Research

The institute has state-of-the-art research facilities, with well-equipped instruments. Faculties utilize these sophisticated instruments to acquire research outcomes in the terms of scientific publications and research. One laboratory is being approved as Research Laboratory by Hon`ble KBC, NMU Jalgaon MS India for academic research.

Central Instrumental Facility

The institute has a central instrumentation facility spread over a 100 sq. mts meant for faculty and students of departments. This lab is equipped with high- performance liquid chromatography (HPLC), UV Spectrophotometer, All-purpose equipment, Tablet Punching Machine, Dissolution apparatus, Dryer, Incubators, cooling Centrifuge and Sonicator etc.

Animal House

The institute has a State of the art facilities spread over an area of 88 sqmts. CPCSEA Animal Welfare Division New Delhi has also granted us permission at IAEC committee for

animal experimentation. The facility abides by CPCSEA guidelines and is regulated by IAEC – No. 1875/PO/Re/s/16/CPCSEA dated 22/03/2016. The animal is Housing and experimental facilities which include cardiovascular, psychopharmacology and other pharmacological activities.

Sr. no	Name	Designation in IAEC
1	Dr .G .J. Khan	Chairman
2	Dr. Sudhir. A. Mehta	Main Nominee
3	Dr. Sateesh B.	Scientist from outside the institute
4	Dr. KuchakeVithhal G.	Socially aware Nominee
5	Mr. Hasib Ahmed	Biological Scientist
6	Dr. Quazi Majaz Ahamad	Scientist from different biological discipline
7	Dr. Mohammed Zuber Shaikh	Scientist from different biological discipline (Zoologist)
8	Dr. J. M. Pardeshi	Veterinarian
9	Mr. Ashish. S .Khairnar	Scientist I/C of animal House Facility

Approved Ph.D Guide

Sr. No.	Name of Faculty	Affiliating University	Candidate Allocation	Ph.D guided	Seat Vacant
1	Dr. G. J. Khan	KBC,NMU Jalgaon MS	08	--	08
2.	Dr. KhurshidMolvi	KBC,NMU Jalgaon MS	08	03	08
3	Dr. Quazi Majaz Ahamad	KBC,NMU Jalgaon MS	06	03	03

Faculty pursuing and Completed Ph.D during Assessment Year (2016-2018)

Sr. No.	Name of Faculty	Affiliating University	Ph.D Awarded	Book /Book Chapter
1	Dr. Shaikh Siraj Nawaj	KBC,NMU Jalgaon MS	Completed	01
2	Dr. Aejaz Ahmed Abdul Rafique	KBC,NMU Jalgaon MS	Completed	-
3	Dr. Quazi Majaz Ahamad	KBC,NMU Jalgaon MS	Completed	02
4	Mr. Siddique N Patel	KBC,NMU Jalgaon MS	Pursuing	-
5	Mr. Mohd Hasib Ahmad	KBC,NMU Jalgaon MS	Pursuing	-

6	Mr. Pravin V. Gomase	KBC,NMU Jalgaon MS	Pursuing	02
7	Mr. Ashishkumar Khairnar	KBC,NMU Jalgaon MS	Pursuing	01

Title of Published Books

Sr. No	Name of Faculty	Title	Year	Publisher
1	Dr. G. J Khan	Computer Aided Drug Design	2019	Pee Vee Publication New Delhi
2	Dr. Siraj Shaikh Nawaj	As per PCI Regulations Second year B.Pharm ,Semester –III Practical book of Physical Pharmaceutics-I	2018	Published by Nirali Publication MS
3	Dr. Quazi Majaz Ahamad	Concepts of Pharmacognosy-I Second Edition	2017	Career Publication Nasik, MS
4	Dr. Quazi Majaz Ahamad	Concepts of Pharmacognosy-I First Edition	2016	Career Publication, Nasik, MS
5	Mr. Pravin V. Gomase	Concepts of Pharmacognosy-I Second Edition	2016	Career Publication Nasik, MS
6	Mr. Pravin V. Gomase	Concepts of Pharmacognosy-I First Edition	2016	Career Publication Nasik, MS
7	Mr. Ashishkumar Khairnar	Communication Skills and Soft Skills Development	2017	Birla Publication Nasik, New Delhi

5.7.2 Sponsored Research (10)

(Provide a list with Project Title, Funding Agency, Amount and Duration) Funding amount (Cumulative during assessment years):

Amount >25 Lacs – 10 Marks

Amount >= 22 Lacs and <=25 lacs– 9 Marks

Amount >= 19 Lacs and < 22 lacs– 8 Marks

Amount >= 16 Lacs and < 19 lacs– 7 Marks

Amount >= 13 Lacs and < 16 lacs– 6 Marks

Amount >= 10 Lacs and < 13 lacs– 5 Marks

Amount >= 08 Lacs and < 10 lacs– 4 Marks

Amount >= 06 Lacs and < 08 lacs– 3 Marks

Amount \geq 05 Lacs and $<$ 06 lacs– 2 Marks

Amount \geq 04 Lacs and $<$ 05 lacs– 1 Marks

Amount \leq 4 Lacs– 0 Marks

Academic year 2016-19

Sr. No.	Project title	Funding Agency	Amount in Rs	Duration Years
Total				Nil

5.7.3 Consultancy (From Industry) (10)

Providing list with Project Title, Funding Agency, Amount and Duration.(Provide a list with Project Title, Funding Agency, Amount and Duration) Funding Amount (Cumulative during assessment years):

Amount $>$ 25 Lacs – 10 Marks

Amount \geq 22 Lacs and \leq 25 lacs– 9 Marks

Amount \geq 19 Lacs and $<$ 22 lacs– 8 Marks

Amount \geq 16 Lacs and $<$ 19 lacs– 7 Marks

Amount \geq 13 Lacs and $<$ 16 lacs– 6 Marks

Amount \geq 10 Lacs and $<$ 13 lacs– 5 Marks

Amount \geq 08 Lacs and $<$ 10 lacs– 4 Marks

Amount \geq 06 Lacs and $<$ 08 lacs– 3 Marks

Amount \geq 05 Lacs and $<$ 06 lacs– 2 Marks

Amount \geq 04 Lacs and $<$ 05 lacs– 1 Marks

Amount \leq 4 Lacs – 0 Marks

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

Nil

5.7.5 Developmental Activities (5)

Provide details:

Product Development

Research laboratories

Instructional materials

Working models/charts/monograms etc.

- Our college research activities are well supported by the state of the art central instrument room.
- Research Laboratory has been approved by KBC NMU, Jalgaon
- This laboratory is well equipped with advanced analytical facilities, like HPLC, UV, Tablet punching machine, All-purpose equipment, Flame photometer etc. which are available for students and faculty members.
- Instruments available in all the laboratories are provided with Standard Operating Procedures.
- Informative charts prepared by the students under the guidance of teaching staff members are displayed in the laboratories to assist them in understanding and remembering the concepts.
- Students of our college actively participate in various social awareness programs on pharmacist day and other important days.

Innovative steps

Every individual is unique with different IQ levels. Some students have the capability of grasping fast and memorize for long. Others have less picking capacity. Teachers and professors are supposed to take care of each and everybody as per their specific needs. Weak students or slow learners require extra attention. Guiding you through the proper teaching methods for the shaky students.

- Think
- Psychological analysis
- Individual teaching can help in this regard
- Encouragement
- Timetable Recall
- Personal training
- Mock tests
- No teasing

“Dr. A. P. J. Abdul Kalam Memorial Guest Lectures”

The eminent personality from academic, industries, Gov. Sector were invited as resource person to provide knowledge to the students and resolve their queries in the field of Pharmaceutical Sciences such as,

➤ Career oriented Certificate Course

The one year part time certificate course has been approved by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon U/S 181 of University act.

Career oriented Certificate Courses are successfully introduced and running in our institute to benefits the students at a large for their career options considering the current need and requirement of the Pharmaceutical industry.

- **Clinical Research**
- **Pharma Regulatory Affairs**

No. of Certificate Course: 02

Clinical Research				Pharma Regulatory Affairs		
Year of Study	CAY	CAYm1	CAYm2	CAY	CAYm1	CAYm2
	Sanctioned Intake	Sanctioned Intake	Sanctioned Intake	Sanctioned Intake	Sanctioned Intake	Sanctioned Intake
Total	60	60	--	60	60	--
Admitted	23	16	--	22	11	--

Sr. No.	Name Faculty	Designation	No. of Pass out students (2018-2019)	
			CR	PRA
1	Dr. G.J. Khan	Director	16	11
2	Dr. Aejaz Ahmed	Co-ordinator		
3	Prof. Mohd Hasib Ahmad	Co-ordinator		
4	Prof. Rahil Khan	Mentor		

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

Faculties of Higher Education Institutions today have to perform a variety of tasks pertaining to diverse roles. In addition to instruction, Faculty needs to innovate and conduct research for their self-renewal, keep abreast with changes in technology, develop expertise for the effective implementation of curricula. They are also expected to provide services to the hospitals/ industry and community in large for understanding and contributing to the solution of real life problems. Another role relates to the shouldering of administrative responsibilities to co-operation with other Faculty, heads-of-departments and the Head of Institute. An effective performance appraisal system for Faculty is vital for optimizing the contribution of individual Faculty to institutional performance.

- *The assessment is based on a well-defined system instituted for all the assessment years.*

- *Its implementation and effectiveness.*

Performance based Self-Appraisal takes into account a 360 degree evaluation. The faculty is assessed annually by the Self-Appraisal method, Peer Evaluation and a robust Student Feedback System. The analysis is done based on the following parameters: Results, number of seminars, conferences and QIPs attended, contribution to the college and community, books, papers and patents published, grants received and special awards, consultancy work; student feedback is however, given top priority and this is duly communicated at personal level by the Principal to the teacher. A teacher & students who secures good results in classes his /her subject is motivated by being presented with a Certificate of Appreciation. The college also encourages Faculty Self-Development through upgrading education by offering full support in terms of facilities provided. Faculty participation in continuing education programs, various national and international conferences, sponsored registration and workshops is encouraged. This appraisal system has given way for further enhancement and up-gradation of their skills and knowledge.

Objectives:

Performance appraisal is a formal method of evaluation of the performance of the faculties. It decides whether the performance of the faculties meets the desirable standards of the post they are holding. It is designed to increase the efficacy of the teachers aiding them in the career development.

The proforma for self-appraisal is depicted as under

1. Teaching Ability and Efficiency (Student feedback)
2. Academic and Research Aptitude (Research publications and grants)
3. Administrative Responsibilities
4. Conduct
5. Regularity/Punctuality
6. Teacher-Student Relationship
7. Relation with Head of Department and Colleagues
8. Conduct of workshops, seminars and conferences.
9. Attending workshops, seminars and conferences as participants and resource persons

Policy & Method:

Faculties shall fill the appraisal form which is scrutinized by the Head of the institute. They are categorized relatively and awarded with variable incentives based on the performance. FPADS helped them to improve their academic skills and research interests. In

regarding to this, the faculties have been awarded with Best Teacher and Young scientist awards based on their academic and research aptitude. Faculties completing PhD from the institute has also been provided with additional increments in the form of achievements and the Career advancement scheme is implemented in order to promote the potential faculties to gain higher cadre through the proper format.



Jamia Islamia Isha-atul Uloom's
ALI-ALLANA COLLEGE OF PHARMACY,
Molgi Road, Akkalkuwa, Dist. Nandurbar

Faculty Performance Appraisal Form

Name: Dr. Aejaz Ahmed Abdul Rafique

Designation: Associate Professor and HOD

Department: Pharmaceutical Chemistry

Qualification: M. Pharm Ph. D

Date of Joining: 14/07/2009

Total Experience: Teaching Experience: 9 Year 08 Month (As on 07/03/2019)

Industrial Experience: 3 Years 12 Days

Number of Book Publication: Nil

Number of Paper Publication: 18

National: 10

International: 08

Number of Poster Presentation:

National: 03

International: 01

Number of conference /

Seminar/ workshop attended: 24

National: 18

International: 06

No of Guest Lecture/ Expert Talk Delivered: 02

Number of undergraduate student guided: 38

Number of Postgraduate student guided: Guided 08 & Coguided: 03

Number of Ph.D.student guided: NA

Research Grant Received: Nil

No of Patents: Nil

Google Scholar Citation: 1452

H-index: 27

i10-index: 210

Email ID: aejazboraji@gmail.com, aejazboraji@rediffmail.com Mobile: +91 9766772570

5.9 Visiting / Adjunct Faculty (05)

Adjunct faculty also includes experts from Industry, Research Organizations/Universities and other Government Organizations. Provide details of participation and contributions in teaching and learning and /or research by visiting/adjunct faculty for all the assessment years.

- *Provision of visiting/adjunct faculty (2)*
- *Minimum 50 hours interaction in a year will result in 1 mark for that year; 1 marks x 3 years = 3 marks.*

Institute has appointed a visiting faculty and details are mentioned below.

Details of Visiting Faculty

Name of the Faculty	Specialization	Designation
Dr. Amrit Karmarkar (M.Pharm Ph.D)	Clinical Research & Regulatory Affair	Director Inclination , Mumbai
Prof. Md Sameer	Soft Skills	Rubicon's Connect with work program Barclays
Prof. Parvez Khan	Soft Skills	Rubicon's Connect with work program Barclays
Prof. Md. Tarique	Pharmacognosy	Principal, Jamia College of Pharmacy, Akkalkuwa

CRITERION 6	Facilities	120
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6. Facilities (120)

The college has sufficient class rooms, tutorial rooms, seminar hall with all the adequate teaching aids and other facilities for efficient running of the program. The details of the premises with all facilities available are summarized in the table below.

Room Description	Room No.	Number	Shared/ Exclusive	Area	Rooms /Labs equipped with
Classroom	T-01, T-02, T-03, T-06	4	Exclusive	75 each	Benches, Chairs, Table, projector, projector, screen, podium, computer with LAN etc
Tutorial Room	T-04	1	Exclusive	30	Board, Chairs, Table etc.
Seminar hall	F-01	1	Exclusive	225	Chairs, Table, LCD, Desk, Projector, Screen, Air conditioner etc.
Principal's Chamber	G-04	1	Exclusive	37	Furniture, Chair, Table, Air conditioner etc.
Office	G-13, G-14	2	Exclusive	75 each	Furniture, Chair, Table Computer with LAN etc.
Faculty Room	G-11	1	Exclusive	78	Furniture, Chair, Table, Computers with LAN, Almirah etc.
Boys Common Room	S-06	1	Exclusive	75	Chair, table, etc.
Toilet for Boys	T-10	1	Exclusive	75	Adequate facilities
Girls Common Room	F-05	1	Exclusive	92	Resting Bed, chairs, table, sanitary napkin dispenser.
Toilet for Girl	F-06	1	Exclusive	75	Adequate facilities
Laboratories	-	13	Exclusive	75 each	Adequate Instruments
Machine Room	G-10	1	Exclusive	80	Adequate Instruments
Computer Lab	F-03	1	Exclusive	80	Computers with LAN, furniture, etc.
Museum	F-02	1	Exclusive	30	Drugs, models, charts, etc.
Store Room	S-14	1	Exclusive	99	Chemicals, Glass wares, furniture, Computer, etc.
Animal House	G-18	1	Exclusive	99	Animals/ Cages
Library	T-05	1	Exclusive	178	Racks, chair, table, books, computer with LAN etc
Medicinal Plant Garden	G-32	1	Exclusive	220	Medicinal Plants

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

(Facilities for conducting theory classes)

The facilities for conducting theory classes are adequate. For each year of B. Pharmacy course, one classroom is separately provided; total 04 lecture halls are available.

- All classrooms have one exit. Each classroom can accommodate a minimum of 70 students.
- Each classroom is equipped with desks, chair, teachers table, black board, podium, projector and LAN Connection.
- Adequate number of tube lights, fans, blackboard and white projection screen are provided.
- Classrooms are provided with good ventilation and un-interrupted power supply (connected to electricity generator).
- Exams are conducted in the classrooms.

In addition to classrooms, 1 tutorial hall and conference room is also provided.

- This tutorial room is used for remedial classes and handled separately. In addition, discussions with students who are lagging behind the subject are also handled.
- The conference room provided separately which can accommodate all the B. Pharmacy students (240) at a time, exclusively for conducting guest lectures.

The above amenities ensure proper ambience for teaching-learning process. As the strength of in-take of students is 60, only one section (division) is operated. The details of the classrooms along with the facilities available are provided in the table below.

Class/ Tutorial	Room No.	Shared/ Exclusive	Capacity (per room)	Dimensions with Area (Sq. m)	Rooms/Labs Equipped with
Lecture Hall-1	T-01	Exclusive	70	75	Projector, screen, desks, chairs, teachers table, black board, podium and computer with LAN connection.
Lecture Hall-2	T-02	Exclusive	70	75	Projector, screen, desks, chairs, teachers table, black board, podium and computer with LAN

					connection.
Lecture Hall-3	T-03	Exclusive	70	75	Projector, screen, desks, chairs, teachers table, black board, podium and computer with LAN
Lecture Hall-4	T-06	Exclusive	80	92	Projector, screen, desks, chairs, teachers table, black board, podium and computer with LAN connection.
Tutorial Hall-1	T-04	Exclusive	30	30	Computer, Screen, desks, chairs, teachers table, and black board
Conference Hall/ Auditorium	F-01	Exclusive	250	225	Air conditioned, LCD Projector, screen, sound system, desks, chairs, table, podium and computer with LAN

6.2. Faculty rooms (10)

(Conducive sitting place)

The faculty rooms are available in adequate number and each faculty is provided with one separate cabin.

- The cabins are provided with necessary Furniture including table, chairs and racks to store their books and files.
- Counseling of the students is done in the faculty rooms and personal doubts are cleared.
- Every cabin is provided with a computer with high speed LAN connection for unlimited internet facility.

The details of the faculty rooms along with the facilities available are given in the table below.

Usage	Faculty rooms	Shared/ Exclusive	Dimensions with Area (Sq. m)	No. of seating place in each room	Rooms Equipped with
Faculty Room	F-04	Exclusive	78	20	Computer with LAN, Scanner & Printer, Screen, chairs, teachers table, Notice board, locker
HOD Cabin 01	G-10/1	Exclusive	10	3	Computer with LAN,

(Pharmaceutics)					chairs, teachers table, locker
HOD Cabin 02 (Pharmacognosy)	S-01/1	Exclusive	10	3	Computer with LAN, chairs, teachers table, locker
HOD Cabin 03 (Pharmacology)	S-02/1	Exclusive	15	4	Computer with LAN, chairs, teachers table, locker
HOD Cabin 04 (Ph. Chemistry)	S-04/1	Exclusive	10	3	Computer with LAN, chairs, teachers table, locker

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

Sr. No.	Room No.	Lab Description	UG/PG	Batch Size	Dimensions With Area (Sq. m)	Availability of Manuals	Quality of Instruments	Safety Measures	Remarks
1.	G-07	Pharmaceutics Lab-I	UG	20	75	Available	Excellent	First Aid, Fire extinguisher	Equipped with All necessary Equipment, Apparatus and glassware. *
2.	G-08	Pharmaceutics Lab-II	UG	20	75	Available	Excellent	First Aid, Fire extinguisher	Equipped with All necessary Equipment, Apparatus and glassware. *
3.	G-10	Machine Room	-	-	80	Available	Excellent	First Aid, Fire extinguisher	Equipped with All necessary Equipment, Apparatus and glassware. *
4.	G-12	Research Lab /CIR	UG	-	64	Available	Excellent	First Aid, Fire extinguisher	Equipped with All necessary Equipment and Apparatus *
5.	F-14	Pharmaceutical BiotechLab	UG	20	93	Available	Excellent	First Aid, Fire extinguisher	Equipped with All necessary Equipment, Apparatus and glassware. *
6.	S-01	Pharmacognosy Lab	UG	20	100	Available	Excellent	First Aid, Fire extinguisher	Equipped with All necessary Equipment *

7.	S-02	Pharmacology Lab	UG	20	105	Available	Excellent	First Aid, Fire extinguisher	Equipped with All necessary Equipment *
8.	S-03	Pharmaceutical Chem. Lab-I	UG	20	89	Available	Excellent	First Aid, Fire extinguisher	Equipped with All necessary Equipment, Apparatus and glassware. *
9.	S-04	Pharmaceutical Chem. Lab-II	UG	20	89	Available	Excellent	First Aid, Fire extinguisher	Equipped with All necessary Equipment, Apparatus and glassware. *
10.	S-05	Pharmaceutical Chem. Lab-III	UG	20	92	Available	Excellent	First Aid, Fire extinguisher	Equipped with All necessary Equipment, Apparatus and glassware. *
11.	F-03	Computer center	-	20	132	Available	Excellent	Fire extinguisher	Equipped with adequate Computers with LAN, furniture, etc.

1.	G-06	Pharmaceutical Analysis Lab/ Q.A.	PG	20	75	Available	Excellent	Fire extinguisher	Equipped with All necessary Equipment, Apparatus and glassware. *
2.	G-11	Pharmaceutics Lab-III	PG	20	75	Available	Excellent	Fire extinguisher	Equipped with All necessary Equipment, Apparatus and glassware. *

* Details of Equipment and Apparatus of each Laboratory (department wise) are given in separate table.

LIST OF EQUIPMENTS : PHARMACEUTICS DEPARTMENT

Sr. No.	Name	Make/Supplier	SOP	Log Book	Remark
1.	Ampoule sealing machine	Orchid Scientifics & Innovatives.	Yes	-	
2.	Magnetic stirrer	Kshitij Innovation, Ambala	Yes	-	
3.	Aseptic cabinet	Kshitij Innovation, Ambala	Yes	-	

4.	Tablet coating machine	Orchid Scientifics & Innovatives.	Yes	-	
5.	Ball mill	Orchid Scientifics & Innovatives.	Yes	-	
6.	Double cone blender	Orchid Scientifics & Innovatives.	Yes	-	
7.	Autoclave	Gayatri Scientific, Mumbai	Yes	-	
8.	Steam distillation still	Punjab Instruments & Chemicals, Ambala Cantt	Yes	-	
9.	Standard sieves no. 8, 10, 12, 22, 44, 66, 80	Shethi pvt. Ltd	Yes	-	
10.	Tablet punching machine	Rimek ltd.	Yes	Yes	
11.	Capsule filling machine	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
12.	Ampoules washing machine	Orchid Scientifics & Innovatives.	Yes	-	
13.	Tablet Disintegration apparatus	Electro Lab Mumbai	Yes	-	
14.	Hardness tester	Kshitij international equipment	Yes	-	
15.	Friability test apparatus	Electro Lab Mumbai	Yes	-	
16.	Clarity test apparatus	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
17.	BOD Incubator	Asha Scientific Company, Mumbai	Yes	-	
18.	Digital pH meter	VSI electronics	Yes	-	
19.	Bulk density	Kshitij International Equipments, Ambala	Yes	-	
20.	Hot plate	Kshitij international equipment	Yes	-	
21.	Humidity Chambers	Gayatri Scientific , Mumbai	Yes	-	
22.	Moisture balance	Orchid Scientifics& Innovatives.	Yes	-	
23.	Ointment filling machine	Singhal pvt. ltd.	Yes	-	
24.	Capsule counter	Kshitij International Equipments, Ambala	Yes	-	
25.	Homoginizer	Kshitij International Equipments, Ambala	Yes	-	
26.	Digital balance	Orchid Scientifics& Innovatives.	Yes	-	

27.	Microscope	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
28.	Brookfileld viscometer	Sanjay Biotech Solutions Pvt Ltd, Mumbai	Yes	Yes	
29.	Sieve Shaker Machine	Orchid Scientifics & Innovatives.	Yes	-	
30.	Mechanical Stirrer	Kshitij Innovation, Ambala	Yes	-	
31.	Suppository mold	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
32.	Ultra Sonicator	Kshitij Innovation, Ambala	Yes	-	
33.	Hot Air Oven	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
34.	Tablet Dissolution test apparatus	Electro Lab Mumbai	Yes	Yes	
35.	Milli Pore Filter	Labline Stock Center, Mumbai	Yes	-	
36.	Desiccators	Polylab ltd.	Yes	-	
37.	Refrigerator	Haier	Yes	-	
38.	Tincture press	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
39.	Centrifuge	Remi Electrotechnic Ltd. Mumbai	Yes	-	
40.	Colony Counter	Labline Stock Center, Mumbai	Yes	-	
41.	Antibiotic Zone Rader	Kshitij International Equipments, Ambala	Yes	-	
42.	Laminar Air Flow	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
43.	Micropipette single & Multi	Kshitij International Equipments, Ambala	Yes	-	
44.	UV Cabinet	Sahyadri ltd.	Yes	-	

LIST OF EQUIPMENTS: PHARMACOLOGY DEPARTMENT

Sr. No.	Name	Make/Supplier	SOP	Log Book	Remark
1.	Microscopes	Punjab Instruments & Chemicals Ambala, Cantt.	Yes	-	
2.	Hemocytometers with micropipettes	Perfect improved	Yes	-	
3.	Sahli's hemocytometers	Marienfeld laboratories	Yes	-	

4.	Hutchinson's spirometer	Space Lab, Nasik	Yes	-	
5.	Spygmomanometer	Kshitij international equipment	Yes	-	
6.	Stethoscope	4square & pagoda	Yes	-	
7.	Mercury thermometer	Sahyadri scientific	Yes	-	
8.	Permanent Slides for various tissues	Gravity supplier	Yes	-	
9.	Models for various organs	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
10.	Specimen for various organs and systems	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
11.	Skeleton and bones	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
12.	Muscle electrodes	Space Lab, Nasik	Yes	-	
13.	Lucas moist chamber	Space Lab, Nasik	Yes	-	
14.	Stimulator	By Trust	Yes	-	
15.	Centrifuge	Remi Electrotechnic Ltd. Mumbai	Yes	-	
16.	Sherrington's kymograph machine /polyrite	By Trust	Yes	-	
17.	Sherrington drum	By Trust	Yes	-	
18.	Perspex bath assembly (single unit)	By trust	Yes	-	
19.	Aerators	Space Lab, Nasik	Yes	-	
20.	Actophotometer	Lucomedicraft	Yes	Yes	
21.	Rota rod	INCO instruments & Chemicals pvt. ltd, Ambala	Yes	-	
22.	Pole climbing apparatus	Lucomedicraft	Yes	-	
23.	Analgesiometer (eddy's hot plate and radiant heat methods)	Lucomedicraft	Yes	-	
24.	Convulsiometer	Lucomedicraft	Yes	Yes	
25.	Plethysmograph	By Trust	Yes	-	
26.	Digital pH meter	VSI Electronics Pvt. Ltd	Yes	-	

27.	Histamine chamber	Lucomedicraft	Yes	Yes	
28.	Metabolic cage	Orchid Scientifics, Nasik	Yes	-	
29.	Dissection tray & boards	Kshitij International Equipments, Ambala	Yes	-	
30.	Stereotaxic apparatus	By Trust	Yes	-	
31.	Digital glucometer	Accucheck	Yes	-	
32.	Folin- wu tubes	By Trust	Yes	-	
33.	Hemostatic artery forceps	By Trust	Yes	-	
34.	Levers, cannula	Sahyadri scientific	Yes	-	

LIST OF EQUIPMENTS: PHARMACOGNOSY DEPARTMENT

Sr. No.	Name	Make/Supplier	SOP	Log Book	Remark
1.	Compound Microscope	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
2.	Projection Microscope	Labomed	Yes	Yes	
3.	Electronic Digital balance	Orchid Scientifics & Innovatives.	Yes	-	
4.	Autoclave	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
5.	Hot air oven	Labline Stock Center, Mumbai	Yes	-	
6.	Refrigerator	Haier	Yes	-	
7.	Zone reader	Kshitij International Equipments, Ambala	Yes	-	
8.	Digital pH Meter	VSI Electronics	Yes	-	
9.	Colorimeter	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
10.	Camera lucida	Punjab sports Dhule	Yes	-	
11.	Stage micrometer	Erma	Yes	-	
12.	Muffle furnace	Kshitij International Equipments, Ambala	Yes	-	
13.	Heating Mantles-Small	Kshitij International Equipments, Ambala	Yes	-	
14.	Vacuum pump	Labline	Yes	-	

15.	Micropipette single & Multi Channeled	Kshitij International Equipments, Ambala	Yes	-	
16.	Micro Centrifuge	Remi Electrotechnic Lmt. Mumbai	Yes	Yes	
17.	Electric water bath	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
18.	Hot plate	Kshitij international equipment	Yes	-	
19.	Mixer grinder	Kohinoor	Yes	-	
20.	UV Cabinet	Sahyadri ltd.	Yes	-	
21.	Water Distillation unit	Kshitij Innovation, Ambala	Yes	-	
22.	Medicinal Plant Chart	Dbios	Yes	-	
23.	Electrophoresis	Orchid Scientifics & Innovative.	Yes	Yes	
24.	Rotary Shaker	Orchid Scientifics & Innovative.	Yes	-	

LIST OF EQUIPMENTS: PHARMACEUTICAL CHEMISTRY DEPARTMENT

Sr. No.	Name	Make	SOP	Log Book	Remark
1.	Refractometer	Shambhavi ltd.	Yes	-	
2.	Polarimeter	Shambhavi ltd.	Yes	-	
3.	Photoelectric colorimeter	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
4.	Electronic balance	Orchid Scientifics & Innovatives.	Yes	-	
5.	Periodic table chart	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
6.	Hot plates	Kshitij Innovation, Ambala	Yes	-	
7.	Oven	Asha Scientific Company, Mumbai	Yes	-	
8.	Refrigerator	Haier	Yes	-	
9.	Analytical Balances for demonstration	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
10.	Digital balance 10mg sensitivity	Orchid Scientifics & Innovatives.	Yes	-	
11.	Suction pumps	Kshitij International Equipments, Ambala	Yes	-	
12.	Muffle Furnace	Kshitij International Equipments, Ambala	Yes	-	

13.	Mechanical Stirrers	Kshitij Innovation, Ambala	Yes	-	
14.	Magnetic Stirrers with Thermostat	Kshitij Innovation, Ambala	Yes	-	
15.	Vacuum Pump	Kshitij Innovation, Ambala	Yes	-	
16.	Digital pH meter	VSI Electronics Pvt. Ltd	Yes	Yes	
17.	Microwave Oven	Vardhman Electronics	Yes	-	
18.	Distillation Unit	Kshitij Innovation, Ambala	Yes	-	
19.	Electronic water bath(12 holes)	Kshitij International Equipments, Ambala	Yes	-	
20.	Copper water bath	Kshitij International Equipments, Ambala	Yes	-	
21.	Colorimeter	Punjab Instruments & Chemicals, Ambala Cantt.	Yes	-	
22.	UV- Visible Spectrophotometer	Toshvin Analytical P.Ltd, Mumbai	Yes	Yes	
23.	Flourimeter	Elico Limited	Yes	-	
24.	Digital Balance (1mg sensitivity)	Orchid scientific	Yes	-	
25.	Nephelo Turbidity meter	VSI Electronics Pvt. Ltd	Yes	-	
26.	Flame Photometer	Orchid scientific	Yes	Yes	
27.	Potentiometer	VSI Electronics Pvt. Ltd	Yes	-	
28.	Conductivity meter	VSI Electronics Pvt. Ltd	Yes	Yes	
29.	HPLC	K.Murali Spincotech, Chennai	Yes	Yes	
30.	Ion- Exchanger	Aquoion	Yes	-	

6.4 Drug Museum (05)

The museum is located on the first floor adjacent to auditorium of the building in which various Drug, Cosmetic, Herbal formulations are displayed. It showcases plant products, surgical products, parenteral products, formulations which include solid, liquid, gaseous dosage forms and cosmetics.

Plant product

Sr. No.	Name of Crude drugs	Part of the Plant	Quality	Labelling
1.	Cumin	Seed	Good	Done
2.	Ajowan	Seed	Good	Done
3.	Coriander	Seed	Good	Done
4.	Fennel	Seed	Good	Done
5.	Isabgol	Seed	Good	Done
6.	Senna	Leaf	Good	Done
7.	Cinnamon	Bark	Good	Done
8.	Amla	Fruit	Good	Done
9.	Gum acacia	Gum	Good	Done
10.	Tragacanth	Gum	Good	Done
11.	Cardamom	Fruit	Good	Done
12.	Ashwagandha	Stem	Good	Done
13.	Rauwolfia	Root	Good	Done
14.	Aconite	Root	Good	Done
15.	Asafoetida	Resin	Good	Done

Surgical dressings

Sr. No.	Name of Product	Quality	Labelling
1.	Syringe	Good	Done
2.	Surgical Rubber Gloves	Good	Done
3.	Infusion Set	Good	Done
4.	Cotton Gauzes	Good	Done
5.	Gauzes	Good	Done

Parenteral products

Sr. No.	Name of Product	Quality	Labelling
1.	I.V. Injections	Good	Done
2.	Saline bottle	Good	Done
3.	Insulin injection	Good	Done

Solid dosage form

Sr. No.	Name of Product	Quality	Labelling
1.	Tablet	Good	Done
2.	Capsule	Good	Done
3.	Powder	Good	Done
4.	Pills	Good	Done

Liquid dosage form

Sr. No.	Name of Product	Quality	Labelling
1.	Syrup	Good	Done
2.	Suspension	Good	Done
3.	Eye Drops	Good	Done
4.	Ear Drops	Good	Done
5.	Lotion	Good	Done
6.	Oral Drops	Good	Done

Semisolid dosage form

Sr. No.	Name of Product	Quality	Labelling
1.	Gel	Good	Done
2.	Balm	Good	Done
3.	Ointment	Good	Done

Gaseous dosage form

Sr. No.	Name of Product	Quality	Labelling
1.	Aerosol	Good	Done
2.	Nasal Spray	Good	Done

Cosmetic Preparations

Sr. No.	Name of Product	Quality	Labelling
1.	Shampoo	Good	Done
2.	Conditioner	Good	Done
3.	Hair Gel	Good	Done
4.	Hair Serum	Good	Done
5.	Toothpaste	Good	Done
6.	Nail Lacquer	Good	Done

7.	Hair Soothing Oil	Good	Done
8.	Nail Art	Good	Done
9.	Foundation	Good	Done
10.	Cream	Good	Done
11.	Sunscreen Cream	Good	Done
12.	Bleaching Cream	Good	Done
13.	Body lotion	Good	Done
14.	Face Powder	Good	Done
15.	Face Wash	Good	Done
16.	Lipstick	Good	Done
17.	Kajal	Good	Done
18.	Anti-per spirant Rollon	Good	Done
19.	Deodorant	Good	Done
20.	Body Wash soap	Good	Done
21.	Hand Wash	Good	Done
22.	Sanitizer	Good	Done

6.5 Medicinal plant Garden (05)

College has well maintained medicinal plant garden. The details are presented below

Significant criteria for maintenance of the medicinal plant garden

Criteria	Availability
Area of Medicinal plant Garden	220 sq. m
Is the boundary of the garden properly demarcated?	Yes
Does the overall look of the garden give an impression of a temporary or a permanent arrangement	Permanent Arrangement
Is sufficient water supply is available?	Yes
Is the plant density proper?	Yes

Types, varieties and number of plants, available in the garden

Sr. No	Name of plant	Botanical name	Family	Use
1.	Rauwolfia	<i>Rauwolfia serpentina</i>	Apocyanacea	CNS depressant
2.	Turmeric	<i>Curcuma longa</i>	Zingiberaceae	Antiseptic
3.	Clove	<i>Eugenia caryophyllus</i>	Myrtaceae	Carminative
4.	Ritha	<i>Saindus mukorossi</i>	Sapindaceae	Cleanser

5.	Arjuna	<i>Terminalia arjuna</i>	Combritaceae	Cardiotonics
6.	Gymnema	<i>Gymnema sylvester</i>	Asclepiadaceae	Antidiabetic
7.	Henna	<i>Lawsonia innermis</i>	Lythraceae	Cosmetic
8.	Guggul	<i>Commiphora weightii</i>	Burseaceae	Anti-inflammatory
9.	Sandal wood	<i>Santalum album</i>	Santalaceae	Perfume
10.	Catechu	<i>Acacia catechu</i>	Leguminosae	Astringent
11.	Nagarmotha	<i>Cyperus scariosus</i>	Cyperaceae	Antipyretic
12.	Ashwagandha	<i>Whitmanian somnifera</i>	Solanaceae	Hypotensive
13.	Aloe	<i>Aloe barbadensis</i>	Liliaceae	Irritant purgative
14.	Vinca	<i>Cathranthus roseus</i>	Apocyanacea	Antineoplastic
15.	Vasaka	<i>Adhatoda vasica</i>	Acanthaceae	Bronchodilator
16.	Liquorice	<i>Glycyrrhiza glabra</i>	Leguminosae	Demulcent
17.	Ephedra	<i>Ephedra gerardiana</i>	Ephedracea	Anti-Asthmatic
18.	Neem	<i>Azadiracta indica</i>	Meliaceace	Ani-viral
19.	Sesame	<i>Sesamum indicum</i>	Pedaliaceae	Ani-diabetic
20.	Cotton	<i>Gossypium herbaceum</i>	Malvaceae	Surgical Dressings
21.	Psorelia	<i>Psoralea corylifolia</i>	Fabeaceae	Kidney tonic
22.	Punernava	<i>Boerhaavia difussa</i>	Nyctagenaceae	Diuretic
23.	Vanilla	<i>Vanilla planifolia</i>	Orchidaceae	Flavour
24.	Vetiver	<i>Chrysopogon zizanioides</i>	Poaceae	Aroma therapy
25.	Lobelia	<i>Lobelia cardinalis</i>	Campanulaceae	Heart disease
26.	Ginger	<i>Zingiber officinale</i>	Zingiberaceae	Carminative
27.	Senna	<i>Cassia angustifolia</i>	Leguminosae	Laxatives
28.	Brahmi	<i>Bacopa monnieir</i>	Plantaginaceae	Anti-Epileptic
29.	Mentha	<i>Mentha spicata</i>	Lamiaceae	Aromatic
30.	Caraway	<i>Carum carvi</i>	Apiaceae	Fragrance
31.	Momardica	<i>Momardica charantia</i>	Cucurbitaceae	Anti-viral
32.	Palmarosa	<i>Cymbopogon martinii</i>	Poaceae	Anti-fungal
33.	Lemon grass	<i>Cymbopogon citrates</i>	Graminae	Flavor
34.	Diascoria	<i>Dioscorea deltoida</i>	Dioscoreaceae	Anti-arthritis
35.	Dhatura	<i>Datura metel</i>	Solanaceae	CNS depressant

36.	Basil	<i>Ossimum basilicum</i>	Lamiaceae	Nutrient
37.	Safed musli	<i>Chlorophytum borivilianum</i>	Aspergaceae	Health tonic
38.	Black pepper	<i>Piper nigrum</i>	Piparaceae	Carminative
39.	Kalmegh	<i>Andrograpis peniculata</i>	Acanthaceae	Anti-infective
40.	Nux-vomica	<i>Strychnus Nux-Vomica</i>	Loganiaeae	Stomachic
41.	Ashoka	<i>Saraca indica</i>	Fabiaceae	Uterine tonic
42.	Tamarind	<i>Tamarindus indica</i>	Fabiaceae	Appetizer

6.6 Non-teaching Support (20)

6.6.1. Availability of adequate and qualified technical supporting staff for program specific laboratories

List of administrative staff (2018-19)

Name of technical staff	Designation	Date of joining	Qualification		Responsibility
			At Joining	Now	
Aejaz Quazi	Registrar	01/08/2006	B.A.	B.Ed.	Administrative work
Mausim Khatik	Accountant	19/06/2015	MBA	MBA	Accountant
Tausif Ghanchi	Clerk	01/12/2013	EE	EE	Administrative work
Karim Pathan	Clerk	10/10/2012	COPA	COPA	Administrative work
Irfan Shaikh	Clerk	01/01/2011	COPA	COPA	Office
Bilal Pathan	Peon	11/09/2017	COPA	COPA	Office Cleaning

List of non-teaching staff (2018-19)

Name of technical staff	Designation	Date of joining	Qualification		Responsibility
			At Joining	Now	
Said Shaikh	Librarian	01/08/2006	B. Lib.	M. Lib.	Librarian
Mohsin Khan Pathan	Library Attender	14/08/2010	MSCIT	B.A.	Library work
Asrar Ahemad Makrani	Lab Technician	07/09/2014	B.SC.	B.SC.	Preparation of chemicals, Lab maintenance, etc.
Qazi Shahrukh Farukh	Lab Technician	07/09/2014	D.Pharm	D.Pharm	

Sameer Shaikh	Lab Technician	10/01/2019	B.Sc.	B.Sc.	
Javed Shaikh	Lab Technician	01/09/2009	B.Sc.	B.Sc.	
Sohel Teli	Store person	01/08/2006	B.A.	M.A.	Store incharge
Akshay Naik	Lab Attender	01/08/2013	SSC	SSC	Lab cleaning
Ayaz Shaikh	Lab Attender	01/08/2014	SSC	SSC	Lab cleaning
Sarfaraz Pathan	Lab Attender	01/08/2006	SSC	SSC	Lab cleaning
Pathan Jumman	Lab Attender	15/06/2011	SSC	SSC	Lab cleaning
Ibrahim Kharodiya	Lab Attender	01/08/2006	SSC	SSC	Machine room & instrument room cleaning
Arif Pathan	Lab Attender	01/06/2007	SSC	SSC	Cleaning and maintenance of Principal office
Saddam Pathan	Peon	25/06/2014	SSC	SSC	Commuter room, faculty room cleaning
Wasim Ghanchi	Peon	26/06/2014	SSC	SSC	Classroom cleaning
Bhupen Dra Valvi	Peon	01/11/2016	SSC	SSC	Classroom cleaning
Sayra Bano Makrani	Sweeper	01/08/2006	Seventh	Seventh	Cleaner
Sakina Bano Makarani	Sweeper	01/08/2006	Seventh	Seventh	Cleaner
Karima Bano	Sweeper	01/08/2006	Seventh	Seventh	Cleaner
Shamim Bano Makarani	Sweeper	01/08/2006	Seventh	Seventh	Cleaner
Abdul Raheman Shaikh	Gardner	01/08/2006	Seventh	Seventh	Gardner
Kiran damre	Peon	02/08/2015	Seventh	Seventh	Cleaner

6.6.2. Incentives, skill upgrade, and professional advancement

For skill upgradation and professional advancement of the Non-Teaching staff, the guideline is provided by head of the each departments regarding job profile to the newly joined lab technician at the time of joining. For skill upgradation and professional advancement, college also conducted various seminars, demonstrations and training sessions as follows:

Year	Date	Title
2018-19	10/02/2019	Seminar and workshop on “Service protocols”.
2017-18	08/04/2018	Workshop on “Handling of Laboratory Analytical instruments”.
2016-17	05/03/2017	Workshop on “Laboratory Safety”.

CRITERION 7	Governance, Institutional support and Financial Resources	100
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7.1 Improvement in Success Index of Students without the backlog (15)

Items	LYG (2017-2018)	LYGm1 (2016-2017)	LYGm2 (2015-2016)
Success index (From 4.2.1)	0.26	0.33	00

*SI= (Number of students who graduated from the program without backlog) / (Number of students admitted in the first year of that batch and admitted in 2nd year via lateral entry)
Assessment shall be based on improvement trends in success indices. Marks are awarded accordingly.*

7.2. Improvement in Placement and Higher Studies (15)

Assessment is based on improvement in:

- *Placement: number, quality placement, core industry, pay packages etc.*
- *Higher studies: performance in GPAT etc., and admissions in premier institutions*

Items	LYG (2017-2018)	LYGm1 (2016-2017)	LYGm2 (2015-2016)
Placement index (From 4.7)	0.70	0.94	0.83

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

Academic Performance Index = ((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 Index	CAYm1 (2017-2018)	CAYm2 (2016-2017)	CAYm3 (2015-2016)
Mean of CGPA or Percentage of all successful the students (X)	6.41	6.72	6.64
Total no. of successful students (Y)	49	43	51
Total no. of students appeared in the examination (Z)	56	47	54
API = X*Y/Z	5.61	6.15	6.27

7.4. Improvement in the quality of students admitted to the program (15)

Assessment is based on improvement in terms of ranks/score in qualifying state level/national level entrances tests, percentage marks in Physics, Chemistry and Mathematics in 12th Standard and percentage marks of the lateral entry students.

Item		CAY (2018-2019)	CAYm1 (2017-2018)	CAYm2 (2016-2017)
National Level Entrance Examination (Name of the Entrance Examination)	No. of students admitted	NA	NA	NA
	Opening Score / Rank	NA	NA	NA
	Closing Score / Rank	NA	NA	NA
State Level Entrance Examination (MHT-CET)	No. of students admitted	60	56	60
	Opening Score / Rank	104	95	100
	Closing Score / Rank	20	41	42
Second year Diploma Examination (Entrance Examination For Lateral Entry or Lateral Entry Details)	No. of students admitted	15	9	11
	Opening Score / Rank	77.70	88.5	69.9
	Closing Score / Rank	52.9	71.4	51.2
Average CBSE / Maharashtra State Board Result of admitted students (Physics, Chemistry & Maths)		188.32	175.39	168.85

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

Based on the analysis of evaluation of POs attainment levels, the areas of weaknesses in the program were recognized. Measures identified and applied to improve POs attainment levels for the assessment years.

Actions to be written as per table in

Examples of analysis and proposed action

Sample 1-Course outcomes for a laboratory course in Pharmaceutical analysis did not measure up, as some of the laboratory instruments are not calibrated, standardized and not optimally used, as there was no laboratory work involving the use of HPLC and UV-visible spectrophotometer.

Action taken-The practical work in Pharmaceutical analysis has been upgraded by inclusion of analytical experiments involving the use of HPLC and UV-Visible spectrophotometer with the help of SOPs generated.

Sample 2-In a course on Pharmaceutics theory, student performance has been consistently low with respect to some COs as analysis of answer scripts and discussions with the students revealed that this could be attributed to a weaker course and its delivery on GMP, GLP and Drug Regulatory Affairs.

Action taken-The theory course in Pharmaceutics and its delivery has been strengthened by including specific topics on quality control and quality assurance taught by experts drawn from Industry, Academia and Drug Regulatory Authorities.

Sample 3-In a course of Bio-pharmaceutics theory and practicals, the students' performance has been low with respect to attainment of some COs as it was revealed that theory and practical component in physical pharmacy is weak and contributed to poor basic concepts and their applications in higher classes.

Action taken- Extra classes were arranged for the students on the emphasis of the basic concepts in physico-chemical properties like PKA, Partition Coefficient, Biopharmaceutical Classification System (BCS) and other terms.

If percent achievement > 75% = High

If percent achievement 70-75 % = medium

If percent achievement <70% = Low

POs Attainment Levels and Actions for improvement –CAY (2017-18)

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11
Target	2.5	2.29	2.34	1.78	1.37	1.96	1.52	1.49	2.06	1.81	2.75
Attainment	2.57	2.07	2.07	1.74	1.44	1.84	1.6	1.5	1.93	1.76	2.39
% achievement	102.8	90.39	88.46	97.75	105.11	93.88	105.26	100.67	93.69	97.24	86.91

POs	Target Level	Attainment Level	Observations
PO1: Pharmacy Knowledge:			Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and

manufacturing practices.

PO1	2.5	2.57	High
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Action1:
Action N:

PO2: Planning Abilities: Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.

PO2	2.29	2.07	High
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Action1:
Action N:

PO3: Problem analysis: Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible

PO3	2.34	2.07	high
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Action1:
Action N:

PO4: Modern tool usage: Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.

PO4	1.78	1.74	high
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Action1:
Action N:

PO5: Leadership skills: Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.

PO5	1.37	1.44	high
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Action1:
ActionN:

PO6: Professional Identity: Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).

PO6	1.96	1.84	high
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Action1:

Action N:

PO7: Pharmaceutical Ethics: Honor personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.

PO7	1.52	1.6	high
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Action1:

Action N:

PO8: Communication: Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.

PO8	1.49	1.5	high
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Action1:

Action N:

PO9: The Pharmacist and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.

PO9	2.06	1.93	High
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Action1:

Action N:

PO10: Environment and sustainability: Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO10	1.81	1.76	high
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Action1:

Action N:

PO11: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an on-going basis.

PO11	2.75	2.39	high
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Action1:

Action N:

POs Attainment Levels and Actions for improvement –CAY (2016-17)

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11
Target	2.79	2.3	2.27	1.69	1.32	1.95	1.57	1.5	2.05	1.81	2.76
Attainment	2.74	2.2	2.18	1.74	1.51	1.95	1.66	1.57	1.63	1.8	2.55
% achievement	98.21	95.65	96.04	102.96	114.39	100.00	105.73	104.67	79.51	99.45	92.39

POs	Target Level	Attainment Level	Observations
PO1: Pharmacy Knowledge: Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.			
PO1	2.79	2.74	High
Action1:			
Action N:			

PO2: Planning Abilities: Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.

PO2	2.30	2.2	High
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Action1:

Action N:

PO3: Problem analysis: Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible

PO3	2.27	2.18	high
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Action1:**Action N:**

PO4: Modern tool usage: Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.

PO4	1.69	1.74	high
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Action1:**Action N:**

PO5: Leadership skills: Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.

PO5	1.32	1.51	high
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Action1:**Action N:**

PO6: Professional Identity: Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).

PO6	1.95	1.95	high
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Action1:**Action N:**

PO7: Pharmaceutical Ethics: Honor personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.

PO7	1.57	1.66	high
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Action1:**Action N:**

PO8: Communication: Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make

effective presentations and documentation, and give and receive clear instructions.

PO8	1.50	1.57	high
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Action1:

Action N:

PO9: The Pharmacist and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.

PO9	2.05	1.63	High
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Action1:

Action N:

PO10: Environment and sustainability: Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO10	1.81	1.8	high
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Action1:

Action N:

PO11: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an on-going basis.

PO11	2.76	2.55	high
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Action1:

Action N:

POs Attainment Levels and Actions for improvement –CAY (2015-16)

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11
Target	2.79	2.3	2.27	1.69	1.32	1.95	1.57	1.5	2.05	1.81	2.76
Attainment	2.81	2.29	2.19	1.77	1.49	1.98	1.64	1.65	2.04	1.89	2.63
% achievement	100.72	99.57	96.48	104.73	112.88	101.54	104.46	110.00	99.51	104.42	95.29

PO1: Pharmacy Knowledge: Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.

PO1	2.79	2.81	High
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Action1:

Action N:

PO2: Planning Abilities: Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.

PO2	2.30	2.29	High
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Action1:

Action N:

PO3: Problem analysis: Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible

PO3	2.27	2.19	high
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Action1:

Action N:

PO4: Modern tool usage: Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.

PO4	1.69	1.77	high
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Action1:

Action N:

PO5: Leadership skills: Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.

PO5	1.32	1.49	high
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Action1:

Action N:

PO6: Professional Identity: Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).

PO6	1.95	1.98	high
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Action1:

Action N:

PO7: Pharmaceutical Ethics: Honor personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.
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PO7	1.57	1.64	high
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Action1:

Action N:

PO8: Communication: Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.

PO8	1.50	1.65	high
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Action1:

Action N:

PO9: The Pharmacist and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.
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PO9	2.05	2.04	high
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Action1:

Action N:

PO10: Environment and sustainability: Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO10	1.81	1.89	high
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Action1:

Action N:

PO11: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an on-going basis.

PO11	2.76	2.63	high
Action1:			
Action N:			

CRITERION 8	Student Support Systems	50
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8.1. Mentoring system to help at individual levels (5)

Type of mentoring: Professional guidance / career advancement / course work specific /laboratory specific / all-round development Number of faculty mentors: Number of students per mentor: Frequency of meeting:

(Details of the mentoring system that has been developed for the students for various purposes and also states the efficacy of such system)

- A team of staff Counselor closely monitors the individual program of each student (~20 students are attached to a Staff /Counselor and this counselor meets students once in a month. Takes note of their attendance and progress information to the Head / Principal. In moderate uses the Head / Principal Counsel students. Also informs their parents.
- Monitoring and supporting done from entry to progression after the college
- For every semester and section wise class teachers are taking the follow up for daily student attendance and counselor weekly once.

✓ **Class Teacher:**

- Dr. Quazi Majaz (F. Y. B. Pharm)
- Mr. Ashish khairnar (S.Y B. Pharm)
- Dr. Aejaz Ahmed (T.Y. B. Pharm)
- Mr. Hasib Ahmed (Final Year B. Pharm)

- Following issues are discussed with students:

1. Attendance
2. Economic status
3. Behavior
4. Personal study time table
5. Study pattern
6. Extra hobby classes etc.
7. Travelling details and difficulties

8. Difficulty in writing / speech
9. Confidence level
10. Ragging
11. Hostel / Food issues
12. Women related issues
13. In case of any other observations, it is noted and discussed.
14. Students are motivated to participate in co-curricular and extra-curricular activities.

Students Support and Guidance

- Students assigned with a counselor whose role it is to be a point of contact for advice and guidance.
- They will listen; advise and where appropriate refer them to the higher authorities.
- They promote reflection upon and support for the students' academic development while they are on their course.
- Promote other activities and experimenting related to the career and personal development of their students
- Provide advice on careers.
- Help first your students to settle down in their courses.
- Maintain regular contact with their counselor through group meetings and other communications.
- Students requiring additional help are recorded to ensure that their progress is monitored and help after ready. Careers and Employment Activity Career services help students for appointment, conduction of workshops, conferences and other events to help students meet their career path.
- Parent's-Teacher meeting is held once in each year, this has improved student's academic performance & attendance.

Table: staff name and number of students per mentor/staff year wise.**Academic year (2016-2017)**

Year	Staff Name	Student allotted
First year B Pharm.	Dr. Quazi Majaz	Group A
	Prof. Saqib Usmani	Group B
	Prof. Shaifi Mulani	Group C
Second year B Pharm.	Prof. Khalifa Aasif	Group A
	Prof. Asir Quazi	Group B
	Prof. Ashish Khairnar	Group C
Third year B Pharm.	Dr. Aejaz Ahmed	Group A
	Prof. Pravin Gomase	Group B
	Prof. Rehan Deshmukh	Group C
Final year B Pharm.	Prof. Hasib Ahmed	Group A
	Dr. Siraj Shailkh	Group B
	Prof. Patel Siddik	Group C

Academic year (2017-2018)

Year	Staff Name	Student allotted
First year B Pharm.	Dr. Quazi Majaz	Group A
	Prof. Saqib Usmani	Group B
	Prof. Shaifi Mulani	Group C
Second year B Pharm.	Prof. Khalifa Aasif	Group A
	Prof. Asir Quazi	Group B
	Prof. Ashish Khairnar	Group C
Third year B Pharm.	Dr. Aejaz Ahmed	Group A
	Prof. Pravin Gomase	Group B
	Prof. Rehan Deshmukh	Group C
Final year B Pharm.	Prof. Hasib Ahmed	Group A
	Dr. Siraj Shailkh	Group B
	Prof. Patel Siddik	Group C

Academic year (2018-2019)

Year	Staff Name	Student allotted
First year B Pharm.	Dr. Quazi Majaz	Group A
	Prof. Saqib Usmani	Group B
	Prof. Shaifi Mulani	Group C
Second year B Pharm.	Prof. Khalifa Aasif	Group A
	Prof. Asir Quazi	Group B
	Prof. Ashish Khairnar	Group C
	Prof. Abuzar Khan	Group D
Third year B Pharm.	Dr. Aejaz Ahmed	Group A
	Prof. Pravin Gomase	Group B
	Prof. Rehan Deshmukh	Group C
Final year B Pharm.	Prof. Hasib Ahmed	Group A
	Dr. Siraj Shailkh	Group B
	Prof. Patel Siddik	Group C

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

(The institution needs to design an effective feedback questionnaire. It needs to justify that the feedback mechanism developed by the institution really helps to evaluate teaching, and finally, contributes to the quality of teaching and ensure attainment of set levels for each PO)

Method followed for students' feedback**Preliminary feedback**

- This is taken within 4 weeks of commencement of first semester so as to assess the compatibility between students with College and staff.
- The suggestions/complaints/appreciations from the students are discussed with the concerned teacher and HODs.

Main feedback

- This is taken one week before the end of each semester in the questionnaire format.
- The feedback is analyzed and a report is generated for each faculty for every subject.
- In case, if the feedback is poor, respective teachers are counseled by the HOD, senior staff member of the department and Principal.

- The Main feedback is used for selecting the teacher for “BEST TEACHER AWARD”. (60% weightage is given to students’ final feedback)
- As a corrective measure against possible prejudices, 10% of worst opinions are not considered while analyzing the feedback.

Method followed for collection of feedback

- Students’ feedback format was devised after a number of discussions with the faculty and undergoes modifications as and when required.
- All students of each class are given an opportunity to express their opinion with regards to effectiveness in teaching by a teacher, which are detailed in the feedback format.
- The opinions of students are taken at the end of each semester which helps the institute to take corrective measures at an early stage in the next semester.

Actions taken:

The following actions are taken on basis of the feedback collected.

Commendatory actions

- Best teacher award.
- Letters of appreciation for faculty members receiving more than 90% in their feedback.

Corrective actions

- Teachers receiving between 50-60 % in their feedback would be counselled.
- Strict action would be taken against teachers with less than 50% in their feedback.

Table: Feedback analysis and reward /corrective measures taken

Item	Response
Feedback collected for all courses	YES
Specify the feedback collection process	A standard feedback questionnaire is collected from the students after every semester class wise
Percentage of students who participated	All (100%)
Specify the feedback analysis process	Using % grade score feedback from student is evaluated
Rewards on the basis of feedback	Five per year
Corrective measure taken last three years	NIL

8.3. Feedback on facilities (5)

Assessment is based on feedback collection, analysis and corrective action taken in respect of library, computing facilities, canteen, sports etc.

The institute collects feedback on facilities from students of each class at every end of each semester. The students are requested to fill the feedback form before they attain final exam. The data is collected and processed. The data is used to implement any corrective or preventive action to rectify any deficiencies.

8.4. Self-Learning (5)

(Specify the facilities, materials and scope for self-learning / learning beyond syllabus and creation of facilities for self-learning / learning beyond syllabus)

- Value added lab sessions beyond syllabus are conducted to expose the students to software trends not included in their curriculum. Hobby lab enables students to do something on their own, test them- know by doing.

8.4.1 Programs organized towards Self Learning.**8.4.1.1 Industrial visits for final year students.**

Academic year	2017-18	2016-17	2015-16
Industrial Visits	1	1	1

Table: Industrial visit details for final year students

Assessment Year 2017-2018			
Sr. No	Name of Company	Name of Faculty	Date
1.	Ferbe Firma Pharma Pvt. Ltd Ankleshwar	Dr.Siraj Shaikh, Dr. Quazi Majaz, Mr. Patel Siddik Mr. MdHaseeb Ahmed	10/10/2017
Assessment Year 2016-2017			
Sr. No	Name of Company	Name of Faculty	Date
1.	J.B Chemicals and Pharmaceuticals Ankleshwar	Dr. G. J. Khan, Dr. Siraj Shaikh Dr. Aeja Ahmed	01/03/2016

Assessment Year 2015-2016			
Sr. No	Name of Company	Name of Faculty	Date
1.	Shree industrial training and research Lab.	Dr. Shaikh siraj	15-06-2015

8.4.1.2 Technical talks, Guest lectures, symposia/conference for students

Table: Details of guest lecturers symposia/conference organized

Sr. No	Topic	Guest name and address	Date
1.	Women personality development program (KBC, NMU sponsored)	Dr. S B Patil, Student development officer, Nandurbar	03/10/2018
2.	Women's Self Defence (KBC, NMU sponsored)	Trainer- Mrs. Varsha Rahase, Taloda	24-09-2018 to 01-10-2018
3.	Various Pharmaceutical application of design expert software	Dr. Ketan Ranch, Maliba College of Pharmacy, Bardoli	25/05/2018
4.	Liposomes as drug carrier	Prof. R S Radke, Dept of Pharmaceutics, SGSPS Institute of Pharmacy, Akola	24/05/2018
5.	Mock MHT-CET 2018	Khalifa M. Asif Y, Ali-Allana college of pharmacy, Akkalkuwa	01/02/2018
6.	Employment and Business Guidance workshop (NMU sponsored)	Prof. Manda A Gavit, Student development officer, Nandurbar	23 & 24/01/2018
7.	Reunion-2018 Industry Institute Interaction	AmritB Karmarkar, Director, Inclination, Mumbai	14 & 15/09/2018
8.	Career launch pad to regulatory affair in global India	Amrit B Karmarkar, Director, Inclination, Mumbai	13/02/2017
9.	Mock MHT-CET 2017	Khalifa M. Asif Y, Ali-Allana college of pharmacy, Akkalkuwa	05/03/2017
10.	National Pharmacovigilance: Are we using good drugs or bad drugs	Amrit B Karmarkar, Director, Inclination, Mumbai	12/01/2016
11.	Industry & Academic perspective of regulatory affairs	Amrit B Karmarkar, Director, Inclination, Mumbai	10/02/2015

12.	National level Intercollegiate general knowledge exam	Bharti Vidyapeeth University	07/01/2016
13.	Mock MHT-CET 2016	Khalifa M. Asif Y, Ali-Allana college of pharmacy, Akkalkuwa	07/03/2016

Staff members of our college also conducted extra classes for GPAT preparation.

8.4.2. Learning contents beyond syllabus in library.

Table: Details of learning contents beyond syllabus in library

A. List of International Journals (2019)	
Sr. No.	Name of Journals
1.	Inventi Impact Pharma Tech
2.	Inventi Impact Molecular Pharmacology
3.	Inventi Impact Ethno pharmacology
4.	Inventi Impact NDDS
5.	Inventi Impact Pharma Analysis & Quality Assurance
6.	International Journal of Green Pharmacy
B. List of National Journals	
1.	Research Journal of Pharmacy and Technology
2.	Journal of Pharmaceutical Research (JPR)
3.	Indian Journal of Pharmaceutical Science
4.	Indian Journal of Pharmacology
5.	Drug Today
6.	Indian Journal of Pharmaceutical Education & Research(IJPER)
7.	Journal of Hospital Pharmacy
8.	Pharma Bio-World
9.	Indian Journal of Biotechnology
10.	Indian Journal of Experimental Biology
11.	Indian Journal of Traditional Knowledge
12.	Indian Drugs
13.	MIMS India
14.	CIMS

15	Phytopharm
16.	The Pharma Review
17.	Express Pharma
18.	University News
19.	APTI Bulletins
20.	Indian Journal of Chemistry- A
21.	Indian Journal of Chemistry- B
22.	Medicinal & Aromatic Plants Abstract
23.	Indian Journal of Heterocyclic Chemistry
24.	Indian Journal of Pharmacy Practice
25.	Current Science
26.	Journal of Bioscience
27.	Journal of Genetics
28.	Indian Journal of Hospital Pharmacy
29.	Pharma Times
30	Indian Journal of Natural Product & Resource
C. Magazine	
1.	Science Reporter
2.	Health Action
3.	Chemistry Today
4.	Competition of Success Review/English
5.	Competition of Success Review / Hindi
6.	Careers 360
7.	Pratiyogita Darpan
D. E Journals	
1.	DELNET (e-Journals)
2.	INVENTI (e-Journals)
3	J-Gate (e-Journals JEIMS)

A. List of International Journals (2018)	
Sr. No.	Name of Journals
1.	Inventi Impact Pharma Tech
2.	Inventi Impact Molecular Pharmacology
3.	Inventi Impact Ethno pharmacology
4.	Inventi Impact NDDS
5.	Inventi Impact Pharma Analysis & Quality Assurance
B. List of National Journals	
1.	Research Journal of Pharmacy and Technology
2.	Journal of Pharmaceutical Research (JPR)
3.	Indian Journal of Pharmaceutical Science
4.	Indian Journal of Pharmacology
5.	Indian Journal of Pharmacy and Pharmacology
6.	Drug Today
7.	Indian Journal of Pharmaceutical Education & Research(IJPER)
8.	Journal of Hospital Pharmacy
9.	Pharma Bio-World
10.	Indian Journal of Biotechnology
11.	Indian Journal of Experimental Biology
12.	Indian Journal of Traditional Knowledge
13.	Indian Drugs
14.	MIMS India
15.	CIMS
16.	Phytopharm
17.	The Pharma Review
18.	Express Pharma
19.	University News
20.	APTI Bulletins
21.	Indian Journal of Chemistry- A
22.	Indian Journal of Chemistry- B
23.	Medicinal & Aromatic Plants Abstract

24.	Indian Journal of Natural Product & Resource
25.	Indian Journal of Heterocyclic Chemistry
26.	Indian Journal of Pharmacy Practic
27	Current Science
28	Journal of Bioscience
29	Journal of Genetics
30.	Indian Journal of Hospital Pharmacy
31.	Pharma Times
C. List of Magazine	
1.	Science Reporter
2.	Health Action
3.	Chemistry Today
4.	Competition of Success Review/English
5.	Competition of Success Review/Hindi
6.	Careers 360
7.	Pratiyogita Darpan
8.	Spardha Pariksha
9.	General Knowledge
D. E-Journals	
1	Delnet
2	Inventi e-journals
3.	Innovative
4.	J-Gate

A. List of International Journals (2017)

Sr.No.	Name of Journals
1.	International Journal of Pharmaceutical Research
2	Inventi Impact Pharma Tech
3	Inventi Impact Molecular Pharmacology
4	Inventi Impact Ethno pharmacology
5.	Inventi Impact NDDS

5.	Inventi Impact Pharma Analysis & Quality Assurance
B. List of National Journals	
1.	Research Journal of Pharmacy and Technology
2.	Journal of Pharmaceutical Research (JPR)
3.	Indian Journal of Pharmaceutical Science
4.	Indian Journal of Pharmacology
5.	Indian Journal of Pharmacy and Pharmacology
6.	Drug Today
7.	Indian Journal of Pharmaceutical Education & Research(IJPER)
8.	Journal of Hospital Pharmacy
9.	Pharma Bio-World
10.	Indian Journal of Biotechnology
11.	Indian Journal of Experimental Biology
12.	Indian Journal of Traditional Knowledge
13.	Indian Drugs
14.	MIMS India
15.	CIMS
16.	Phytopharm
17.	The Pharma Review
18.	Express Pharma
19.	University News
20.	APTI Bulletins
21.	Indian Journal of Chemistry- A
22.	Indian Journal of Chemistry- B
23.	Medicinal & Aromatic Plants Abstract
24.	Indian Journal of Natural Product & Resource
25.	Indian Journal of Heterocyclic Chemistry
26.	Indian Journal of Pharmacy Practice
27.	Current Science
28.	Journal of Bioscience
29.	Journal of Genetics

30.	Indian Journal of Hospital Pharmacy
C. List of Magazine	
1.	Science Reporter
2.	Health Action
3.	Chemistry Today
4.	Competition of Success Review/English
5.	Competition of Success Review/Hindi
6.	Careers 360
7.	Pratiyogita Darpan
D. E-Journals	
1	Delnet (56)
2	Inventi e-journals (20)
3.	Innovative (195)
4.	J-Gate (e-journals)

- Internet facilities are provided.
- Learning material from Internet – students are encouraged to do exercises.
- Labs are open to students to experiment on their ideas
- Internet facility provides learning of subjects not necessary in the curriculum.
- Social service field work offers service learning opportunities to students
- Literature on professional ethics, personality development, even, English literature is asked to read from the Internet.

Table: Details of Seminars, Workshops, Quiz Contest, Conference attended by all year students.

Name of the Event	Year 2017-18	Year 2016-17	Year 2015-16
Seminars, Workshops, Quiz, Contest, Conference	143	113	206

8.5. Career Guidance, Training, Placement (10)

(Specify the facility, its management and its effectiveness for career guidance including Counseling for higher studies, campus placement support, industry Interaction for training/internship/placement, etc.)

Facility:

- The Campus Training and Placement Cell undertake activities in this regard.
- Experienced industry professionals in the respective domain of job profiles are invited for guest lectures.
- Through these activities, the students are made aware of the opportunities in various fields along with the required job profile. At the same time, they get a chance to interact with these industry professionals to take advantage of their experience in respective field of expertise.

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 counseled for taking up higher studies in India as well as abroad.

Effectiveness:

- These measures have proven to be effective as it is evident that the numbers of reputed Pharma companies visiting our campus have increased significantly over past three years.

Table: Career Guidance, Training and Placement cell

Sr. No.	Name	Designation	Remark
1	Dr. G. J. Khan	Principal	Chairman
2	Dr. Shaikh Siraj	Asso. Prof.	Secretary
4	Dr. Aejaz Ahmed	Asso. Prof.	Member
5	Mr. Mohammed Hasib Ahmed	Asst. Prof.	Member

8.6. Entrepreneurship Cell (5)

(Describe the facility, its management and its effectiveness in encouraging entrepreneurship and incubation)

The Entrepreneurship Development Cell aims to improve and generate a culture of innovation and development of entrepreneurial spirit amongst the students and budding entrepreneurs and start their own enterprise.

Facility:

- The Entrepreneurship Cell is attached with the training & placement cell. All the members of the training and placement cells are available throughout the day for the students to help them regarding starting up their own business venture. The activities are not just limited to the current students but even the alumni are encouraged to take benefits of the services offered by the cell.

Training:

- The students are exposed to different seminars, workshops and interactive sessions to make them a perfect entrepreneur.

Table: Entrepreneurship cell

Sr. No.	Name	Designation	Remark
1	Dr. G J Khan	Principal	Chairman
2	Dr. Shaikh Siraj	Asso. Prof.	Secretary
4	Dr. Aejaz Ahmed	Asso. Prof.	Member
5	Mr. Mohammed Hasib Ahmed	Asst Prof.	Member

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

(Specify the co-curricular and extra-curricular activities)

Apart from the academic activities, the students are also involved in various extra-curricular and co - curricular activities organized at Inter-Collegiate as well as Intra-collegiate level. Student council committee is in-charge for organizing, co-coordinating and conduction of all these activities.

To encourage students to participate in various levels of competitions such as Zonal level, by paying the registration / entry fee, Providing TA/DA, Providing apparel, medical kits, etc.

The following facilities have been developed and maintained for the students:

- A multi-purpose ground for outdoor events like Football, Cricket, Volleyball, Kabaddi, Kho-Kho, Badminton etc.
- For indoor sports like carom and chess. The college has 02 carom boards, and 1 chess boards.

Sports committee:

Sr. No.	Name	Designation	Remark
1	Dr. G J Khan	Principal	Chairman
2	Mr. Quazi Asir	Asst Prof.	Secretary
3	Mr. Ashish Khairnar	Asst. Prof.	Member
4	Mr. Quazi Junaid	Physical Director	Member
5	Mr. Mohd Haseeb M	Asst. Prof.	Member
6	Mr. Mohd Danish	Student	Boys Representative
7	Miss. Randera Jainab	Student	Girls Representative

Sports

Schedule for Sports week	
Academic year	Date
2017-18	26/12/2017 to 31/12/2017
2016-17	26/12/2016 to 01/01/2017
2015-16	14/12/2015 to 19/12/2015

Following games were organized

1. Cricket
2. Soccer
3. Volley Ball
4. Badminton Single
5. Badminton Double
6. Carom Single
7. Carom Double
8. Chess
9. Arm wrestling
10. Long jump
11. Rope Pulling
12. Running

Other then, sports

Sr. No.	Activity	Coordination	Date
1.	Republic Day	All students and staff	26 th January (Every Year)
2.	Independence Day Celebration	All students and staff	15 th August(Every Year)
3.	Pharmacist Day Celebration	All students and staff	25 th Sep (Every Year)
4.	Tree Plantation	All students and staff	26 th January / 15 th August
5.	Yuvarang	NMU University	Every Year
6.	Swach Bharat Abhiyan	All students and staff	Every Year
7.	Fresher Party	All students	Every Year
8.	Farewell and Cultural	All students	Every Year

CRITERION 9	Governance, Institutional support and Financial Resources	100
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9. Governance, Institutional support and Financial Resources

9.1.1 Constitution of the Governing Body:

(List the governing, senate, and all other academic and administrative bodies; their memberships, functions, and responsibilities; frequency of the meetings; and attendance therein, participation of external members in a tabular form. A few sample minutes of the meetings and action-taken reports should be annexed.)

The published rules, policies and procedures; year of publication and its implementation shall be listed. Also state the extent of awareness among the employees/students

The governing body of an Institution shall have equal representation from the Society/ Trust on the one hand and the Government, Council and Affiliating Body on the other hand. The Principal of the Institution shall be the Member-Secretary of the Governing Body. The constitution is so prescribed that the collective wisdom of the members of the society, Government officials, officials of the affiliating body and the expert members is available for smooth running of the institution. The Governing Body constitutes of 14 members including the Chairman and Member Secretary. The registered Society/ Trust shall nominate 5 members including the Chairman and the Member Secretary and the remaining 5 members shall be nominated as indicated below.

Governing Body

Sr. No.	Name	Designation	Remark
1	Mr. Maulana Gulam Mohammed Vastanvi	Chairman of Society	Chairman
2	Mr. Randerashaq Ismail	Secretary of Society	Secretary
3	Mr. Haji Yakub Haji Ibrahim	Member	Member
4	Mr. Hajillyas Haji Suleman	Member	Member
5	Mr. Arif Haji Ab SattarKunda	Member	Member
6	Dy Director AICTE WRO Mumbai	Member	Ex-officio Member
7	DirectorDTE, Mumbai	Member	Ex-officio Member
8	Registrar KBCNMU, Jalgaon	Member	Ex-officio Member

9	Dr. M N Quraishi	Teacher of recognized Institute	Academic Representative
10	Dr. Zakir Pinjari	Member	Industrial Representative
11	Dr. G J Khan	Principal	Member Secretary
12	Dr. Quazi Majaz	Asso. Prof.	Faculty Member
13	Miss. Afroza Patel	Asst. Prof.	Faculty Member

Functions of the Governing Body:

The Governing Body as stated earlier is the Supreme Body responsible for the management of the Institution. Its function shall include the following:

- To form the following Sub-Committees and consider the recommendations made by them:
 - Finance Committee
 - Purchase Committee
 - Exam Committee
 - Staff Selection Committee
 - Library Committee
- To approve the budget estimates- recurring and non- recurring for the financial year in advance.
- To scrutinize and accept the audited statement of account yearly.
- To estimate the workload, approve the staff requirement for teaching and non-teaching (technical and administrative) for the Institute.
- To consider and approve the proposals for creation of infrastructure such as building, equipment, library on continuous basis.
- To consider and make provisions for meeting the general and specific conditions laid by the Council (AICTE), the State Government and Affiliating Body and monitor the progress in fulfilling the conditions.
- To consider the report of the Principal on status of admission.
- To consider the report of the Principal on the academic performance of the students.
- To monitor the working conditions of the Staff as prescribed by the Affiliating Body/ Government.
- To consider the proposals of the Principal for improvement in academic performance of the Staff.

- To consider any other matter that enhances the academic atmosphere in the Institution.
- To consider any proposal for expansion of educational activities to be made to the Council/Government/Affiliating Body.
- Frequency of meeting- Governing Council meets once in a year.

The college has a well-marked administrative set up conforming to the norms of the AICTE and UGC.

Published rules, procedures, recruitment and promotional policies, etc.

1. The rules are well defined. The policies and procedures are made clear. Rules concerned with the general administration of the college, recruitment procedure and service conditions of the staff, leave rules of the staff, policies of promotion and increment are framed properly.
2. All the newly recruited staff and the newly admitted students are made aware of these rules through orientation Programs. These are also made available on the college website
3. Recruitment is done in a transparent manner purely on the basis of merit, after notifying the vacancies in the leading newspapers.
4. Recruitment of faculty and staff for regular appointment is done by NMU Staff Selection Committee comprising of the subject experts, the management representative and the Principal.
5. In case of immediate requirement, recruitment is done by the college Staff Selection Committee consisting of the management members, Principal and the subject experts.
6. The published rules, policies and procedures with regard to faculty and staff recruitment, promotions, leaves and retirement are made available on the college website.

9.1.2. Decentralization in working and grievance redressal mechanism (15)

List the names of the faculty members who are administrators/decision makers for various responsibilities. Specify the mechanism and composition of grievance redressal cell. Decentralization in working is achieved by constitution of following sub committees.

1) College Development Committee

This committee focuses on development of college in respect of education, finance etc. this committee consists of following members:

Sr. No.	Name Of CDC Member	Designation
01	Mr. Moulana Gulam Mohammad Vastanvi	Chairman of the management
02	Dr. Khan Gulam Javed Gulam Vahed	Principal of College (Member-Secretary)
03	Mr. Maulana Huzaifa Vastanvi	Nominee of the chairperson ex-officio chairperson
04	Dr. Aejaz Ahmed	Co-ordinator internal Quality Assurance Committee of the college
05	Mr. Quazi Aejaz Ahmed	Non-Teaching Employee elected by regular non-teaching staff from amongst themselves
06	Mr. M N Quraishi	Teacher in the college or recognized institute
07	Dr. Shaikh Siraj	Head of Department nominated by the principal or head of the institute
08	Mr. Arif Haji Ab Sattar Kunda	Nominee of the secretary of the management
09	Mr. Maulana Abdul Rahim Falahi	Local member nominated by the management in consultation with the principal
10	Mr. Randera Hafiz Ishaq	secretary of the management
11	Mr. Shaikh Sikandar Ajj Mulani	President of the college students council
12	Mr. Shaikh Muzammil Shakil	Secretary of the college students council

2) Finance and Accounts Committee

This committee focuses on financial position of the institute. It ensures on transparency of accounts and recommend to governing body. It includes following members:

Sr. No.	Name	Designation	Remark
1	Dr. G J Khan	Principal	Chairman
2	Mr. Khatik Mohsin	Accountant	Secretary

3	Dr. Shaikh Siraj	Asso.Prof.	Member
4	Dr. Aejaaz Ahmed	Asso.Prof.	Member
5	Dr. Quazi Majaz	Asso.Prof.	Member

3) Purchase Committee

This committee identifies the need of various equipments, stationary etc and recommend to governing body. This committee includes following members:

Sr. No.	Name	Designation	Remark
1	Dr. G J Khan	Principal	Chairman
2	Mr. Khalifa M Asif	Asst Prof.	Member
3	Mr. Patel M Siddik	Asst.Prof.	Member
4	Mr. Teli Sohel Faridbhai	Store Keeper	Member
5	Mr. Khan Abuzar	Asst Prof.	Member

4) Staff Selection & Appraisal Committee

This committee identifies vacancy in the institute and also evaluates performance of the staff in a academic year. It includes following members:

Sr. No.	Name	Designation	Remark
1	Dr. G J Khan	Principal	Chairman
2	Mr. Quazi Aejaaz	Registrar	Secretary
3	Dr. Shaikh Siraj	Asso. Prof.	Member
4	Dr. Aejaaz Ahmed	Asso. Prof.	Member
5	Dr. Quazi Majaz	Asso. Prof.	Member

5) Exam Committee

This committee focuses on exam schedules, exam timetable, conduct of exam etc. It includes following members:

Sr. No.	Name	Designation	Remark
1	Dr. G J Khan	Principal	Chairman
2	Mr. Mohd Haseeb	Asst. Prof.	Member
3	Mr. Ashish Khairnar	Asst. Prof.	Member
4	Dr. Quazi Majaz	Asso. Prof.	Member

5	Dr. Aejez Ahmed	Asso. Prof.	Member
6	Mr. Quazi Aejez	Registrar	Member

6) Website Maintenance Committee

This committee ensures that the website of the institute is updated with current events and news happens in institute.

Sr. No.	Name	Designation	Remark
1	Dr. G J Khan	Principal	Chairman
2	Mr. Ghanchi Tausif	IT Incharge	Secretary
3	Dr. Shaikh Siraj	Asso. Prof.	Member
4	Dr. Aejez Ahmed	Asso. Prof.	Member
5	Dr. Quazi Majaz	Asso. Prof.	Member

7) Library Committee

This committee focuses on books requirement, daily attendance record, Students book issuing registers etc.

Sr. No.	Name	Designation	Remark
1	Dr. G J Khan	Principal	Chairman
2	Mr. Abdul Said	Librarian	Member
3	Dr. Aejez Ahmed	Asso.Prof.	Member
4	Mr. Mulani Shafi	Asst. Prof.	Member
5	Mr. Pathan Mohsin	Asst. Lib.	Member

8) Sports Committee

This committee focus on sports activity organized in the institute as well as university.

Sr. No.	Name	Designation	Remark
1	Dr. G J Khan	Principal	Chairman
2	Mr. Quazi Asir	Asst. Prof.	Secretary
3	Mr. Ashish Khairnar	Asst. Prof.	Member
4	Mr. Quazi Junaid	Physical Director	Member
5	Mr. Mohd Haseeb M	Asst. Prof.	Member
6	Mr. Mohd Danish	Student	Boys Representative

7	Miss. Randeria Jainab	Student	Girls Representative
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9) SC/ST Committee

This committee focus on matters of SC and ST students admitted in the institute.

Sr. No.	Name	Designation	Remark
1	Dr. G J Khan	Principal	Chairman
2	Mr. Pravin Gomase	Asst. Prof.	Secretary
3	Mr. Ashish Khairnar	Asst. Prof.	Member
4	Mr. Pawara Sunil	Student	Member
5	Miss. PawaraVarsha	Student	Member

10) Vigilance Committee

Sr. No.	Name	Designation	Remark
1	Dr. G J Khan	Principal	Chairman
2	Dr. Quazi Majaz	Asso. Prof.	Member
3	Dr. Shaikh Siraj	Asso. Prof.	Member
4	Dr. Aejaz Ahmed	Asso. Prof.	Member

11) Sexual Harassment Committee

This committee ensures that the female staff and students are not harassed sexually in this institute. It includes following members:

Sr. No.	Name	Designation	Remark
1	Dr. G J Khan	Principal	Chairman
2	Miss. Umme Rumana	Lecturer	Member
3	Mr. Birade	Civil & Police Administration	Member
4	Mr. Patel M Siddik	Asst.Prof.	Member
5	Miss. Afroza Patel	Asst. Prof.	Member

12) Placement, Career Guidance & Entrepreneurship Cell

This committee focuses Guidance required by the students for career. It also arranges campus drive for placements of students.

Sr. No.	Name	Designation	Remark
1	Dr. G J Khan	Principal	Chairman
2	Dr. Shaikh Siraj	Asso. Prof.	Secretary
4	Dr. Aeجاز Ahmed	Asso. Prof.	Member
5	Mr. Mohammed Hasib Ahmed	Asst Prof.	Member

13) Publication Committee

This committee focus on publication of college documents at various places i.e. College websites, College notice board etc. It consists of following members:

Sr. No.	Name	Designation	Remark
1	Dr. G J Khan	Principal	Chairman
2	Mr. Pravin Gomase	Asst. Prof.	Secretary
3	Dr. Shaikh Siraj	Asso. Prof.	Member
4	Dr. Aeجاز Ahmed	Asso. Prof.	Member
5	Dr. Quazi Majaz	Asso. Prof.	Member

9.1.2. Decentralization in working and grievance redressal mechanism (15)

(List the names of the faculty members who are administrators/decision makers for various responsibilities. Specify the mechanism and composition of grievance redressal cell.)

1. Grievance Redressal Cell

The college has a Grievance Redressal Cell; the committee members are nominated by the Principal of the college and it works under his supervision, for solving grievance of students, staff & parents. The composition of the cell is as given below:

Grievance Redressal Committee

Sr. No.	Name	Designation	Remark
1	Dr. G J Khan	Principal	Chairman
2	Mr. Maulana Huzaifa Vastanvi	CEO	Secretary
3	Dr. Shaikh Siraj	Asso. Prof.	Member
4	Dr. Aejaz Ahmed	Asso. Prof.	Member
5	Dr. Quazi Majaz	Asso. Prof.	Member
6	Mr. Patel Siddique	Asso. Prof.	Member
7	Miss. Afroza Patel	Asst. Prof.	Member

Mechanism

The students are the main stakeholders in any institution imparting education, and it is our endeavor to make all efforts to ensure transparency in all the activities at different stages. The grievances may broadly include the following complaints of the aggrieved students

- a. Academic (Grievance related to assessment, Grievance related to victimization Grievance related to attendance, Grievance related to charging of fees, Grievance regarding conducting of examinations, completion of syllabus, teaching methods etc)
- b. Non-Academic (Harassment by colleague /students or the teachers complaints regarding classroom teaching, class room management etc.)

Complaints by students, parents and staff can be made in writing or oral to the Principal/ Staff. This complaint is then resolved by discussion in meeting by the committee and if required the aggrieved may be involved.

2. Anti-Ragging Committee

Sr. No.	Name	Designation	Remark
1	Dr. G J Khan	Principal	Chairman
2	Dr. Aejaz Ahmed	Asso. Prof.	Secretary
3	Mr. Patel M Siddik	Asst.Prof.	Member
4	Mr. Ashish Khairnar	Asst.Prof.	Member
5	Mr. Sadshiv Amarnath Shirsale	Head Constable	Member
6	Mr. Rafique Jahagirdar	Social Worker	Member
7	Dr. Salim Shaikh	Parents Representative	Member

8	Mr. Sk. Aamer Md. Iqbal	Final Year Students	Member
9	Miss. Sayyed Nazifa	Final Year Students	Member

The committee members are nominated by the Principal of the college and they work under his supervision.

Mechanism:

- The committee has a mechanism in place by means of which it ensures compliance with the UGC regulation 2009 for curbing the menace of ragging at institute level.
- The committee monitors and oversees the performance of Anti-ragging squad in prevention of ragging in the institution
- Every student admitted to the course is asked to submit an on-line affidavit stating that he/she will not indulge in any act of ragging.
- Posters have been displayed in the campus indicating that ragging is strictly prohibited in the institution and the penalty measures to be taken thereof.
- List of Anti-ragging committee members along with their personal contact numbers have been displayed on college notice board so that the victims may approach any of these members to address the issue of ragging.

Implementation

- An Anti-ragging squad is nominated by the Principal with the representation from the campus community.
- It makes surprise raids in girls' and boys' common rooms and hostels and other places vulnerable to incidents of and having the potential of ragging.
- It conducts on the spot enquiry in to any incident of ragging.
- The committee maintains alert vigil at all times and ensures that the Anti- ragging squad of the institution carries out their functions properly.

9.1.3. Delegation of financial powers

(Explicitly mention financial powers delegated to the Principal, Heads of Departments and relevant in-charges. Demonstrate the utilization of financial powers for each year of the assessment years.)

1. The financial committee consist Dr. G J Khan as the Chairman, Khatik Mohsin as the Member Secretary and three teaching staff members.
2. The Governing body has delegated financial powers to the chairman of committee.
3. Budget allocation is decided by the above committee.
4. The budget is utilized for purchase of equipment, maintenance, consumables and other miscellaneous and institute related expenses.
5. Accounts are audited once in year.

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

(Information on the policies, rules, processes is to be made available on web site.)

The following rules and codes of conduct have been displayed on the website:

- 1) Rules for admissions to degree course in pharmacy are as per DTE norms.
- 2) Rules for reservation
- 3) Rules for fee structure
- 4) Reimbursement of tuition fee
- 5) Cancellation of admission and refund of fees
- 6) Code of conduct
- 7) Rules for attendance
- 8) Rules for examination

9.2 Budget Allocation, Utilization and Public Accounting at Institute Level

Summary of Current Financial Year's budget and actual expenditures incurred in three previous financial years.

For F.Y.-2017-18

Total Income:				Actual Expenditure (Till...)			Total No. Of Students:
Fees	Govt	Grants	Other Source (Specify)	Recurring Including Salaries	Non-Recurring	Special Projects/Any Other	Expenditure Per Student
14694124	0	0	5579719	19098180	122490	156891	87765.61644

For F.Y.-2016-17

Total Income:				Actual Expenditure (Till...)			Total No. Of Students:
Fees	Govt	Grants	Other Source (Specify)	Recurring Including Salaries	Non-Recurring	Special Projects/Any Other	Expenditure Per Student
19125334	0	0	546752	18085728	125604	361548	81818.85463

For F.Y.-2015-16

Total Income:				Actual Expenditure (Till...)			Total No. Of Students:
Fees	Govt	Grants	Other Source (Specify)	Recurring Including Salaries	Non-Recurring	Special Projects/Any Other	Expenditure Per Student
11900923	0	0	352009	16225919	1214010	0	78205.95964

Total Expenses at Institute Level

Items	Budgeted in 2017-18	Actual Expenses in 2017-18	Budgeted in 2016-17	Actual Expenses in 2016-17	Budgeted in 2015-16	Actual Expenses in 2015-16
Infrastructure Built Up	7000000	6466255	2000000	1526448	0	0
Library	70000	181018	200000	86256	200000	204490
Laboratory Equipments	185000	29255	250000	387983	250000	169744
Laboratory Consumables	390000	153164	80000	33190	200000	149307

Teaching and non-teaching staff salary	15100000	15085006	14000000	13842325	13800000	13510727
Maintenance and spares	150000	122490	130000	125604	50000	22345
R & D	0		0	0	0	0
Training and travel	140000	127430	140000	136513	100000	96154
miscellaneous Expenses	200000	152500	140000	21472	20000	3250
Others, Specify	2425000	3526698	3700000	3939537	3500000	3283912
Total	25660000	25843816	20640000	20099328	18120000	17439929

9.2.1. Adequacy of budget allocation (10)

(Justify that the budget allocated over the years was adequate)

The yearly budget is prepared according to the needs & requirements of the institute taking into consideration annual intake of students, laboratory & infrastructure requirements. Formal budget estimates are prepared by Local Managing Committee of the college and reviewed by the governing body. In cases where there are urgent requirements not taken into consideration while preparing budget, special allocation of funds are made on a case to case basis.

9.2.2. Utilization of allocated funds (15)

(State how the budget was utilized during the last three years.)

Sr. No.	Financial Year	Funds Allocated	Funds Utilized	% of Utilization
1	2015-16	1,81,20,000.00	1,74,39,929.00	96.24%
2	2016-17	2,06,40,000.00	2,00,99,328.00	97.38%
3	2017-18	2,56,60,000.00	2,58,43,816.00	100.71%

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

(Needs to make audited statements available on its website.)

Audited statement is made available on the college website

9.3 Library and Internet (20)

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

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

(Relevance of available learning resources including e-resources, Accessibility to students)

- Library is automated with software: QUAL Soft technologies
- Relevance of available learning resources including e-resources:
- Accessibility to students, faculty and staff: 9:00 am to 5:00 pm

Sr. no.	Particular	No. available
1.	No. of volumes	7400
2.	No. of titles	800
3.	Newspapers	08
4.	National Journals	30
5.	International Journals	10
6.	Delnet	200
7.	E- information resources	450

9.3.2 Internet

(Name of the Internet provider ,Available bandwidth ,Wi Fi availability ,Internet access in labs, classrooms, library and other offices, Security arrangements)

Particulars	Remarks
Name of the internet provider:	BSNL
Available bandwidth	10 MBPS
Wi-Fi availability	Yes
Internet access in labs, classrooms, library and other offices	Yes
Security arrangements	Password Protected



Jamia Islamia Isha-atul Uloom's
ALI-ALLANA COLLEGE OF PHARMACY

Molgi Road, Akkalkuwa, Dist. Nandurbar - 425415 (M.S.)
 Inst. Code : DTE-5282, NMU - 260097, Approved By P.C.I., A.I.C.T.E., D.T.E., N.M.U., Jalgaon & Govt. of Maharashtra
 Ph. No. (02567) 252814, Fax. 252815

Website : www.aacpa.in, E-mail ID : allanabpharmacy@gmail.com

Ref. : JIUU / AACPA /

Date : _____

Declaration

I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines in force as on date and the institute shall fully abide by them.

It is submitted that information provided in this Self-Assessment Report is factually correct. I understand and agree that an appropriate disciplinary action against the Institute will be initiated by the NBA in case any false statement/information is observed during pre-visit, visit, post-visit and subsequent to grant of accreditation.

Date: 30/03/2019

Place: Akkalkuwa



Dr. G. J. Khan

PRINCIPAL

JIUU's All Allana College of Pharmacy
 Akkalkuwa Dist. Nandurbar