

Babu Banarasi Das Northern India Institute of Technology

Pharmacy

Part A : Institutional Information

1 Name and Address of the Institution

Babu Banarasi Das Northern India Institute of Technology,
SECTOR-II, DR. AKHILESH DAS NAGAR, FAIZABAD ROAD, LUCKNOW

2 Name and Address of Affiliating University

Dr. A.P.J. Abdul Kalam Technical University, Luckn

3 Year of establishment of the Institution:

1999

4 Type of the Institution:

- ☐ University
 ☒ Affiliated
 ☐ Deemed University
 ☐ Any other(Please Specify)
 ☐ Autonomous

5 Ownership Status:

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

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

| Name of Institutions | Year of Establishment | Programs of Study | Location |
|--|-----------------------|-------------------|---|
| Babu Banarasi Das Northern India Institute of Technology | 1999 | B.Tech. | Sector-II, Dr. Akhilesh Das Nagar, Ayodhya Road, Lucknow. |
| Babu Banarasi Das Northern India Institute of Technology | 2002 | MBA | Sector-II, Dr. Akhilesh Das Nagar, Ayodhya Road, Lucknow. |
| Babu Banarasi Das Northern India Institute of Technology | 2007 | M.Tech. | Sector-II, Dr. Akhilesh Das Nagar, Ayodhya Road, Lucknow. |

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

| Name of Program | Program Applied level | Start of year | Year of AICTE approval | Initial Intake | Intake Increase | Current Intake | Accreditation status | From | To | Program for consideration | Program for Duration |
|-----------------|-----------------------|---------------|------------------------|----------------|-----------------|----------------|---|------|------|---------------------------|----------------------|
| B. Pharm. | UG | 2001 | 2001 | 60 | Yes | 100 | Granted accreditation for 5 years for the period (specify period) | 2007 | 2012 | Yes | 4 |

Sanctioned Intake for Last Five Years for the B. Pharm.

| Academic Year | Sanctioned Intake |
|---------------|-------------------|
| 2022-23 | 100 |
| 2021-22 | 100 |
| 2020-21 | 100 |
| 2019-20 | 100 |
| 2018-19 | 90 |
| 2017-18 | 90 |

| | | | | | | | | | | | |
|---|----|------|------|----|-----|----|--------------------------|----|----|----|---|
| M. Pharm. (Pharmaceutical Chemistry) | PG | 2008 | 2008 | 10 | Yes | 15 | Eligible but not applied | -- | -- | No | 2 |
|---|----|------|------|----|-----|----|--------------------------|----|----|----|---|

Sanctioned Intake for Last Five Years for the M. Pharm.(Pharmaceutical Chemistry)

| Academic Year | Sanctioned Intake |
|---------------|-------------------|
| 2022-23 | 15 |
| 2021-22 | 12 |
| 2020-21 | 12 |
| 2019-20 | 9 |
| 2018-19 | 12 |
| 2017-18 | 18 |

| | | | | | | | | | | | |
|------------------------------|----|------|------|----|-----|----|--------------------------|----|----|----|---|
| M. Pharm. (Pharmaceutics) | PG | 2012 | 2012 | 18 | Yes | 15 | Eligible but not applied | -- | -- | No | 2 |
|------------------------------|----|------|------|----|-----|----|--------------------------|----|----|----|---|

Sanctioned Intake for Last Five Years for the M. Pharm.(Pharmaceutics)

| Academic Year | Sanctioned Intake |
|---------------|-------------------|
| 2022-23 | 15 |
| 2021-22 | 12 |
| 2020-21 | 12 |
| 2019-20 | 12 |
| 2018-19 | 12 |
| 2017-18 | 18 |

8 Programs to be considered for Accreditation vide this application:

| S No | Level | Discipline | Program |
|------|----------------|------------|----------|
| 1 | Under Graduate | Pharmacy | Pharmacy |

9 Total number of employees

A. Regular* Employees (Faculty and Staff):

| Items | 2022-23 | | 2021-22 | | 2020-21 | |
|--|---------|-----|---------|-----|---------|-----|
| | MIN | MAX | MIN | MAX | MIN | MAX |
| Faculty in Pharmacy (Male) | 6 | 6 | 5 | 5 | 4 | 4 |
| Faculty in Pharmacy (Female) | 28 | 31 | 29 | 32 | 31 | 33 |
| Faculty in Science & Humanities (Male) | 0 | 0 | 0 | 0 | 0 | 0 |
| Faculty in Science & Humanities (Female) | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-teaching staff (Male) | 20 | 30 | 23 | 23 | 21 | 21 |
| Non-teaching staff (Female) | 4 | 5 | 4 | 4 | 5 | 5 |

B. Contractual* Employees (Faculty and Staff):

| Items | 2022-23 | | 2021-22 | | 2020-21 | |
|--|---------|-----|---------|-----|---------|-----|
| | MIN | MAX | MIN | MAX | MIN | MAX |
| Faculty in Pharmacy (Male) | 0 | 0 | 0 | 0 | 0 | 0 |
| Faculty in Pharmacy (Female) | 0 | 0 | 0 | 0 | 0 | 0 |
| Faculty in Science & Humanities (Male) | 0 | 0 | 0 | 0 | 0 | 0 |
| Faculty in Science & Humanities (Female) | 0 | 0 | 0 | 0 | 0 | 0 |
| Non-teaching staff (Male) | 5 | 5 | 4 | 5 | 4 | 5 |
| Non-teaching staff (Female) | 6 | 6 | 4 | 6 | 5 | 6 |

10 Total number of Pharmacy students:

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

UG Shift-1

| Total number of Pharmacy students | 2022-23 | 2021-22 | 2020-21 |
|-----------------------------------|------------|------------|------------|
| Total No. of Boys | 289 | 275 | 257 |
| Total No. of Girls | 92 | 98 | 97 |
| Total | 381 | 373 | 354 |

PG Shift-1

| Total number of Pharmacy students | 2022-23 | 2021-22 | 2020-21 |
|-----------------------------------|-----------|-----------|-----------|
| Total No. of Boys | 9 | 8 | 12 |
| Total No. of Girls | 18 | 26 | 26 |
| Total | 27 | 34 | 38 |

11 Vision of the Institution:

To establish a multi-disciplinary environment with excellence in technical education and research for developing competent professionals who meet the challenges of industrial and societal development with human values and ethics.

12 Mission of the Institution:

- M1.** To provide an excellent environment with supporting infrastructure to prepare globally competent professionals acceptable to industry and society.
- M2.** To inculcate a spirit of research, innovation and entrepreneurship by exposing multi-disciplinary approach.
- M3.** To motivate aspiring graduates to solve real life problems with zeal of lifelong learning.
- M4.** To imbibe a healthy environment which helps to develop intellectual capabilities among graduates to transform them into professionals with human values and ethics.

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

| Head of the Institution | |
|-------------------------|---------------------------------|
| Name | Prof. (Dr.) Shailendra K. Saraf |
| Designation | Director |
| Mobile No. | 9839228022 |
| Email ID | dirpharmacy@bbdniit.ac.in |

☒ **NBA Coordinator, If Designated**

| | |
|-------------|-----------------------------|
| Name | Dr. Sanjiv K. Chaudhri |
| Designation | Professor |
| Mobile No. | 7651874995 |
| Email ID | sanjuchaudhri@bbdniit.ac.in |

PART B: Criteria Summary

| Criteria No. | Criteria | Total Marks | Institute Marks |
|--------------|---|-------------|-----------------|
| 1 | VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES | 50 | 50.00 |
| 2 | PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES | 150 | 150.00 |
| 3 | COURSE OUTCOMES (COS) AND PROGRAM OUTCOMES (POS) | 100 | 100.00 |
| 4 | STUDENTS' PERFORMANCE | 180 | 144.65 |
| 5 | FACULTY INFORMATION AND CONTRIBUTIONS | 175 | 153.43 |
| 6 | FACILITIES | 120 | 120.00 |
| 7 | CONTINUOUS IMPROVEMENT | 75 | 71.20 |
| 8 | STUDENT SUPPORT SYSTEMS | 50 | 50.00 |
| 9 | GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES | 100 | 100.00 |
| | Total | 1000 | 939 |

Part B

1 VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (50)

Total Marks 50.00

1.1 State the mission & vision (5)

Total Marks 5.00

Institute Marks : 5.00

| Vision of the institute | To establish a multi-disciplinary environment with excellence in technical education and research for developing competent professionals who meet the challenges of industrial and societal development with human values and ethics. | | | | | | | | | | |
|---------------------------|--|-------------|--------------------|----|--|----|---|----|---|----|---|
| Mission of the institute | <p>M1. To provide an excellent environment with supporting infrastructure to prepare globally competent professionals acceptable to industry and society.</p> <p>M2. To inculcate a spirit of research, innovation and entrepreneurship by exposing multi-disciplinary approach.</p> <p>M3. To motivate aspiring graduates to solve real life problems with zeal of lifelong learning.</p> <p>M4. To imbibe a healthy environment which helps to develop intellectual capabilities among graduates to transform them into professionals with human values and ethics.</p> | | | | | | | | | | |
| Vision of the Department | To become a centre of eminence in pharmacy education and research with an innovative and inclusive approach. | | | | | | | | | | |
| Mission of the Department | <table border="1"> <thead> <tr> <th>Mission No.</th><th>Mission Statements</th></tr> </thead> <tbody> <tr> <td>M1</td><td>To excel in Pharmacy education and research by dissemination of cutting-edge knowledge and skills for sustainable health care.</td></tr> <tr> <td>M2</td><td>To inculcate values in the next generation stakeholders with a humane and personal approach</td></tr> <tr> <td>M3</td><td>To promote a culture of innovation and entrepreneurship by fostering a diverse and inclusive community with a global outlook.</td></tr> <tr> <td>M4</td><td>To create an ecosystem of cooperation, coordination and collaboration through national and international engagements.</td></tr> </tbody> </table> | Mission No. | Mission Statements | M1 | To excel in Pharmacy education and research by dissemination of cutting-edge knowledge and skills for sustainable health care. | M2 | To inculcate values in the next generation stakeholders with a humane and personal approach | M3 | To promote a culture of innovation and entrepreneurship by fostering a diverse and inclusive community with a global outlook. | M4 | To create an ecosystem of cooperation, coordination and collaboration through national and international engagements. |
| Mission No. | Mission Statements | | | | | | | | | | |
| M1 | To excel in Pharmacy education and research by dissemination of cutting-edge knowledge and skills for sustainable health care. | | | | | | | | | | |
| M2 | To inculcate values in the next generation stakeholders with a humane and personal approach | | | | | | | | | | |
| M3 | To promote a culture of innovation and entrepreneurship by fostering a diverse and inclusive community with a global outlook. | | | | | | | | | | |
| M4 | To create an ecosystem of cooperation, coordination and collaboration through national and international engagements. | | | | | | | | | | |

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

Total Marks 5.00

| PEO No. | Program Educational Objectives Statements |
|---------|---|
| PEO1 | Aptitude: To develop graduates as professionals with conceptual knowledge and technical skills required for successful careers in varied domains |
| PEO2 | Creativity: To engage students in collaborative research and provide innovative solutions to challenges for the betterment of mankind. |
| PEO3 | Morality: To inculcate professionalism and ethical commitment in the stakeholders to develop healthcare professionals with high moral standards and fundamental human values. |
| PEO4 | Strategy: To prepare graduates with a multidisciplinary approach encompassing positive perspective, conduct and spirit |

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

Total Marks 15.00

All stakeholders namely students, faculty, parents, industry, regulating authorities, alumni, management, etc. are linked to the professional growth of the institute over a period of time.

Internal stake holders

Management (including Governing Body and College Development Committee members): The main focus of the management is to impart quality based education to the students. This is achieved by providing necessary infrastructure and qualified faculty members. The management also takes care that the students are groomed in an environment where in their attitude, behavior and skills are nurtured. Sophisticated equipments are made available and the latest developments are familiarized to the students.

Faculty: The faculty members of the department are one of the key stake holders trained to provide the best professional education to the students. They also propose in designing course outcomes, suggest for improvements in the curriculum, and implement any changes. The faculty members continually interact with other stakeholders, allowing for the opportunities for continuous improvement via formal and in-formal feedback process.

Supporting staff: The nonteaching staff (technical and administrative) extends cooperation and support for achieving the PEOs. These are also ground level employees, who understand the needs and accordingly make arrangement at the laboratory level, in-terms of issuing of chemicals and glass wares, preparing reagents as well as maintenance of equipment and looking into the cleanliness of lab.

Students: Students are the direct core beneficiary stake holders. Students look upon quality environment at the college, which includes necessary infrastructure, qualified faculty and conducive learning environment. The new ways of teaching-learning process using ICT enhance their capabilities with value addition. Students expect that their qualifications are recognized for employment and be placed in reputed industries and Govt. organizations or secure admission into best educational institution, if opted for higher education or prepare one for career of own choice.

External stake holders

Industry/Employers: Feedback report or suggestions from employers play a vital role in the formulation and review of the PEOs. They give us early indications of changes or new trends in the profession and give their opinions on the needs and direction of growth of the college. The information is gathered from employers using both formal surveys and informal interactions.

Alumni: The alumni provide vital inputs for drafting and reviewing our PEOs. They provide advice and the right direction to the current students, and prepare them for what they have to do for succeeding in their careers.

Affiliating university: The college is affiliated to APJ Abdul Kalam University, Lucknow (AKTU). The university is a body that monitors the academic programs and approves the award of degree.

Professional bodies: Professional bodies like IPA, APTI periodically express the status of industry, which are noted and utilized during formulating or reviewing the PEOs. They also provide views about the college.

The Vision and Mission statements and PEOs are published and disseminated through the following methods.

Print Media: College brochure, College magazine, Teachers annual academic diary, attendance record, Student journals, Feedback forms, Official college mail.

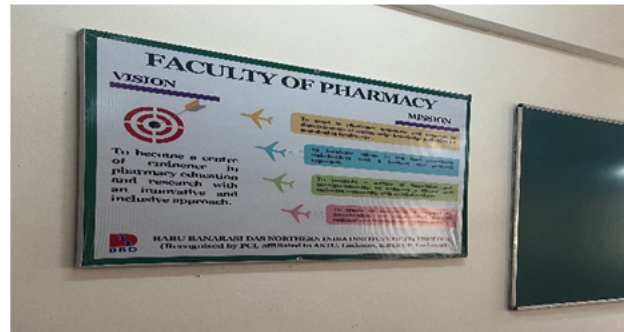
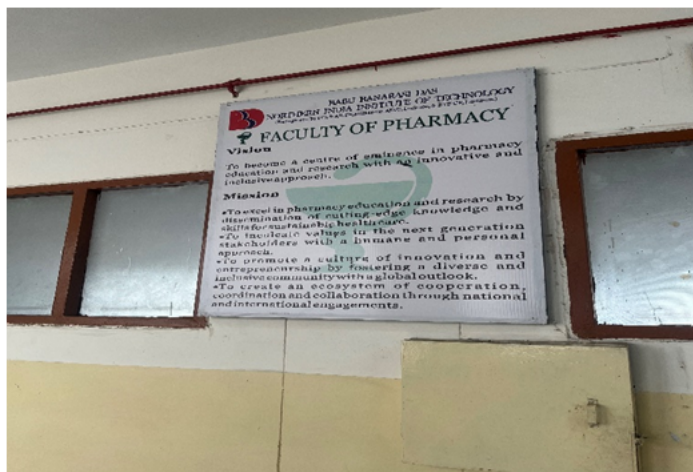
Electronic Media: College website ([http://www.pharmacybbdnit.org./](http://www.pharmacybbdnit.org/)) (<http://www.pharmacybbdnit.org.%29/>) FLYERS, e- mail of staff, PPTs presented by students and faculty.

Display Boards: Flexi-boards, Permanent boards.

Direct Communication: Induction programmes to freshers, Parents meeting, In-house meetings, seminars, workshop and conferences and online programs.

Vision and Mission (V & M) is disseminated to all the internal and external stakeholders of the program through faculty meetings, seminars, workshops and student and staff induction programs and during parents meeting.

1. The V, M and PEOs are informed to students of each year and explained their importance and the objectives to be achieved.
2. The PEOs are circulated to the faculty, supporting staff and sought the opinion about the commission and omission of the objectives.
3. The V, M and PEOs are circulated and informed to parents during orientation program and when they visit the college.
4. The V, M and PEOs are circulated to the fellow pharmacy professionals and sought the opinion about the objectives.
5. The V, M and PEOs are circulated and informed to the management.



Vision, Mission, PO and PEO's

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

Total Marks 10.00

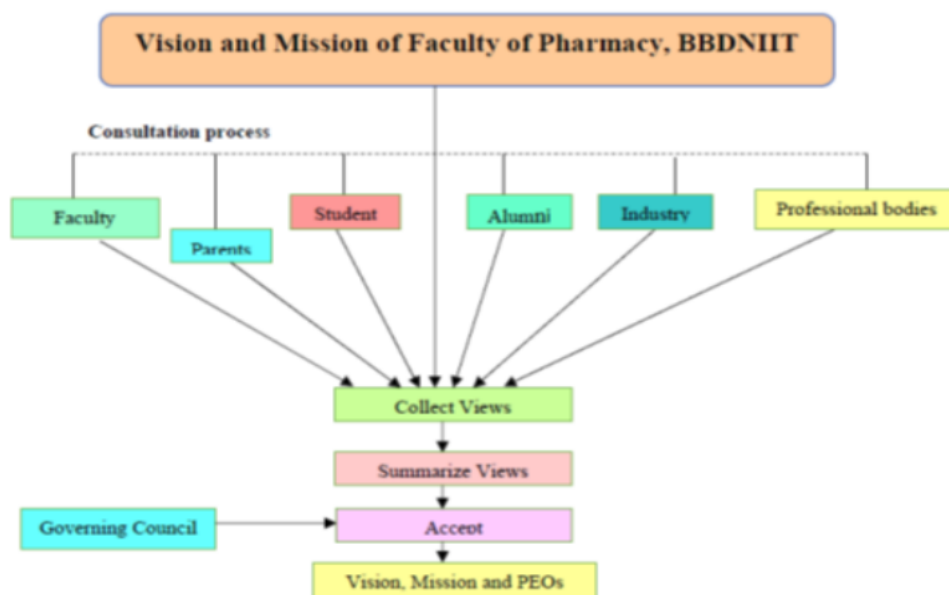
The vision and mission and PEO of the program was established through a consultative process involving the internal and external stakeholders of the program, keeping in mind the future scope and societal requirements of the program.

Step I: A review of vision and mission of various bodies like NEP-2020, AKTU, UGC, IISc, PCI and AICTE was undertaken.

Step II: Vision and Mission of the trust were taken as origin. A rough draft of vision and mission are initially prepared by the Coordinator and the Director of College. They were subjected to discussion amongst the HODs/staff for further amendments. The vision and mission of the institute is also drawn and given a shape from the earlier vision and mission statement of the institute, views tabled by SWOT analysis reports, stakeholders such as governing body, industry, parents and students about the program. Finally, it is tabled for final discussion at the College Development committee (CDC) meeting and widely circulated and publicized.

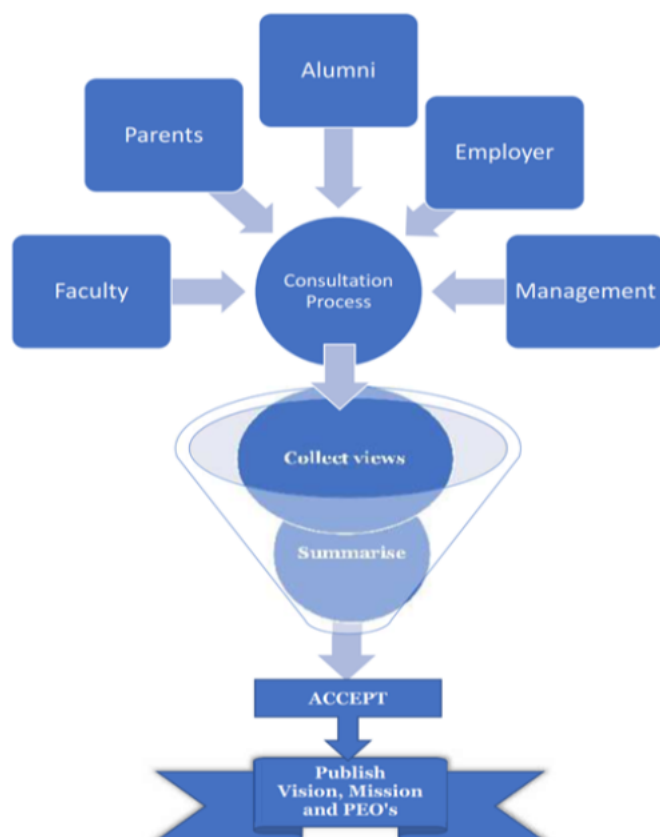
Step III: The accepted views were discussed, analyzed, modified, reviewed to frame the PEOs

Step IV: A version of Vision and Mission in local language (Hindi) was also prepared and displayed.



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

Total Marks 15.00



Consistency of PEOs with Mission of the Institute:

| PEO Statement | M1 (Education) | M2 (Ethics) | M3 (Professionalism) | M4 (Leadership) |
|--------------------|-------------------|----------------|----------------------|-----------------|
| PEO1 (Aptitude) | 3 | 3 | 3 | 3 |
| PEO2 (Creativity) | 3 | 2 | 3 | 3 |
| PEO3 (Morality) | 3 | 3 | 3 | 3 |
| PEO4 (Strategy) | 3 | 2 | 3 | 3 |

The PEOs are consistent with the vision of the college. PEOs reflect the expected accomplishments of graduates a few years after graduation. These objectives are consistent with Institute's mission statement.

Justification

PEO1 (Aptitude) is completely consistent with the mission components of the institute. The justification is given through effective theory and tutorial, and through conceptualized laboratory sessions. Guest lectures and other field-related motivational talks are also arranged for the students.

PEO2 (Creativity) is also consistent with the mission of the institute. It can be justified through involvement of students in small scale projects, and their exposure to conferences, workshops, and field interactions. They are also encouraged to participate in skill development programs, other co-curricular activities, such as, hospital trainings, industrial tours, conferences and seminars, quiz competitions, and other intercollege competitions.

PEO3 (Morality) is completely consistent with the mission components of the institute. It is justified through the behaviour of the students throughout their curricular, extra- and co-curricular activities. They perform their work in the most righteous way and show moral concern to the fellow students. They also present themselves to the society in a similar manner and resolve issues to make a healthy community.

PEO4 (Strategy) is fully consistent with the mission components of the institute. It is justified through the course of action of the students. An individual imbibes the basics of leadership and collaborative efforts to apply in all the spheres of life.

For assessment of Vision and Mission statements various surveys involving stakeholders were carried out by calculating the observed levels of attainment of PEOs: Alumni survey, Employer survey, Faculty survey, Management survey, and through Placement and Higher study record and via course results.

Expected Level of Attainment of PEOs:

| Program Educational Objectives (PEOs) | Expected Level of Attainment (Target) |
|---------------------------------------|---------------------------------------|
| Aptitude | 85% |
| Creativity | 85% |
| Morality | 90% |
| Strategy | 80% |

Attainment of PEO1: Aptitude; PEO2: Creativity; PEO3: Morality; PEO4: Strategy

The analysis is carried out by assigning weightage to percentage as follows: Very good: 4, Good:

3, Average: 2, Satisfactory: 1 (4= 100%)

Questions pertaining to Program Educational Objectives

| Program Educational Objectives | Very Little (Satisfactorily) | Some extent (Average) | Quite a bit (Good) | Very much (Very good) |
|---|---------------------------------|--------------------------|-----------------------|--------------------------|
| | 1 | 2 | 3 | 4 |
| 1. Do you feel that the knowledge gathered by you during the graduation years have provided you with the required skills to successfully work in your organization? | | | | |
| 2. Has the course provided you to identify and solve complex cases or problems so as to do good to the mankind? | | | | |
| 3. Has the college helped you to develop your leadership qualities in order to manage projects in a multidisciplinary environment in the most professional way? | | | | |
| 4. Has the college helped you to groom in all spheres of multidisciplinary professional activities with positive perspective, conduct and spirit? | | | | |

1. Mapping through Alumni

(i) 2019-20 (N=29)

$$\text{PEO}_1: \frac{0.93X1+1.85X2+8.33X3+88.89X4}{100} = 3.85 = 96.30\%$$

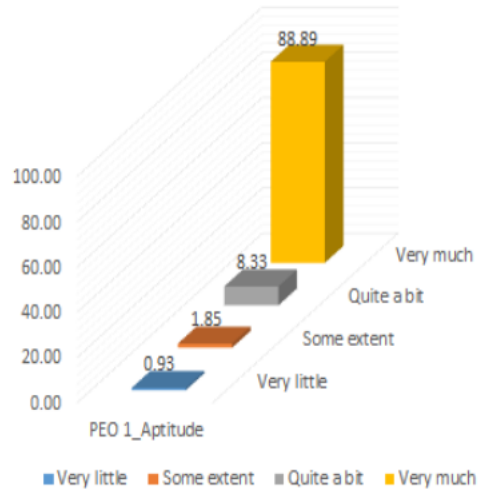
$$\text{PEO}_2: \frac{1.83X1+0X2+2.75X3+95.41X4}{100} = 3.92 = 97.94\%$$

$$\text{PEO}_3: \frac{0X1+1.79X2+5.36X3+92.86X4}{100} = 3.91 = 97.77\%$$

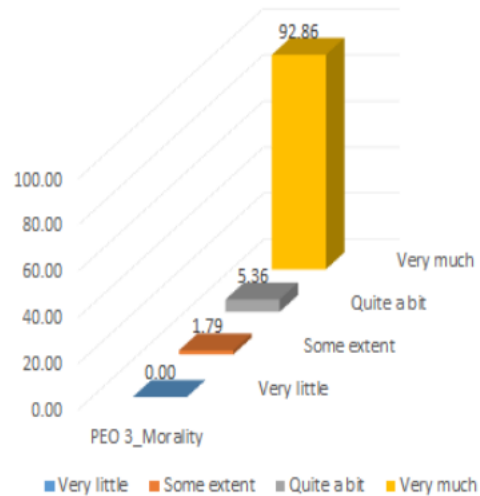
$$\text{PEO}_4: \frac{0X1+1.79X2+5.36X3+92.86X4}{100} = 3.91 = 97.77\%$$

$$\text{Average}=3.90=97.44\%$$

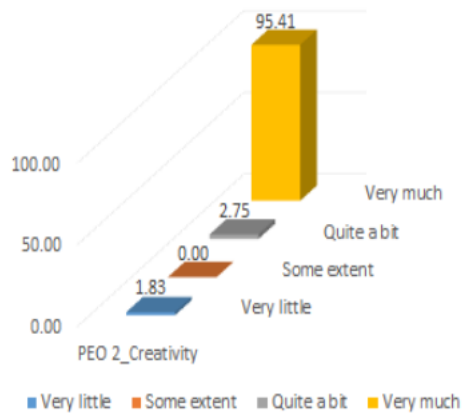
Alumni Survey (2019-20)



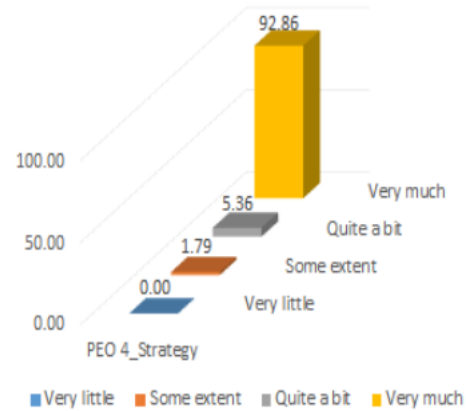
Alumni Survey (2019-20)



Alumni Survey (2019-20)



Alumni Survey (2019-20)



2. Mapping through Parents

(i) 2019-20 (N=10)

$$\text{PEO}_1: \frac{2.94X1+5.88X2+8.82X3+82.35X4}{100} = 3.71 = 92.65\%$$

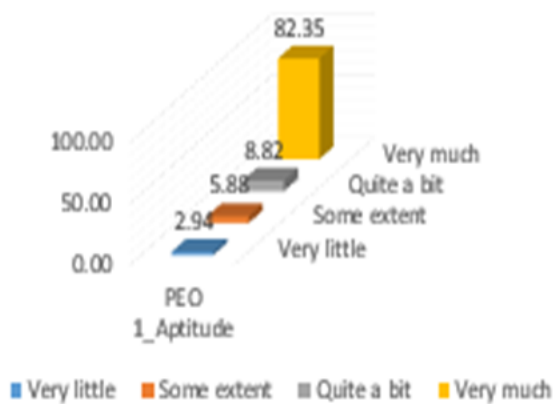
$$\text{PEO}_2: \frac{0X1+5.41X2+8.11X3+86.49X4}{100} = 3.81 = 95.27\%$$

$$\text{PEO}_3: \frac{2.86X1+0X2+17.14X3+80X4}{100} = 3.74 = 93.57\%$$

$$\text{PEO}_4: \frac{6.45X1+6.45X2+9.68X3+77.42X4}{100} = 3.58 = 89.52\%$$

$$\text{Average} = 3.71 = 92.75\%$$

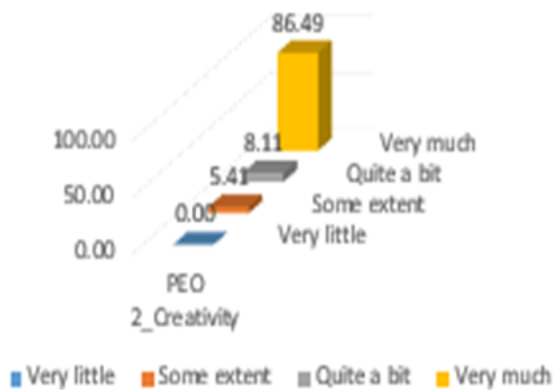
Parent Survey (2019-20)



Parent Survey (2019-20)



Parent Survey (2019-20)



Parent Survey (2019-20)



3. Mapping through Employer

(i) 2019-20 (N=4)

$$\text{PEO}_1: \frac{0X1+14.29X2+0X3+85.71X4}{100} = 3.71 = 92.86\%$$

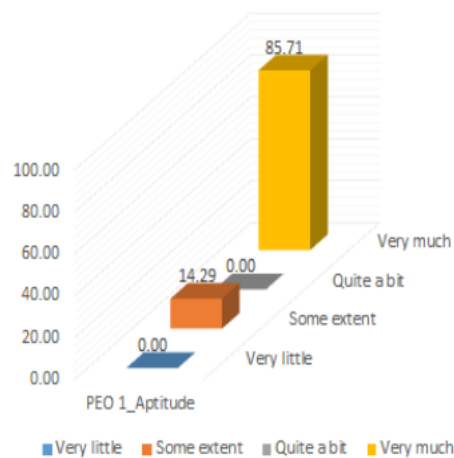
$$\text{PEO}_2: \frac{0X1+0X2+0X3+100X4}{100} = 4.00 = 100\%$$

$$\text{PEO}_3: \frac{0X1+0X2+20X3+80X4}{100} = 3.80 = 95.00\%$$

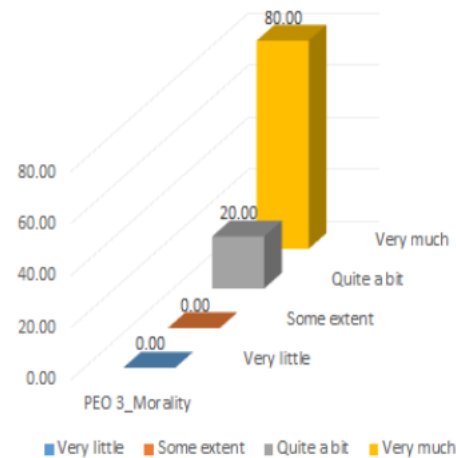
$$\text{PEO}_4: \frac{7.69X1+0X2+0X3+92.31X4}{100} = 3.77 = 94.23\%$$

$$\text{Average} = 3.82 = 95.52\%$$

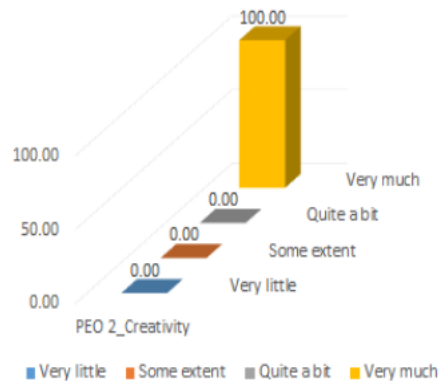
Employer Survey (2019-20)



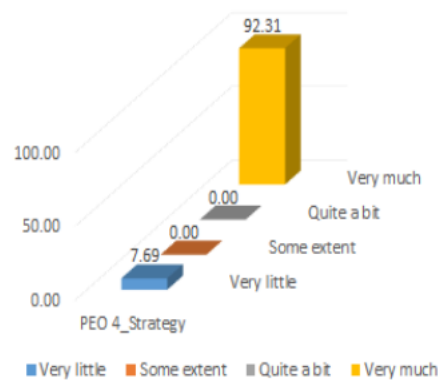
Employer Survey (2019-20)



Employer Survey (2019-20)



Employer Survey (2019-20)



4. Mapping through Faculty (i) 2019-20 (N=20)

$$\text{PEO}_1: \frac{0.0X1 + 0X2 + 3.8X3 + 96.20X4}{100} = 3.96 = 99.05\%$$

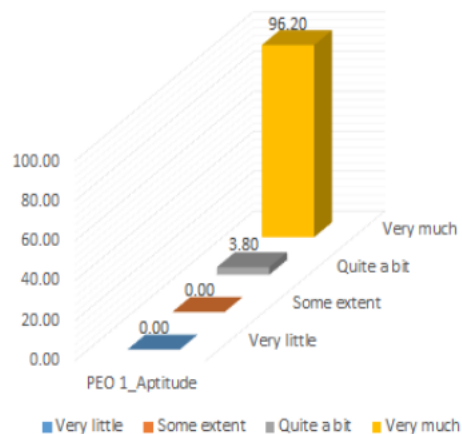
$$\text{PEO}_2: \frac{0.0X1 + 0X2 + 7.69X3 + 92.31X4}{100} = 3.92 = 98.08\%$$

$$\text{PEO}_3: \frac{0.0X1 + 0X2 + 11.69X3 + 88.31X4}{100} = 3.88 = 97.08\%$$

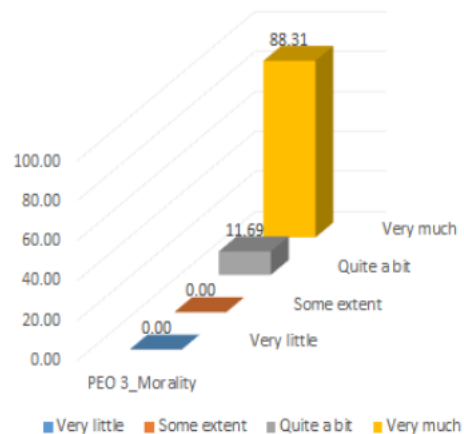
$$\text{PEO}_4: \frac{0.0X1 + 0X2 + 3.80X3 + 96.2X4}{100} = 3.96 = 99.05\%$$

$$\text{Average} = 3.93 = 98.31\%$$

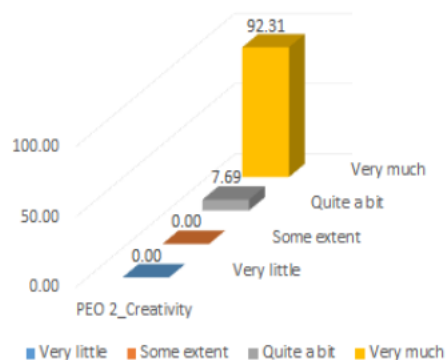
Faculty Survey (2019-20)



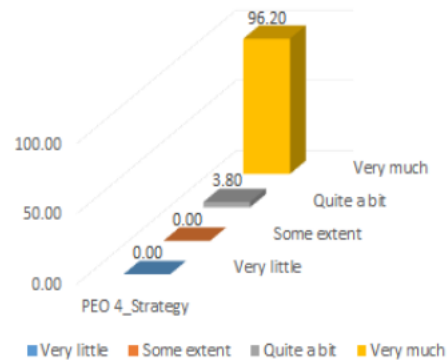
Faculty Survey (2019-20)



Faculty Survey (2019-20)



Faculty Survey (2019-20)



5. Mapping through Management

(i) 2019-20 (N=7)

$$\text{PEO}_1: \frac{0 \times 1 + 0 \times 2 + 0 \times 3 + 100 \times 4}{100} = 4 = 100\%$$

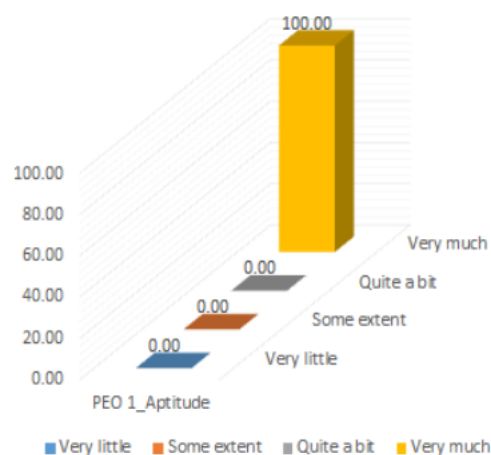
$$\text{PEO}_2: \frac{0 \times 1 + 0 \times 2 + 0 \times 3 + 100 \times 4}{100} = 4 = 100\%$$

$$\text{PEO}_3: \frac{0 \times 1 + 0 \times 2 + 0 \times 3 + 100 \times 4}{100} = 4 = 100\%$$

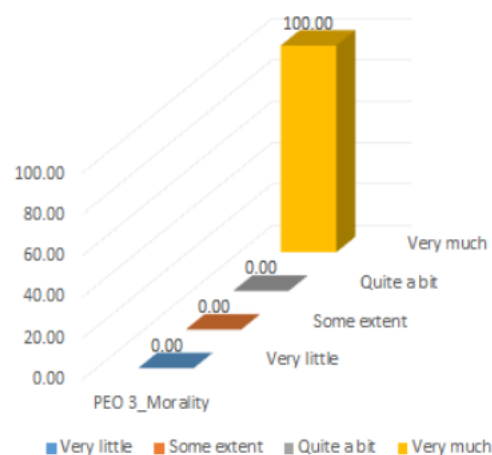
$$\text{PEO}_4: \frac{0 \times 1 + 0 \times 2 + 0 \times 3 + 100 \times 4}{100} = 4 = 100\%$$

$$\text{Average} = 4.0 = 100\%$$

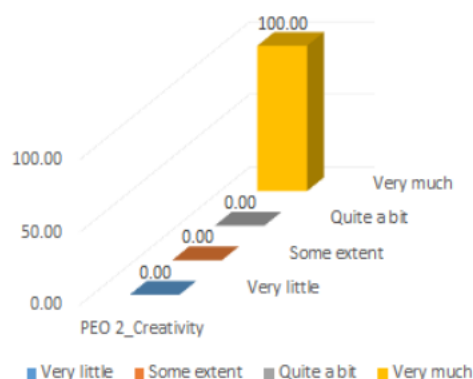
Management Survey (2019-20)



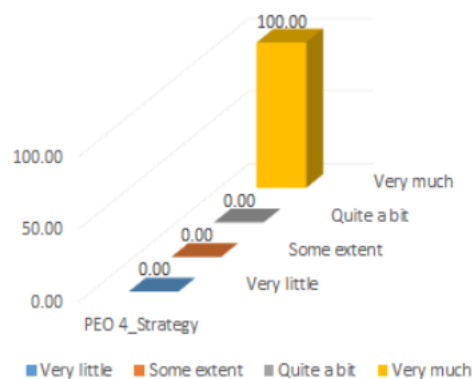
Management Survey (2019-20)



Management Survey (2019-20)



Management Survey (2019-20)



(ii) 2020-21 (N=35)

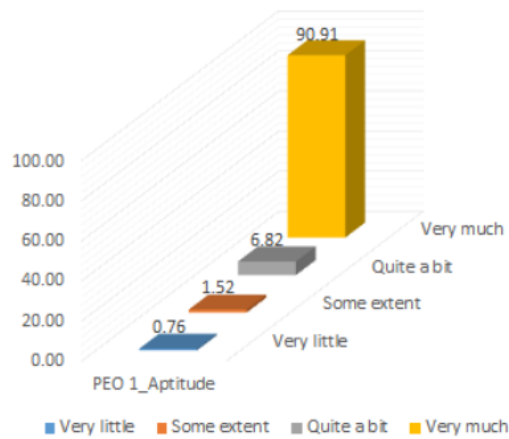
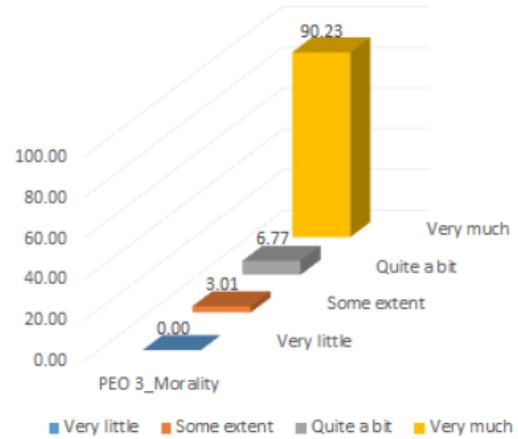
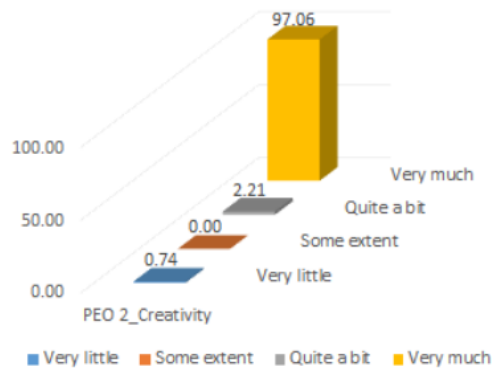
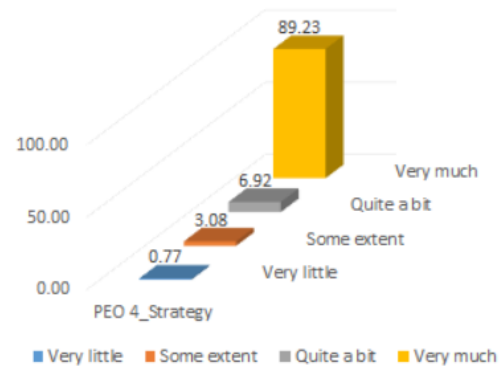
$$\text{PEO}_1: \frac{0.76X1+1.52X2+6.82X3+90.91X4}{100} = 3.88 = 96.97\%$$

$$\text{PEO}_2: \frac{0.74X1+0X2+2.21X3+97.06X4}{100} = 3.96 = 98.90\%$$

$$\text{PEO}_3: \frac{0X1+3.01X2+6.77X3+90.23X4}{100} = 3.87 = 96.80\%$$

$$\text{PEO}_4: \frac{0.77X1+3.08X2+6.92X3+89.23X4}{100} = 3.85 = 96.15\%$$

$$\text{Average} = 3.89 = 97.21\%$$

Alumni Survey (2020-21)**Alumni Survey (2020-21)****Alumni Survey (2020-21)****Alumni Survey (2020-21)****(ii) 2020-21 (N=12)**

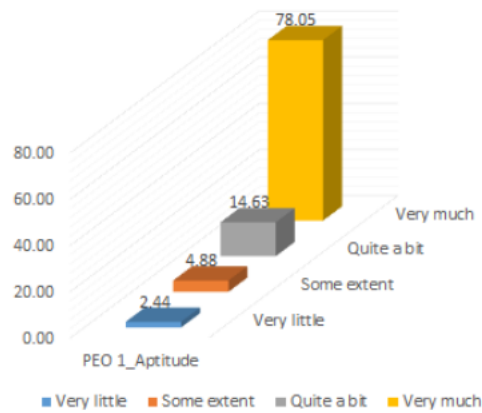
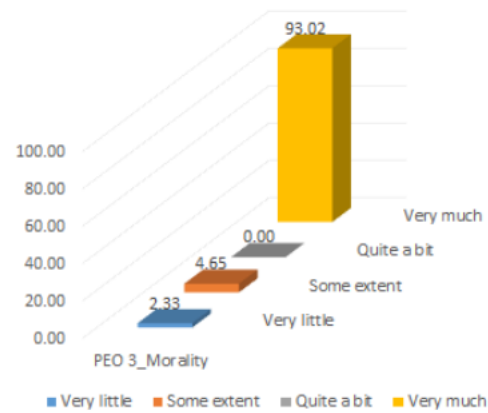
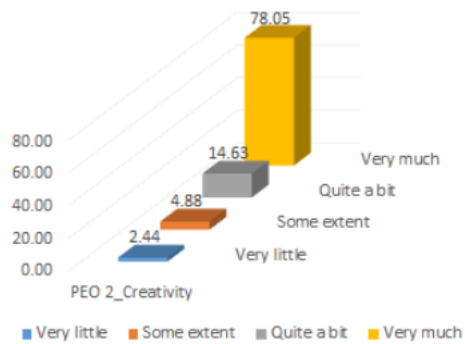
$$\text{PEO}_1: \frac{2.44X1+4.88X2+14.63X3+78.05X4}{100} = 3.68 = 92.07\%$$

$$\text{PEO}_2: \frac{2.44X1+4.88X2+14.63X3+78.05X4}{100} = 3.68 = 92.07\%$$

$$\text{PEO}_3: \frac{2.33X1+4.65X2+0X3+93.02X4}{100} = 3.84 = 95.93\%$$

$$\text{PEO}_4: \frac{2.22X1+0X2+0X3+97.78X4}{100} = 3.93 = 98.33\%$$

$$\text{Average} = 3.78 = 94.60\%$$

Parent Survey (2020-21)**Parent Survey (2020-21)****Parent Survey (2020-21)****Parent Survey (2020-21)****(ii) 2020-21 (N=6)**

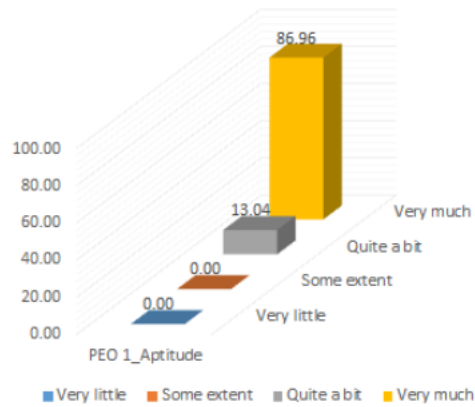
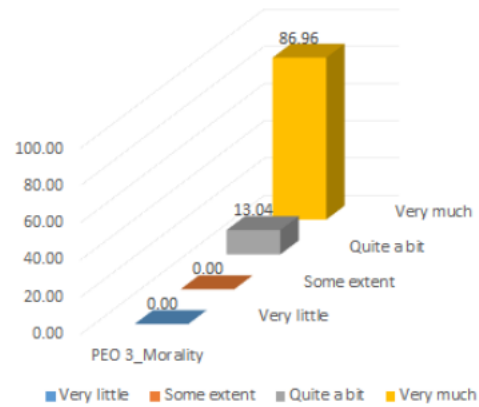
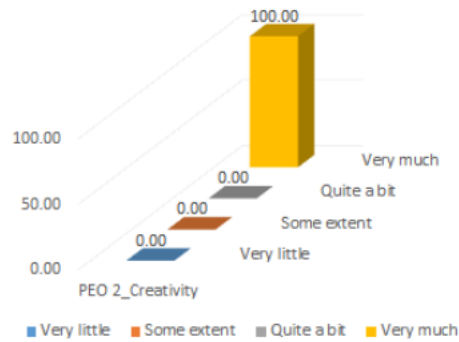
$$\text{PEO}_1: \frac{0X1+0X2+13.04X3+86.96X4}{100} = 3.87 = 96.74\%$$

$$\text{PEO}_2: \frac{0X1+0X2+0X3+100X4}{100} = 4.00 = 100\%$$

$$\text{PEO}_3: \frac{0X1+0X2+13.04X3+86.96X4}{100} = 3.87 = 86.96\%$$

$$\text{PEO}_4: \frac{0X1+9.09X2+0X3+90.91X4}{100} = 3.82 = 90.91\%$$

$$\text{Average} = 3.89 = 97.23\%$$

Employer Survey (2020-21)**Employer Survey (2020-21)****Employer Survey (2020-21)****Employer Survey (2020-21)****(ii) 2020-21 (N=21)**

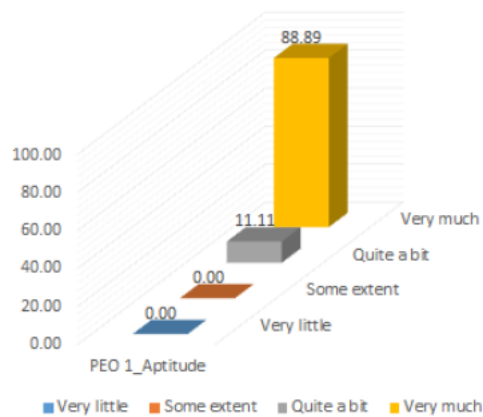
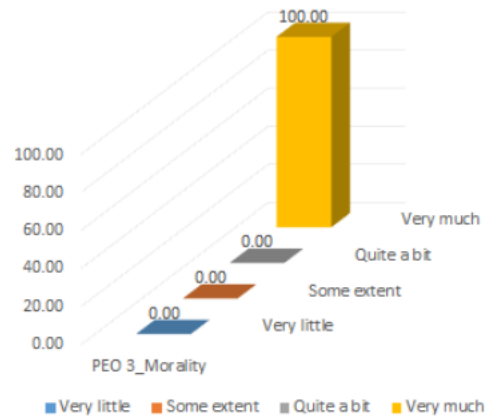
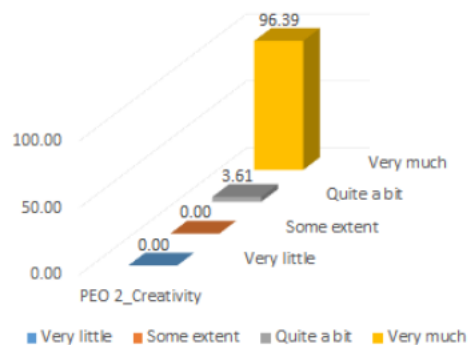
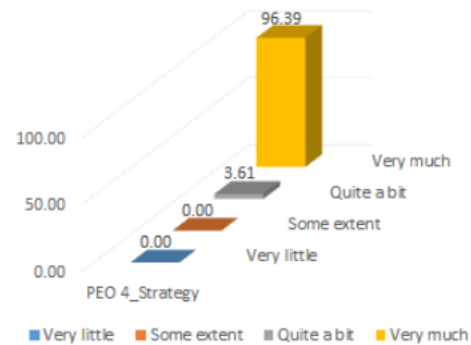
$$\text{PEO}_1: \frac{0X1+0X2+11.11X3+88.89X4}{100} = 3.89 = 97.22\%$$

$$\text{PEO}_2: \frac{0X1+0X2+3.61X3+96.39X4}{100} = 3.96 = 99.10\%$$

$$\text{PEO}_3: \frac{0X1+0X2+0X3+100X4}{100} = 4.0 = 100\%$$

$$\text{PEO}_4: \frac{0X1+0X2+3.61X3+96.39X4}{100} = 3.96 = 99.10\%$$

$$\text{Average} = 3.95 = 98.85\%$$

Faculty Survey (2020-21)**Faculty Survey (2020-21)****Faculty Survey (2020-21)****Faculty Survey (2020-21)****(ii)****2020-21 (N=8)**

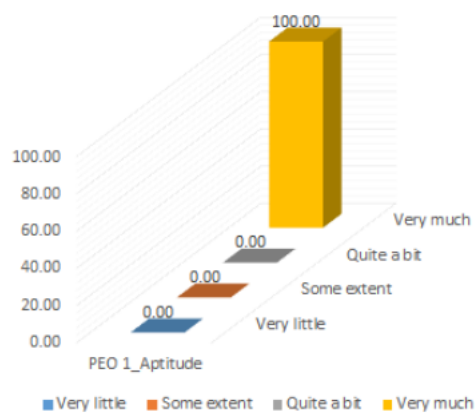
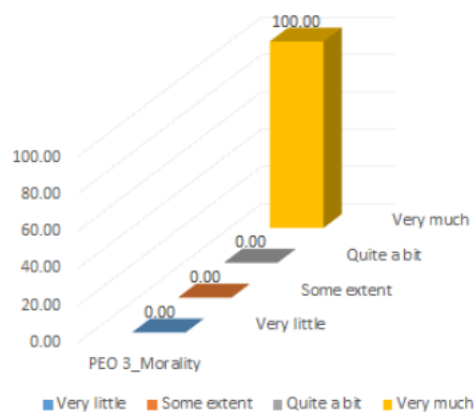
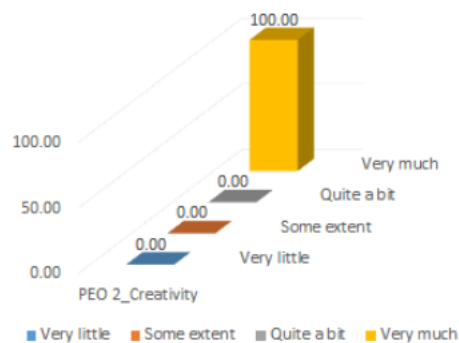
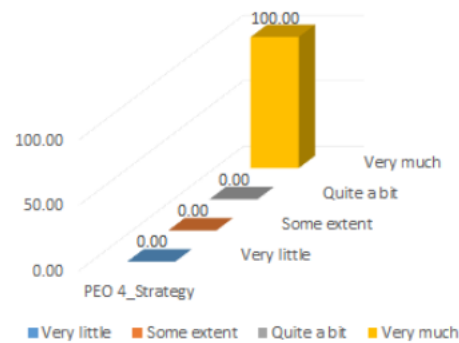
$$\text{PEO}_1: \frac{0X1+0X2+0X3+100X4}{100} = 4 = 100\%$$

$$\text{PEO}_2: \frac{0X1+0X2+0X3+100X4}{100} = 4 = 100\%$$

$$\text{PEO}_3: \frac{0X1+0X2+0X3+100X4}{100} = 4 = 100\%$$

$$\text{PEO}_4: \frac{0X1+0X2+0X3+100X4}{100} = 4 = 100\%$$

$$\text{Average}=4.0=100\%$$

Management Survey (2020-21)**Management Survey (2020-21)****Management Survey (2020-21)****Management Survey (2020-21)****(iii) 2021-22 (N=38)**

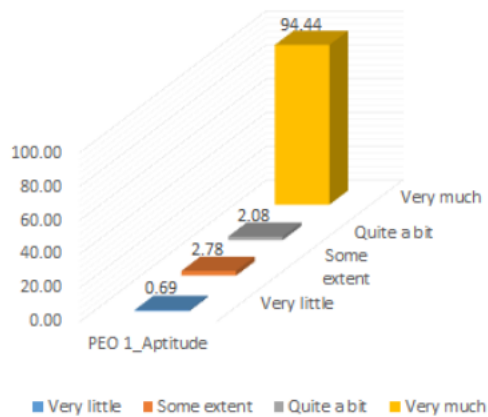
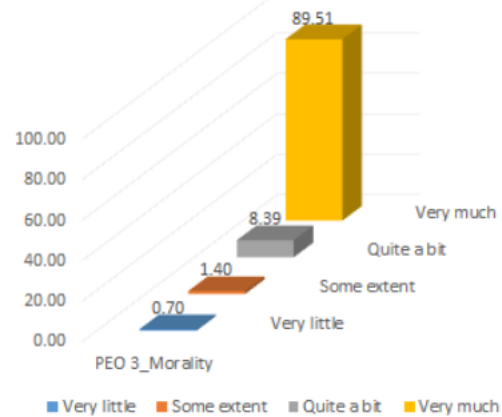
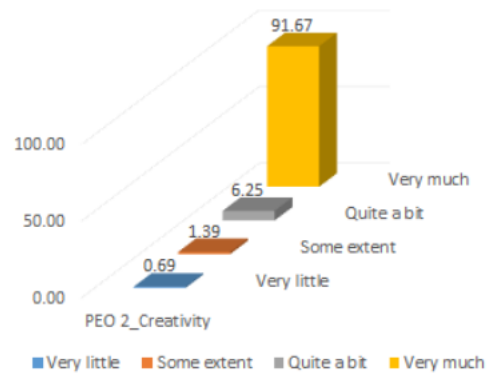
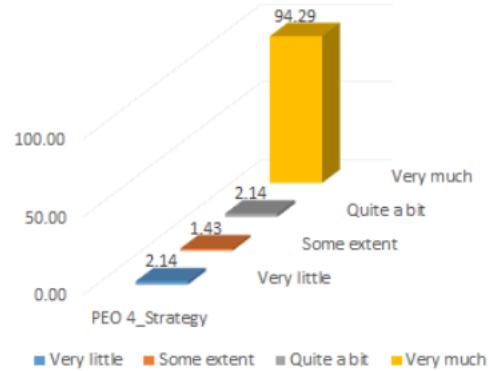
$$\text{PEO}_1: \frac{0.69X1+2.78X2+2.08X3+94.44X4}{100} = 3.90 = 97.15\%$$

$$\text{PEO}_2: \frac{0.69X1+1.39X2+6.25X3+91.67X4}{100} = 3.89 = 97.22\%$$

$$\text{PEO}_3: \frac{0.70X1+1.40X2+8.39X3+89.51X4}{100} = 3.87 = 96.68\%$$

$$\text{PEO}_4: \frac{2.14X1+1.43+2.14X3+94.29X4}{100} = 3.89 = 97.14\%$$

$$\text{Average} = 3.89 = 97.15\%$$

Alumni Survey (2021-22)**Alumni Survey (2021-22)****Alumni Survey (2021-22)****Alumni Survey (2021-22)****(iii) 2021-22 (N=14)**

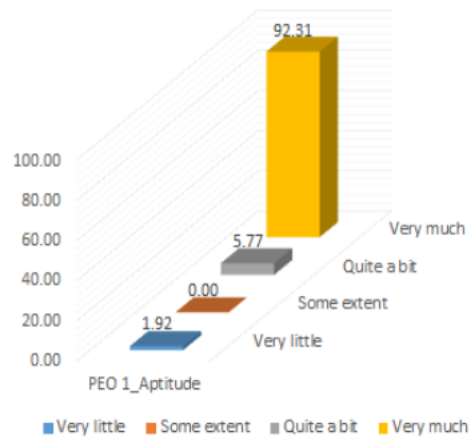
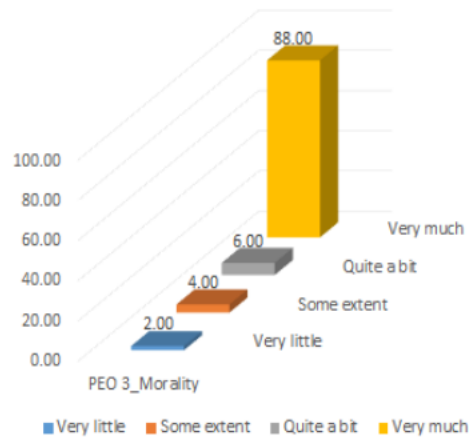
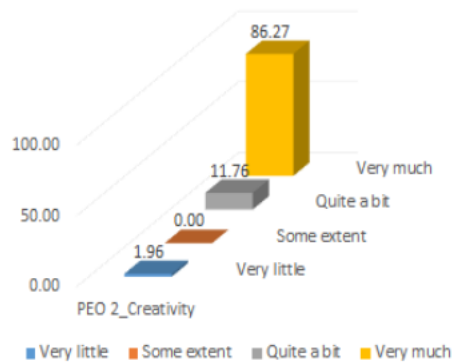
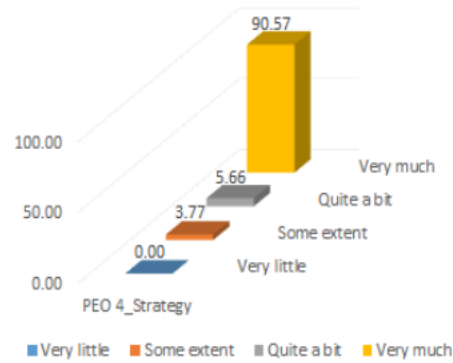
$$\text{PEO}_1: \frac{1.92X1+0X2+5.77X3+92.31X4}{100} = 3.88 = 97.12\%$$

$$\text{PEO}_2: \frac{1.96X1+0X2+11.76X3+86.27X4}{100} = 3.82 = 95.59\%$$

$$\text{PEO}_3: \frac{2X1+4X2+6X3+88.00X4}{100} = 3.80 = 95.00\%$$

$$\text{PEO}_4: \frac{0X1+3.77X2+5.66X3+90.57X4}{100} = 3.87 = 96.70\%$$

$$\text{Average} = 3.84 = 96.10\%$$

Parent Survey (2021-22)**Parent Survey (2021-22)****Parent Survey (2021-22)****Parent Survey (2021-22)****(iii) 2021-22 (N=7)**

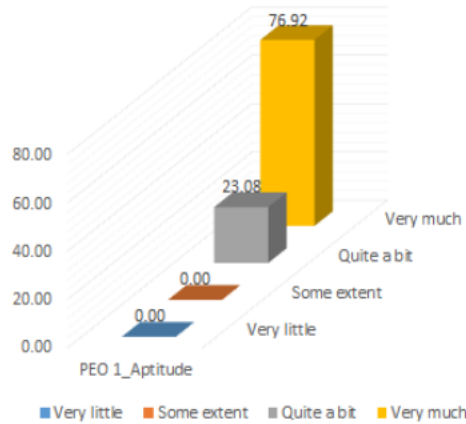
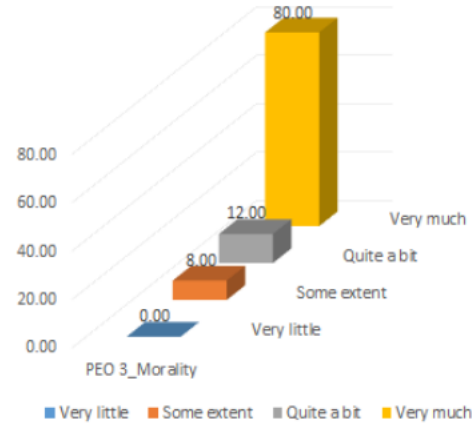
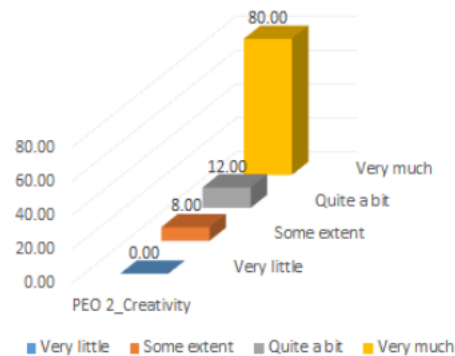
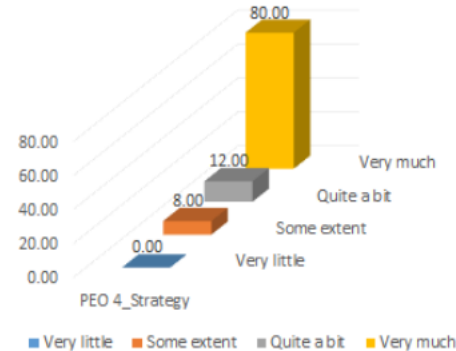
$$\text{PEO}_1: \frac{00X1+00X2+23.08X3+76.92X4}{100} = 3.77 = 94.23\%$$

$$\text{PEO}_2: \frac{00X1+8X2+12X3+80X4}{100} = 3.72 = 93.00\%$$

$$\text{PEO}_3: \frac{00X1+8X2+12X3+80X4}{100} = 3.72 = 93.00\%$$

$$\text{PEO}_4: \frac{00X1+8X2+12X3+80X4}{100} = 3.72 = 93.00\%$$

$$\text{Average}=3.73=93.31\%$$

Employer Survey (2021-22)**Employer Survey (2021-22)****Employer Survey (2021-22)****Employer Survey (2021-22)****(iii) 2021-22 (N=21)**

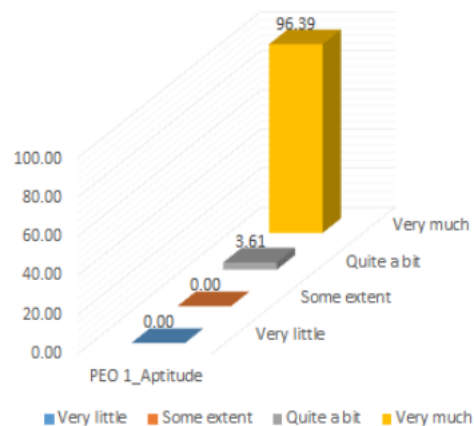
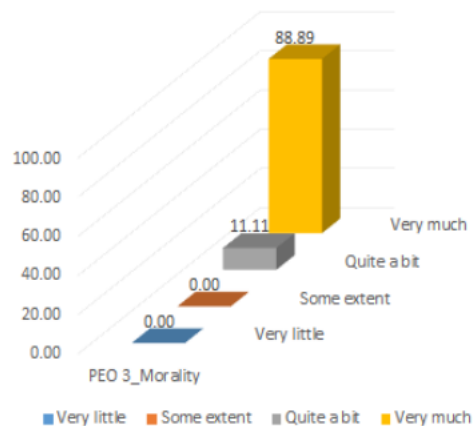
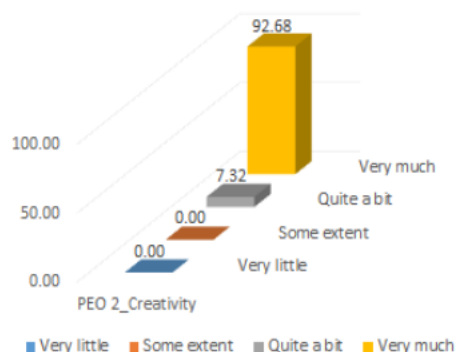
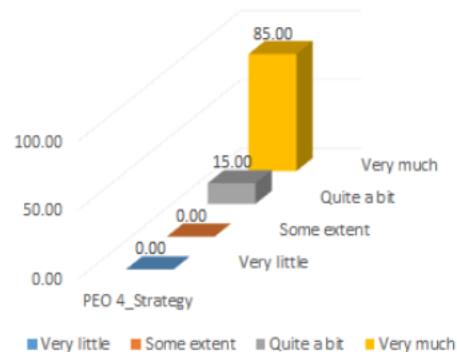
$$\text{PEO}_1: \frac{0X1+0X2+3.61X3+96.39X4}{100} = 3.96 = 99.1\%$$

$$\text{PEO}_2: \frac{0X1+0X2+7.32X3+92.68X4}{100} = 3.93 = 98.17\%$$

$$\text{PEO}_3: \frac{0X1+0X2+11.11X3+88.89X4}{100} = 3.89 = 97.22\%$$

$$\text{PEO}_4: \frac{0X1+0X2+15X3+85.0X4}{100} = 3.85 = 96.25\%$$

$$\text{Average} = 3.91 = 97.68\%$$

Faculty Survey (2021-22)**Faculty Survey (2021-22)****Faculty Survey (2021-22)****Faculty Survey (2021-22)****(iii) 2021-22 (N=9)**

$$\text{PEO}_1: \frac{0X1+0X2+0X3+100X4}{100} = 4 = 100\%$$

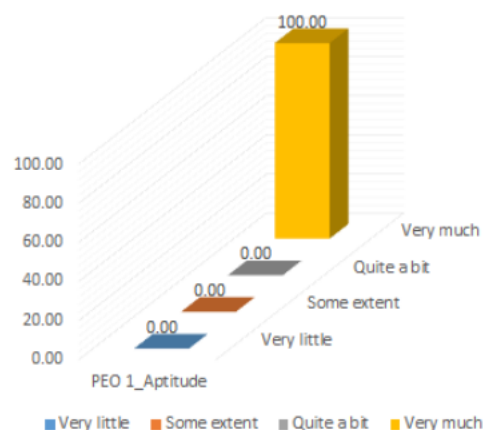
$$\text{PEO}_2: \frac{0X1+0X2+0X3+100X4}{100} = 4 = 100\%$$

$$\text{PEO}_3: \frac{0X1+0X2+0X3+100X4}{100} = 4 = 100\%$$

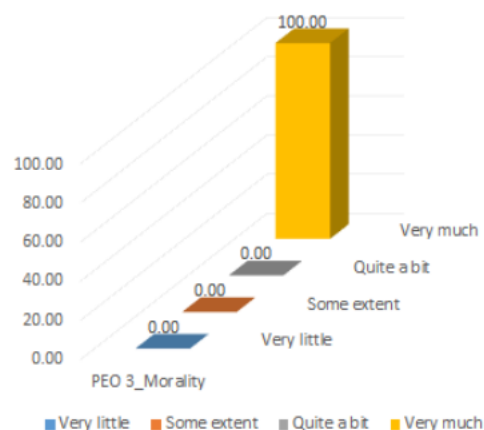
$$\text{PEO}_4: \frac{0X1+0X2+0X3+100X4}{100} = 4 = 100\%$$

$$\text{Average} = 4.0 = 100\%$$

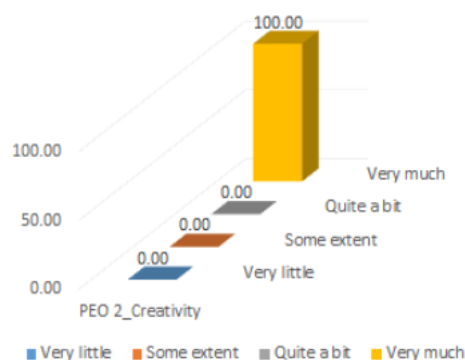
Management Survey (2021-22)



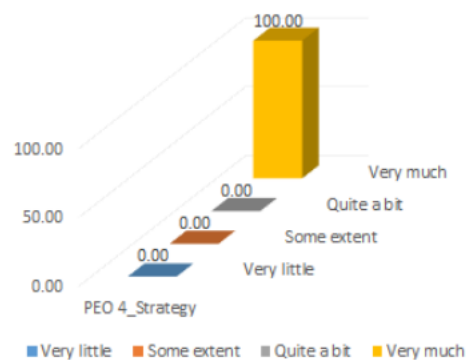
Management Survey (2021-22)



Management Survey (2021-22)



Management Survey (2021-22)



| PEO Statements | M1 | M2 | M3 | M4 |
|---|----|----|----|----|
| Aptitude: To develop graduates as professionals with conceptual knowledge and technical skills required for successful careers in varied domains. | 3 | 3 | 3 | 3 |
| Creativity: To engage students in collaborative research and provide innovative solutions to challenges for the betterment of mankind | 3 | 2 | 3 | 3 |
| Morality: To inculcate professionalism and ethical commitment in the stakeholders to develop healthcare professionals with high moral standards and fundamental human values. | 3 | 3 | 3 | 3 |
| Strategy: To prepare graduates with a multidisciplinary approach encompassing positive perspective, conduct and spirit. | 3 | 2 | 3 | 3 |

| PEO Statements | M1 | M2 | M3 | M4 |
|---|----|----|----|----|
| Aptitude: To develop graduates as professionals with conceptual knowledge and technical skills required for successful careers in varied domains | 3 | 3 | 3 | 3 |
| Creativity: To engage students in collaborative research and provide innovative solutions to challenges for the betterment of mankind. | 3 | 2 | 3 | 3 |
| Morality: To inculcate professionalism and ethical commitment in the stakeholders to develop healthcare professionals with high moral standards and fundamental human values. | 3 | 3 | 3 | 3 |
| Strategy: To prepare graduates with a multidisciplinary approach encompassing positive perspective, conduct and spirit | 3 | 2 | 3 | 3 |

2 PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (150)

Total Marks 150.00

2.1 Program Curriculum (40)

Total Marks 40.00

Faculty of Pharmacy, Babu Banarasi Das Northern India Institute of Technology, Lucknow is permanently affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow (AKTU) since its inception (2001). All the courses – B. Pharm. & M. Pharm. (two specializations) are affiliated to AKTU, Lucknow, Faculty of Pharmacy, Babu Banarasi Das Northern India Institute of Technology, Lucknow follows the syllabus prescribed by the AKTU. As per regulations of AKTU, Lucknow first year, second year, third year and final year B. Pharm. Follows semester system. Thus, total semesters considered are 08. The list of subjects and its structure for the B. Pharm. Course under AKTU, Lucknow are given below. The University continues with the credit marks – pattern for the evaluation and the award of degree to the students.

For current academic year CAY (2022-23), F.Y.B. Pharm, S.Y.B. Pharm and T.Y.B. Pharm courses were conducted as per 2019 pattern (PCI prescribed Syllabus), Final B. Pharm course is also being conducted as per 2019 pattern (PCI prescribed syllabus)

For CAY m1 (2021-22), F.Y.B. Pharm, S.Y.B. Pharm courses were conducted as per 2019 pattern while T.Y.B. Pharm course was conducted as per 2018 pattern PCI prescribed syllabus and Final year B. Pharm course was conducted as per 2015 pattern as per AKTU syllabus.

For current academic year CAY (2021-22), F.Y.B. Pharm, S.Y.B. Pharm and T.Y.B. Pharm courses were conducted as per 2019 pattern, Final B. Pharm course is conducted as per 2018 pattern, i.e. PCI prescribed syllabus

For CAY m2 (2020-21), F.Y.B. Pharm, S.Y.B. Pharm courses were conducted as per 2019 pattern while T.Y.B. Pharm course was conducted as per 2018 pattern PCI prescribed syllabus and Final year B. Pharm course was conducted as per 2017 pattern as per AKTU syllabus.

Content of the Syllabus-Subjects and modes of teaching:

CAY (2022-23):

F. Y. B. Pharm S. Y. B. Pharm T. Y. B. Pharm- 2019 Pattern, Final Year B. Pharm- 2018 Pattern (PCI Prescribed syllabus)

| Course Code | Course Title | Number of hours per week | Tutorial | Marks | | |
|------------------------|---|--------------------------|----------|----------|----------|-------|
| | | | | Internal | External | Total |
| BP101T | Human Anatomy and Physiology I–Theory | 3 | 1 | 25 | 75 | 100 |
| BP102T | Pharmaceutical Analysis I – Theory | 3 | 1 | 25 | 75 | 100 |
| BP103T | Pharmaceutics I – Theory | 3 | 1 | 25 | 75 | 100 |
| BP104T | Pharmaceutical Inorganic Chemistry – Theory | 3 | 1 | 25 | 75 | 100 |
| BP105T | Communication skills –Theory * | 2 | - | 15 | 35 | 50 |
| BP106TRBT BP106TRMT | Remedial Biology/ Remedial Mathematics – Theory* | 2 | - | 15 | 35 | 50 |
| BP107P | Human Anatomy and Physiology –Practical | 4 | - | 15 | 35 | 50 |
| BP108P | Pharmaceutical Analysis I –Practical | 4 | - | 15 | 35 | 50 |
| BP109P | Pharmaceutics I – Practical | 4 | - | 15 | 35 | 50 |
| BP110P | Pharmaceutical Inorganic Chemistry (Practical) | 4 | - | 15 | 35 | 50 |
| BP111P | Communication skills – Practical* | 2 | - | 10 | 15 | 25 |
| BP112RBP | Remedial Biology – Practical* | 2 | - | 10 | 15 | 25 |

| Course Code | Course Title | Number of hours per week | Tutorial | Marks | | |
|-------------|---|--------------------------|----------|----------|----------|-------|
| | | | | Internal | External | Total |
| BP201T | Human Anatomy and Physiology II- Theory | 3 | 1 | 25 | 75 | 100 |
| BP202T | Pharmaceutical Organic Chemistry I | 3 | 1 | 25 | 75 | 100 |

| | | | | | | |
|--------|--|---|---|----|----|-----|
| BP203T | Biochemistry – Theory | 3 | 1 | 25 | 75 | 100 |
| BP204T | Pathophysiology – Theory | 3 | 1 | 25 | 75 | 100 |
| BP205T | Computer Applications in Pharmacy – Theory * | 3 | - | 25 | 50 | 75 |
| BP206T | Environmental sciences – Theory * | 3 | - | 25 | 50 | 75 |
| BP207P | Human Anatomy and Physiology II –Practical | 4 | - | 15 | 35 | 50 |
| BP208P | Pharmaceutical Organic Chemistry- I Practical | 4 | - | 15 | 35 | 50 |
| BP209P | Biochemistry – Practical | 4 | - | 15 | 35 | 50 |
| BP210P | Computer Applications in Pharmacy – Practical* | 4 | - | 10 | 15 | 25 |

| Course Code | Course Title | Number of hours per week | Tutorial | Marks | | |
|-------------|--|--------------------------|----------|----------|----------|-------|
| | | | | Internal | External | Total |
| BP301T | Pharmaceutical Organic Chemistry II – Theory | 3 | 1 | 25 | 75 | 100 |
| BP302T | Physical Pharmaceutics Theory | 3 | 1 | 25 | 75 | 100 |
| BP303T | Pharmaceutical Microbiology-Theory | 3 | 1 | 25 | 75 | 100 |
| BP304T | Pharmaceutical Engineering -Theory | 3 | 1 | 25 | 75 | 100 |
| BP305P | Pharmaceutical Organic Chemistry II- Practical | 4 | - | 15 | 35 | 50 |
| BP306P | Physical Pharmaceutics- I- Practical | 4 | - | 15 | 35 | 50 |
| BP307P | Pharmaceutical Microbiology Practical | 4 | - | 15 | 35 | 50 |
| BP308P | Pharmaceutical Engineering | 4 | - | 15 | 35 | 50 |
| KVE 301 | Universal Human Values & Professional Ethics | 3 | - | 50 | 100 | 150 |

| Course Code | Course Title | Number of hours per week | Tutorial | Marks | | |
|-------------|---|--------------------------|----------|----------|----------|-------|
| | | | | Internal | External | Total |
| BP401T | Pharmaceutical Organic Chemistry III – Theory | 3 | 1 | 25 | 75 | 100 |
| BP402T | Medicinal Chemistry I – Theory | 3 | 1 | 25 | 75 | 100 |
| BP403T | Physical Pharmaceutics II- Theory | 3 | 1 | 25 | 75 | 100 |

| | | | | | | |
|--------|---|---|---|----|----|-----|
| BP404T | Pharmacology I – Theory | 3 | 1 | 25 | 75 | 100 |
| BP405T | Pharmacognosy and Phytochemistry I- Theory | 3 | 1 | 25 | 75 | 100 |
| BP406P | Medicinal Chemistry I- Practical | 4 | - | 15 | 35 | 50 |
| BP407P | Physical Pharmaceutics II- Practical | 4 | - | 15 | 35 | 50 |
| BP408P | Pharmacology I- Practical | 4 | - | 15 | 35 | 50 |
| BP409P | Pharmacognosy and Phytochemistry I- Practical | 4 | - | 15 | 35 | 50 |

| Course Code | Course Title | Number of hours per week | Tutorial | Marks | | |
|-------------|--|--------------------------|----------|----------|----------|-------|
| | | | | Internal | External | Total |
| BP501T | Medicinal Chemistry II – Theory | 3 | 1 | 25 | 75 | 100 |
| BP502T | Industrial Pharmacy I– Theory | 3 | 1 | 25 | 75 | 100 |
| BP503T | Pharmacology II- Theory | 3 | 1 | 25 | 75 | 100 |
| BP504T | Pharmacognosy and Phytochemistry II- Theory | 3 | 1 | 25 | 75 | 100 |
| BP505T | Pharmaceutical Jurisprudence -Theory | 3 | 1 | 25 | 75 | 100 |
| BP506P | Industrial Pharmacy I- Practical | 4 | - | 15 | 35 | 50 |
| BP507P | Pharmacology II- Practical | 4 | - | 15 | 35 | 50 |
| BP508P | Pharmacognosy and Phytochemistry II- Practical | 4 | - | 15 | 35 | 50 |
| BP509P | Report on Hospital Training-I | - | - | - | - | 100 |

| Course Code | Course Title | Number of hours per week | Tutorial | Marks | | |
|-------------|---|--------------------------|----------|----------|----------|-------|
| | | | | Internal | External | Total |
| BP601T | Medicinal Chemistry III – Theory | 3 | 1 | 25 | 75 | 100 |
| BP602T | Pharmacology III- Theory | 3 | 1 | 25 | 75 | 100 |
| BP603T | Herbal Drug Technology- Theory 3 | 3 | 1 | 25 | 75 | 100 |
| BP604T | Biopharmaceutics and Pharmacokinetics- Theory | 3 | 1 | 25 | 75 | 100 |
| BP605T | Pharmaceutical Biotechnology Theory | 3 | 1 | 25 | 75 | 100 |
| BP606P | Quality Assurance - Theory | 3 | 1 | 25 | 75 | 100 |

| | | | | | | |
|--------|---------------------------------------|---|---|----|----|-----|
| BP607P | Medicinal chemistry III- Practical | 4 | - | 15 | 35 | 50 |
| BP608P | Pharmacology III- Practical | 4 | - | 15 | 35 | 50 |
| BP609P | Herbal Drug Technology- Practical | 4 | - | 15 | 35 | 50 |
| BP610P | Report on industrial Training | | | | | 100 |

| Course Code | Course Title | Number of hours per week | Tutorial | Marks | | |
|----------------|---|--------------------------------|----------|----------|----------|-------|
| | | | | Internal | External | Total |
| BP701T | Instrumental Methods of Analysis-Theory | 3 | 1 | 25 | 75 | 100 |
| BP702T | Industrial Pharmacy II- Theory | 3 | 1 | 25 | 75 | 100 |
| BP703T | Pharmacy Practice- Theory | 3 | 1 | 25 | 75 | 100 |
| BP704T | Novel Drug Delivery System-Theory | 3 | 1 | 25 | 75 | 100 |
| BP705P | Instrumental Methods of Analysis-Practical | 4 | - | 15 | 35 | 50 |
| BP706PS | Practice School* | 12 | - | 25 | 125 | 150 |
| BP707P | Report on Hospital Training-II | - | - | - | - | 100 |

| Course Code | Course Title | Number of hours per week | Tutorial | Marks | | |
|-------------|--|--------------------------------|----------|----------|----------|-------|
| | | | | Internal | External | Total |
| BP801T | Biostatistics and Research Methodology | 3 | 1 | 25 | 75 | 100 |
| BP802T | Social and Preventive Pharmacy | 3 | 1 | 25 | 75 | 100 |
| BP803ET | Pharma Marketing Management | 3 | 1 | 25 | 75 | 100 |
| BP804ET | Pharmaceutical Regulatory Sciences | 3 | 1 | 25 | 75 | 100 |
| BP805ET | Pharmacovigilance | 3 | 1 | 25 | 75 | 100 |
| BP806ET | Quality Control and Standardization of Herbals | 3 | 1 | 25 | 75 | 100 |
| BP807ET | Computer Aided Drug Design | 3 | 1 | 25 | 75 | 100 |
| BP808ET | Cell and molecular Biology | 3 | 1 | 25 | 75 | 100 |
| BP809ET | Cosmetic Science | 3 | 1 | 25 | 75 | 100 |
| BP810ET | Experimental Pharmacology | 3 | 1 | 25 | 75 | 100 |
| BP811ET | Advanced Instrumentation Techniques | 3 | 1 | 25 | 75 | 100 |
| BP812ET | Dietary Supplements and Nutraceuticals | 3 | 1 | 25 | 75 | 100 |
| BP812ET | Pharmaceutical Product Development | 3 | 1 | 25 | 75 | 100 |

| | | | | | | |
|---------|------------------------------------|----|---|---|---|-----|
| BP813ET | Pharmaceutical Product Development | - | - | - | - | - |
| BP814PW | Project Work (On Elective) | 12 | - | - | - | 150 |
| BP815P | Report on Industrial Tour | - | - | - | - | 100 |

The students who opted for Mathematics/Physics / Chemistry at HSC will appear for Remedial Biology (RB) course.

The students who opted for Physics /Chemistry/Botany/Zoology at HSC will appear for Remedial Mathematics (RM) course.

*Non University Examination (NUE)

Content of the Syllabus-Subjects and modes of teaching:

CAY m1(2021-22):

F. Y. B. Pharm S. Y. B. Pharm T. Y. B. Pharm- 2019 Pattern, Final Year B. Pharm- 2018 Pattern (PCI Prescribed syllabus)

| Course Code | Course Title | Number of hours per week | Tutorial | Marks | | |
|----------------------|---|--------------------------|----------|----------|----------|-------|
| | | | | Internal | External | Total |
| BP101T | Human Anatomy and Physiology I–Theory | 3 | 1 | 25 | 75 | 100 |
| BP102T | Pharmaceutical Analysis I – Theory | 3 | 1 | 25 | 75 | 100 |
| BP103T | Pharmaceutics I – Theory | 3 | 1 | 25 | 75 | 100 |
| BP104T | Pharmaceutical Inorganic Chemistry – Theory | 3 | 1 | 25 | 75 | 100 |
| BP105T | Communication skills – Theory * | 2 | - | 15 | 35 | 50 |
| BP106RBT BP106RMT | Remedial Biology/ Remedial Mathematics – Theory* | 2 | - | 15 | 35 | 50 |
| BP107P | Human Anatomy and Physiology –Practical | 4 | - | 15 | 35 | 50 |
| BP108P | Pharmaceutical Analysis I – Practical | 4 | - | 15 | 35 | 50 |
| BP109P | Pharmaceutics I – Practical | 4 | - | 15 | 35 | 50 |
| BP110P | Pharmaceutical Inorganic Chemistry (Practical) | 4 | - | 15 | 35 | 50 |
| BP111P | Communication skills – Practical* | 2 | - | 10 | 15 | 25 |
| BP112RBP | Remedial Biology – Practical* | 2 | - | 10 | 15 | 25 |

| Course Code | Course Title | Number of hours per week | Tutorial | Marks | | |
|-------------|---|--------------------------|----------|----------|----------|-------|
| | | | | Internal | External | Total |
| BP201T | Human Anatomy and Physiology II- Theory | 3 | 1 | 25 | 75 | 100 |
| BP202T | Pharmaceutical Organic Chemistry I | 3 | 1 | 25 | 75 | 100 |

| | | | | | | |
|--------|--|---|---|----|----|-----|
| BP203T | Biochemistry – Theory | 3 | 1 | 25 | 75 | 100 |
| BP204T | Pathophysiology–Theory | 3 | 1 | 25 | 75 | 100 |
| BP205T | Computer Applications in Pharmacy – Theory * | 3 | - | 25 | 50 | 75 |
| BP206T | Environmental sciences – Theory * | 3 | - | 25 | 50 | 75 |
| BP207P | Human Anatomy and Physiology II –Practical | 4 | - | 15 | 35 | 50 |
| BP208P | Pharmaceutical Organic Chemistry- I Practical | 4 | - | 15 | 35 | 50 |
| BP209P | Biochemistry –Practical | 4 | - | 15 | 35 | 50 |
| BP210P | Computer Applications in Pharmacy – Practical* | 4 | - | 10 | 15 | 25 |

| Course Code | Course Title | Number of hours per week | Tutorial | Marks | | |
|-------------|---|--------------------------|----------|----------|----------|-------|
| | | | | Internal | External | Total |
| BP301T | Pharmaceutical Organic Chemistry II – Theory | 3 | 1 | 25 | 75 | 100 |
| BP302T | Physical Pharmaceutics- I– Theory | 3 | 1 | 25 | 75 | 100 |
| BP303T | Pharmaceutical Microbiology– Theory | 3 | 1 | 25 | 75 | 100 |
| BP304T | Pharmaceutical Engineering– Theory | 3 | 1 | 25 | 75 | 100 |
| BP305P | Pharmaceutical Organic Chemistry II-Practical | 4 | - | 15 | 35 | 50 |
| BP306P | Physical Pharmaceutics- I- Practical | 4 | - | 15 | 35 | 50 |
| BP307P | Pharmaceutical Microbiology- Practical | 4 | - | 15 | 35 | 50 |
| BP308P | Pharmaceutical Engineering- Practical | 4 | - | 15 | 35 | 50 |
| KVE301 | Universal Human Values & Professional Ethics | 3 | -1 | 50 | 100 | 150 |

| Course Code | Course Title | Number of hours per week | Tutorial | Marks | | |
|-------------|--|--------------------------|----------|----------|----------|-------|
| | | | | Internal | External | Total |
| BP401T | Pharmaceutical Organic Chemistry III– Theory | 3 | 1 | 25 | 75 | 100 |
| BP402T | Medicinal Chemistry I – Theory | 3 | 1 | 25 | 75 | 100 |
| BP403T | Physical Pharmaceutics II – Theory | 3 | 1 | 25 | 75 | 100 |
| BP404T | Pharmacology I –Theory | 3 | 1 | 25 | 75 | 100 |

| | | | | | | |
|--------|---|---|---|----|----|-----|
| BP405T | Pharmacognosy and Phytochemistry I– Theory | 3 | 1 | 25 | 75 | 100 |
| BP406P | Medicinal Chemistry I – Practical | 4 | - | 15 | 35 | 50 |
| BP407P | Physical Pharmaceutics II – Practical | 4 | - | 15 | 35 | 50 |
| BP408P | Pharmacology I – Practical | 4 | - | 15 | 35 | 50 |
| BP409P | Pharmacognosy and Phytochemistry I – Practical | 4 | - | 15 | 35 | 50 |

| Course Code | Course Title | Number of hours per week | Tutorial | Marks | | |
|-------------|---|--------------------------------|----------|----------|----------|-------|
| | | | | Internal | External | Total |
| BP501T | Medicinal Chemistry II – Theory | 3 | 1 | 25 | 75 | 100 |
| BP502T | Industrial Pharmacy I– Theory | 3 | 1 | 25 | 75 | 100 |
| BP503T | Pharmacology II – Theory | 3 | 1 | 25 | 75 | 100 |
| BP504T | Pharmacognosy II– Theory | 3 | 1 | 25 | 75 | 100 |
| BP505T | Pharmaceutical Jurisprudence– Theory | 3 | 1 | 25 | 75 | 100 |
| BP506P | Industrial Pharmacy I – Practical | 4 | - | 15 | 35 | 50 |
| BP507P | Pharmacology II – Practical | 4 | - | 15 | 35 | 50 |
| BP508P | Pharmacognosy II – Practical | 4 | - | 15 | 35 | 50 |

| Course Code | Course Title | Number of hours per week | Tutorial | Marks | | |
|-------------|---|--------------------------------|----------|----------|----------|-------|
| | | | | Internal | External | Total |
| BP601T | Medicinal Chemistry III – Theory | 3 | 1 | 25 | 75 | 100 |
| BP602T | Pharmacology III – Theory | 3 | 1 | 25 | 75 | 100 |
| BP603T | Herbal Drug Technology – Theory 3 | 3 | 1 | 25 | 75 | 100 |
| BP604T | Biopharmaceutics and Pharmacokinetics – Theory | 3 | 1 | 25 | 75 | 100 |
| BP605T | Pharmaceutical Biotechnology – Theory | 3 | 1 | 25 | 75 | 100 |
| BP606T | Quality Assurance – Theory | 3 | 1 | 25 | 75 | 100 |

| | | | | | | |
|--------|--|---|---|----|----|----|
| BP607P | Medicinal chemistry III – Practical | 4 | - | 15 | 35 | 50 |
| BP608P | Pharmacology III – Practical | 4 | - | 15 | 35 | 50 |
| BP609P | Herbal Drug Technology – Practical | 4 | - | 15 | 35 | 50 |

| Course Code | Course Title | Number of hours per week | Tutorial | Marks | | |
|-------------|---|--------------------------------|----------|----------|----------|-------|
| | | | | Internal | External | Total |
| BP701T | Instrumental Methods of Analysis – Theory | 3 | 1 | 25 | 75 | 100 |
| BP702T | Industrial Pharmacy II – Theory | 3 | 1 | 25 | 75 | 100 |
| BP703T | Pharmacy Practice – Theory | 3 | 1 | 25 | 75 | 100 |
| BP704T | Novel Drug Delivery System – Theory | 3 | 1 | 25 | 75 | 100 |
| BP705P | Instrumental Methods of Analysis – Practical | 4 | - | 15 | 35 | 50 |
| BP706PS | Practice School* | 12 | - | 25 | 125 | 150 |
| BP707P | Report on Hospital Training* | - | - | - | - | 100 |

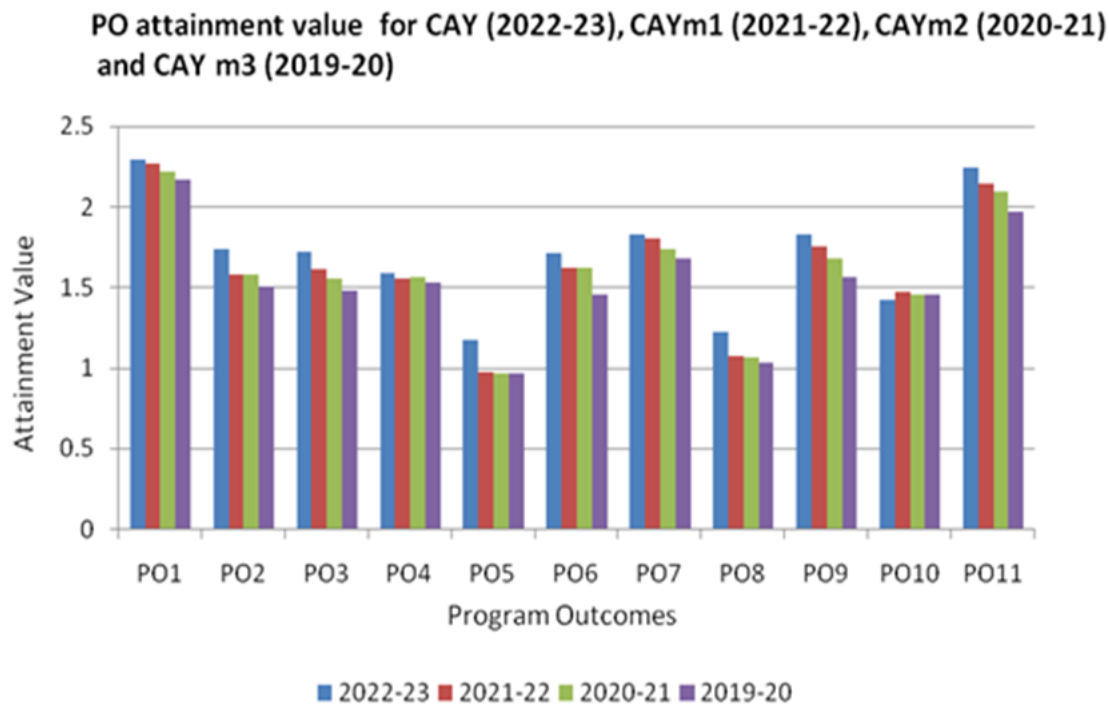
| Course Code | Course Title | Number of hours per week | Tutorial | Marks | | |
|-------------|---|--------------------------------|----------|----------|----------|-------|
| | | | | Internal | External | Total |
| BP801T | Biostatistics and Research Methodology | 3 | 1 | 25 | 75 | 100 |
| BP802T | Social and Preventive Pharmacy | 3 | 1 | 25 | 75 | 100 |
| BP803ET | Pharma Marketing Management | 3 | 1 | 25 | 75 | 100 |
| BP804ET | Pharmaceutical Regulatory Science | 3 | 1 | 25 | 75 | 100 |
| BP805ET | Pharmacovigilance | 3 | 1 | 25 | 75 | 100 |
| BP806ET | Quality Control and Standardization of Herbals | 3 | 1 | 25 | 75 | 100 |
| BP807ET | Computer Aided Drug Design | 3 | 1 | 25 | 75 | 100 |
| BP808ET | Cell and Molecular Biology | 3 | 1 | 25 | 75 | 100 |
| BP809ET | Cosmetic Science | 3 | 1 | 25 | 75 | 100 |
| BP810ET | Experimental Pharmacology | 3 | 1 | 25 | 75 | 100 |
| BP811ET | Advanced Instrumentation Techniques | 3 | 1 | 25 | 75 | 100 |

| | | | | | | |
|---------|--|----|---|----|-----|-----|
| BP812ET | Dietary Supplements and Nutraceuticals | 3 | 1 | 25 | 75 | 100 |
| BP813ET | Pharmaceutical Product Development | 5 | - | 25 | 125 | 150 |
| BP814PW | Project Work (on Elective) | 12 | - | - | - | 150 |
| BP815P | Report on Industrial Tour | - | - | - | - | 100 |

The syllabus prescribed by AKTU; Lucknow is correlated with Program Outcomes as per NBA.

Teaching learning Process is modified to attain PEOs and Pos.

| PO NO. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|--|------|------|------|------|------|------|------|------|------|------|------|
| PO ATTAINMENT VALUE (2022-23) | 2.29 | 1.74 | 1.72 | 1.59 | 1.17 | 1.71 | 1.83 | 1.22 | 1.83 | 1.42 | 2.24 |
| PO ATTAINMENT VALUE CAYm1 (2021-22) | 2.27 | 1.60 | 1.61 | 1.56 | 0.97 | 1.62 | 1.80 | 1.07 | 1.75 | 1.47 | 2.14 |
| PO ATTAINMENT VALUE CAYm2 (2020-21) | 2.22 | 1.58 | 1.55 | 1.55 | 0.96 | 1.61 | 1.74 | 1.06 | 1.68 | 1.45 | 2.09 |
| PO ATTAINMENT VALUE CAYm3 (2019-20) | 2.17 | 1.50 | 1.48 | 1.53 | 0.95 | 1.45 | 1.68 | 1.03 | 1.56 | 1.44 | 1.97 |



Maximum level is attained by PO1, PO2, PO3, PO4, PO6, PO7, PO9 & PO11 (Pharmacy knowledge, Planning Ability, Problem analysis, Modern tool usage, Professional Identity, Pharmaceutical Ethics, The Pharmacist & Society and Life-Long Learning), minimum level is attained by PO5 (Leadership skills) and PO8 (Communication), a large number of Pos are covered by laboratory components.

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

Institute Marks : 20.00

2022-23

| S.No | Gap | Action Taken | Date-Month-Year | Resource Person with Designation | No of students Present | Relevance to POs |
|------|----------------|------------------|-----------------|----------------------------------|------------------------|-------------------|
| 1 | Career opportu | Career opportu | 14/10/2022 | Mrs. Ankita Hemnani (Head | 110 | 1,3,6,8,11 |
| 2 | Research and | Azoles as antin | 21/11/2022 | Dr. Rohit Singh (Assistant I | 150 | 1,2,3,4,6,11 |
| 3 | Career Opport | Career aspects | 23/11/2022 | Mr. Durga Shankar Dubey (| 170 | 1,3,6,8,11 |
| 4 | Neuropharmac | Development o | 07/02/2023 | Dr. Vikas Mishra (Assistant | 165 | 1,3,4,6,7,11 |
| 5 | Health Educati | Various skin ty | 10/02/2023 | Dr Prabha Singh (Skin Spe | 190 | 1, 3, 9,10 |
| 6 | Research and | Gene therapy | 13/03/2023 | Mr. Sunil Jaiswal (Group Le | 200 | 1, 3, 4, 6, 7, 11 |
| 7 | Leadership Ski | An expert talk c | 18/06/2023 | Ms. Komal Tiwari (Buisines | 105 | 1,2,5,6,8,9,1 1 |

2021-22

| S.No | Gap | Action Taken | Date-Month-Year | Resource Person with Designation | No of students Present | Relevance to POs |
|------|------------------|-----------------|-----------------|----------------------------------|------------------------|------------------|
| 1 | In-Silico Pharm | Concept of ML | 16/09/2021 | Dr. Girinath Pillai (Director, I | 52 | 1,3,4,7,10,11 |
| 2 | Quality Control | Need of contro | 28/09/2023 | Mr. Rajpati Yadav (Senior E | 55 | 1,2,3,4,6,7,10 |
| 3 | Basics and app | Sarcopenia and | 12/10/2021 | Dr. Sapana Kushwaha (Ass | 95 | 1,3,4,7,10,11 |
| 4 | Leadership skil | Leadership and | 10/01/2022 | Dr. M.K. Rastogi (Professor | 115 | 1,3,5,6,8,11 |
| 5 | Synthesis of sn | Methods to syn | 21/02/2022 | Dr. Ashok K. Shakya (Profe | 54 | 1,3,4,7, 11 |
| 6 | Drug Delivery f | An outline on c | 07/03/2022 | Dr. Subhash Dwivedi (Post- | 81 | 1,3,4,6,7,10,11 |
| 7 | Formulation de | Newer approac | 06/04/2022 | Dr. Sanjay Tiwari (Associat | 68 | 1,2,3,4,5, 7,10, |
| 8 | In-silico Drug C | Basics of mach | 05/05/2022 | Dr. Sindila Dutta Banik (Ap | 40 | 1,3,4,7, 10,11 |
| 9 | Stress Manage | Stress manage | 17/05/2022 | Dr. Nimisha Vandan (Co-fo | 70 | 2,5,7,8,9,11 |

2020-21

| S.No | Gap | Action Taken | Date-Month-Year | Resource Person with Designation | No of students Present | Relevance to POs |
|------|------------------|-----------------|-----------------|----------------------------------|------------------------|-------------------|
| 1 | Approaches in | Theory pertaini | 12/08/2020 | Dr. Amit Verma (Director, TF | 109 | 1,2,3,4,10,11 |
| 2 | Holistic treatme | Use of modaliti | 23/09/2020 | Ms. Shivi Krishni (Certified I | 155 | 3,4,6,8,9,11 |
| 3 | Regulatory toxi | Comprehensiv | 11/11/2020 | Dr. Sapana Kushwaha (Ass | 74 | 1,3,6,7,8,9,11 |
| 4 | Drug Design ar | Concept and us | 03/12/2020 | Dr. Girinath Pillai (Director, I | 55 | 1,3,4,5,6,7,10,11 |
| 5 | Method develo | Analytical meth | 17/02/2021 | Mr. Ajay Singh Rahuvanshi | 83 | 1,3,4,6,7,10,11 |

2.1.3 Adherence to Academic Calendar (10)

Institute Marks : 10.00

Academic Calendar -Cay (2022-23)

| Year/ Sem | Date of Commencement | | Practical sessional Exam | | Theory Sessional Exam | | University Practical Exam | University Theory Exam |
|--|-------------------------|-----------------|-----------------------------|--------------------|--|---|---------------------------------|-------------------------------|
| | Proposed | Actual | Proposed | Actual | Proposed | Actual | Actual | Actual |
| B. Pharm. First Year Sem I | Sept 01, 2022 | Nov 24, 2022 | Continuous mode | Continuous mode | I: Jan, 2023 II/Spl: Feb/Mar, 2023 | I: 06.01.2023 – 13.01.2023 II: 20.02.2023 – 24.02.2023 Spl: 10.03.2023 – 11.03.2023 | 15.03.2023 – 16.03.2023 | 20.03.2023 – 04.04.2023 |
| B. Pharm First Year Sem II | Feb 15, 2023 | Apr 10, 2023 | Continuous mode | Continuous mode | I: May, 2023 II/Spl: July, 2023 | I: 15.05.2023 – 22.05.2023 II: 06.07.2023 – 13.07.2023 | 16.08.2023 – 18.08.2023 | 28.07.2023- 05.08.2023 |
| B. Pharm. Second Year Sem III | Sept 01, 2022 | Aug 22, 2022 | Continuous mode | Continuous mode | I: Oct, 2022 II/Spl: Jan/Feb, 2023 | I: 17.10.2022 – 21.10.2022 II: 09.01.2023 – 13.01.2023 Spl: 20.02.2023 – 24.02.2023 | 14.03.2023 – 16.03.2023 | 20.03.2023 – 04.04.2023 |
| B. Pharm. Second Year Sem IV | Feb 15, 2023 | Apr 10, 2023 | Continuous mode | Continuous mode | I: May, 2023 II/Spl: July, 2023 | I: 15.05.2023 – 22.05.2023 II: 06.07.2023 – 13.07.2023 | 16.08.2023- 19.08.2023 | 31.07.2023- 11.08.2023 |
| B. Pharm. Third Year Sem V | Sept 01, 2022 | Aug 22, 2022 | Continuous mode | Continuous mode | I: Oct, 2022 II/Spl: Dec, 2023 | I: 17.10.2022 – 21.10.2022 II: 12.12.2022 – 16.12.2022 Spl: 19.12.2022 – 20.12.2022 | 19.01.2023 – 23.01.2023 | 04.01.2023 – 28.01.2023 |
| B. Pharm Third Year Sem VI | Jan 21, 2023 | Feb 01, 2023 | Continuous mode | Continuous mode | I: Mar, 2023 II/Spl: April/May, 2023 | I: 20.03.2023 – 27.03.2023 II: 15.05.2023 – 24.05.2023 | 27.05.2023- 30.05.2023 | 12.06.2023 – 24.06.2023 |
| B. Pharm Final Year Sem VII | Aug 16, 2022 | Aug 22, 2022 | Continuous mode | Continuous mode | I: Oct, 2022 II/Spl: Dec, 2023 | I: 17.10.2022 – 21.10.2022 II: 12.12.2022 – 16.12.2022 Spl: 19.12.2022 – 20.12.2022 | 23.01.2023 – 24.01.2023 | 04.01.2023 – 28.01.2023 |
| B. Pharm Final Year Sem VIII | Jan 21, 2023 | Feb 01, 2023 | Continuous mode | Continuous mode | I: Mar, 2023 II/Spl: April/May, 2023 | I: 20.03.2023 – 23.03.2023 II: 05.05.2023 – 10.05.2023 Spl: 23.05.2023- 24.05.2023 | 29.05.2023- 30.05.2023 | 09.06.2023- 21.06.2023 |

| Event | Proposed | Actual |
|-------------------------|----------|--------|
| Extracurricular Events: | | |

| | | |
|--|---------------------------------|---------------------------------|
| Induction Program for First Year B. Pharm. | Last week of September | First week of December |
| Ganpathi Utsav Celebrations | 31.08.2022 – 03.09.2022 | 31.08.2022 – 03.09.2022 |
| AKTU Sports Fest (Zonal Level) | 14.09.2022-15.09.2022 | 14.09.2022-15.09.2022 |
| World Pharmacist's Day | 25.09.2022 | 25.09.2022 |
| Sports Activity | Third week of November | 21.11.22 – 23.11.2022 |
| Theme-based Logo designing Competition | Third week of November | 21.11.2022 |
| NPW- 2022 | 20.11.22 – 26.11.2022 | 21.11.22 – 23.11.2022 |
| Notice board decoration competition | Third week of November | 21.11.2022 |
| Pot decoration competition | Third week of November | 21.11.2022 |
| Just a minute | Third week of November | 21.11.2022 |
| Health check-up camp | Third week of November | 22.11.2022 |
| Best out of waste competition | Third week of November | 22.11.2022 |
| Alpana making competition | Third week of November | 22.11.2022 |
| Debate competition | Third week of November | 22.11.2022 |
| Blood Donation Camp | Third week of November | 22.11.2022 |
| Quiz Competition | Third week of November | 23.11.2022 |
| Nukkad natak | Third week of November | 23.11.2022 |
| Pencil sketcking | Third week of November | 23.11.2022 |
| Collage competition | Third week of November | 23.11.2022 |
| Glass painting competition | Third week of November | 23.11.2022 |
| Star night | 31.03.2023 | 31.03.2023 |
| Co-curricular events: | | |
| Guest lectures | Throughout the academic session | Throughout the academic session |
| Industrial visit and Hospital training | As per the requirement | As per the requirement |

Academic Calendar -CAY m2 (2021-22)

| Year/Sem | Date of Commencement | | Practical Sessional Exam | | Theory Sessional Exam | | University Practical Exam | University Theory Exam |
|----------------------------------|----------------------|------------|--------------------------|-----------------|---------------------------------------|--|---------------------------|--------------------------|
| | Proposed | Actual | Proposed | Actual | Proposed | Actual | Actual | Actual |
| B. Pharm. First Year Sem I | Oct 01, 2021 | 22.11.2021 | Continuous mode | Continuous mode | I: Feb, 2022 II/Special: Mar, 2022 | I: 01.02.2022 – 04.02.2022 (online) II: 02.03.2022 – 04.03.2022 Spl: 14.03.2022 – 16.03.2022 | 08.03.2022 11.03.2022 | 22.03.2022 06.04.2022 |

| | | | | | | | | |
|--|------------------|------------|--------------------|--------------------|--|--|-------------------------------|-------------------------------|
| B. Pharm First Year Sem II | Apr 11, 2022 | 04.04.2022 | Continuous mode | Continuous mode | I: May, 2022 II/Special: Jul, 2022 | I: 18.05.2022 - 25.05.2022 II: 27.06.2022 - 01.07.2022 | 19.07.2022 - 22.07.2022 | 29.07.2022 - 22.08.2022 |
| B. Pharm. Second Year Sem III | Sept 12, 2021 | 13.09.2021 | Continuous mode | Continuous mode | I: Oct, 2022 II/Special: Dec, 2022 | I: 27.10.2021 - 02.11.2021 II: 01.02.2022 - 04.02.2022 (online) Spl: 21.02.2022 - 28.02.2022 | 08.03.2022 - 10.03.2022 | 22.03.2022 - 06.04.2022 |
| B. Pharm. Second Year Sem IV | Apr 11, 2022 | 04.04.2022 | Continuous mode | Continuous mode | I: May, 2022 II/Special: Jul, 2022 | I: 18.05.2022 - 24.05.2022 II: 27.06.2022 - 01.07.2022 | 19.07.2022 - 22.07.2022 | 29.07.2022 - 22.08.2022 |
| B. Pharm. Third Year Sem V | Sept 10, 2021 | 13.09.2021 | Continuous mode | Continuous mode | I: Oct, 2022 II/Special: Dec, 2022 | I: 27.10.2021 - 02.11.2021 II: 16.12.2021 - 22.12.2021 (online) Spl: 23.12.2021 - 24.12.2021 | 17.01.2022 - 20.01.2022 | 28.12.2021 - 16.01.2022 |
| B. Pharm Third Year SemVI | Feb 01, 2022 | 01.02.2022 | Continuous mode | Continuous mode | I: Mar, 2022 II/Special: May, 2022 | I: 22.03.2022 - 29.03.2022 II: 12.05.2022 - 19.05.2022 | 27.05.2022 - 01.06.2022 | 04.06.2022 - 25.06.2022 |
| B. Pharm Final Year SemVII | Sept 10, 2021 | 06.09.2021 | Continuous mode | Continuous mode | I: Oct, 2022 II/Special: Dec, 2022 | I: 28.10.2021 - 02.11.2021 II: 16.12.2021 - 21.12.2021 Spl: 23.12.2021 - 24.12.2021 | 17.01.2022 - 19.01.2021 | 28.12.2021 - 16.01.2022 |

| | | | | | | | | |
|------------------------------------|-----------------|------------|--------------------|--------------------|---|---|-------------------------------|-------------------------------|
| B. Pharm Final Year Sem VIII | Feb 01, 2022 | 01.02.2022 | Continuous mode | Continuous mode | I: Mar, 2022 II/Special: II: May, 2022 | I: 22.03.2022 - 25.03.2022 II: 16.05.2022 - 19.05.2022 | 27.05.2022 - 30.05.2022 | 04.06.2022 - 25.06.2022 |
|------------------------------------|-----------------|------------|--------------------|--------------------|---|---|-------------------------------|-------------------------------|

| <i>Event</i> | <i>Proposed</i> | <i>Actual</i> |
|--|---------------------------------|---------------------------------|
| Extracurricular Events: | | |
| Induction Program for First Year B. Pharm. | Last week of September | Fourth week of November |
| Ganpathi Utsav Celebrations | 10.09.2021 | 10.09.2021 – 14.09.2021 |
| World Pharmacist's Day | 25.09.2021 | 25.09.2021 |
| AKTU Sports Fest (Zonal level) | 22.11.2021-23.11.2021 | 22.11.2021-23.11.2021 |
| NPW- 2021 | 17.11.2021 – 23.11.2021 | 24.11.2021 to 26.11.2021 |
| Blood Donation Camp | Third/fourth week of November | 24.11.2021 |
| Sports Activity | Third/fourth week of November | 24.11.2021 to 26.11.2021 |
| Theme-based Poster making Competition | Third/fourth week of November | 24.11.2021 |
| Rangoli competition | Third/fourth week of November | 24.11.2021 |
| Quiz Competition | Third/fourth week of November | 26.11.2021 |
| Creative writing competition | Third/fourth week of November | 24.11.2021 |
| Glass painting competition | Third/fourth week of November | 25.11.2021 |
| Notice board decoration competition | Third/fourth week of November | 25.11.2021 |
| Debate competition | Third/fourth week of November | 25.11.2021 |
| Just three minute | Third/fourth week of November | 26.11.2021 |
| Star night (Meet Brothers) | 31.03.2022 | 31.03.2022 |
| Co-curricular events: | | |
| Guest lectures | Throughout the academic session | Throughout the academic session |
| Industrial visit and Hospital training | As per the requirement | As per the requirement |

Academic Calendar -CAY m2 (2020-21)

| Year/Sem | Date of Commencement | | Practical Sessional Exam | | Theory Sessional Exam | | University Practical Exam | University Theory Exam |
|----------------------------------|----------------------|---|--|--|--|---|---|-----------------------------------|
| | Proposed | Actual | Proposed | Actual | Proposed | Actual | Actual | Actual |
| B. Pharm. First Year Sem I | Nov 24, 2020 | Dec 03, 2020 | Continuous mode | Continuous mode | I: Jan, 2021 (online) II/Spl: Feb/Mar, 2021 | I: 11.01.2021 – 14.01.2021 (online) II: 22.02.2021 – 27.02.2021 Spl: 01.03.2021 – 03.03.2021 | 22.03.2021 - 24.03.2021 | 09.03.2021 - 19.03.2021 |
| B. Pharm First Year Sem II | Apr 01, 2021 | Apr 05, 2021 (online due to COVID- 19 situation) | Online due to COVID- 19 situation | Online due to COVID- 19 situation | Online due to COVID- 19 situation | 28.07.2021 – 04.08.2021 (online) | 01.09.2021 - 03.09.2021 (online) | 21.08.2021 onwards (online) |

| | | | | | | | | |
|--|-----------------|---|--|--|---|--|---|-----------------------------------|
| B. Pharm. Second Year Sem III | Aug 04, 2020 | Aug 24, 2020 | Continuous mode | Continuous mode | I: Sept, 2021 (online) II/Spl: Feb/Mar, 2021 | I:19.10.2020 – 23.10.2020 (online) II:22.02.2021 – 26.02.2021 Spl:01.03.2021 – 03.03.2021 | 23.03.2021 – 25.03.2021 | 09.03.2021 – 22.03.2021 |
| B. Pharm. Second Year Sem IV | Apr 01, 2021 | Apr 05, 2021 (online due to COVID- 19 situation) | Online due to COVID- 19 situation | Online due to COVID- 19 situation | Online due to COVID- 19 situation | 22.07.2021 – 29.07.2021 (online) | 02.09.2021 – 04.09.2021 (online) | 21.08.2021 onwards (online) |
| B. Pharm. Third Year Sem V | Aug 04, 2020 | Aug 24, 2020 | Continuous mode | Continuous mode | I: Sept, 2021 (online) II/Spl: Feb/Mar, 2021 | I:19.10.2020 – 23.10.2020 (online) II: 03.02.2021 – 09.02.2021 Spl: 10.02.2021 – 12.02.2021 | 20.03.2021 – 23.03.2021 | 17.02.2021 – 05.03.2021 |
| B. Pharm Third Year Sem VI | Mar 01, 2021 | Apr 05, 2021 (online due to COVID- 19 situation) | Online due to COVID- 19 situation | Online due to COVID- 19 situation | Online due to COVID- 19 situation | 20.07.2021 – 29.07.2021 (online) | 23.08.2021 – 25.08.2021 (online) | 06.08.2021 onwards (online) |
| B. Pharm Final Year Sem VII | Aug 04, 2020 | Aug 24, 2020 | Continuous mode | Continuous mode | I: Sept, 2021 (online) II/Spl: Feb/Mar, 2021 | I:19.10.2020 – 23.10.2020 (online) II: 03.02.2021 – 08.02.2021 Spl: 10.02.2021 – 12.02.2021 | 20.03.2021 – 24.03.2021 | 17.02.2021 – 04.03.2021 |
| B. Pharm Final Year Sem VIII | Mar 01, 2021 | Apr 05, 2021 (online due to COVID- 19 situation) | Online due to COVID- 19 situation | Online due to COVID- 19 situation | Online due to COVID- 19 situation | 08.07.2021- 13.07.2021 (online) | 04.08.2021 – 09.08.2021 (online) | 20.07.2021 onwards (online) |

| Event | Proposed | Actual |
|--|---------------------------------|--|
| Extracurricular Events: | | |
| Induction Program for First Year B. Pharm. | Third week of August | Last week of November |
| Ganpathi Utsav Celebrations | 20.08.2020 | 20.08.2020 |
| Star night | 31.03.2020 | Event not conducted due to COVID-19 pandemic |
| World Pharmacist's Day | 25.09.2020 | 25.09.2020 |
| NPW- 2020 | 16.11.2020 – 22.11.2020 | Event not conducted due to COVID-19 pandemic |
| Health check-up camp | Third week of November | Event not conducted due to COVID-19 pandemic |
| Co-curricular events: | | |
| Guest lectures | Throughout the academic session | Throughout the academic session |
| Industrial visit and Hospital training | As per the requirement | As per the requirement |

2.2 Teaching-Learning Processes (110)

2.2.1 Initiatives in teaching and learning process (25)

The B. Pharm. First-year Induction Program is the first step in the teaching and learning process at the Faculty of Pharmacy at BBDNIIT in Lucknow. This enables students to focus on their professional education.

A. Use of various instructional methods and pedagogical initiatives:

Initiatives in the teaching and learning process are carried out independently on two levels: theory classes and practicals. The mechanism and implementation are described in the measures implemented are:

- Interaction platforms. The management implemented active, passive, experiential, participatory, peer-to-peer, self-directed, and collaborative learning during the COVID-multimedia elements such as YouTube, audio-recorded PPT, PowerPoint presentations, videos, animations, and online examinations was widespread.
- At the institute level, teachers built the E-Content of syllabi. Teachers prepared e-content PowerPoint presentations, audio-recorded PowerPoint presentations, and YouTube curriculum. A Google link to which all pharmacy college students currently have access is established.
- Other methods are used depending on the curriculum and its scope, such as demonstrating with models, charts, flashcards, botanical cards, flow charts, live specimens, visual aids.
- In addition to these common methods, teachers also use methods that are specific to their course to get students interested in it. Students must attend national and international workshops. Expert guest lectures, field trips, industrial and hospital visits and training, and surveys are organized to keep students' knowledge current with the current scenario.

E-Content Prepared by Teachers

POC-I (Theory), BP202 T

Unit-I

Topics:

1. Classification & nomenclature part-1

https://drive.google.com/open?id=1XSIsDNG-m8KdHHqv_fElIj44z6UD2q94 (https://drive.google.com/open?id=1XSIsDNG-m8KdHHqv_fElIj44z6UD2q94)

2. Classification & nomenclature part-2

https://drive.google.com/open?id=1QM_986WEI9haskAY0w9zMC7ohcPLWk33 (https://drive.google.com/open?id=1QM_986WEI9haskAY0w9zMC7ohcPLWk33)

3. Structural isomerism in organic compounds

<https://drive.google.com/open?id=1K8fAx60umWKca6l98L20z3GPI2yEoVGI> (<https://drive.google.com/open?id=1K8fAx60umWKca6l98L20z3GPI2yEoVGI>)

Unit- III

Topics:

1. Alcohols part-1

https://drive.google.com/open?id=1-G71hoHkuQeNSZc4aU5_gDCV-N3LI0_M (https://drive.google.com/open?id=1-G71hoHkuQeNSZc4aU5_gDCV-N3LI0_M)

2. Alcohols part-2

https://drive.google.com/open?id=1ppFHf51rF4nQH_Xuol_Ly26btfxXQzXL (https://drive.google.com/open?id=1ppFHf51rF4nQH_Xuol_Ly26btfxXQzXL)

1. SN1 reaction

https://drive.google.com/open?id=1523_PbcKIA_j9SNA4Nxx2yIU3v2HYFFP (https://drive.google.com/open?id=1523_PbcKIA_j9SNA4Nxx2yIU3v2HYFFP)

2. SN2 reaction

https://drive.google.com/open?id=1B14J2iwWga12LNEIFJwYn1aerPQIEj_ (https://drive.google.com/open?id=1B14J2iwWga12LNEIFJwYn1aerPQIEj_)

Unit-V

Introduction of carboxylic acid

https://drive.google.com/open?id=1sW3MGpQnOLnxcN6Q_gyUXQKxdl-kkzV7 (https://drive.google.com/open?id=1sW3MGpQnOLnxcN6Q_gyUXQKxdl-kkzV7)

Preparations and reaction of carboxylic acid

<https://drive.google.com/open?id=1wTmMhWsBB2VQtDravSVWuSSC-uhmfWae> (<https://drive.google.com/open?id=1wTmMhWsBB2VQtDravSVWuSSC-uhmfWae>)

Aliphatic amines – Basicity.

https://drive.google.com/open?id=1Dxe_7y1A9VCGnmAQgW6jweGp3OtgBOh8 (https://drive.google.com/open?id=1Dxe_7y1A9VCGnmAQgW6jweGp3OtgBOh8)

Effect of substituent on Basicity, Qualitative test.

https://drive.google.com/open?id=1oGTS4i3xtUKI17PsrBvPUOyYL3soHd_7 (https://drive.google.com/open?id=1oGTS4i3xtUKI17PsrBvPUOyYL3soHd_7)

Structure and Uses of Acetic acid, Lactic acid, Tartaric acid, Citric acid, Succinic acid. Oxalic acid, Salicylic acid, Benzoic acid, Benzyl benzoate, Dimethyl phthalate, Methyl salicylate, Ethanolamine, Ethylenediamine, Amphetamine.

https://drive.google.com/open?id=1x9VRlI2tuMQnAef5_TACpcse7f_Vh48M (https://drive.google.com/open?id=1x9VRlI2tuMQnAef5_TACpcse7f_Vh48M)

Biochemistry (Theory), BP203 T

Unit I-

Topic:

1. Carbohydrate, Part 2

<https://drive.google.com/open?id=1jMHZfyTSudLpsUwkEY3-qtGCWI7KgO83> (<https://drive.google.com/open?id=1jMHZfyTSudLpsUwkEY3-qtGCWI7KgO83>)

2. Topic: Carbohydrate_3 (Unit 1)

<https://drive.google.com/open?id=1hYGt77dw9p22q3Go-wlC4T8X274N25p1> (<https://drive.google.com/open?id=1hYGt77dw9p22q3Go-wlC4T8X274N25p1>)

3. Biomolecules: Nucleotides and Nucleic acids

<https://drive.google.com/open?id=1UVeTxHKrLTRqZyxwOF2laWeYm6V2nJG> (<https://drive.google.com/open?id=1UVeTxHKrLTRqZyxwOF2laWeYm6V2nJG>)

4. Biomolecules_Protein

https://drive.google.com/open?id=1RgT_P-8kcPt_MKbNZFpe3m-peGlZYEpx (https://drive.google.com/open?id=1RgT_P-8kcPt_MKbNZFpe3m-peGlZYEpx)

Unit-II

Topic:

1. Carbohydrate metabolism: Glycolysis_1

<https://drive.google.com/open?id=1flIoXagmZ7HfT6CkrxbA-dM2iE10wZt> (<https://drive.google.com/open?id=1flIoXagmZ7HfT6CkrxbA-dM2iE10wZt>)

2. Carbohydrate metabolism: Glycolysis_2

https://drive.google.com/open?id=1LR_8Zhlh-507qFk7sAsgSsV08ty6Jb0x (https://drive.google.com/open?id=1LR_8Zhlh-507qFk7sAsgSsV08ty6Jb0x)

3. Carbohydrate metabolism: Citric Acid Cycle_1

https://drive.google.com/open?id=1J7taSRu8aF7yjKvhfjd_LvkchA1jAoQO (https://drive.google.com/open?id=1J7taSRu8aF7yjKvhfjd_LvkchA1jAoQO)

4. Carbohydrate metabolism: Citric Acid Cycle_2

https://drive.google.com/open?id=1ifHZRYL_o28F7i7pttdrWbrCSg3AJu7r (https://drive.google.com/open?id=1ifHZRYL_o28F7i7pttdrWbrCSg3AJu7r)

5. Carbohydrate metabolism: Gluconeogenesis_1

<https://drive.google.com/open?id=1pLW3d6lhlOSYntldP-TZ5XwLxHi9oq3C> (<https://drive.google.com/open?id=1pLW3d6lhlOSYntldP-TZ5XwLxHi9oq3C>)

6. Carbohydrate metabolism: Gluconeogenesis_2

<https://drive.google.com/open?id=16lXklCJoyKtZd3s0TunpgpAMzq6YDqQG> (<https://drive.google.com/open?id=16lXklCJoyKtZd3s0TunpgpAMzq6YDqQG>)

1. Carbohydrate metabolism: Glycogenogenesis

<https://drive.google.com/open?id=1SyzqnuGE0xU9yRyVwmu5LiGmJw5LeQus> (<https://drive.google.com/open?id=1SyzqnuGE0xU9yRyVwmu5LiGmJw5LeQus>)

2. Carbohydrate metabolism: Glycogenolysis

https://drive.google.com/open?id=1ETZox3KFCXudFrVkkKUUN1tpj_4PAHPH (https://drive.google.com/open?id=1ETZox3KFCXudFrVkkKUUN1tpj_4PAHPH)

3. Carbohydrate metabolism: HMP

<https://drive.google.com/open?id=17BG-rRgXc7oEPPwX11MEo5zncpgnMF8G> (<https://drive.google.com/open?id=17BG-rRgXc7oEPPwX11MEo5zncpgnMF8G>)

Pharmaceutical Organic Chemistry-III (Theory), BP401 T

Unit-I

Topic:

1. Geometrical isomerism:

https://drive.google.com/open?id=1xFzCqUzU_M1inQo_-ndbk8JfwBk6DZ7 (https://drive.google.com/open?id=1xFzCqUzU_M1inQo_-ndbk8JfwBk6DZ7)

Unit III

Topics:

1. Nomenclature of Heterocyclic compounds:

<https://drive.google.com/open?id=1zDcTZ69xQ0pElvvd3FTTrsfT5CvuUzV0> (<https://drive.google.com/open?id=1zDcTZ69xQ0pElvvd3FTTrsfT5CvuUzV0>)

1. Pyrol

<https://drive.google.com/open?id=16kRhroLs9-Qg363NcePWGSKcMxyBDUIh> (<https://drive.google.com/open?id=16kRhroLs9-Qg363NcePWGSKcMxyBDUIh>)

2. Furan

https://drive.google.com/open?id=1ZCvy_DtzROr223VCEJM_as5ZWjcdY4yh (https://drive.google.com/open?id=1ZCvy_DtzROr223VCEJM_as5ZWjcdY4yh)

3. Thiophene

<https://drive.google.com/open?id=1U42sBP3OG0OZVDLVC0lcCdU-zPFloda2> (<https://drive.google.com/open?id=1U42sBP3OG0OZVDLVC0lcCdU-zPFloda2>)

Unit-4

Topic:

1. Pyrazole and imidazole

https://drive.google.com/open?id=1RZWZTSNf7kShylhFatGkicqzv_r2VgUs (https://drive.google.com/open?id=1RZWZTSNf7kShylhFatGkicqzv_r2VgUs)

1. Oxazole and Thiazole

https://drive.google.com/open?id=1Il_vy8uArk8FmL1IBZq70eWWJP-59unN (https://drive.google.com/open?id=1Il_vy8uArk8FmL1IBZq70eWWJP-59unN)

2. Pyridine

<https://drive.google.com/open?id=1Ls3OFRAOndRTEEPSULFVu8yskTFJ1HJ1> (<https://drive.google.com/open?id=1Ls3OFRAOndRTEEPSULFVu8yskTFJ1HJ1>)

3. Quinoline

<https://drive.google.com/open?id=1xw9btVnpseBXMQRb2-BSKuVGyCNleqVz> (<https://drive.google.com/open?id=1xw9btVnpseBXMQRb2-BSKuVGyCNleqVz>)

4. Pyrimidine, Purine, Azepine

<https://drive.google.com/open?id=1VEBqoFjjhgo6RMBkuLc7rdT1g6sWOdR7> (<https://drive.google.com/open?id=1VEBqoFjjhgo6RMBkuLc7rdT1g6sWOdR7>)

Medicinal Chemistry-I (Theory), BP402 T

Unit II-

Topics:

1. Adrenergic drugs:

https://drive.google.com/open?id=19QQFYjEp6Fd7Gu1Yg4YWi_-QaFbhzyJ (https://drive.google.com/open?id=19QQFYjEp6Fd7Gu1Yg4YWi_-QaFbhzyJ)

2. Adrenergic antagonist

https://drive.google.com/open?id=1A9fcxSUAU9KNBDwLK_0lvKIjXfMTbcoQ (https://drive.google.com/open?id=1A9fcxSUAU9KNBDwLK_0lvKIjXfMTbcoQ)

3. Cholinergic agents

https://drive.google.com/file/d/1NfFP_sg0gKuBi4Zk8swPCD_PsrXKO2QE/view (https://drive.google.com/file/d/1NfFP_sg0gKuBi4Zk8swPCD_PsrXKO2QE/view)

4. Cholinergic Blocking agents

<https://drive.google.com/open?id=1IFQqjYN3y-jR0RFjFOPjZzyjZJEVUDmF> (<https://drive.google.com/open?id=1IFQqjYN3y-jR0RFjFOPjZzyjZJEVUDmF>)

Unit I: Introduction to medicinal chemistry, History and development of medicinal chemistry, Physicochemical properties in relation to biological action: ionization solubility, partit protein binding, chelation, bioisosterism, optical and geometrical isomerism

<https://drive.google.com/file/d/1KkCfC9DEYYAR-a5ZT5QM74FsiqX7XEN4/view> (<https://drive.google.com/file/d/1KkCfC9DEYYAR-a5ZT5QM74FsiqX7XEN4/view>)

Drug metabolism: Drug metabolism principles-Phase I and Phase II

<https://drive.google.com/open?id=1Vj1dJzp3NdA24tWtA2jW947Aj2ZOvyp7> (<https://drive.google.com/open?id=1Vj1dJzp3NdA24tWtA2jW947Aj2ZOvyp7>)

factors affecting drug metabolism

<https://drive.google.com/open?id=1mq8WGF41bIEQJgOzPw2J8wy4CCZ9CSHN> (<https://drive.google.com/open?id=1mq8WGF41bIEQJgOzPw2J8wy4CCZ9CSHN>)

Unit V

Anti-inflammatory agents

https://drive.google.com/open?id=1mQeEmCQixQuljEKqocr_Pf3zn_d3i8fm (https://drive.google.com/open?id=1mQeEmCQixQuljEKqocr_Pf3zn_d3i8fm)

Drugs acting on Central Nervous System

General anesthetics:

Inhalation anesthetics:

<https://drive.google.com/open?id=1z4JxKhFTtAgtKRjyIP6lv1RjV7TSGarr> (<https://drive.google.com/open?id=1z4JxKhFTtAgtKRjyIP6lv1RjV7TSGarr>)

Narcotic and non-narcotic analgesics Morphine and related drugs:

<https://drive.google.com/open?id=1JnQicYvi0z-20Q-tEwJe7G0UreQ5iRjD> (<https://drive.google.com/open?id=1JnQicYvi0z-20Q-tEwJe7G0UreQ5iRjD>)

Physical Pharmaceutics II, BP403 T

UNIT-IV

Topic:

1. Accelerated stability testing

https://drive.google.com/open?id=1sECvk4C5bVGbSmgIHfRsRyLL_-RTeNPoW (https://drive.google.com/open?id=1sECvk4C5bVGbSmgIHfRsRyLL_-RTeNPoW)

Unit 2

Rheology part2

<https://drive.google.com/open?id=12qUiLRv0w8Oo49mxaGleLP9oBAg6vFD9> (<https://drive.google.com/open?id=12qUiLRv0w8Oo49mxaGleLP9oBAg6vFD9>)

1. Details of chemical factors affecting degradation of pharmaceutical products.

https://drive.google.com/file/d/169i7btoOIBFMg4gv2ONKta_myHagTfvU/view?usp=sharing (https://drive.google.com/file/d/169i7btoOIBFMg4gv2ONKta_myHagTfvU/view?usp=sharing)

2. Details of Physical factors affecting degradation of pharmaceutical products.

https://drive.google.com/file/d/1xp8ACCgc5tbFyYVwa1e0MrM_oJ0LF/view?usp=sharing (https://drive.google.com/file/d/1xp8ACCgc5tbFyYVwa1e0MrM_oJ0LF/view?usp=sharing)

3. Details of the order of reaction, molecularity of reaction kinetics including pseudo zero order reaction.

https://drive.google.com/file/d/1NcloMWFmxME0VaM0qW_cFayrQEwp7pB8/view?usp=sharing (https://drive.google.com/file/d/1NcloMWFmxME0VaM0qW_cFayrQEwp7pB8/view?usp=sharing)

Pharmacology-I, BP404 T

Topic:

1. Introduction to general pharmacology

<https://drive.google.com/open?id=1b1MWKQ9d56P6jP7H8KS0FTvJjUJ6rx-z> (<https://drive.google.com/open?id=1b1MWKQ9d56P6jP7H8KS0FTvJjUJ6rx-z>)

2. Parkinson's Disease

https://drive.google.com/open?id=1IGqzkxys-cfPc_2AygZAYHL1HpZfz7IR (https://drive.google.com/open?id=1IGqzkxys-cfPc_2AygZAYHL1HpZfz7IR)

3. Membrane transport and Absorption of drugs.

https://drive.google.com/file/d/16M4bPKbz_2uW86XP0Wu3SVFdfaThcEmc (https://drive.google.com/file/d/16M4bPKbz_2uW86XP0Wu3SVFdfaThcEmc)

4. Distribution and Metabolism of Drugs.

<https://drive.google.com/file/d/1igdiZURVYapTO4CdvTJIP12KfkasV3Qq> (<https://drive.google.com/file/d/1igdiZURVYapTO4CdvTJIP12KfkasV3Qq>)

UNIT-I

1. Excretion of drugs

https://drive.google.com/file/d/10E5JZ0Z-u60xlgrW_-2hrw0s6r0WjMsd (https://drive.google.com/file/d/10E5JZ0Z-u60xlgrW_-2hrw0s6r0WjMsd)

UNIT- II

1. Principles and mechanisms of drug action

<https://drive.google.com/file/d/1hTeplakSa6JwMfFK0rKCWWucEYkwenqX> (<https://drive.google.com/file/d/1hTeplakSa6JwMfFK0rKCWWucEYkwenqX>)

2. Adverse drug reactions and Drug interactions

<https://drive.google.com/file/d/1wuME2UpdpPfubbyKCc9KnBMP1k2jCr4p> (<https://drive.google.com/file/d/1wuME2UpdpPfubbyKCc9KnBMP1k2jCr4p>)

3. Drug discovery and clinical evaluation of new drugs

https://drive.google.com/file/d/1PY1s8ceEVk1UD_4co_c43VF0M7JNx86V (https://drive.google.com/file/d/1PY1s8ceEVk1UD_4co_c43VF0M7JNx86V)

UNIT-IV

1. GENERAL PHARMACOLOGY: Routes of drug administration

https://drive.google.com/file/d/1pslKh_PaywMidrU1iX8kgigdKqdwzr1_ (https://drive.google.com/file/d/1pslKh_PaywMidrU1iX8kgigdKqdwzr1_)

UNIT-III

1. Organization and function of ANS, Cholinergic transmission and Parasympathomimetics.

<https://drive.google.com/file/d/1geXKHwMHIOloi4Axndgp27Co-VhBbqJM> (<https://drive.google.com/file/d/1geXKHwMHIOloi4Axndgp27Co-VhBbqJM>)

Pharmacognosy and Phytochemistry-I (Theory), BP405 T

Unit I-

1. Introduction and scope:

<https://drive.google.com/open?id=1Hd4vsNSAtEo7HX-U8L-Tp2F2v2jNC57O> (<https://drive.google.com/open?id=1Hd4vsNSAtEo7HX-U8L-Tp2F2v2jNC57O>)

Unit: - II

1. Factors influencing cultivation of medicinal Plants.

<https://drive.google.com/open?id=1Ui8PEJTtAL9jcKnQawT2g72TTcJkLMu7> (<https://drive.google.com/open?id=1Ui8PEJTtAL9jcKnQawT2g72TTcJkLMu7>)

2. Plant Hormones and their Applications.

https://drive.google.com/open?id=1GSPjxW-Or4jKUheD_WAAYrj3PSsSZdY1 (https://drive.google.com/open?id=1GSPjxW-Or4jKUheD_WAAYrj3PSsSZdY1)

3. Quality control of crude drugs

<https://drive.google.com/file/d/19Yrigqo7T9DY7Gye25fm-BZCvC3QRELV/view?usp=drivesdk> (<https://drive.google.com/file/d/19Yrigqo7T9DY7Gye25fm-BZCvC3QRELV/view?usp=drivesdk>)

Unit-IV

Topic- classification of crude drugs

https://drive.google.com/file/d/1b6b9hDul1vJ5khjn2DLzguzBD_uantgh/view?usp=drivesdk (https://drive.google.com/file/d/1b6b9hDul1vJ5khjn2DLzguzBD_uantgh/view?usp=drivesdk)

Unit: - V Part 1

1. Edible vaccines

<https://drive.google.com/file/d/1G45LLStG-WvDjeZkHs2eR1Xgl1dFKArW/view?usp=drivesdk> (<https://drive.google.com/file/d/1G45LLStG-WvDjeZkHs2eR1Xgl1dFKArW/view?usp=drivesdk>)

Topic- Classification of crude drugs

https://drive.google.com/file/d/1b6b9hDul1vJ5khjn2DLzguzBD_uantgh/view?usp=drivesdk (https://drive.google.com/file/d/1b6b9hDul1vJ5khjn2DLzguzBD_uantgh/view?usp=drivesdk)

Herbal Drug Technology – Theory BP603T

Unit 3:

Part 2- Herbal excipients:

<https://drive.google.com/open?id=1RB9hh3fUkxZL-sTqkumay5dS2LuJsO1X> (<https://drive.google.com/open?id=1RB9hh3fUkxZL-sTqkumay5dS2LuJsO1X>)

Unit 4:

Part 1- WHO & ICH Guidelines for herbal products

https://drive.google.com/open?id=1NYtGF26Sk4Gp6nt02R9QnPyD_c0a2Cq8 (https://drive.google.com/open?id=1NYtGF26Sk4Gp6nt02R9QnPyD_c0a2Cq8)

Part 2: Definitions- Patent, IPR, Farmers right, Breeders right, Bioprospecting & Biopiracy

<https://drive.google.com/open?id=1NKLHi7bhOkk7vy1dr7mCt7GWgp9ZJBtU> (<https://drive.google.com/open?id=1NKLHi7bhOkk7vy1dr7mCt7GWgp9ZJBtU>)

Part 3: Regulatory requirements, ASU DTAB, ASU DCC, Schedule Z

https://drive.google.com/open?id=1ZB2ZS33oVvs_y2frPRQcOAqJKg4LHCqT (https://drive.google.com/open?id=1ZB2ZS33oVvs_y2frPRQcOAqJKg4LHCqT)

1. Herbs as raw materials

<https://drive.google.com/file/d/1UCpl6vf5j0nQwUROWVXWAL-jYe4-7gvo/view?usp=drivesdk> (<https://drive.google.com/file/d/1UCpl6vf5j0nQwUROWVXWAL-jYe4-7gvo/view?usp=>

2. Quality control of herbal medicines

https://drive.google.com/file/d/1sGgckSuhli5BiA_lmh0QcOjTQH5pZKTx/view?usp=drivesdk (https://drive.google.com/file/d/1sGgckSuhli5BiA_lmh0QcOjTQH5pZKTx/view?usp=d

Unit 5

Part 1: General introduction to Herbal Industry

https://drive.google.com/open?id=15T3AvMLZKJyHUIKDL9-usD2_3VzVu4cu (https://drive.google.com/open?id=15T3AvMLZKJyHUIKDL9-usD2_3VzVu4cu)

Part 2: Schedule T

<https://drive.google.com/open?id=1yiJl119x6KNRGqorc9WL5a2EyZyryfJ3> (<https://drive.google.com/open?id=1yiJl119x6KNRGqorc9WL5a2EyZyryfJ3>)

Herbal drug technology :Indian medicinal system

https://drive.google.com/file/d/1nf2vT5XmEpab_VnhF7SBZNBhM4klkQJw/view?usp=drivesdk (https://drive.google.com/file/d/1nf2vT5XmEpab_VnhF7SBZNBhM4klkQJw/view?u

Topic

1. Biopesticides

<https://drive.google.com/file/d/1-BNGqtqEDoM-mpjhS1UGMejk2sT9YluT/view?usp=drivesdk> (file://phserver/Phserver/eNBA_SAR_PDF/%0dhttps://drive.go
mpjhS1UGMejk2sT9YluT/view?usp=drivesdk)

PHARMACOLOGY-III BP602T

UNIT-I, ANTI-ASTHMATIC DRUGS

https://drive.google.com/file/d/1Bo5DHiZebPoK_k-L65hHVOF7g4SI57uG (https://drive.google.com/file/d/1Bo5DHiZebPoK_k-L65hHVOF7g4SI57uG)

UNIT-II, ANTI-ULCER AGENTS

<https://drive.google.com/file/d/1dpStvXzgOmBwBybCKFTF9XEPxglX8mOC> (<https://drive.google.com/file/d/1dpStvXzgOmBwBybCKFTF9XEPxglX8mOC>)

UNIT-II, GENERAL PRINCIPLES OF CHEMOTHERAPY

<https://drive.google.com/file/d/1TX2i-d4wOtlrE1FN7jAKn8AT-ijUYEDp> (<https://drive.google.com/file/d/1TX2i-d4wOtlrE1FN7jAKn8AT-ijUYEDp>)

UNIT-III, ANTITUBERCULAR AGENTS

<https://drive.google.com/file/d/1yAgWdUbxnzPKPAbIzNgT8JOgmbJEXQlx> (<https://drive.google.com/file/d/1yAgWdUbxnzPKPAbIzNgT8JOgmbJEXQlx>)

UNIT-III, Antimalarial drugs

<https://drive.google.com/file/d/14PgLMk0LBHtgC4IaaNwW1mTfI3if0Px> (<https://drive.google.com/file/d/14PgLMk0LBHtgC4IaaNwW1mTfI3if0Px>)

UNIT- IV, Immunostimulants and Immunosuppressants

https://drive.google.com/file/d/1rzbjhjo3-4tqO_qpqcO_aSz5yyhu1naG (https://drive.google.com/file/d/1rzbjhjo3-4tqO_qpqcO_aSz5yyhu1naG)

UNIT-V , Principles of toxicology

<https://drive.google.com/file/d/1LWOTkdB-1vFG8ynAYBFitScgJiuATYtj> (<https://drive.google.com/file/d/1LWOTkdB-1vFG8ynAYBFitScgJiuATYtj>)

UNIT-V, Chronopharmacology

<https://drive.google.com/file/d/1IE8P9owH3CdAj0kG0YrWhrEOCU02pzKu> (<https://drive.google.com/file/d/1IE8P9owH3CdAj0kG0YrWhrEOCU02pzKu>)

UNIT-II, Macrolides

<https://drive.google.com/file/d/1J4Wxw2cUcBYzS0MmVFu7KnckW6uznWd9> (<https://drive.google.com/file/d/1J4Wxw2cUcBYzS0MmVFu7KnckW6uznWd9>)

UNIT-I , Expectorants and Antitussives

https://drive.google.com/file/d/1m8MOJNiIDhZW_4om8g1C_NuX2-IQqRCv (https://drive.google.com/file/d/1m8MOJNiIDhZW_4om8g1C_NuX2-IQqRCv)

UNIT-IV, Chemotherapy of Malignancy

https://drive.google.com/file/d/162ceek_mix3Mq7Uj39VSzeVSC1TANhDS (https://drive.google.com/file/d/162ceek_mix3Mq7Uj39VSzeVSC1TANhDS)

Biotech, BP605 T

1. Fermentation media

https://drive.google.com/open?id=169qejsSm_tul-Hs9TsaBtUgYA7UJ0Zv (https://drive.google.com/open?id=169qejsSm_tul-Hs9TsaBtUgYA7UJ0Zv)

Chemistry of Natural Products, RPH-839**UNIT-III**

Extraction, isolation and structure elucidation of-**Glycosides**: Digoxin. **Purines**: Caffeine.

https://drive.google.com/file/d/1rFXxrXo_acDmodUw5eiZkBuXEC5mnDsJ/view (https://drive.google.com/file/d/1rFXxrXo_acDmodUw5eiZkBuXEC5mnDsJ/view)

Extraction, isolation and structure elucidation of **Flavonoids**: Quercetin. **Lignans**: Podophyllotoxin.

<https://drive.google.com/open?id=1A1XZ8Khl3ar1V7e2UHahoAA8Fb-x95uc> (<https://drive.google.com/open?id=1A1XZ8Khl3ar1V7e2UHahoAA8Fb-x95uc>)

Unit II- Topics:

1. Alkaloids:

<https://drive.google.com/open?id=1Y7PeTfJ2hwhfUwZ8JUcneGqNXpgRCve6X> (<https://drive.google.com/open?id=1Y7PeTfJ2hwhfUwZ8JUcneGqNXpgRCve6X>)

2. Morphine:

<https://drive.google.com/open?id=16f5Lm5qs1khSh1apuxTvPho3j5RI5hCJ> (<https://drive.google.com/open?id=16f5Lm5qs1khSh1apuxTvPho3j5RI5hCJ>)

Unit IV- Topics:

1. Terpenoids:

<https://drive.google.com/open?id=1gqbJe5cf4x4K6jPOAXpqDf8QpBtW1XZI> (<https://drive.google.com/open?id=1gqbJe5cf4x4K6jPOAXpqDf8QpBtW1XZI>)

2. Terpenoids_Part 2:

https://drive.google.com/open?id=1fEk3jwE6fOKJzMDccCzH63nP_AcVZPgZ (https://drive.google.com/open?id=1fEk3jwE6fOKJzMDccCzH63nP_AcVZPgZ)

UNIT -4

1. Extraction, isolation and structure elucidation of Indoles (Reserpine), Quinolines (Quinine).

<https://drive.google.com/open?id=1kGMH3bfMQryUVTIE3mFjglbOVzixPBf> (<https://drive.google.com/open?id=1kGMH3bfMQryUVTIE3mFjglbOVzixPBf>)

Food & Nutraceuticals, RPH-842

1. Nutritional value in detail & proximate analysis of nutritional componenet in food and nutraceuticals as a nutritional facts.

<https://drive.google.com/file/d/1R83wuNEaJn8leMaQrHtuxe-rr1dArYDx/view?usp=sharing> (<https://drive.google.com/file/d/1R83wuNEaJn8leMaQrHtuxe-rr1dArYDx/view?usp=sha>

Topics:

1. Dietary supplement and phytonutraceuticals.

https://drive.google.com/file/d/1-zkZhXTAFIXGWeInWg4wV_6qkLrLrJI9/view?usp=sharing (https://drive.google.com/file/d/1-zkZhXTAFIXGWeInWg4wV_6qkLrLrJI9/view?usp=sha

2. Functional food and fortified food.

<https://drive.google.com/file/d/1VRe3PTInGV5c7vhieHvMYKjmlrTryqyd/view?usp=sharing> (<https://drive.google.com/file/d/1VRe3PTInGV5c7vhieHvMYKjmlrTryqyd/view?usp=sha>

1. Nutraceuticals detail.

<https://drive.google.com/file/d/1YKejsdYGaMta8ZwwN3rqPH6YdLgg4YMD/view?usp=sharing> (<https://drive.google.com/file/d/1YKejsdYGaMta8ZwwN3rqPH6YdLgg4YMD/view?u>

1. Introduction to food technology, Freezing as a food processing, changes in food during refrigeration, ice crystal damage.

<https://drive.google.com/file/d/1YKejsdYGaMta8ZwwN3rqPH6YdLgg4YMD/view?usp=sharing> (<https://drive.google.com/file/d/1YKejsdYGaMta8ZwwN3rqPH6YdLgg4YMD/view?u>

2. Freeze concentration (progressive freezing), microwave heating and drying method on food products, effect of dehydration.

https://drive.google.com/file/d/1RB1uDtB5tQQZiZbMwzrdhj_qdYkofYw/view?usp=sharing (https://drive.google.com/file/d/1RB1uDtB5tQQZiZbMwzrdhj_qdYkofYw/view?usp=st

Unit-IV

Topics:

1. Label claim in detail.

https://drive.google.com/file/d/1tMjBypOZS_grvqE12u2gm-wTgSjA3Py/view?usp=sharing (https://drive.google.com/file/d/1tMjBypOZS_grvqE12u2gm-wTgSjA3Py/view?usp=st

2. Nutritional and functional claim detail.

<https://drive.google.com/file/d/1g4VpLoxUZ5qm6wVG-L1axR6BeZJp2GHF/view?usp=sharing> (<https://drive.google.com/file/d/1g4VpLoxUZ5qm6wVG-L1axR6BeZJp2GHF/view?u>

Unit 4.

Supercritical fluid extraction it's mechanism, application, advantages, process, types in detail.

https://drive.google.com/file/d/1oMqBsqp_gBHd8al8dK2DlrdwOX1TPW5x/view?usp=sharing (https://drive.google.com/file/d/1oMqBsqp_gBHd8al8dK2DlrdwOX1TPW5x/view?usq

Unit 5.

1. Nutritional value in detail & proximate analysis of nutritional componenet in food and nutraceuticals as a nutritional facts.

<https://drive.google.com/file/d/1R83wuNEaJn8leMaQrHtuxe-rr1dArYDx/view?usp=sharing> (<https://drive.google.com/file/d/1R83wuNEaJn8leMaQrHtuxe-rr1dArYDx/view?usp=sha>

GMP, RPH 843(B)

Topic: GLP

https://drive.google.com/open?id=1xilPwu12u9pkV2jnj1NCP_mtFWLHMBYi (https://drive.google.com/open?id=1xilPwu12u9pkV2jnj1NCP_mtFWLHMBYi)

Topic: GCP

<https://drive.google.com/open?id=11c68fkvaKuNECpOsZfY5tCkU0pvWHMdf> (<https://drive.google.com/open?id=11c68fkvaKuNECpOsZfY5tCkU0pvWHMdf>)

Pharmaceutical Marketing and Management (Theory), RPH 841

Topic: Production management

https://drive.google.com/open?id=1lz2zm7i2kwfTrm-wsgx1FNSZOrHMH55_ (https://drive.google.com/open?id=1lz2zm7i2kwfTrm-wsgx1FNSZOrHMH55_)

Part 1: Definition, administrative management (Planning, Organizing, Staffing, Directing & Controlling, Entrepreneurship Development)

<https://drive.google.com/open?id=1IACAZZCdDjy7AL79oUnhW7Sh9Hg8Te0m> (<https://drive.google.com/open?id=1IACAZZCdDjy7AL79oUnhW7Sh9Hg8Te0m>)

Unit 2:

Part 1: Principles of Management

<https://drive.google.com/open?id=1-5x6zErWTjUc3g95KbvXRhRExHoiSwC7> (https://drive.google.com/open?id=1-5x6zErWTjUc3g95KbvXRhRExHoiSwC7)

Unit I-

Topics:

Part 3: Maintenance management, performance evaluation & review technique

<https://drive.google.com/open?id=1ht2QfZ4xmAzJkopQ1yob05DehU92aa7O> (https://drive.google.com/open?id=1ht2QfZ4xmAzJkopQ1yob05DehU92aa7O)

Unit 3

Part 1: Introduction to marketing

https://drive.google.com/open?id=1Sa8mzshvO3Fu6XpS1fmcqI35n3_8TkCK (https://drive.google.com/open?id=1Sa8mzshvO3Fu6XpS1fmcqI35n3_8TkCK)

Part 2: Introduction to e-commerce & start up business

<https://drive.google.com/open?id=1u5EYx0uMKNpcIn9MCrcx2hJpKQEsDBR> (https://drive.google.com/open?id=1u5EYx0uMKNpcIn9MCrcx2hJpKQEsDBR)

Unit-IV:

1. Salesmanship

https://drive.google.com/open?id=1AfcMw8P4HL0V_iprqBKVGGwfkQrnljmw (https://drive.google.com/open?id=1AfcMw8P4HL0V_iprqBKVGGwfkQrnljmw)

Unit-V:

1. Part 1- Market research, Market segmentation

<https://drive.google.com/open?id=14IrXlagiGwwrmrKEkE1yFgPMthL9bNAZ> (https://drive.google.com/open?id=14IrXlagiGwwrmrKEkE1yFgPMthL9bNAZ)

2. Part 2- Market targeting, Demand Measurement, Geodemographic analysis, estimating industry sales

<https://drive.google.com/open?id=1RYhhVJdUYHKqZiF7jNaQ5B3kw5Oydfg> (https://drive.google.com/open?id=1RYhhVJdUYHKqZiF7jNaQ5B3kw5Oydfg)

Supporting Study Materials

HUMAN ANATOMY AND PHYSIOLOGY

LIST OF CHARTS

| S.No. | Name of Chart |
|-------|---------------------------------------|
| 1. | Autonomic Nervous System |
| 2. | Ear, Nose and Throat |
| 3. | Typical Animal Cell (ultra structure) |
| 4. | Human Skeleton Joints and Limbs |
| 5. | Human Muscular System. |
| 6. | Human tongue. |
| 7. | Human spinal cord. |
| 8. | The Endocrine System. |
| 9. | Human Urinary Tract. |
| 10. | Human Blood. |
| 11. | Human Lymphatic System. |
| 12. | Human Respiratory System. |
| 13. | Human Nervous System. |
| 14. | Human Female Reproductive System. |
| 15. | Human Digestive System. |
| 16. | Human Skin. |

HUMAN ANATOMY AND PHYSIOLOGY

LIST OF MODELS

| S.No. | Model Name |
|-------|---------------------------------|
| 1. | Human skeleton |
| 2. | Heart. |
| 3. | Brain. |
| 4. | Stomach. |
| 5. | Accessory organs for digestion. |
| 6. | Respiratory system. |
| 7. | Urinary system. |

| | |
|-----|--------------------------------|
| 8. | Female reproductive system. |
| 9. | Different organ of human body. |
| 10. | Skin. |
| 11. | Ear. |
| 12. | Nervous system. |
| 13. | Digestive system. |
| 14. | Male reproductive system. |
| 15. | Circulatory system. |
| 16. | Female reproductive system. |
| 17. | Kidney with bladder. |
| 18. | Human eye. |

PHARMACOLOGY**LIST OF SOFTWARES**

| S.No. | Software Name |
|-------|---|
| 1. | Ex Pharm Pro (Simulated Animal Experiments in Pharmacology) |
| 2. | X-Cology (Experimental Pharmacology) |
| 3. | Ex-Pharm (Experimental Pharmacology) Series software |

REMEDIAL BIOLOGY**LIST OF CHARTS**

| S. No. | Name of Chart |
|--------|-------------------|
| 1. | Plant Tissues |
| 2. | Root Modification |
| 3. | Parts of Flower |

PHARMACEUTICAL CHEMISTRY**LIST OF CHARTS**

| S.No. | Name of Charts |
|-------|---------------------------------------|
| 1. | Laboratory Techniques |
| 2. | Laboratory Safety |
| 3. | Preparation of Acetylene |
| 4. | Preparation of Chlorine |
| 5. | Petroleum |
| 6. | Distillation |
| 7. | Chain Reaction |
| 8. | Modern Periodic Table of the Elements |
| 9. | Preparation of Ethylene |
| 10. | First Aid & Appliances |
| 11. | Artificial Respiration |
| 12. | Molecules of Ethyl Alcohol & Glucose |

PHARMACEUTICAL CHEMISTRY**LIST OF SOFTWARES**

| S.No. | Name of Software |
|-------|------------------|
| 1. | See SAR software |

PHARMACOGNOSY**LIST OF CHARTS**

| S.No | Name of Chart |
|------|---------------------------|
| 1. | T.S. Datura Leaf |
| 2. | T.S.Fennel Fruit Mericarp |

| | |
|----|---------------------|
| 3. | T.S. Ginger Rhizome |
| 4. | Eucalyptus Leaf |
| 5. | T.S. Rauwolfia Root |

SOCIAL AND PREVENTIVE PHARMACY

LIST OF CHARTS

| S.No. | Name of Chart |
|-------|--------------------------|
| 1. | Life History of Mosquito |
| 2. | Malaria Parasite |

B. Methodologies to support weak students and encourage bright students:

Based on result analysis, classroom interactions, and practical observations, the weak and outstanding students are identified.

- A roster of weak students is compiled in each class to create a Remedial Study Club. Subject specialists, classroom coordinators, and mentors guide weak students. The motivation, and dedication to encourage students to improve their performance, fostering an environment where students feel comfortable approaching faculty with question
- Bright students are ranked first, second, and third for each academic year based on their academic year (CGPA) performance or having a unique dimension of learning : on the bulletin board, and the local newspaper includes news and photographs. The administration recognizes these students at different occasions, the Annual Gatheri (viz. NPW etc.). Students with a talent for particular subjects are encouraged to prepare and present projects at seminars and conferences. They are encouraged to comp intra-collegiate contests.
- The institute provides students regular (weekly) test series to help them prepare for the GPAT, which is the entrance exam for M. Pharm. GPAT-qualified students in th Students preparing for the GPAT exam in their third year. In addition, guest lectures on the GPAT are planned for their further education.
- During the lockdown due to the COVID-19 pandemic, B. Pharm. Students competed in online quizzes to motivate them to study and to make the lockdown more interesting
- Online survey (a questionnaire in a Google form) was conducted to raise social awareness about the COVID pandemic.
- In the academic years 2020-2021, and 2021-2022, the startup innovation division hosted internal competitions. On September 25, 2022, World Pharmacist Day, studen posters, and labels for a contest to encourage them to think outside the box and be creative. It involved approximately 117 students. First, second, and third place prizes certificates). Certificates of participation were issued to every participant. Following their respective topics.

All B. Pharm students are kept engaged by asking them to adhere to the time table as displayed firmly. Each semester, students are honoured for their academic excellence. delivery methods are combined in both theory and practical classes. The continuous assessment during the practical includes parameters that evaluate each student's affect domains of knowledge. At the conclusion of each semester, students provide regular feedback regarding the delivery of the instructional process. Such feedback assists in educators.

Extra Classes to Support Weak Students







Encouragement of Bright Students



Roll of Honour

Prize Distribution to Class Toppers





**Congratulations!*

Mr. Vaibhav Chaudhry
Mr. Vijay Yadav
Ms. Deepshikha
Ms. Saumya Maurya
Mr. Abhishek Rao
Ms. Kajal Pal
Mr. Md. Adnan
Ms. Ranjana
Mr. Gautam Kumar Pandey (B.Pharm. 3rd Year)

For qualifying **GPAT-2022**



Babu Banarasi Das
Northern India Institute of Technology, Lucknow
Faculty of Pharmacy

Congratulations!

B.Pharm. III & IV Year Students

Mr. Anurag Kumar Mishra
Mr. Gautam Kumar Pandey
Mr. Ashish Gupta
Mr. Shubham Singh
Mr. Rohan Sharma (III Year)
Ms. Nidhi Gupta (III Year)
Mr. Ramji Mishra

For Qualifying GPAT-2023

2019 (PCI Pattern)

Two Sessional exams shall be conducted for each theory / practical course as per the schedule fixed by the college(s). The scheme of question paper for theory and practical Sessional examinations is given below. Sessional exams shall be computed for internal assessment.

Sessional exam shall be conducted for 30 marks for theory and shall be computed for 15 marks. Similarly, Sessional exam for practical shall be conducted for 40 marks and shall be computed for 10 marks.

Question paper pattern for theory Sessional examinations

For subjects having University examination

| | | |
|--|----------|-----------------|
| I. Multiple Choice Questions (MCQs) | = | 10 x 1 = 10 |
| OR | | OR |
| Objective Type Questions (5 x 2) | = | 05 x 2 = 10 |
| (Answer all the questions) | | |
| II. Long Answers (Answer 1 out of 2) | = | 1 x 10 = 10 |
| III. Short Answers (Answer 2 out of 3) | = | 2 x 5 = 10 |
| Total | = | 30 marks |

For subjects having only Sessional Examination

| | | |
|---------------------------------------|----------|-----------------|
| I. Long Answers (Answer 1 out of 2) | = | 1 x 10 = 10 |
| II. Short Answers (Answer 4 out of 6) | = | 4 x 5 = 20 |
| Total | = | 30 marks |

Question paper pattern for practical sessional examinations

| | | |
|-----------------|----------|-----------------|
| I. Synopsis | = | 10 |
| II. Experiments | = | 25 |
| III. Viva voce | = | 05 |
| Total | = | 40 marks |

However, during COVID pandemic situation, multiple type of MCQs (simple type, choose the right order, match, assertion and reasoning etc.) were designed for 30 marks and it is uniformly followed by each subject Incharge and verified by Controller of Exams (COE) and Exam Incharge.

Sessional exam for practical is conducted for 40 marks and is computed for 10 marks, Continuous assessment for practicals 05 marks is done as attendance-02marks, Practical (Total =15 marks)

The pattern for sessional practical examination as per guidelines of AKTU is as follows.

Q.1 Synopsis = 10

Q.2 Experiments = 25

Q.3 Viva voce = 05

Total = 40 marks (converted to 10 marks). This is added to 5 marks (for attendance, practical records, viva voce etc)

This is uniformly followed by each subject Incharge and verified by Controller of Exams (CoE).

As per the AKTU syllabus (**2017 pattern**), the percentage of marks for Semester and Internal examination is 60% and 40% respectively.

For internal 40 marks theory, Assignment is conducted for 10 marks, MCQ Pattern Question paper for 10 marks and sessional examination is conducted for 20 marks, the pattern as per guidelines of AKTU is as follows.

Q.1 Attempt Three out of Five = 3x 2 Marks = 6Marks,

Q.2 Attempt Two out of Three = 2x 4 Marks = 8 Marks,

Q.3 Attempt One out of Two = 1x 6 Marks = 6 Marks

Total marks = 20 Marks

This is uniformly followed by each subject Incharge and verified by Controller of Exams (COE). MCQ are designed as per GPAT pattern.

For internal 40 marks Practical, Assignment is conducted for 10 marks (with relevance to course and program outcomes), Continuous assessment is carried out for affect psychomotor skills. Continuous assessment for practicals 10 marks is done under five heads attendance, journal, viva/synopsis, performance and result for regular practicals. Practical conducted for 20 marks, the pattern for sessional practical examination as per guidelines of AKTU is as follows:

For Practical

Q.1 Synopsis and viva voce = 6 Marks

Q.2 Experiments = 10Marks

Q.3 Journal = 4Marks

Total = 20 Marks

This is uniformly followed by each subject Incharge and verified by Controller of Exams (CoE).

| Pattern | University | Sessional |
|---------|------------|-----------|
|---------|------------|-----------|

| | Theory | Practical | Theory | Practical |
|--------------|--|--|---|--|
| 2019 Pattern | 75 marks | 35 marks | 25 marks | 15. marks |
| | I. Objective Type Questions $(10 \times 2) = 10 \times 2 = 20$ marks (Answer all the questions) II. Long Answers (Answer 2 out of 3) = $2 \times 10 = 20$ marks III. Short Answers (Answer 7 out of 9) = $7 \times 5 = 35$ marks Total = 75 marks | Synopsis= 05 marks Experiments= 25 marks Viva= 05 marks Total = 35 marks | Objective Type Questions $(5 \times 2) = 05 \times 2 = 10$ marks (Answer all the questions) Long Answers (Answer 1 out of 2) = $1 \times 10 = 10$ marks Short Answers (Answer 2 out of 3) = $2 \times 5 = 10$ marks Total= 30 marks (Avg of both sessional converted to 15) Attendance = 4, Academic activities = 4, Student–Teacher interaction = 2 marks #Total=25 (15+10) | Synopsis =10 marks Experiment = 25 marks Viva = 05 marks Total = 40 (Avg of both sessional converted to 10) Continuous assessment Attendance = 2 Based on Practical Records, Regular viva voce, etc .=3 # Total =15 (10+5) |

| Pattern | University | | Sessional | |
|---------|---|--|---|--|
| 2018 | Theory | Practical | Theory | Practical |
| Pattern | 75 marks | 35 marks | 25 marks | 15 marks |
| | I. Objective Type Questions $(10 \times 2) = 10 \times 2 = 20$ marks (Answer all the questions) II. Long Answers (Answer 2 out of 3) = $2 \times 10 = 20$ marks III. Short Answers (Answer 7 out of 9) = $7 \times 5 = 35$ marks Total = 75 marks | Synopsis= 05 marks Experiments= 25 marks Viva= 05 marks Total = 35 marks | Objective Type Questions $(5 \times 2) = 05 \times 2 = 10$ marks (Answer all the questions) Long Answers (Answer 1 out of 2) = $1 \times 10 = 10$ marks Short Answers (Answer 2 out of 3) = $2 \times 5 = 10$ marks Total= 30 marks (Avg of both sessional converted to 15) Attendance = 4, Academic activities = 4, Student–Teacher interaction = 2 marks #Total=25 (15+10) | Synopsis =10 marks Experiment = 25 marks Viva = 05 marks Total = 40 (Avg of both sessional converted to 10) Continuous assessment Attendance = 2 Based on Practical Records, Regular viva voce, etc .=3 # Total =15 (10+5) |

| Pattern | University | | Sessional | |
|---------|------------|-----------|-----------|-----------|
| 2017 | Theory | Practical | Theory | Practical |
| Pattern | 75 marks | 35 marks | 25 marks | 15 marks |

| | | | | |
|--|---|--|---|---|
| | I. Objective Type Questions $(10 \times 2) = 10 \times 2 = 20$ marks (Answer all the questions) II. Long Answers (Answer 2 out of 3) = $2 \times 10 = 20$ marks III. Short Answers (Answer 7 out of 9) = $7 \times 5 = 35$ marks Total = 75 marks | Synopsis= 05 marks Experiments= 25 marks Viva= 05 marks Total = 35 marks | Objective Type Questions $(5 \times 2) = 05 \times 2 = 10$ marks (Answer all the questions) Long Answers (Answer 1 out of 2) = $1 \times 10 = 10$ marks Short Answers (Answer 2 out of 3) = $2 \times 5 = 10$ marks Total= 30 marks (Avg of both sessional converted to 15) Attendance = 4, Academic activities = 4, Student–Teacher interaction = 2 marks #Total=25 (15+10) | Synopsis =10 marks Experiment = 25 marks Viva = 05 marks Total = 40 (Avg of both sessional converted to 10) Continuous assessment Attendance = 2 Based on Practical Records, Regular viva voce, etc .=3 # Total =15 (10+5) |
|--|---|--|---|---|

- An internal meeting of student program committee members is conducted before the internal exam for confirming the syllabus completion.
- The subject Incharge sets the question paper by mapping with the respective course outcomes. The paper is then subjected to the department HOD for verification of coverage of Cos of the course and
- Sessional question papers are framed as per guidelines of AKTU. Questions are framed by referring question papers of external (semester/annual exam of AKTU) exam. Overall, the quality of all question papers are given to promote self-learning using multiple sources.
- The expected model answers of internal sessional question papers are discussed with students before showing the evaluated answer papers.
- While setting the internal examination question paper (2018 Pattern), examiner has choice to opt MCQ or Objective questions for 10 marks if MCQ is opted, 4 sets of papers are prepared. Questions are

2.2.3 Quality of Students projects (15)

| Type of projects | Number of projects in CAY /CAYm1 /CAY m2 | Impact Analysis | Relevance to PO |
|--|--|---|-----------------|
| Practice School projects: Students of Final year B. Pharm were assigned review/experimental based projects for the subject Practice school as per the syllabus of AKTU. The projects were evaluated by subject in charges. | 91/82/78 | The students have learnt that how research work is carried out by doing literature survey and how to work for research and present their work in a compiled format. | 1,2,3,4,10,11 |

CAY (2022-23)

Students are given Practice school projects or other projects that stimulate their cognitive faculties under the guidance of staff. The details are given below.

Students of Final year B. Pharm were assigned review based/experimental based projects for the subject Practice school in VII Sem and Experimental based projects as project work in VIIIth Sem as per the s

List of Practice school projects (BP706PS) for B. Pharm Final Year (VII Sem):

| S. No. | Name of Student | Uni. Roll No. | Name of Faculty | Topic of project |
|--------|--------------------------|---------------|------------------------|---|
| 1 | Abhay Kumar | 1900560500001 | Dr. Shekhar Singh | Formulation, evaluation and SOP generation of Doxycycline hydrogel for acne. |
| 2 | Abhishek Kumar Maurya | 1900560500002 | Dr. Vishakha Jaiswal | Formulation and evaluation of Doxycycline loaded hydrogel. |
| 3 | Abhishek Kumar Singh | 1900560500003 | Ms. Pallavi Tripathi | Formulation and evaluation of herbal Churna. |
| 4 | Abhishek Tiwari | 1900560500004 | Dr. Vishakha Jaiswal | Formulation and evaluation of <i>in-situ</i> mucoadhesive vaginal antibacterial gel. |
| 5 | Abid Ali | 1900560500005 | Mr. Vishwambhar Mishra | Benefits of Yoga in Cardiovascular diseases. |
| 6 | Aditya Nath Prajapati | 1900560500007 | Ms. Pallavi Tripathi | Pharmacognostical and Phytochemical evaluation of <i>Calotropis gigantea</i> . |
| 7 | Ahmad Raza | 1900560500008 | Dr. Shekhar Singh | Formulation, evaluation and SOP generation of Doxycycline hydrogel for acne. |
| 8 | Ajay Kumar Kushwaha | 1900560500009 | Mr. Vishwambhar Mishra | Benefits of Yoga in Cardiovascular diseases. |
| 9 | Akash Tiwari | 1900560500010 | Ms. Pallavi Tripathi | Pharmacognostical and Phytochemical evaluation of <i>Calotropis gigantea</i> . |
| 10 | Alok Singh Chauhan | 1900560500011 | Ms. Pallavi Tripathi | Formulation and evaluation of herbal Churna. |
| 11 | Aman Pal | 1900560500012 | Mr. Vishwambhar Mishra | Various agents in Aroma Therapy. |
| 12 | Amit Kumar | 1900560500013 | Dr. Shekhar Singh | Formulation, evaluation and SOP generation of Flunarizine nasal drops for migraine. |
| 13 | Amit Kumar Paswan | 1900560500014 | Mr. Vishwambhar Mishra | Various agents in Aroma Therapy. |
| 14 | Ananya Singh | 1900560500016 | Ms. Neelam Datt | Formulation and evaluation of anti-ageing gel. |
| 15 | Animesh Narayan Yadav | 1900560500017 | Dr. Vishakha Jaiswal | Formulation and evaluation of <i>in-situ</i> mucoadhesive vaginal antibacterial gel. |
| 16 | Anshu Shukla | 1900560500018 | Dr. Shekhar Singh | Formulation, evaluation and SOP generation of Flunarizine nasal drops for migraine. |
| 17 | Anupama Kumari | 1900560500019 | Ms. Neelam Datt | Formulation and evaluation of anti-ageing gel. |
| 18 | Anurag Kumar Mishra | 1900560500020 | Dr. Gul Naz Fatima | Design and <i>in-silico</i> toxicity prediction of thiazole analogue. |
| 19 | Ashay Agarwal | 1900560500021 | Mr. Vishwambhar Mishra | Hydrotherapy as Alternative medicine system. |
| 20 | Ashish Gupta | 1900560500022 | Ms. Pallavi Tripathi | Preparation and standardization of Ayurvedic cream for antimicrobial activity. |
| 21 | Ashish Kumar Mishra | 1900560500023 | Dr. Shekhar Singh | Formulation, evaluation and SOP generation of Fluconazole emulgel for antifungal activity. |
| 22 | Ashish Maurya | 1900560500025 | Mr. Vishwambhar Mishra | Hydrotherapy as Alternative medicine system. |
| 23 | Asif Khan | 1900560500026 | Dr. Shekhar Singh | Formulation, evaluation and SOP generation of Fluconazole emulgel for antifungal activity. |
| 24 | Atul Verma | 1900560500027 | Dr. Priyanka Maurya | Formulation and evaluation of Isabgol dietetic cookies. |
| 25 | Avaneesh Singh | 1900560500028 | Dr. Shekhar Singh | Formulation, evaluation and SOP generation of Loratidine emulgel for antihistaminic activity. |
| 26 | Brahmanand Kushwaha | 1900560500029 | Dr. Priyanka Maurya | Formulation and evaluation of Isabgol dietetic cookies. |
| 27 | Dhananjay Singh Kushwaha | 1900560500030 | Dr. Shekhar Singh | Formulation, evaluation and SOP generation of Loratidine emulgel for antihistaminic activity. |
| 28 | Dinesh Kumar Gupta | 1900560500032 | Dr. Priyanka Maurya | Formulation and evaluation of herbal tablet of <i>Tinospora cordifolia</i> . |
| 29 | Dinesh Singh Chauhan | 1900560500033 | Ms. Shristy Srivastava | <i>IN-VITRO</i> evaluation of anti-oxidant potential of <i>Coleus scutellarioides</i> nano particles using FRAP |
| 30 | Dipika Gautam | 1900560500034 | Dr. Vishakha Jaiswal | Formulation and evaluation of Doxycycline loaded hydrogel. |

| | | | | |
|----|---------------------------|---------------|---------------------------|--|
| 31 | Divya Singh | 1900560500035 | Ms. Shristy Srivastava | <i>IN-VITRO</i> evaluation of anti-oxidant potential of <i>Coleus scutellarioides</i> nano particles using FRA |
| 32 | Durgesh Kumar Singh | 1900560500036 | Ms. Pallavi Tripathi | Preparation and standardization of Ayurvedic cream for antimicrobial activity. |
| 33 | Gautam Kumar | 1900560500038 | Dr. Priyanka Maurya | Formulation and evaluation of herbal tablet of <i>Tinospora cordifolia</i> . |
| 34 | Gautam Kumar Pandey | 1900560500039 | Ms. Deepti Tripathi | Prepare the Standard Operating Procedures (SOPs) for Different Equipment in the Instrument Ro |
| 35 | Hariom Sharma | 1900560500040 | Dr. Priyanka Maurya | Formulation and evaluation of digestive churna. |
| 36 | Iqra Khan | 1900560500042 | Ms. Deepti Tripathi | Prepare the Standard Operating Procedures (SOPs) for Different Equipment in the Instrument Ro |
| 37 | Ishika Nigam | 1900560500043 | Ms. Deepti Tripathi | Comparative Quality Control Study of Different Brands of Paracetamol Tablet Available in Local P |
| 38 | Km Anita Patel | 1900560500044 | Ms. Anushri Prakash | Formulation and evaluation of <i>in-situ</i> gelling model containing metronidazole. |
| 39 | Km Priyanka | 1900560500045 | Ms. Anushri Prakash | Formulation and evaluation of <i>in-situ</i> gelling model containing metronidazole. |
| 40 | Lavkush Kumar | 1900560500047 | Dr. Gul Naz Fatima | Drug designing and evaluation. |
| 41 | Manoj Yadav | 1900560500048 | Ms. Deepti Tripathi | Comparative Quality Control Study of Different Brands of Paracetamol Tablet Available in Local P |
| 42 | Moh Arsh | 1900560500049 | Ms. Neelam Mishra | The stability factor: Importance in formulation development. |
| 43 | Mohammad Ahmad | 1900560500050 | Dr. Priyanka Maurya | Formulation and evaluation of digestive churna. |
| 44 | Mohd Asad | 1900560500051 | Dr. Priyanka Maurya | Formulation and evaluation of cinnamon flavoured nutritional powder. |
| 45 | Mohd Safdar Jamal | 1900560500052 | Dr. Priyanka Maurya | Formulation and evaluation of cinnamon flavoured nutritional powder. |
| 46 | Mohsin Beg | 1900560500053 | Ms. Neelam Mishra | Formulation and stability testing of pharmaceutical products. |
| 47 | Mritunjay Kumar Gupta | 1900560500054 | Dr. Gul Naz Fatima | Molecular docking and <i>in-silico</i> ADME profiling of thiazole Schiff base. |
| 48 | Muskan Singh | 1900560500055 | Ms. Shristy Srivastava | <i>IN-VITRO</i> estimation of percentage glucose absorption of different marketed formulations using ir |
| 49 | Naveen Narayan Dev Pandey | 1900560500056 | Dr. Gul Naz Fatima | Molecular docking and <i>in-silico</i> ADME profiling of thiazole Schiff base. |
| 50 | Neha Devi | 1900560500057 | Ms. Neelam Datt | Formulation and evaluation of anti-ageing gel. |
| 51 | Nipunika Bhatnagar | 1900560500058 | Ms. Samiksha Srivastava | Quality control testing of different marketed brand of Paracetamol. |
| 52 | Nitesh Mishra | 1900560500059 | Ms. Anushri Prakash | A comparative study of suspension formulation using plant based suspending agents. |
| 53 | Pallavi Kasaudhan | 1900560500060 | Ms. Geeta Mishra | Schiff base of thiazole: Molecular docking and <i>in-silico</i> ADME study. |
| 54 | Pankaj Dubey | 1900560500061 | Ms. Pallavi Tripathi | Preparation and evaluation of herbal gel by using <i>Piper betel</i> extract |
| 55 | Pankaj Yadav | 1900560500062 | Ms. Anushri Prakash | A comparative study of suspension formulation using plant based suspending agents. |
| 56 | Peeyush Verma | 1900560500063 | Ms. Geeta Mishra | Schiff base of thiazole: Molecular docking and <i>in-silico</i> ADME study. |
| 57 | Pradeep Kumar Singh | 1900560500065 | Ms. Anushri Prakash | Effect of combination super disintegrants on the drug delivery of Oro dispersible tablets. |
| 58 | Pravall Srivastava | 1900560500066 | Ms. Samiksha Srivastava | Synthesis and characterization of furan Schiff base. |
| 59 | Praveen Kumar Yadav | 1900560500067 | Ms. Deepti Tripathi | Formulation and Characterization of Flunarizine Fast-Dissolving tablets. |
| 60 | Rahul Tiwari | 1900560500069 | Ms. Anushri Prakash | Effect of combination super disintegrants on the drug delivery of Oro dispersible tablets. |
| 61 | Ram Ji Mishra | 1900560500070 | Ms. Neelam Datt | Formulation and evaluation of sunscreen lotion. |
| 62 | Sagar Kumar Chaurasia | 1900560500072 | Ms. Anushri Prakash | Formulation and evaluation of floating beads model. |
| 63 | Sakshi Gupta | 1900560500073 | Ms. Neelam Datt | Formulation and evaluation of anti-ageing gel. |
| 64 | Samarth Jaiswal | 1900560500074 | Ms. Deepti Tripathi | Formulation and Characterization of Flunarizine Fast-Dissolving tablets. |
| 65 | Sanjiv Chaudhari | 1900560500075 | Ms. Anushri Prakash | Formulation and evaluation of floating beads model. |
| 66 | Santosh Kumar | 1900560500076 | Ms. Neelam Datt | Formulation and evaluation of sunscreen lotion. |
| 67 | Santosh Verma | 1900560500077 | Ms. Pallavi Tripathi | Preparation and evaluation of herbal gel by using <i>Piper betel</i> extract. |
| 68 | Satyansh Rai | 1900560500078 | Dr. Vishakha Jaiswal | Formulation and evaluation of amla and neem anti-dandruff shampoo. |
| 69 | Satyendra Mishra | 1900560500079 | Ms. Shristy Srivastava | <i>IN-VITRO</i> estimation of percentage glucose absorption of different marketed formulations using ir |
| 70 | Saurabh Chaudhary | 1900560500080 | Dr. Sanjiv Kumar Chaudhri | Formulation and evaluation of Norfloxacin floating tablets. |
| 71 | Seema Adhikari | 1900560500081 | Ms. Geeta Mishra | Schiff base of thiazole: Design and ADME study using computer software. |
| 72 | Shakshi Kant | 1900560500082 | Ms. Samiksha Srivastava | Synthesis and characterization of Schiff bases of thiazole. |
| 73 | Sharad Pandey | 1900560500083 | Ms. Samiksha Srivastava | Synthesis of novel Schiff base and their characterization. |
| 74 | Shivam Singh | 1900560500085 | Dr. Vishakha Jaiswal | Formulation and evaluation of amla and neem anti-dandruff shampoo. |
| 75 | Shobhit Kumar | 1900560500086 | Ms. Samiksha Srivastava | Synthesis and characterization of novel Schiff base. |
| 76 | Shravan Kumar | 1900560500087 | Ms. Nida M. Siddiqui | To formulate and evaluate Lycopene with Gingerol tablets. |
| 77 | Shreya | 1900560500088 | Ms. Geeta Mishra | Formulation, evaluation and SOP generation of Gamifloxacin mesylate syrup. |

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|----|------------------------------------|---------------|---------------------------|---|
| 78 | Shubham Kumar Maurya | 1900560500089 | Ms. Geeta Mishra | Formulation, evaluation and SOP generation of Gamifloxacin mesylate syrup. |
| 79 | Shubham Singh | 1900560500090 | Ms. Neelam Mishra | Synthesis of novel Schiff base and their characterization. |
| 80 | Sudiksha Bharti | 1900560500091 | Ms. Neelam Mishra | Synthesis and characterization of Schiff bases thiazole. |
| 81 | Sumit Kumar Gautam | 1900560500092 | Ms. Nida M. Siddiqui | To formulate and evaluate Lycopene with Gingerol tablets. |
| 82 | Suyash Pandey | 1900560500093 | Dr. Sanjiv Kumar Chaudhri | Formulation and evaluation of Norfloxacin floating tablets. |
| 83 | Tanuj Kumar Singh | 1900560500094 | Dr. Vishakha Jaiswal | Formulation and evaluation of green tea leaf extract face wash gel. |
| 84 | Taroon Aditya | 1900560500095 | Ms. Samiksha Srivastava | Synthesis and characterization of novel thiazole Schiff base. |
| 85 | Vaishali Kaushal | 1900560500096 | Dr. Vishakha Jaiswal | Formulation and evaluation of green tea leaf extract face wash gel. |
| 86 | Vaishnavi Singh | 1900560500097 | Ms. Afreen Hashmi | A comparative study of quality control testings of expired and unexpired tablets. |
| 87 | Vinay Kumar | 1900560500098 | Ms. Nida M. Siddiqui | To formulate and evaluate Curcumin with Triphala churna tablets. |
| 88 | Vivek Singh | 1900560500099 | Ms. Neelam Mishra | Formulation and quality control testing of cold cream. |
| 89 | Rashmi (Lateral Entry) | 2000560509002 | Ms. Neelam Mishra | Quality control testing of different marketed brand of Aceclofenac. |
| 90 | Vishnu Dayal Singh (Lateral Entry) | 2000560509003 | Ms. Nida M. Siddiqui | To formulate and evaluate Curcumin with Triphala churna tablets. |
| 91 | Vivek Tiwari (Lateral Entry) | 2000560509004 | Ms. Afreen Hashmi | A comparative study of quality control testing of expired and unexpired tablets. |

List of Projects Work on Elective (BP 815PW) for B.Pharm Final Year (VIII Sem) :

Semester is going on.

CAY m1(2021-22)

Students are given Practice school projects or other projects that stimulate their cognitive faculties under the guidance of staff. The details are given below.

Students of Final year B.Pharm were assigned review based/experimental based projects for the subject Practice school in VII Sem and Experimental based projects as project work in VIII Sem as per the syllabus.

List of Practice school projects (BP706PS) for B. Pharm Final Year (VII Sem):

| S. No. | Name of Student | Roll No. | Name of Supervisor | Topic of Project |
|--------|-----------------------|------------|--------------------|--|
| 1 | Abhinav Pandey | 1805650001 | Ms. Neelam Mishra | Formulation and evaluation of Clove Vati. |
| 2 | Abhishek Chitranshi | 1805650002 | Ms. Neelam Mishra | Identification of ideal prebiotics as a novel constituent of symbiotic and lay down basic properties in the formulation. |
| 3 | Abhishek Kumar | 1805650004 | Ms. Neelam Mishra | Extraction of <i>Withania somnifera</i> and reveal various chemical constituents by using Thin Layer Chromatography. |
| 4 | Abhishek Raj | 1805650005 | Ms. Neelam Mishra | Preparation and evaluation of Sitopaladi Churna. |
| 5 | Abhishek Rao | 1805650006 | Ms. Neelam Mishra | Pharmacognostic evaluation of Punamava. |
| 6 | Adarsh Kumar Jaisawal | 1805650007 | Ms. Neelam Mishra | Evaluation and characterization of alcoholic and water extract of Liquorice root. |
| 7 | Adarsh Mohan Bajpai | 1805650008 | Ms. Neelam Mishra | Standardization and evaluation of different extracts of neem obtained from successive extraction. |
| 8 | Alka Maurya | 1805650009 | Ms. Neelam Mishra | Comparative pharmacognosy of Rauwolfia and Catharanthus being from the same family Apocynaceae. |
| 9 | Alok Gupta | 1805650010 | Ms. Neelam Mishra | Systematic evaluation of Datura leaf. |
| 10 | Aman Jaiswal | 1805650011 | Ms. Neelam Mishra | Extraction and characterization of the volatile oil obtained from Cinnamomum. |

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|----|------------------------|------------|------------------------|--|
| 11 | Anshika Singh | 1805650012 | Ms. Pallavi Tripathi | Preparation and evaluation of Anti- ageing cream by using carrot extract. |
| 12 | Anurag Biswas | 1805650013 | Ms. Pallavi Tripathi | Preliminary phytochemical and pharmacognostical evaluation of crude drugs in herbal garden. |
| 13 | Anushka Mehta | 1805650014 | Ms. Pallavi Tripathi | Preparation and Standardization of Ayurvedic vati. |
| 14 | Arijit Srivastava | 1805650016 | Ms. Pallavi Tripathi | Monograph Analysis of Herbal Drugs from Recent Pharmacopoeia. |
| 15 | Arun Kumar Chaurasiya | 1805650017 | Ms. Pallavi Tripathi | Preparation and standardization of Cream by using herbal extract of <i>Nyctanthes arbortristis</i> . |
| 16 | Arun Kumar Yadav | 1805650018 | Ms. Pallavi Tripathi | Preparation and standardization of some herbal marketed formulations. |
| 17 | Ashish Bhatia | 1805650020 | Ms. Pallavi Tripathi | Preparation and Standardization of Ayurvedic Churna |
| 18 | Atiqur Rahman | 1805650021 | Ms. Pallavi Tripathi | Preparation and standardization of Triphala Churna & Comparison with marketed formulations. |
| 19 | Brajesh Kumar | 1805650023 | Ms. Pallavi Tripathi | Preparation of herbal gel using Cluster fig leaves extract. |
| 20 | Chitransh Shukla | 1805650024 | Ms. Pallavi Tripathi | Preparation and Standardization of Avalehas. |
| 21 | Deepshikha Kushwaha | 1805650025 | Ms. Deepti Tripathi | Development and <i>In Vitro</i> release evaluation of sustained-release Diclofenac tablets. |
| 22 | Devmani Dwivedi | 1805650026 | Ms. Deepti Tripathi | Development and evaluation of topical Aceclofenac gel using the different gelling agents. |
| 23 | Dheeraj Yadav | 1805650027 | Ms. Deepti Tripathi | Formulation Development and Evaluation of Alginate Microspheres of Ibuprofen. |
| 24 | Dheeraj Kumar Bhatt | 1805650028 | Ms. Deepti Tripathi | Formulation Development and Characterization of Gastroretentive microballoons of metformin containing different st |
| 25 | Dilasha Chakraborty | 1805650029 | Ms. Deepti Tripathi | Formulation and Evaluation of Transdermal Patch containing different plasticizers. |
| 26 | Diwakar Pandey | 1805650030 | Ms. Deepti Tripathi | Formulation Development and <i>In Vitro</i> Characterization of a topical gel containing different penetration enhancers. |
| 27 | Hridayesh Kumar Shukla | 1805650031 | Ms. Deepti Tripathi | <i>In Vitro</i> Antimicrobial activity of topical formulation containing <i>Crissa carandas</i> Linn fruit extract. |
| 28 | Hriti Tejwani | 1805650032 | Ms. Deepti Tripathi | Isolation and evaluation of <i>Artocarpus heterophyllus</i> Lam. Fruit mucilage as a suspending agent. |
| 29 | Huzaifa Wahab | 1805650033 | Ms. Deepti Tripathi | Preparation and evaluation of Fast Dissolving Cetrizine tablets by different methods. |
| 30 | Jitendra Chaudhary | 1805650034 | Ms. Deepti Tripathi | Development and evaluation of a multi-responsive <i>in situ</i> gel of Ciprofloxacin for sustained ocular drug delivery. |
| 31 | Jitendra Kumar Gautam | 1805650035 | Ms. Shristy Srivastava | To study the Bioassay techniques by estimating the effect of physostigmine on the DRC of acetylcholine. |
| 32 | Kajal Pal | 1805650036 | Ms. Shristy Srivastava | Determination of degree of anti-oxidant by comparing Vit-E Capsules, fish and ginger extract using DPPH assay. |
| 33 | Kamini Swaroop Verma | 1805650037 | Ms. Shristy Srivastava | To find out the type of antagonism produced by the atropine using chicken ileum. |
| 34 | Kisan Jaiswal | 1805650038 | Ms. Shristy Srivastava | Estimation of catalase anti-oxidant enzyme by data supporting spectrometric method. |
| 35 | Km Prachi | 1805650039 | Ms. Shristy Srivastava | To study the Protein Binding mechanism of drugs using egg membrane technique and analyse the drug-protein bind by UV visible spectroscopy. |
| 36 | Kumari Jyoti | 1805650040 | Ms. Shristy Srivastava | To study Invitro permeation of drugs using Franz diffusion cell. |
| 37 | Kunal Saxena | 1805650041 | Ms. Shristy Srivastava | To study the synergistic effects of herbal extracts on the DRC of acetylcholine using the chicken ileum. |

| | | | | |
|----|------------------------|------------|--------------------------|--|
| 38 | Lavkush Kumar Maurya | 1805650042 | Ms. Shristy Srivastava | To analyse the skeletal muscle relaxant activity of drugs by bioassay technique method using chicken ileum as a tissue. |
| 39 | Manish Kumar Goyal | 1805650043 | Ms. Shristy Srivastava | To estimate the anti-ulcer potential of <i>Musa paradisiaca</i> extract by acid yurvedas method. |
| 40 | Md Amir | 1805650044 | Ms. Shristy Srivastava | To find out the status of oxidative stress by estimating the level of SOD and catalase in goat liver. |
| 41 | Mohd Adnan | 1805650045 | Dr. Vishakha Jaiswal | <i>In-vitro</i> antioxidant activity of dried coffee beans by Nitric oxide radical scavenging, Hydrogen peroxide scavenging activity and reducing activity (along with standard compound). |
| 42 | Mukesh Kumar | 1805650046 | Dr. Vishakha Jaiswal | <i>In-vitro</i> anti-inflammatory activity of Diclofenac in terms of effects of hypotonic solution-induced haemolysis on RBC membrane stabilization and effects of inhibition of protein denaturation activity (along with standard compound). |
| 43 | Pallavi | 1805650047 | Dr. Vishakha Jaiswal | <i>In-vitro</i> antioxidant activity of Aloe vera gel by Nitric oxide radical scavenging, Hydrogen peroxide scavenging activity and reducing activity (along with standard compound). |
| 44 | Pooja Maurya | 1805650048 | Dr. Vishakha Jaiswal | <i>In-vitro</i> anti-inflammatory activity of Ibuprofen in terms of effects of hypotonic solution-induced haemolysis on RBC membrane stabilization and effects of inhibition of protein denaturation activity (along with standard compound). |
| 45 | Praveen Kumar Patel | 1805650049 | Dr. Vishakha Jaiswal | <i>In-vitro</i> anti-inflammatory activity of dried coffee beans in terms of effects of hypotonic solution-induced haemolysis on RBC membrane stabilization and effects of inhibition of protein denaturation activity (along with standard compound). |
| 46 | Prem Chand | 1805650050 | Dr. Vishakha Jaiswal | <i>In-vitro</i> anti-inflammatory activity of rhizome of Zingiber officinale in terms of effects of hypotonic solution-induced haemolysis on RBC membrane stabilization and effects of inhibition of protein denaturation activity (along with standard compound). |
| 47 | Priya Kashyap | 1805650051 | Dr. Vishakha Jaiswal | <i>In-vitro</i> anti-ulcer activity acid neutralizing capacity of Aloe Vera leaf juice, Carica papaya seed, Zingiber officinale rhizome bulb juice (along with standard compound). |
| 48 | Priyanka Rai | 1805650052 | Dr. Vishakha Jaiswal | <i>In-vitro</i> Ocular Irritation Potential Assessment and <i>In-vitro</i> anti-oxidant potential of flowers petals of Hibiscus rosa sinensis extracts. |
| 49 | Purnima Pandey | 1805650053 | Dr. Vishakha Jaiswal | <i>In-vitro</i> anti-oxidant activity of rhizome of Zingiber officinale by Nitric oxide radical scavenging, Hydrogen peroxide scavenging activity and reducing activity (along with standard compound). |
| 50 | Pushkar Nath Kasaudhan | 1805650054 | Dr. Vishakha Jaiswal | <i>In-vitro</i> anti-inflammatory activity of Aloe vera gel in terms of effects of hypotonic solution-induced haemolysis on RBC membrane stabilization and effects of inhibition of protein denaturation activity (along with standard compound). |
| 51 | Raj Kishan Azad | 1805650055 | Dr. Prafulla C. Tripathi | Comparative evaluation of safety, efficacy and cognitive profile of quetiapine, pimvaserin, olanzapine and clonazepam in induced psychosis patients. |
| 52 | Rajnish Pandey | 1805650056 | Dr. Prafulla C. Tripathi | To study anti-hemolytic activity of commercially available cosmetics. |
| 53 | Ranjana | 1805650057 | Dr. Prafulla C. Tripathi | To determine protein content of commercially available nutraceuticals using Lowry method and evaluate their anti-oxidant activity. |
| 54 | Samreen Fatima | 1805650058 | Dr. Prafulla C. Tripathi | Pharmacovigilance signal detection and validation of covid vaccines and their comparison with safety profile of Flu vaccine. |
| 55 | Sandeep Gautam | 1805650059 | Dr. Prafulla C. Tripathi | To study anti-lipid peroxidation property of commercially available cosmetics using goat liver homogenate. |
| 56 | Sandeep Kumar | 1805650060 | Dr. Prafulla C. Tripathi | To study toxicity profile of commercially available anti- ageing products using Hen's Egg Test. |
| 57 | Sandip Kumar Harijan | 1805650061 | Dr. Prafulla C. Tripathi | To determine total anti-oxidant capacity of commercially available anti-oxidants. |
| 58 | Sarvesh Kumar | 1805650062 | Dr. Prafulla C. Tripathi | To study mutagenicity of commercially available cosmetics using AMES test. |
| 59 | Satyam Kumar Jaiswal | 1805650063 | Dr. Prafulla C. Tripathi | Determination of polyphenolic content in commercially available nutraceuticals using Folin-Ciocalteu. |
| 60 | Saumya Singh | 1805650065 | Dr. Prafulla C. Tripathi | To determine total protein content and estimation of SOD and Catalase activity in commercially available anti- ageing products. |

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| 61 | Shiv Pratap Khushwaha | 1805650067 | Dr.Ila Dixit | In vitro study on anti-hemolytic activity of different ayurvedic asavas. |
| 62 | Shiva Singh | 1805650068 | Dr.Ila Dixit | Comparative study of antioxidant capacity of commercial essential oil and peel extract of citrus fruits. |
| 63 | Shivangi Rai | 1805650069 | Dr.Ila Dixit | Comparative analysis of total antioxidant capacity of green teas from different brands. |
| 64 | Shivangi Singh | 1805650070 | Dr.Ila Dixit | A study of the impact of clinical pharmacist in pediatric patient care. |
| 65 | Shoaib Iqbal | 1805650071 | Dr.Ila Dixit | Incidences of ADRs in geriatric patients: A detailed report |
| 66 | Shreyash Agarwal | 1805650072 | Dr.Ila Dixit | A report on impact of Drug-Drug interaction and its management in cancer patients |
| 67 | Shyam Bahal Jaiswal | 1805650073 | Dr.Ila Dixit | In vitro study on anti-hemolytic activity of different ayurvedic asavas. |
| 68 | Soumya Maurya | 1805650074 | Dr.Ila Dixit | Comparative study of antioxidant capacity of commercial essential oil and peel extract of citrus fruits. |
| 69 | Srishti | 1805650075 | Dr.Ila Dixit | Exhaustive analysis of combination of drugs used in COPD patients |
| 70 | Sumant Kumar Gupta | 1805650076 | Dr.Ila Dixit | A report on Drug-Drug interaction in case of ayurvedic formulations |
| 71 | Sunny Deval | 1805650078 | Dr.Ila Dixit | Exhaustive analysis of combination of drugs used in COPD patients |
| 72 | Supriya Pandey | 1805650079 | Ms. Geeta Mishra | Design, molecular docking study of (2-chloro-phenyl)-acetic acid (4-methyl-benzylidene)-hydrazide |
| 73 | Sushil Kumar | 1805650082 | Ms. Geeta Mishra | Design, molecular docking study of (2-chloro-phenyl)-acetic acid (2,4-dihydroxy-benzylidene)-hydrazide |
| 74 | Vaibhav Chaudhary | 1805650084 | Ms. Geeta Mishra | Design, molecular docking study of (2-chlorophenyl)-acetic acid (4-hydroxy-benzylidene)-hydrazide |
| 75 | Vijay Yadav | 1805650085 | Ms. Geeta Mishra | Design, molecular docking study of (2-chloro-phenyl)-acetic acid (4-methoxy-benzylidene)-hydrazide |
| 76 | Virendra Kumar | 1805650086 | Ms. Geeta Mishra | Design, molecular docking study of (2-chloro-phenyl)-acetic acid (2-nitro-benzylidene)-hydrazide |
| 77 | Vivek Kumar | 1805650087 | Ms. Geeta Mishra | Design, molecular docking study of (2-chloro-phenyl)-acetic acid (3-phenyl-allylidene)-hydrazide |
| 78 | Vivek Srivastava | 1805650088 | Ms. Geeta Mishra | Design, molecular docking study of (2-chloro-phenyl)-acetic acid (4-ethoxy-benzylidene)-hydrazide |
| 79 | Yogesh Chandra | 1805650089 | Ms. Geeta Mishra | Design, molecular docking study of 2-(2-chloro-benzyl)-5-(4-methoxy-phenyl)-1,3,4-oxadiazole |
| 80 | Suman Singh | 1900560509001 | Ms. Geeta Mishra | Design, molecular docking study of 2-(2-chloro-benzyl)-5-p-tolyl-1,3,4-oxadiazole |
| 81 | Sunil Kumar Sonkar | 1900560509002 | Ms. Geeta Mishra | Design, molecular docking study of 2-(2-chloro-benzyl)-5-(2-nitro-phenyl)-1,3,4-oxadiazole |
| 82 | Vivek Kumar Pandey | 1900560509003 | Ms. Geeta Mishra | Design, molecular docking study of 2-(2-chloro-benzyl)-5-styryl-1,3,4-oxadiazole |

List of Projects Work on Elective (BP 815PW) for B.Pharm Final Year (VIII Sem) :

| S. No. | Name of Student | Roll No. | Name of Supervisor | Topic of Project |
|--------|---------------------|------------|---------------------|--|
| 1 | Abhinav Pandey | 1805650001 | Dr. Shradha Bisht | Safety monitoring in clinical trials. |
| 2 | Abhishek Chitranshi | 1805650002 | Dr. Priyanka Maurya | Formulation and evaluation of Metronidazole floating beads. |
| 3 | Abhishek Kumar | 1805650004 | Dr. Priyanka Maurya | Accelerated stability studies of Tinidazole as per ICH guidelines. |

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| 4 | Abhishek Raj | 1805650005 | Dr. Shradha Bisht | Pharmacovigilance in clinical trial safety monitoring and management. |
| 5 | Abhishek Rao | 1805650006 | Dr. Priyanka Maurya | Development and evaluation of Aspirin tablet. |
| 6 | Adarsh Kumar Jaisawal | 1805650007 | Dr. Shradha Bisht | Ethical review procedure in biomedical research involving human participant. |
| 7 | Adarsh Mohan Bajpai | 1805650008 | Dr. Shradha Bisht | Pharmacovigilance program of India. |
| 8 | Alka Maurya | 1805650009 | Dr. Shradha Bisht | Risk and opportunity in development of new drug. |
| 9 | Alok Gupta | 1805650010 | Dr. Shradha Bisht | Patent issues in ANDA approval. |
| 10 | Aman Jaiswal | 1805650011 | Dr. Shradha Bisht | Electronic common technical document (eCTD) |
| 11 | Anshika Singh | 1805650012 | Dr. Priyanka Maurya | Formulation and evaluation of toothpaste. |
| 12 | Anurag Biswas | 1805650013 | Dr. Shradha Bisht | Drug master file. |
| 13 | Anushka Mehta | 1805650014 | Dr. Priyanka Maurya | Formulation and evaluation of Tinidazole microsphere. |
| 14 | Arjit Srivastava | 1805650016 | Dr. Shradha Bisht | Comparative study of IND application process in US, Europe, India. |
| 15 | Arun Kumar Chaurasiya | 1805650017 | Dr. Priyanka Maurya | Preformulation study for Nimesulide and Ibuprofen. |
| 16 | Arun Kumar Yadav | 1805650018 | Dr. Priyanka Maurya | Formulation and evaluation of chewable antacid tablet. |
| 17 | Ashish Bhatia | 1805650020 | Dr. Shradha Bisht | Introduction to expedited approval pathways. |
| 18 | Atiqur Rahman | 1805650021 | Dr. Shradha Bisht | Development of clinical trial protocol. |
| 19 | Brajesh Kumar | 1805650023 | Dr. Priyanka Maurya | Preparation and evaluation of mouth dissolving tablet using natural polymer. |
| 20 | Chitransh Shukla | 1805650024 | Dr. Shradha Bisht | Current regulation and guidelines for biomedical research involving human participation in India. |
| 21 | Deepshikha Kushwaha | 1805650025 | Dr. Priyanka Maurya | Formulation and evaluation of aspirin mouth dissolving tablet. |
| 22 | Devmani Dwivedi | 1805650026 | Dr. Priyanka Maurya | Accelerated stability studies of Metronidazole and Norfloxacin as per ICH guidelines. |
| 23 | Dheeraj Yadav | 1805650027 | Dr. Shradha Bisht | Approval process of ANDA and associate regulation in different country. |
| 24 | Dheeraj Kumar Bhatt | 1805650028 | Dr. Shradha Bisht | GCP obligation of investigators sponsors and monitors. |
| 25 | Dilasha Chakraborty | 1805650029 | Dr. Shradha Bisht | Regulatory authorities of India, United States and European Union. |
| 26 | Diwakar Pandey | 1805650030 | Dr. Priyanka Maurya | Accelerated stability studies of Aspirin as per ICH guidelines. |
| 27 | Hridayesh Kumar Shukla | 1805650031 | Dr. Priyanka Maurya | Formulation and evaluation of Norfloxacin dispersible tablet using natural disintegrants. |
| 28 | Hriti Tejwani | 1805650032 | Dr. Priyanka Maurya | Formulation and optimization of Aspirin mouth dissolving tablets. |
| 29 | Huzaifa Wahab | 1805650033 | Dr. Shradha Bisht | Clinical trial- Phases, responsibilities and scenarios in India. |
| 30 | Jitendra Chaudhary | 1805650034 | Dr. Priyanka Maurya | Formulation and evaluation of Nimesulide topical gel. |

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| 31 | Jitendra Kumar Gautam | 1805650035 | Dr. Shradha Bisht | Institutional ethics committee role and responsibilities. |
| 32 | Kajal Pal | 1805650036 | Dr. Priyanka Maurya | Formulation and evaluation of an in-situ gel for ocular drug delivery of anti-conjunctival drug. |
| 33 | Kamini Swaroop Verma | 1805650037 | Dr. Priyanka Maurya | Accelerated stability studies of Tinidazole as per ICH guidelines. |
| 34 | Kisan Jaiswal | 1805650038 | Dr. Priyanka Maurya | Preparation and evaluation of mouth dissolving Ibuprofen tablet. |
| 35 | Km Prachi | 1805650039 | Dr. Priyanka Maurya | Enhancement of solubility and dissolution profile of Ibuprofen by solid dispersion technique. |
| 36 | Kumari Jyoti | 1805650040 | Dr. Shradha Bisht | Informed consent process in clinical trials. |
| 37 | Kunal Saxena | 1805650041 | Dr. Shradha Bisht | Pharmacovigilance study of cancer. |
| 38 | Lavkush Kumar Maurya | 1805650042 | Dr. Shradha Bisht | Drug master file. |
| 39 | Manish Kumar Goyal | 1805650043 | Dr. Priyanka Maurya | Formulation and evaluation of chewable antacid tablet. |
| 40 | Md Amir | 1805650044 | Dr. Priyanka Maurya | Accelerated stability studies of Chloramphenicol as per ICH guidelines. |
| 41 | Mohd Adnan | 1805650045 | Dr. Vishakha Jaiswal | Formulation and evaluation of direct compression metronidazole tablet. |
| 42 | Mukesh Kumar | 1805650046 | Mr. Vishwambhar Mishra | Drug master file. |
| 43 | Pallavi | 1805650047 | Dr. Vishakha Jaiswal | Formulation and evaluation of Paracetamol paediatric suspension using natural suspending agent. |
| 44 | Pooja Maurya | 1805650048 | Mr. Vishwambhar Mishra | ANDA new drug development process. |
| 45 | Praveen Kumar Patel | 1805650049 | Dr. Vishakha Jaiswal | Preformulation and excipient compatibility studies of Metronidazole with kaolin, dicalcium phosphate and starch. |
| 46 | Prem Chand | 1805650050 | Dr. Vishakha Jaiswal | Formulation and optimization of <i>in-situ</i> gel of Ibuprofen. |
| 47 | Priya Kashyap | 1805650051 | Mr. Vishwambhar Mishra | Clinical studies in new drug discovery and development. |
| 48 | Priyanka Rai | 1805650052 | Dr. Vishakha Jaiswal | Formulation and evaluation of directly compressible tablet of acetyl salicylic acid. |
| 49 | Purnima Pandey | 1805650053 | Dr. Vishakha Jaiswal | Preparation and evaluation of Metronidazole hydrogel-based tablet. |
| 50 | Pushkar Nath Kasaudhan | 1805650054 | Mr. Vishwambhar Mishra | Pharmacovigilance-safety monitoring in clinical trials in India. |
| 51 | Raj Kishan Azad | 1805650055 | Dr. Vishakha Jaiswal | Preformulation studies of Paracetamol and Tinidazole. |
| 52 | Rajnish Pandey | 1805650056 | Mr. Vishwambhar Mishra | ASEAN common technical document (ACTD). |
| 53 | Ranjana | 1805650057 | Dr. Vishakha Jaiswal | Development and evaluation of Aspirin sustained release tablet. |
| 54 | Samreen Fatima | 1805650058 | Dr. Vishakha Jaiswal | Formulation and evaluation of Tinidazole antibacterial gel. |

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| 55 | Sandeep Gautam | 1805650059 | Mr. Vishwambhar Mishra | Independent ethics committee formation and working procedure. |
| 56 | Sandeep Kumar | 1805650060 | Dr. Vishakha Jaiswal | Formulation and evaluation of Aspirin sustained release tablet. |
| 57 | Sandip Kumar Harijan | 1805650061 | Mr. Vishwambhar Mishra | Regulatory approval process investigational new drug. |
| 58 | Sarvesh Kumar | 1805650062 | Mr. Vishwambhar Mishra | Drug master file. |
| 59 | Satyam Kumar Jaiswal | 1805650063 | Mr. Vishwambhar Mishra | Drug regulatory authorities of India. |
| 60 | Saumya Singh | 1805650065 | Dr. Vishakha Jaiswal | Formulation and evaluation of Nimesulide emulgel. |
| 61 | Shiv Pratap Khushwaha | 1805650067 | Dr. Vishakha Jaiswal | Formulation and evaluation of toothpaste. |
| 62 | Shiva Singh | 1805650068 | Dr. Vishakha Jaiswal | Solubility enhancement of Nimesulide solid dispersion by solvent evaporation method. |
| 63 | Shivangi Rai | 1805650069 | Dr. Vishakha Jaiswal | Pre formulation studies, formulation and evaluation of Norfloxacin paediatric suspension. |
| 64 | Shivangi Singh | 1805650070 | Dr. Vishakha Jaiswal | Preparation and evaluation of Paracetamol and Ibuprofen tablet. |
| 65 | Shoaib Iqbal | 1805650071 | Mr. Vishwambhar Mishra | Overview of regulatory authorities of Australia. |
| 66 | Shreyash Agarwal | 1805650072 | Mr. Vishwambhar Mishra | Common technical document. |
| 67 | Shyam Bahal Jaiswal | 1805650073 | Mr. Vishwambhar Mishra | Abbreviated New Drug Application (ANDA). |
| 68 | Soumya Maurya | 1805650074 | Dr. Vishakha Jaiswal | Preparation and evaluation of Metronidazole tablet by wet granulation. |
| 69 | Srishti | 1805650075 | Mr. Vishwambhar Mishra | Stages of drug discovery. |
| 70 | Sumant Kumar Gupta | 1805650076 | Dr. Vishakha Jaiswal | Preparation and evaluation of Ibuprofen in-situ gel. |
| 71 | Sunny Deval | 1805650078 | Mr. Vishwambhar Mishra | Approval process and timelines involved in IND. |
| 72 | Supriya Pandey | 1805650079 | Dr. Vishakha Jaiswal | Preformulation and characterization study of Metronidazole and Norfloxacin. |
| 73 | Sushil Kumar | 1805650082 | Mr. Vishwambhar Mishra | Drug discovery and development. |
| 74 | Vaibhav Chaudhary | 1805650084 | Mr. Vishwambhar Mishra | Generic drug product development. |
| 75 | Vijay Yadav | 1805650085 | Mr. Vishwambhar Mishra | Stages of new drug discovery and development. |
| 76 | Virendra Kumar | 1805650086 | Mr. Vishwambhar Mishra | Overview of regulatory authorities United States. |

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|----|--------------------|---------------|------------------------|--|
| 77 | Vivek Kumar | 1805650087 | Mr. Vishwambhar Mishra | Preclinical studies in new drug discovery and development. |
| 78 | Vivek Srivastava | 1805650088 | Mr. Vishwambhar Mishra | Common technical document. |
| 79 | Yogesh Chandra | 1805650089 | Mr. Vishwambhar Mishra | Pharmacovigilance-safety monitoring in clinical trials. |
| 80 | Suman Singh | 1900560509001 | Dr. Vishakha Jaiswal | Preparation and evaluation of mouth dissolving tablet of Ibuprofen. |
| 81 | Sunil Kumar Sonkar | 1900560509002 | Dr. Vishakha Jaiswal | Formulation and evaluation of Aspirin tablet by direct compression method. |
| 82 | Vivek Kumar Pandey | 1900560509003 | Dr. Vishakha Jaiswal | Formulation and evaluation of Oro-dispersible tablet of Ibuprofen. |

CAYm2 (2020-21) B. Pharm. VII Sem:**List of Practice school projects:**

| S. No. | Name of Student | Roll No. | Supervisor | Topic |
|--------|------------------------|------------|-----------------|--|
| 1 | Rumman Khan | 1605650063 | Ms. Neelam Datt | Formulation and comparison of invitro drug release of preparedocular gel and ointment |
| 2 | Abdullah Ahmad | 1705650001 | Ms. Neelam Datt | Formulation and evaluation of mucoadhesive buccal gel. |
| 3 | Abhishek Chaudhary | 1705650002 | Ms. Neelam Datt | Formulation and comparison of <i>in-vitro</i> drug release of preparedocular gel and ointment |
| 4 | Adarsh Mishra | 1705650003 | Ms. Neelam Datt | Formulation and characterization of silver nanoparticles by microwave irradiation methods |
| 5 | Afiya Furquan | 1705650004 | Ms. Neelam Datt | Development and characterization of in situ gel. |
| 6 | Aiman Fatima | 1705650005 | Ms. Neelam Datt | To study the effect of disintegrants on the <i>invitro</i> drug release study |
| 7 | Aman Kumar | 1705650007 | Ms. Neelam Datt | Development and evaluations of tablet by wet granulation method |
| 8 | Amit Kumar Vishwakarma | 1705650009 | Ms. Neelam Datt | To study the effect of crosslinking agents on microbeads. |
| 9 | Anchal Yadav | 1705650010 | Ms. Neelam Datt | To study the effect of particle size on solubility of drug by different solid dispersion method. |
| 10 | Anil Yadav | 1705650011 | Ms. Neelam Datt | Formulation and characterization of silver nanoparticles by microwave irradiation methods |
| 11 | Anjali Gupta | 1705650012 | Ms. Neelam Datt | To study the effect of suspending agents on sedimentation rate. |
| 12 | Ankur Mishra | 1705650014 | Ms. Neelam Datt | Formulation and optimization of antiacne gel. |
| 13 | Anmol Jaiswal | 1705650015 | Ms. Neelam Datt | Formulation and optimization of antiacne gel. |
| 14 | Anup Kumar Singh | 1705650016 | Ms. Neelam Datt | Formulation and evaluation of transdermal patch. |
| 15 | Aryan Rai | 1705650017 | Ms. Neelam Datt | Formulation and evaluation of dental film. |
| 16 | Asheesh Kumar Maurya | 1705650018 | Ms. Neelam Datt | Development and evaluations of tablet by wet granulation method. |
| 17 | Ashutosh Yadav | 1705650019 | Ms. Neelam Datt | Formulation and evaluation of controlled release tablets. |

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| 18 | Atma Nishad | 1705650020 | Ms. Neelam Datt | Formulation and evaluation of controlled release tablets. |
| 19 | Awadh Bajpai | 1705650021 | Ms. Neelam Datt | Formulation and evaluation of transdermal patch. |
| 20 | Brahm Kumar Sharma | 1705650022 | Ms. Neelam Datt | Formulation and evaluation of solid dispersion containing topical gel. |
| 21 | Deepa Neopane | 1705650023 | Ms. Neelam Datt | Formulation and optimization of herbal extract containing of sunscreen. |
| 22 | Diksha Singh | 1705650024 | Ms. Neelam Datt | To study the comparative in vitro drug release study of prepared of eye ointment and gel. |
| 23 | Harshbardhan Shahi | 1705650026 | Ms. Neelam Datt | To study the effect of emulsifying agents on stability of emulsion |
| 24 | Khyaati Misra | 1705650029 | Ms. Neelam Datt | Formulation and evaluation of dental film. |
| 25 | Kishn Shukla | 1705650030 | Ms. Neelam Datt | To study the effect of emulsifying agents on stability of emulsion |
| 26 | Km Madhu Sharma | 1705650031 | Ms. Neelam Datt | To study the effect of emulsifying agents on stability of emulsion. |
| 27 | Km Vibha Patel | 1705650032 | Ms. Neelam Datt | Formulation and evaluation of microspheres. |
| 28 | Komal Gupta | 1705650033 | Ms. Neelam Datt | To study the effect of emulsifying agents on stability of emulsion. |
| 29 | Komal Tiwari | 1705650034 | Ms. Neelam Datt | Formulation and optimization of herbal extract containing of sunscreen. |
| 30 | Kritika Singh | 1705650036 | Ms. Neelam Datt | To study the effect of suspending agents on sedimentation rate. |
| 31 | Laxmi Kant | 1705650037 | Ms. Neelam Datt | Formulation and evaluation of suppositories. |
| 32 | Mo Irasd | 1705650038 | Ms. Neelam Datt | Formulation and evaluation of dental gel. |
| 33 | Mohammed Azaruddin | 1705650039 | Ms. Neelam Datt | Formulation and evaluation of vitamin c tablet using amla extract. |
| 34 | Mohd Ameen | 1705650041 | Ms. Neelam Datt | To study the effect of suspending agents on sedimentation rate. |
| 35 | Mohd Dawood | 1705650042 | Ms. Neelam Datt | Formulation and evaluation of effervescent granules containing tablet. |
| 36 | Mridul Kumar Yadav | 1705650043 | Ms. Neelam Datt | Formulation and evaluation of effervescent granules containing tablet. |
| 37 | Mukesh Kumar Chaudhary | 1705650044 | Ms. Neelam Datt | Formulation and evaluation of beads. |
| 38 | Naureen Khan | 1705650045 | Ms. Neelam Datt | To study the effect of particle size on sedimentation rate. |
| 39 | Naushad Mansoor | 1705650046 | Ms. Neelam Datt | Formulation and evaluation of dental gel. |
| 40 | Noor Ali | 1705650048 | Ms. Neelam Datt | Formulation and evaluation of mucoadhesive buccal gel. |
| 41 | Patwa Pooja Bansidhar | 1705650049 | Ms. Neelam Datt | To study the effect of particle size on sedimentation rate. |
| 42 | Pooja Singh | 1705650050 | Ms. Neelam Datt | To validate the sterility of autoclave. |
| 43 | Pradumma Mishra | 1705650051 | Ms. Neelam Datt | To study the effect of suspending agents on sedimentation rate. |
| 44 | Preeti Yadav | 1705650052 | Ms. Neelam Datt | Formulation and evaluation of ocular gel. |
| 45 | Prerna Kewlani | 1705650053 | Ms. Neelam Datt | Formulation and evaluation of ocular gel. |
| 46 | Priyansh Chokhani | 1705650054 | Ms. Neelam Datt | Development and optimization of antioxidant cream containing different herbal extracts. |
| 47 | Rajdeep Gupta | 1705650056 | Ms. Neelam Datt | Formulation and evaluation of beads. |

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| 48 | Ramit Yadav | 1705650057 | Ms. Neelam Datt | Study the applications of different pharmaceutical software. |
| 49 | Rishabh Dubey | 1705650059 | Ms. Neelam Datt | Formulation and <i>In vitro</i> evaluation of solid dispersion containing suspension. |
| 50 | Rohit Vishwakarma | 1705650060 | Ms. Neelam Datt | Preparation and evaluation of effervescent granules. |
| 51 | Rohit Yadav | 1705650061 | Ms. Neelam Datt | Preparation and evaluation of effervescent granules. |
| 52 | Rupali | 1705650062 | Ms. Neelam Datt | Formulation and evaluation of microspheres. |
| 53 | Saawan Kumar Verma | 1705650063 | Ms. Neelam Datt | To study the effect of binder on dissolution of drug. |
| 54 | Samra Fatima | 1705650064 | Ms. Neelam Datt | To study the effect of particle size on solubility of drug by different solid dispersion method. |
| 55 | Satish Kumar | 1705650065 | Ms. Neelam Datt | Study the applications of different pharmaceutical software. |
| 56 | Satyam Jaiswal | 1705650066 | Ms. Neelam Datt | To study the effect of binder on dissolution of drug. |
| 57 | Shahzad Ahmad | 1705650067 | Ms. Neelam Datt | Formulation and evaluation of emulsion. |
| 58 | Shashi Kant Singh | 1705650068 | Ms. Neelam Datt | Formulation and evaluation of emulsion. |
| 59 | Shashi Kashyap | 1705650069 | Ms. Neelam Datt | To study the comparative in vitro drug release study of prepared of eye ointment and gel. |
| 60 | Shivam Pandey | 1705650070 | Ms. Neelam Datt | Preparation and evaluation of effervescent granules. |
| 61 | Sonaxi Agrahari | 1705650072 | Ms. Neelam Datt | To validate the sterility of autoclave. |
| 62 | Sri Mohan Pandey | 1705650074 | Ms. Neelam Datt | Formulation and evaluation of vitamin c tablet using amla extract |
| 63 | Sumit Kumar | 1705650075 | Ms. Neelam Datt | Preparation and evaluation of effervescent granules. |
| 64 | Sumit Kumar Pathak | 1705650076 | Ms. Neelam Datt | Formulation and evaluation of silver nanoparticles. |
| 65 | Suraj Prakash Gupta | 1705650077 | Ms. Neelam Datt | Formulation and evaluation of solid dispersion containing topical gel. |
| 66 | Suraj Yadav | 1705650078 | Ms. Neelam Datt | Formulation and evaluation of silver nanoparticles. |
| 67 | Sushma | 1705650079 | Ms. Neelam Datt | Formulation and <i>In vitro</i> evaluation of solid dispersion containing suspension. |
| 68 | Sushma Patel | 1705650080 | Ms. Neelam Datt | Development and characterization of in situ gel. |
| 69 | Vaishali Singh | 1705650082 | Ms. Neelam Datt | Formulation and evaluation of silver nanoparticles. |
| 70 | Vikas Kumar Yadav | 1705650083 | Ms. Neelam Datt | Formulation and evaluation of lip balm using beet root extract |
| 71 | Vikas Singh | 1705650084 | Ms. Neelam Datt | Formulation and evaluation of lip balm using beet root extract |
| 72 | Vinay Yadav | 1705650085 | Ms. Neelam Datt | Formulation and evaluation of zinc nanoparticles. |
| 73 | Vivek Kumar | 1705650088 | Ms. Neelam Datt | Development and optimization of antioxidant cream containing different herbal extracts. |
| 74 | Wasi Ahmad | 1705650089 | Ms. Neelam Datt | Formulation and evaluation of microcapsules. |
| 75 | ZiyaUrrahman Khan | 1705650090 | Ms. Neelam Datt | Formulation and evaluation of microcapsules. |

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|----|-----------------|------------|-----------------|---|
| 76 | Adarsh Kumar | 1805650901 | Ms. Neelam Datt | Formulation and evaluation of zinc nanoparticles. |
| 77 | Vivek Chaudhary | 1805650902 | Ms. Neelam Datt | Formulation and evaluation of suppositories. |

CAYm2 (2020-21)**List of Projects on elective B. Pharm VIII Sem:**

| S.No. | Name of Student | Roll No. | Topic |
|-------|------------------------|------------|---|
| 1. | Rumman Khan | 1605650063 | Formulation and evaluation of cold cream. |
| 2. | Abdullah Ahmad | 1705650001 | Preparation and evaluation of suspension. |
| 3. | Abhishek Chaudhary | 1705650002 | Drug development process. |
| 4. | Adarsh Mishra | 1705650003 | Preparation and evaluation of dry syrup. |
| 5. | Afiya Furquan | 1705650004 | Formulation and evaluation of paediatric paracetamol syrup 100mg/5ml. |
| 6. | Aiman Fatima | 1705650005 | To perform the stability studies of the given combination of drugs. |
| 7. | Aman Kumar | 1705650007 | Concept of generics and Generic Product development. |
| 8. | Amit Kumar Vishwakarma | 1705650009 | Drug development teams and their responsibilities. |
| 9. | Anchal Yadav | 1705650010 | Quality control tests for sustained release tablet of Pantoprazole. |
| 10. | Anil Yadav | 1705650011 | Stages of drug discovery. |
| 11. | Anjali Gupta | 1705650012 | Prepare and evaluate an enteric coated formulation. |
| 12. | Ankur Mishra | 1705650014 | Importance and use of orange book. |
| 13. | Anmol Jaiswal | 1705650015 | FDA Review Procedures for drug master file (DMF). |
| 14. | Anup Kumar Singh | 1705650016 | Formulation and evaluation of Immediate release paracetamol tablet 500mg. |
| 15. | Aryan Rai | 1705650017 | Risks and Opportunities in Development of New Drug. |
| 16. | Asheesh Kumar Maurya | 1705650018 | Guidelines for designing a multivitamin tablet. |
| 17. | Ashutosh Yadav | 1705650019 | Challenges in Regulatory Filings for Generic Products. |
| 18. | Atma Nishad | 1705650020 | Quality control tests for vials. |
| 19. | Awadh Bajpai | 1705650021 | Concept of generics and Generic Product development. |
| 20. | Brahm Kumar Sharma | 1705650022 | Guidelines considered for formulation of Metoprolol tablet. |
| 21. | Deepa Neopane | 1705650023 | Formulation strategy for a BCS class II drug. |
| 22. | Diksha Singh | 1705650024 | Formulation and evaluation of a sugar-coated tablet (Multivitamin). |
| 23. | Harshbardhan Shahi | 1705650026 | Risks and Opportunities in Development of New Drug. |
| 24. | Khyaati Misra | 1705650029 | Formulation and evaluation of Pain relief ointment. |
| 25. | Kishn Shukla | 1705650030 | ASEAN Common Technical Document (ACTD) research. |
| 26. | Km Madhu Sharma | 1705650031 | Drug development teams and their responsibilities. |
| 27. | Km Vibha Patel | 1705650032 | Quality control tests for an antacid suspension. |
| 28. | Komal Gupta | 1705650033 | The Role of Regulatory Affair in Pharmaceutical Exports. |
| 29. | Komal Tiwari | 1705650034 | Preparation and evaluation of Sterile water for injection |
| 30. | Kritika Singh | 1705650036 | Formulation and evaluation of a conventional Ibuprofen tablet (400mg) |
| 31. | Laxmi Kant | 1705650037 | ASEAN Common Technical Document (ACTD) research. |

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| 32. | Mo Irasd | 1705650038 | Formulation and evaluation of film coated tablet 100mg (Diclofenac potassium). |
| 33. | Mohammed Azaruddin | 1705650039 | Malpractices in Regulatory Submissions. |
| 34. | Mohd Ameen | 1705650041 | Foam-based aerosol preparation. |
| 35. | Mohd Dawood | 1705650042 | Role of Post Approval Clinical Trials for Drug safety. |
| 36. | Mridul Kumar Yadav | 1705650043 | Formulation and evaluation of Toothpaste (containing fluoride). |
| 37. | Mukesh Kumar Chaudhary | 1705650044 | Electronic common technical documents and Electronic Regulatory Submissions. |
| 38. | Naureen Khan | 1705650045 | Similarities and difference between US DMF, Canadian DMF and eDMF. |
| 39. | Naushad Mansoor | 1705650046 | Formulation and evaluation of cold cream. |
| 40. | Noor Ali | 1705650048 | Formulation and evaluation of a conventional Metronidazole tablet (500mg). |
| 41. | Patwa Pooja Bansidhar | 1705650049 | Approval process for abbreviated new drug application. |
| 42. | Pooja Singh | 1705650050 | Formulation and evaluation of reconstitutable oral suspension. |
| 43. | Pradumma Mishra | 1705650051 | Selection of packaging and quality control tests for Sterile Water for Injection. |
| 44. | Preeti Yadav | 1705650052 | Formulation and evaluation of film coated tablet 320mg (Valsartan). |
| 45. | Purna Kewlani | 1705650053 | Improvement of stability profile of oxidizable drug. |
| 46. | Priyansh Chokhani | 1705650054 | Formulation and evaluation of Paracetamol tablets. |
| 47. | Rajdeep Gupta | 1705650056 | Comparative study of New Drug Application Procedure in US, EU and India. |
| 48. | Ramit Yadav | 1705650057 | Comparative study of IND application procedure in US, EU and India. |
| 49. | Rishabh Dubey | 1705650059 | Formulation and evaluation of a conventional Clinidipine tablet (10mg). |
| 50. | Rohit Vishwakarma | 1705650060 | Marketing Authorization of New Drug substance in USA. |
| 51. | Rohit Yadav | 1705650061 | Formulation and evaluation of Antacid Gel. |
| 52. | Rupali | 1705650062 | Marketing Authorization of New Drug substance in Europe. |
| 53. | Saawan Kumar Verma | 1705650063 | Comparison of Various Regulatory Guidelines for Product Development. |
| 54. | Samra Fatima | 1705650064 | Formulation and evaluation of Cough syrup (Dry cough). |
| 55. | Satish Kumar | 1705650065 | Critical and Comparative Analysis of Marketing Authorization Procedures in different Countries. |
| 56. | Satyam Jaiswal | 1705650066 | Preformulation studies to prepare a topical ointment. |
| 57. | Shahzad Ahmad | 1705650067 | Organization and structure of regulatory authority of India. |
| 58. | Shashi Kant Singh | 1705650068 | Regulatory strategy for filing NDA/ ANDA. |
| 59. | Shashi Kashyap | 1705650069 | Preformulation studies to prepare Azithromycin 250mg tablets. |
| 60. | Shivam Pandey | 1705650070 | Patent issues in ANDA Approval Process. |
| 61. | Sonaxi Agrahari | 1705650072 | Formulation and evaluation of a conventional Nimesulide tablet (100mg). |
| 62. | Sri Mohan Pandey | 1705650074 | Current Regulations and guidelines for biomedical research involving human participants. |
| 63. | Sumit Kumar | 1705650075 | Formulation and evaluation of Cough syrup. |
| 64. | Sumit Kumar Pathak | 1705650076 | Management and monitoring of clinical trials. |

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| 65. Suraj Prakash Gupta | 1705650077 | Formulation and evaluation of paediatric paracetamol suspension 120mg/5ml. |
| 66. Suraj Yadav | 1705650078 | Obligations of Sponsor in a clinical Trial. |
| 67. Sushma | 1705650079 | Formulation and evaluation of a sugar-coated tablet Ibuprofen (200mg). |
| 68. Sushma Patel | 1705650080 | Stability studies performed for a sterile eye ointment of Chloramphenicol. |
| 69. Vaishali Singh | 1705650082 | Ethical review procedure for clinical trials in India. |
| 70. Vikas Kumar Yadav | 1705650083 | Formulation and evaluation of soft gelatin capsules. |
| 71. Vikas Singh | 1705650084 | Pharmacovigilance program of India. |
| 72. Vinay Yadav | 1705650085 | Safety monitoring in clinical trials. |
| 73. Vivek Kumar | 1705650088 | Procedure for export of pharmaceutical products in overseas market. |
| 74. Wasi Ahmad | 1705650089 | Formulation and evaluation of a conventional Aspirin tablet (50mg). |
| 75. Ziya Urrahman Khan | 1705650090 | Modules of Common technical document dossier. |
| 76. Adarsh Kumar | 1805650901 | GCP Obligations of Investigator in a clinical Trial. |
| 77. Vivek Chaudhary | 1805650902 | Formulation and evaluation of tablet (Paracetamol 650mg). |

* Competition organized on occasion of 'World Pharmacist Day-25th September 2021'on following topics:

1. Poster/Flyer making competition-Role of Pharmacist in healthcare sector.
2. Pharma Model making competition.
3. Poster/Flyer making competition Herbal formulations/dietary supplements/ Nutraceuticals available in the market.
4. Preparing Label as per D and C Act for schedule H/G/X drug (any one).

2.2.4 Initiatives related to Industry and/or Hospital interaction (20)

Memorandum of Understanding (MoUs Signed):

| Name of Industry/ Hospital | Purpose | Year of signing MoU |
|--|-----------------------------|------------------------|
| MOU with M/S Vaastu Vihar Biotech Pvt. Ltd., Gaya for research and development. | Collaborative Research work | 1/9/2021 to till date |
| MOU with M/S IDMA Laboratories Limited, Panchkula for research and development. | Collaborative Research work | 21/1/2020 to till date |
| MOU with M/S Interstellar Testing Centre Pvt. Ltd., Baddi for research and development. | Collaborative Research work | 6/9/2016 to till date |
| MOU with M/S Lavanya Ayurveda Hospital & Research Centre, Lucknow for research and development. | Collaborative Research work | 28/1/2014 to till date |
| MOU provided to M/S Sanjivas Herbals, Lucknow for development and trouble-shooting of herbal formulations. | Collaborative Research work | 5/9/2006 to till date |
| Consultancy provided to M/S Pranisco Remedies, Lucknow for formulation development and scale-up process. | Collaborative Research work | 1/5/2006 to till date |

As part of the cocurricular activities, regular industry/ hospital/ pathology labs are arranged at various semesters of B.Pharm program.

Impact Analysis: The students were benefitted as they get to know the working atmosphere and the various sections by visiting industry/ hospital set up. Experts from these areas deliver informative understand real-time appreciation and value addition.

CAY (2022-23)

Students of Third year B. Pharm are assigned Hospital Pharmacy Training-I in V Sem and Hospital Pharmacy Training-II in VII Sem as per the syllabus of PCI. The details of Hospital Pharmacy Training-I & II :

Details of Hospital Pharmacy Training-I (BP 509P):

Training could not be conducted due to shortage of time (as per AKTU calendar), although students submitted assignment on hospital training-I.

Details of Hospital Pharmacy Training-II (BP 707P):

| S. No. | Name of Student | Uni. Roll No. | Name of Hospital | Duration of training (45 days) |
|--------|-----------------------|---------------|--|-----------------------------------|
| 1 | Abhay Kumar | 1900560500001 | District Hospital, Barabanki | 01/07/22- 26/08/22 |
| 2 | Abhishek Kumar Maurya | 1900560500002 | District women hospital, Ayodhya | 25/06/22- 28/09/22 |
| 3 | Abhishek Kumar Singh | 1900560500003 | District Hospital, Maharajganj | 01/07/22-15/08/22 |
| 4 | Abhishek Tiwari | 1900560500004 | CHC, Bhatni, Deoria | 20/07/22-06/09/22 |
| 5 | Abid Ali | 1900560500005 | District Hospital, Jhansi | 11/07/22- 30/08/22 |
| 6 | Aditya Nath Prajapati | 1900560500007 | District Hospital, Barabanki | 01/07/22- 24/08/22 |
| 7 | Ahmad Raza | 1900560500008 | CHC, Jagdishpur, Amethi | 27/06/22- 17/08/22 |
| 8 | Ajay Kumar Kushwaha | 1900560500009 | Combined District Hospital, Kushinagar | 01/07/22- 20/08/22 |
| 9 | Akash Tiwari | 1900560500010 | Shri Ram hospital, Ayodhya | 01/07/22-16/08/22 |
| 10 | Alok Singh Chauhan | 1900560500011 | Pt. Kamalapati Tripathi joint district hospital, Chandauli | 27/06/22- 18/08/22 |
| 11 | Aman Pal | 1900560500012 | Dr. S.P.M. Civil hospital, Lucknow | 05/08/22- 20/09/22 |
| 12 | Amit Kumar | 1900560500013 | BRD Medical College, Gorakhpur | 01/07/22- 15/08/22 |
| 13 | Amit Kumar Paswan | 1900560500014 | Dr. S.P.M. Civil hospital, Lucknow | 27/06/22-19/08/22 |
| 14 | Ananya Singh | 1900560500016 | LBRN Combined hospital, LDA colony, Lucknow | 01/07/22- 26/08/22 |
| 15 | Animesh Narayan Yadav | 1900560500017 | Dr. S.P.M. Civil hospital, Lucknow | 05/08/22- 20/09/22 |
| 16 | Anshu Shukla | 1900560500018 | District women hospital, Gonda | 27/06/22- 18/08/22 |
| 17 | Anupama Kumari | 1900560500019 | District Hospital, Barabanki | 01/07/22- 23/08/22 |
| 18 | Anurag Kumar Mishra | 1900560500020 | District Hospital, Barabanki | 01/07/22- 20/08/22 |

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| 19 | Ashay Agarwal | 1900560500021District Hospital, Maharajganj | 01/07/22- 15/08/22 |
| 20 | Ashish Gupta | 1900560500022Lal bahadur shastri hospital, Varanasi | 27/06/22- 16/08/22 |
| 21 | Ashish Kumar Mishra | 1900560500023District Hospital, Maharajganj | 14/07/22- 30 /08/22 |
| 22 | Ashish Maurya | 1900560500025BRD Medical College, Gorakhpur | 06/07/22-25/08/22 |
| 23 | Asif Khan | 1900560500026Samudayik Swasthya Kendra, Jagdishpur | 27/06/22- 17/08/22 |
| 24 | Atul Verma | 1900560500027Mahatama Gandhi MCH wing, Chinhut, Lucknow | 02/07/22- 16/08/22 |
| 25 | Avaneesh Singh | 1900560500028District Hospital, Pratapgarh | 01/07/22- 29/08/22 |
| 26 | Brahmanand Kushwaha | 1900560500029CHC Laharpur, Sitapur | 06/07/22 – 25/08/22 |
| 27 | Dhananjay Singh Kushwaha | 1900560500030District Hospital, Ghazipur | 06/07/22- 27/08/22 |
| 28 | Dinesh Kumar Gupta | 1900560500032District Hospital, Basti | 01/07/22- 23/08/22 |
| 29 | Dinesh Singh Chauhan | 1900560500033Dr. SPM Civil Hospital, Lucknow | 05/08/22- 20/09/22 |
| 30 | Dipika Gautam | 1900560500034District Hospital, Barabanki | 01/07/22- 26/08/22 |
| 31 | Divya Singh | 1900560500035Dr. SPM Civil Hospital, Lucknow | 05/08/22- 20/09/22 |
| 32 | Durgesh Kumar Singh | 1900560500036District Hospital, Barabanki | 01/07/22- 23/08/22 |
| 33 | Gautam Kumar | 1900560500038CHC, Mehmoodabad, Sitapur | 19/07/22- 02/09/22 |
| 34 | Gautam Kumar Pandey | 1900560500039Rafi Ahmad Kidwai memorial district hospital, Barabanki | 01/07/22- 23/08/22 |
| 35 | Hariom Sharma | 1900560500040Lal bahadur shastri hospital, Varanasi | 29/06/22- 16/08/22 |
| 36 | Iqra Khan | 1900560500042Dr. SPM Civil Hospital, Lucknow | 04/07/22- 19/08/22 |
| 37 | Ishika Nigam | 1900560500043Shyama Prasad Mukhrjee Civil Hospital, Lucknow | 05/08/22-20/09/22 |
| 38 | Km Anita Patel | 1900560500044LBRN Combined hospital, LDA colony, Lucknow | 01/07/22- 24/08/22 |
| 39 | Km Priyanka | 1900560500045District Hospital, Ghazipur | 04/07/22- 24/08/22 |
| 40 | Lavkush Kumar | 1900560500047District Hospital, Barabanki | 01/07/22- 31/08/22 |
| 41 | Manoj Yadav | 1900560500048CHC, Siddharthnagar | 22/07/22- 09/09/22 |
| 42 | Moh Arsh | 1900560500049District Combined hospital, Bareilly | 19/06/22-30/08/22 |
| 43 | Mohammad Ahmad | 1900560500050Shri Ram hospital, Ayodhya | 01/07/22- 16/08/22 |
| 44 | Mohd Asad | 1900560500051Shri Ram hospital, Ayodhya | 01/07/22- 22/08/22 |
| 45 | Mohd Safdar Jamal | 1900560500052Combined district hospital, Kushinagar | 01/07/22- 16/08/22 |
| 46 | Mohsin Beg | 1900560500053District hospital, Bareilly | 19/06/22-30/08/22 |
| 47 | Mritunjay Kumar Gupta | 1900560500054District Hospital, Maharajganj | 15/07/22- 30 /08/22 |
| 48 | Muskan Singh | 1900560500055BRD Medical College, Gorakhpur | 20/07/22-03/09/22 |
| 49 | Naveen Narayan Dev Pandey | 1900560500056District Hospital, Mirzapur | 07/07/22- 26/08/22 |
| 50 | Neha Devi | 1900560500057Lal bahadur shastri hospital, Varanasi | 28/06/22- 22/08/22 |
| 51 | Nipunika Bhatnagar | 1900560500058BRD Medical College, Gorakhpur | 20/07/22-03/09/22 |
| 52 | Nitesh Mishra | 1900560500059V.A.B.M. Hospital, Lucknow | 14/07/22- 03/09/22 |
| 53 | Pallavi Kasaudhan | 1900560500060PHC, Siddharthnagar | 05/07/22- 20/08/22 |
| 54 | Pankaj Dubey | 1900560500061BRD Medical College, Gorakhpur | 20/07/22-03/09/22 |
| 55 | Pankaj Yadav | 1900560500062Pandit Deen Dayal Upadhyay Government Hospital, Varanasi | 22/06/22- 06/08/22 |
| 56 | Peeyush Verma | 1900560500063CHC Laharpur, Sitapur | 06/07/22 – 19/08/22 |
| 57 | Pradeep Kumar Singh | 1900560500065District Hospital, Barabanki | 01/07/22- 24/08/22 |
| 58 | Prafful Srivastava | 1900560500066Dr. Ram Manohar Lohia Hospital, Lucknow | 28/06/22- 13/08/22 |
| 59 | Praveen Kumar Yadav | 1900560500067PHC, Barahani, Chandauli | 21/06/22- 23/08/22 |
| 60 | Rahul Tiwari | 1900560500069CHC Tamkuhi, Kushinagar | 07/07/22-25/08/22 |
| 61 | Ram Ji Mishra | 1900560500070Babu Ishwar Sharan Singh Hospital, Gonda | 01/07/22 -22/08/22 |

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| 62 | Sagar Kumar Chaurasia | 1900560500072Lal Bahadur Shastri Hospital, Varanasi | 29/06/22- 16/08/22 |
| 63 | Sakshi Gupta | 1900560500073LB RN Combined Hospital, LDA colony, Lucknow | 05/07/22 -19/08/22 |
| 64 | Samarth Jaiswal | 1900560500074Shri Ram hospital, Ayodhya | 01/07/22 -17/08/22 |
| 65 | Sanjiv Chaudhari | 1900560500075CHC, Khadda, Kushinagar | 12/07/22 -25/08/22 |
| 66 | Santosh Kumar | 1900560500076CHC, Khesraha, Siddharth Nagar | 24/06/22 – 17/08/22 |
| 67 | Santosh Verma | 1900560500077PHC, Chiragaon, Varanasi | 21/06/22 – 17/08/22 |
| 68 | Satyansh Rai | 1900560500078Shri Ram hospital, Ayodhya | 01/07/22- 20/08/22 |
| 69 | Satyendra Mishra | 1900560500079CHC Laharpur, Sitapur | 01/07/22 – 19/08/22 |
| 70 | Saurabh Chaudhary | 1900560500080District Hospital, Barabanki | 01/07/22- 24/08/22 |
| 71 | Seema Adhikari | 1900560500081Combined District Hospital, Shrawasti | 16/07/22- 05/09/22 |
| 72 | Shakshi Kant | 1900560500082Dr. SPM Civil Hospital, Lucknow | 07/07/22- 21/08/22 |
| 73 | Sharad Pandey | 1900560500083District Hospital, Basti | 28/06/22 – 24/08/22 |
| 74 | Shivam Singh | 1900560500085CHC Mehnagar, Azamgarh | 04/06/22 – 18/08/22 |
| 75 | Shobhit Kumar | 1900560500086CHC, Gorakhpur | 08/07/22- 23/08/22 |
| 76 | Shravan Kumar | 1900560500087Combined District Hospital, Ambedkar Nagar | 29/06/22 – 27/08/22 |
| 77 | Shreya | 1900560500088Dr. Shyama Prasad Mukherjee Civil Hospital, Lucknow | 05/07/22 – 29/08/22 |
| 78 | Shubham Kumar Maurya | 1900560500089Malkhan Singh Zila Chikitsalaya, Aligarh | 01/07/22 -18/08/22 |
| 79 | Shubham Singh | 1900560500090Mahatma Gandhi 50 MCH, Chinhut, Lucknow | 02/07/22 -16/08/22 |
| 80 | Sudiksha Bharti | 1900560500091Baba Raghav das medical college, Gorakhpur | 01/07/22 -15/08/22 |
| 81 | Sumit Kumar Gautam | 1900560500092Mahatama Jyotiba Phule Combined District Hospital, Ambedkar Nagar | 29/06/22 – 02/09/22 |
| 82 | Suyash Pandey | 1900560500093CHC, Bachrawan, Raebareli | 06/07/22 -26/08/22 |
| 83 | Tanuj Kumar Singh | 1900560500094Rati Ahmad Kidwai Memorial District Hospital, Barabanki | 01/07/22 -24/08/22 |
| 84 | Taroon Aditya | 1900560500095Dr. SPM Civil Hospital, Lucknow | 07/07/22- 21/08/22 |
| 85 | Vaishali Kaushal | 1900560500096District Hospital, Ayodhya | 01/07/22 – 22/08/22 |
| 86 | Vaishnavi Singh | 1900560500097Ram Sagar Mishra 100 bed Combined Hospital, Lucknow | 01/07/22 – 23/08/22 |
| 87 | Vinay Kumar | 1900560500098CHC, Mehmoodabad, Sitapur | 08/07/22 – 10/09/22 |
| 88 | Vivek Singh | 1900560500099Dr. Shyama Prasad Mukherjee Civil Hospital, Lucknow | 28/06/22 – 10/08/22 |
| 89 | Rashmi (Lateral Entry) | 2000560509002CHC, Bachrawan, Raebareli | 01/07/22 -22/08/22 |
| 90 | Vishnu Dayal Singh (Lateral Entry) | 2000560509003District Hospital, Basti | 01/07/22 – 23/08/22 |
| 91 | Vivek Tiwari (Lateral Entry) | 2000560509004State Medical College, Ayodhya | 28/06/22 – 28/08/22 |

As part of the cocurricular activities, regular industry/ hospital/ pathology labs are arranged at various semesters of B.Pharm program.

Impact Analysis: The students were benefitted as they get to know the working atmosphere and the various sections by visiting industry/ hospital set up. Experts from these areas deliver informative lectures. These help the students to understand real-time appreciation and value addition.

Report on Industrial Tour (BP 816P) for B. Pharm. Final Year (VIII Sem) : No tour could be organised due to shortage of time as per AKTU academic calendar 2022-23.

Report on Industrial Training (BP 610P) for B. Pharm. Third Year (VI Sem) : No training due to shortage of time as per AKTU academic calendar 2022-23.

Report on Industrial Tour (BP 816P) for B. Pharm. Final Year (VIII Sem) : No tour could be organised due to shortage of time as per AKTU academic calendar 2022-23.

Report on Industrial Training (BP 610P) for B. Pharm. Third Year (VI Sem) : No training due to shortage of time as per AKTU academic calendar 2022-23.

CAY m1(2021-22)

Details of Hospital Pharmacy Training-I (BP 509P):

Training could not be conducted due to COVID-19 Pandemic, although students submitted assignment on hospital training-I.

Details of Hospital Pharmacy Training-II (BP 707P):

Training could not be conducted due to COVID-19 Pandemic, although students submitted assignment on hospital training-II.

Report on Industrial Tour (BP 816P) for B. Pharm. Final Year (VIII Sem): Industrial Tour could not be conducted due to COVID-19 Pandemic, although students submitted ass

Report on Industrial Training (BP 610P) for B. Pharm. Third Year (VI Sem):

Training could not be conducted due to COVID-19 Pandemic, although students submitted assignment on industrial training.

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

CAY (2022-23)

Students of Third year B. Pharm are assigned Hospital Pharmacy Training-I in V Sem and Hospital Pharmacy Training-II in VII Sem as per the syllabus of PCI. The details of Hospital Pharmacy Training-I & II :

Details of Hospital Pharmacy Training-I (BP 509P):

Training could not be conducted due to shortage of time (as per AKTU calendar), although students submitted assignment on hospital training-I.

Details of Hospital Pharmacy Training-II (BP 707P):

| S. No. | Name of Student | Uni. Roll No. | Name of Hospital | Duration of training (45 days) |
|--------|--------------------------|---------------|--|-----------------------------------|
| 1 | Abhay Kumar | 1900560500001 | District Hospital, Barabanki | 01/07/22- 26/08/22 |
| 2 | Abhishek Kumar Maurya | 1900560500002 | District women hospital, Ayodhya | 25/06/22- 28/09/22 |
| 3 | Abhishek Kumar Singh | 1900560500003 | District Hospital, Maharajganj | 01/07/22-15/08/22 |
| 4 | Abhishek Tiwari | 1900560500004 | CHC, Bhatni, Deoria | 20/07/22-06/09/22 |
| 5 | Abid Ali | 1900560500005 | District Hospital, Jhansi | 11/07/22- 30/08/22 |
| 6 | Aditya Nath Prajapati | 1900560500007 | District Hospital, Barabanki | 01/07/22- 24/08/22 |
| 7 | Ahmad Raza | 1900560500008 | CHC, Jagdishpur, Amethi | 27/06/22- 17/08/22 |
| 8 | Ajay Kumar Kushwaha | 1900560500009 | Combined District Hospital, Kushinagar | 01/07/22- 20/08/22 |
| 9 | Akash Tiwari | 1900560500010 | Shri Ram hospital, Ayodhya | 01/07/22-16/08/22 |
| 10 | Alok Singh Chauhan | 1900560500011 | Pt. Kamalapati Tripathi joint district hospital, Chandauli | 27/06/22- 18/08/22 |
| 11 | Aman Pal | 1900560500012 | Dr. S.P.M. Civil hospital, Lucknow | 05/08/22- 20/09/22 |
| 12 | Amit Kumar | 1900560500013 | BRD Medical College, Gorakhpur | 01/07/22- 15/08/22 |
| 13 | Amit Kumar Paswan | 1900560500014 | Dr. S.P.M. Civil hospital, Lucknow | 27/06/22-19/08/22 |
| 14 | Ananya Singh | 1900560500016 | LBRN Combined hospital, LDA colony, Lucknow | 01/07/22- 26/08/22 |
| 15 | Animesh Narayan Yadav | 1900560500017 | Dr. S.P.M. Civil hospital, Lucknow | 05/08/22- 20/09/22 |
| 16 | Anshu Shukla | 1900560500018 | District women hospital, Gonda | 27/06/22- 18/08/22 |
| 17 | Anupama Kumari | 1900560500019 | District Hospital, Barabanki | 01/07/22- 23/08/22 |
| 18 | Anurag Kumar Mishra | 1900560500020 | District Hospital, Barabanki | 01/07/22- 20/08/22 |
| 19 | Ashay Agarwal | 1900560500021 | District Hospital, Maharajganj | 01/07/22- 15/08/22 |
| 20 | Ashish Gupta | 1900560500022 | Lal bahadur shastri hospital, Varanasi | 27/06/22- 16/08/22 |
| 21 | Ashish Kumar Mishra | 1900560500023 | District Hospital, Maharajganj | 14/07/22- 30 /08/22 |
| 22 | Ashish Maurya | 1900560500025 | BRD Medical College, Gorakhpur | 06/07/22-25/08/22 |
| 23 | Asif Khan | 1900560500026 | Samudayik Swasthya Kendra, Jagdishpur | 27/06/22- 17/08/22 |
| 24 | Atul Verma | 1900560500027 | Mahatma Gandhi MCH wing, Chinhut, Lucknow | 02/07/22- 16/08/22 |
| 25 | Avaneesh Singh | 1900560500028 | District Hospital, Pratapgarh | 01/07/22- 29/08/22 |
| 26 | Brahmanand Kushwaha | 1900560500029 | CHC Laharpur, Sitapur | 06/07/22 – 25/08/22 |
| 27 | Dhananjay Singh Kushwaha | 1900560500030 | District Hospital, Ghazipur | 06/07/22- 27/08/22 |
| 28 | Dinesh Kumar Gupta | 1900560500032 | District Hospital, Basti | 01/07/22- 23/08/22 |
| 29 | Dinesh Singh Chauhan | 1900560500033 | Dr. SPM Civil Hospital, Lucknow | 05/08/22- 20/09/22 |
| 30 | Dipika Gautam | 1900560500034 | District Hospital, Barabanki | 01/07/22- 26/08/22 |
| 31 | Divya Singh | 1900560500035 | Dr. SPM Civil Hospital, Lucknow | 05/08/22- 20/09/22 |
| 32 | Durgesh Kumar Singh | 1900560500036 | District Hospital, Barabanki | 01/07/22- 23/08/22 |
| 33 | Gautam Kumar | 1900560500038 | CHC, Mehmoodabad, Sitapur | 19/07/22- 02/09/22 |
| 34 | Gautam Kumar Pandey | 1900560500039 | Rafi Ahmad Kidwai memorial district hospital, Barabanki | 01/07/22- 23/08/22 |
| 35 | Hariom Sharma | 1900560500040 | Lal bahadur shastri hospital, Varanasi | 29/06/22- 16/08/22 |
| 36 | Iqra Khan | 1900560500042 | Dr. SPM Civil Hospital, Lucknow | 04/07/22- 19/08/22 |

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| 37 | Ishika Nigam | 1900560500043Shyama Prasad Mukhrjee Civil Hospital, Lucknow | 05/08/22-20/09/22 |
| 38 | Km Anita Patel | 1900560500044LBRN Combined hospital, LDA colony, Lucknow | 01/07/22- 24/08/22 |
| 39 | Km Priyanka | 1900560500045District Hospital, Ghazipur | 04/07/22- 24/08/22 |
| 40 | Lavkush Kumar | 1900560500047District Hospital, Barabanki | 01/07/22- 31/08/22 |
| 41 | Manoj Yadav | 1900560500048CHC, Siddharthnagar | 22/07/22- 09/09/22 |
| 42 | Moh Arsh | 1900560500049District Combined hospital, Bareilly | 19/06/22-30/08/22 |
| 43 | Mohammad Ahmad | 1900560500050Shri Ram hospital, Ayodhya | 01/07/22- 16/08/22 |
| 44 | Mohd Asad | 1900560500051Shri Ram hospital, Ayodhya | 01/07/22- 22/08/22 |
| 45 | Mohd Safdar Jamal | 1900560500052Combined district hospital, Kushinagar | 01/07/22- 16/08/22 |
| 46 | Mohsin Beg | 1900560500053District hospital, Bareilly | 19/06/22-30/08/22 |
| 47 | Mritunjay Kumar Gupta | 1900560500054District Hospital, Maharajganj | 15/07/22- 30 /08/22 |
| 48 | Muskan Singh | 1900560500055BRD Medical College, Gorakhpur | 20/07/22-03/09/22 |
| 49 | Naveen Narayan Dev Pandey | 1900560500056District Hospital, Mirzapur | 07/07/22- 26/08/22 |
| 50 | Neha Devi | 1900560500057Lal bahadur shastri hospital, Varanasi | 28/06/22- 22/08/22 |
| 51 | Nipunika Bhatnagar | 1900560500058BRD Medical College, Gorakhpur | 20/07/22-03/09/22 |
| 52 | Nitesh Mishra | 1900560500059V.A.B.M. Hospital, Lucknow | 14/07/22- 03/09/22 |
| 53 | Pallavi Kasaudhan | 1900560500060PHC, Siddharthnagar | 05/07/22- 20/08/22 |
| 54 | Pankaj Dubey | 1900560500061BRD Medical College, Gorakhpur | 20/07/22-03/09/22 |
| 55 | Pankaj Yadav | 1900560500062Pandit Deen Dayal Upadhyay Government Hospital, Varanasi | 22/06/22- 06/08/22 |
| 56 | Peeyush Verma | 1900560500063CHC Laharpur, Sitapur | 06/07/22 – 19/08/22 |
| 57 | Pradeep Kumar Singh | 1900560500065District Hospital, Barabanki | 01/07/22- 24/08/22 |
| 58 | Prafful Srivastava | 1900560500066Dr. Ram Manohar Lohia Hospital, Lucknow | 28/06/22- 13/08/22 |
| 59 | Praveen Kumar Yadav | 1900560500067PHC, Barahani, Chandauli | 21/06/22- 23/08/22 |
| 60 | Rahul Tiwari | 1900560500069CHC Tamkuhi, Kushinagar | 07/07/22-25/08/22 |
| 61 | Ram Ji Mishra | 1900560500070Babu Ishwar Sharan Singh Hospital, Gonda | 01/07/22 -22/08/22 |
| 62 | Sagar Kumar Chaurasia | 1900560500072Lal Bahadur Shastri Hospital, Varanasi | 29/06/22- 16/08/22 |
| 63 | Sakshi Gupta | 1900560500073LBRN Combined Hospital, LDA colony, Lucknow | 05/07/22 -19/08/22 |
| 64 | Samarth Jaiswal | 1900560500074Shri Ram hospital, Ayodhya | 01/07/22 -17/08/22 |
| 65 | Sanjiv Chaudhari | 1900560500075CHC, Khadda, Kushinagar | 12/07/22 -25/08/22 |
| 66 | Santosh Kumar | 1900560500076CHC, Khesraha, Siddharth Nagar | 24/06/22 – 17/08/22 |
| 67 | Santosh Verma | 1900560500077PHC, Chirgaon, Varanasi | 21/06/22 – 17/08/22 |
| 68 | Satyansh Rai | 1900560500078Shri Ram hospital, Ayodhya | 01/07/22- 20/08/22 |
| 69 | Satyendra Mishra | 1900560500079CHC Laharpur, Sitapur | 01/07/22 – 19/08/22 |
| 70 | Saurabh Chaudhary | 1900560500080District Hospital, Barabanki | 01/07/22- 24/08/22 |
| 71 | Seema Adhikari | 1900560500081Combined District Hospital, Shrawasti | 16/07/22- 05/09/22 |
| 72 | Shakshi Kant | 1900560500082Dr. SPM Civil Hospital, Lucknow | 07/07/22- 21/08/22 |
| 73 | Sharad Pandey | 1900560500083District Hospital, Basti | 28/06/22 – 24/08/22 |
| 74 | Shivam Singh | 1900560500085CHC Mehnagar, Azamgarh | 04/06/22 – 18/08/22 |
| 75 | Shobhit Kumar | 1900560500086CHC, Gorakhpur | 08/07/22- 23/08/22 |
| 76 | Shravan Kumar | 1900560500087Combined District Hospital, Ambedkar Nagar | 29/06/22 – 27/08/22 |
| 77 | Shreya | 1900560500088Dr. Shyama Prasad Mukherjee Civil Hospital, Lucknow | 05/07/22 – 29/08/22 |
| 78 | Shubham Kumar Maurya | 1900560500089Malkhan Singh Zila Chikitsalaya, Aligarh | 01/07/22 -18/08/22 |
| 79 | Shubham Singh | 1900560500090Mahatma Gandhi 50 MCH, Chinhut, Lucknow | 02/07/22 -16/08/22 |

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| 80 | Sudiksha Bharti | 1900560500091Baba Raghav das medical college, Gorakhpur | 01/07/22 -15/08/22 |
| 81 | Sumit Kumar Gautam | 1900560500092Mahatama Jyotiba Phule Combined District Hospital, Ambedkar Nagar | 29/06/22 – 02/09/22 |
| 82 | Suyash Pandey | 1900560500093CHC, Bachrawan, Raebareli | 06/07/22 -26/08/22 |
| 83 | Tanuj Kumar Singh | 1900560500094Rati Ahmad Kidwai Memorial District Hospital, Barabanki | 01/07/22 -24/08/22 |
| 84 | Taroon Aditya | 1900560500095Dr. SPM Civil Hospital, Lucknow | 07/07/22- 21/08/22 |
| 85 | Vaishali Kaushal | 1900560500096District Hospital, Ayodhya | 01/07/22 – 22/08/22 |
| 86 | Vaishnavi Singh | 1900560500097Ram Sagar Mishra 100 bed Combined Hospital, Lucknow | 01/07/22 – 23/08/22 |
| 87 | Vinay Kumar | 1900560500098CHC, Mehmoodabad, Sitapur | 08/07/22 – 10/09/22 |
| 88 | Vivek Singh | 1900560500099Dr. Shyama Prasad Mukherjee Civil Hospital, Lucknow | 28/06/22 – 10/08/22 |
| 89 | Rashmi (Lateral Entry) | 2000560509002CHC, Bachrawan, Raebareli | 01/07/22 -22/08/22 |
| 90 | Vishnu Dayal Singh (Lateral Entry) | 2000560509003District Hospital, Basti | 01/07/22 – 23/08/22 |
| 91 | Vivek Tiwari (Lateral Entry) | 2000560509004State Medical College, Ayodhya | 28/06/22 – 28/08/22 |

Report on Industrial Tour (BP 816P) for B. Pharm. Final Year (VIII Sem) : No tour could be organised due to shortage of time as per AKTU academic calendar 2022-23.

Report on Industrial Training (BP 610P) for B. Pharm. Third Year (VI Sem) : No training due to shortage of time as per AKTU academic calendar 2022-23.

Report on Industrial Tour (BP 816P) for B. Pharm. Final Year (VIII Sem) : No tour could be organised due to shortage of time as per AKTU academic calendar 2022-23.

Report on Industrial Training (BP 610P) for B. Pharm. Third Year (VI Sem) : No training due to shortage of time as per AKTU academic calendar 2022-23.

CAY m1(2021-22)

Details of Hospital Pharmacy Training-I (BP 509P):

Training could not be conducted due to COVID-19 Pandemic, although students submitted assignment on hospital training-I.

Details of Hospital Pharmacy Training-II (BP 707P):

Training could not be conducted due to COVID-19 Pandemic, although students submitted assignment on hospital training-II.

Report on Industrial Tour (BP 816P) for B. Pharm. Final Year (VIII Sem): Industrial Tour could not be conducted due to COVID-19 Pandemic, although students submitted assignment

Report on Industrial Training (BP 610P) for B. Pharm. Third Year (VI Sem):

Training could not be conducted due to COVID-19 Pandemic, although students submitted assignment on industrial training

CAY m2(2020-21)

Details of Hospital Pharmacy Training (B. Pharm. V Sem) : No Hospital Training in syllabus.

Details of Industrial Training (B. Pharm. VI Sem): No industrial Training in syllabus.

Details of Hospital Pharmacy Training (B. Pharm. VII Sem): Training could not be conducted due to COVID-19 Pandemic, although students submitted assignment on hospital

List of Practice school projects (B. Pharm. VII Sem):

| S. No. | Name of Student | Roll No. | Supervisor | Topic |
|--------|------------------------|------------|-----------------|---|
| 1 | Rumman Khan | 1605650063 | Ms. Neelam Datt | Formulation and comparison of invitro drug release of preparedocular gel and ointment |
| 2 | Abdullah Ahmad | 1705650001 | Ms. Neelam Datt | Formulation and evaluation of mucoadhesive buccal gel. |
| 3 | Abhishek Chaudhary | 1705650002 | Ms. Neelam Datt | Formulation and comparison of <i>in-vitro</i> drug release of preparedocular gel and ointment |
| 4 | Adarsh Mishra | 1705650003 | Ms. Neelam Datt | Formulation and characterization of silver nanoparticles by microwave irradiation methods |
| 5 | Afiya Furquan | 1705650004 | Ms. Neelam Datt | Development and characterization of in situ gel. |
| 6 | Aiman Fatima | 1705650005 | Ms. Neelam Datt | To study the effect of disintegrants on the <i>invitro</i> drug release study |
| 7 | Aman Kumar | 1705650007 | Ms. Neelam Datt | Development and evaluations of tablet by wet granulation method |
| 8 | Amit Kumar Vishwakarma | 1705650009 | Ms. Neelam Datt | To study the effect of crosslinking agents on microbeads. |

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| 9 | Anchal Yadav | 1705650010 | Ms. Neelam Datt | To study the effect of particle size on solubility of drug by different solid dispersion method. |
| 10 | Anil Yadav | 1705650011 | Ms. Neelam Datt | Formulation and characterization of silver nanoparticles by microwave irradiation methods |
| 11 | Anjali Gupta | 1705650012 | Ms. Neelam Datt | To study the effect of suspending agents on sedimentation rate. |
| 12 | Ankur Mishra | 1705650014 | Ms. Neelam Datt | Formulation and optimization of antiacne gel. |
| 13 | Anmol Jaiswal | 1705650015 | Ms. Neelam Datt | Formulation and optimization of antiacne gel. |
| 14 | Anup Kumar Singh | 1705650016 | Ms. Neelam Datt | Formulation and evaluation of transdermal patch. |
| 15 | Aryan Rai | 1705650017 | Ms. Neelam Datt | Formulation and evaluation of dental film. |
| 16 | Asheesh Kumar Maurya | 1705650018 | Ms. Neelam Datt | Development and evaluations of tablet by wet granulation method. |
| 17 | Ashutosh Yadav | 1705650019 | Ms. Neelam Datt | Formulation and evaluation of controlled release tablets. |
| 18 | Atma Nishad | 1705650020 | Ms. Neelam Datt | Formulation and evaluation of controlled release tablets. |
| 19 | Awadh Bajpai | 1705650021 | Ms. Neelam Datt | Formulation and evaluation of transdermal patch. |
| 20 | Brahm Kumar Sharma | 1705650022 | Ms. Neelam Datt | Formulation and evaluation of solid dispersion containing topical gel. |
| 21 | Deepa Neopane | 1705650023 | Ms. Neelam Datt | Formulation and optimization of herbal extract containing of sunscreen. |
| 22 | Diksha Singh | 1705650024 | Ms. Neelam Datt | To study the comparative in vitro drug release study of prepared of eye ointment and gel. |
| 23 | Harshbardhan Shahi | 1705650026 | Ms. Neelam Datt | To study the effect of emulsifying agents on stability of emulsion |
| 24 | Khyaati Misra | 1705650029 | Ms. Neelam Datt | Formulation and evaluation of dental film. |
| 25 | Kishn Shukla | 1705650030 | Ms. Neelam Datt | To study the effect of emulsifying agents on stability of emulsion |
| 26 | Km Madhu Sharma | 1705650031 | Ms. Neelam Datt | To study the effect of emulsifying agents on stability of emulsion. |
| 27 | Km Vibha Patel | 1705650032 | Ms. Neelam Datt | Formulation and evaluation of microspheres. |
| 28 | Komal Gupta | 1705650033 | Ms. Neelam Datt | To study the effect of emulsifying agents on stability of emulsion. |
| 29 | Komal Tiwari | 1705650034 | Ms. Neelam Datt | Formulation and optimization of herbal extract containing of sunscreen. |
| 30 | Kritika Singh | 1705650036 | Ms. Neelam Datt | To study the effect of suspending agents on sedimentation rate. |
| 31 | Laxmi Kant | 1705650037 | Ms. Neelam Datt | Formulation and evaluation of suppositories. |
| 32 | Mo Irasd | 1705650038 | Ms. Neelam Datt | Formulation and evaluation of dental gel. |
| 33 | Mohammed Azaruddin | 1705650039 | Ms. Neelam Datt | Formulation and evaluation of vitamin c tablet using amla extract. |
| 34 | Mohd Ameen | 1705650041 | Ms. Neelam Datt | To study the effect of suspending agents on sedimentation rate. |
| 35 | Mohd Dawood | 1705650042 | Ms. Neelam Datt | Formulation and evaluation of effervescent granules containing tablet. |
| 36 | Mridul Kumar Yadav | 1705650043 | Ms. Neelam Datt | Formulation and evaluation of effervescent granules containing tablet. |
| 37 | Mukesh Kumar Chaudhary | 1705650044 | Ms. Neelam Datt | Formulation and evaluation of beads. |
| 38 | Naureen Khan | 1705650045 | Ms. Neelam Datt | To study the effect of particle size on sedimentation rate. |
| 39 | Naushad Mansoor | 1705650046 | Ms. Neelam Datt | Formulation and evaluation of dental gel. |

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| 40 | Noor Ali | 1705650048 | Ms. Neelam Datt | Formulation and evaluation of mucoadhesive buccal gel. |
| 41 | Patwa Pooja Bansidhar | 1705650049 | Ms. Neelam Datt | To study the effect of particle size on sedimentation rate. |
| 42 | Pooja Singh | 1705650050 | Ms. Neelam Datt | To validate the sterility of autoclave. |
| 43 | Pradumma Mishra | 1705650051 | Ms. Neelam Datt | To study the effect of suspending agents on sedimentation rate. |
| 44 | Preeti Yadav | 1705650052 | Ms. Neelam Datt | Formulation and evaluation of ocular gel. |
| 45 | Prerna Kewlani | 1705650053 | Ms. Neelam Datt | Formulation and evaluation of ocular gel. |
| 46 | Priyansh Chokhani | 1705650054 | Ms. Neelam Datt | Development and optimization of antioxidant cream containing different herbal extracts. |
| 47 | Rajdeep Gupta | 1705650056 | Ms. Neelam Datt | Formulation and evaluation of beads. |
| 48 | Ramit Yadav | 1705650057 | Ms. Neelam Datt | Study the applications of different pharmaceutical software. |
| 49 | Rishabh Dubey | 1705650059 | Ms. Neelam Datt | Formulation and <i>In vitro</i> evaluation of solid dispersion containing suspension. |
| 50 | Rohit Vishwakarma | 1705650060 | Ms. Neelam Datt | Preparation and evaluation of effervescent granules. |
| 51 | Rohit Yadav | 1705650061 | Ms. Neelam Datt | Preparation and evaluation of effervescent granules. |
| 52 | Rupali | 1705650062 | Ms. Neelam Datt | Formulation and evaluation of microspheres. |
| 53 | Saawan Kumar Verma | 1705650063 | Ms. Neelam Datt | To study the effect of binder on dissolution of drug. |
| 54 | Samra Fatima | 1705650064 | Ms. Neelam Datt | To study the effect of particle size on solubility of drug by different solid dispersion method. |
| 55 | Satish Kumar | 1705650065 | Ms. Neelam Datt | Study the applications of different pharmaceutical software. |
| 56 | Satyam Jaiswal | 1705650066 | Ms. Neelam Datt | To study the effect of binder on dissolution of drug. |
| 57 | Shahzad Ahmad | 1705650067 | Ms. Neelam Datt | Formulation and evaluation of emulsion. |
| 58 | Shashi Kant Singh | 1705650068 | Ms. Neelam Datt | Formulation and evaluation of emulsion. |
| 59 | Shashi Kashyap | 1705650069 | Ms. Neelam Datt | To study the comparative in vitro drug release study of prepared of eye ointment and gel. |
| 60 | Shivam Pandey | 1705650070 | Ms. Neelam Datt | Preparation and evaluation of effervescent granules. |
| 61 | Sonaxi Agrahari | 1705650072 | Ms. Neelam Datt | To validate the sterility of autoclave. |
| 62 | Sri Mohan Pandey | 1705650074 | Ms. Neelam Datt | Formulation and evaluation of vitamin c tablet using amla extract |
| 63 | Sumit Kumar | 1705650075 | Ms. Neelam Datt | Preparation and evaluation of effervescent granules. |
| 64 | Sumit Kumar Pathak | 1705650076 | Ms. Neelam Datt | Formulation and evaluation of silver nanoparticles. |
| 65 | Suraj Prakash Gupta | 1705650077 | Ms. Neelam Datt | Formulation and evaluation of solid dispersion containing topical gel. |
| 66 | Suraj Yadav | 1705650078 | Ms. Neelam Datt | Formulation and evaluation of silver nanoparticles. |
| 67 | Sushma | 1705650079 | Ms. Neelam Datt | Formulation and <i>In vitro</i> evaluation of solid dispersion containing suspension. |
| 68 | Sushma Patel | 1705650080 | Ms. Neelam Datt | Development and characterization of in situ gel. |
| 69 | Vaishali Singh | 1705650082 | Ms. Neelam Datt | Formulation and evaluation of silver nanoparticles. |
| 70 | Vikas Kumar Yadav | 1705650083 | Ms. Neelam Datt | Formulation and evaluation of lip balm using beet root extract |

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| 71 | Vikas Singh | 1705650084 | Ms. Neelam Datt | Formulation and evaluation of lip balm using beet root extract |
| 72 | Vinay Yadav | 1705650085 | Ms. Neelam Datt | Formulation and evaluation of zinc nanoparticles. |
| 73 | Vivek Kumar | 1705650088 | Ms. Neelam Datt | Development and optimization of antioxidant cream containing different herbal extracts. |
| 74 | Wasi Ahmad | 1705650089 | Ms. Neelam Datt | Formulation and evaluation of microcapsules. |
| 75 | ZiyaUrrahman Khan | 1705650090 | Ms. Neelam Datt | Formulation and evaluation of microcapsules. |
| 76 | Adarsh Kumar | 1805650901 | Ms. Neelam Datt | Formulation and evaluation of zinc nanoparticles. |
| 77 | Vivek Chaudhary | 1805650902 | Ms. Neelam Datt | Formulation and evaluation of suppositories. |

CAYm2 (2020-21)**List of Projects on elective (B. Pharm. VIII Sem):**

| S.No. | Name of Student | Roll No. | Topic |
|-------|------------------------|------------|---|
| 1. | Rumman Khan | 1605650063 | Formulation and evaluation of cold cream. |
| 2. | Abdullah Ahmad | 1705650001 | Preparation and evaluation of suspension. |
| 3. | Abhishek Chaudhary | 1705650002 | Drug development process. |
| 4. | Adarsh Mishra | 1705650003 | Preparation and evaluation of dry syrup. |
| 5. | Afiya Furquan | 1705650004 | Formulation and evaluation of paediatric paracetamol syrup 100mg/5ml. |
| 6. | Aiman Fatima | 1705650005 | To perform the stability studies of the given combination of drugs. |
| 7. | Aman Kumar | 1705650007 | Concept of generics and Generic Product development. |
| 8. | Amit Kumar Vishwakarma | 1705650009 | Drug development teams and their responsibilities. |
| 9. | Anchal Yadav | 1705650010 | Quality control tests for sustained release tablet of Pantoprazole. |
| 10. | Anil Yadav | 1705650011 | Stages of drug discovery. |
| 11. | Anjali Gupta | 1705650012 | Prepare and evaluate an enteric coated formulation. |
| 12. | Ankur Mishra | 1705650014 | Importance and use of orange book. |
| 13. | Anmol Jaiswal | 1705650015 | FDA Review Procedures for drug master file (DMF). |
| 14. | Anup Kumar Singh | 1705650016 | Formulation and evaluation of Immediate release paracetamol tablet 500mg. |
| 15. | Aryan Rai | 1705650017 | Risks and Opportunities in Development of New Drug. |
| 16. | Asheesh Kumar Maurya | 1705650018 | Guidelines for designing a multivitamin tablet. |
| 17. | Ashutosh Yadav | 1705650019 | Challenges in Regulatory Filings for Generic Products. |
| 18. | Atma Nishad | 1705650020 | Quality control tests for vials. |
| 19. | Awadh Bajpai | 1705650021 | Concept of generics and Generic Product development. |
| 20. | Brahm Kumar Sharma | 1705650022 | Guidelines considered for formulation of Metoprolol tablet. |
| 21. | Deepa Neopane | 1705650023 | Formulation strategy for a BCS class II drug. |
| 22. | Diksha Singh | 1705650024 | Formulation and evaluation of a sugar-coated tablet (Multivitamin). |
| 23. | Harshbardhan Shahi | 1705650026 | Risks and Opportunities in Development of New Drug. |
| 24. | Khyaati Misra | 1705650029 | Formulation and evaluation of Pain relief ointment. |
| 25. | Kishn Shukla | 1705650030 | ASEAN Common Technical Document (ACTD) research. |

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| 26. | Km Madhu Sharma | 1705650031 | Drug development teams and their responsibilities. |
| 27. | Km Vibha Patel | 1705650032 | Quality control tests for an antacid suspension. |
| 28. | Komal Gupta | 1705650033 | The Role of Regulatory Affair in Pharmaceutical Exports. |
| 29. | Komal Tiwari | 1705650034 | Preparation and evaluation of Sterile water for injection |
| 30. | Kritika Singh | 1705650036 | Formulation and evaluation of a conventional Ibuprofen tablet (400mg) |
| 31. | Laxmi Kant | 1705650037 | ASEAN Common Technical Document (ACTD) research. |
| 32. | Mo Irsad | 1705650038 | Formulation and evaluation of film coated tablet 100mg (Diclofenac potassium). |
| 33. | Mohammed Azaruddin | 1705650039 | Malpractices in Regulatory Submissions. |
| 34. | Mohd Ameen | 1705650041 | Foam-based aerosol preparation. |
| 35. | Mohd Dawood | 1705650042 | Role of Post Approval Clinical Trials for Drug safety. |
| 36. | Mridul Kumar Yadav | 1705650043 | Formulation and evaluation of Toothpaste (containing fluoride). |
| 37. | Mukesh Kumar Chaudhary | 1705650044 | Electronic common technical documents and Electronic Regulatory Submissions. |
| 38. | Naureen Khan | 1705650045 | Similarities and difference between US DMF, Canadian DMF and eDMF. |
| 39. | Naushad Mansoor | 1705650046 | Formulation and evaluation of cold cream. |
| 40. | Noor Ali | 1705650048 | Formulation and evaluation of a conventional Metronidazole tablet (500mg). |
| 41. | Patwa Pooja Bansidhar | 1705650049 | Approval process for abbreviated new drug application. |
| 42. | Pooja Singh | 1705650050 | Formulation and evaluation of reconstitutable oral suspension. |
| 43. | Pradumma Mishra | 1705650051 | Selection of packaging and quality control tests for Sterile Water for Injection. |
| 44. | Preeti Yadav | 1705650052 | Formulation and evaluation of film coated tablet 320mg (Valsartan). |
| 45. | Prerna Kewlani | 1705650053 | Improvement of stability profile of oxidizable drug. |
| 46. | Priyansh Chokhani | 1705650054 | Formulation and evaluation of Paracetamol tablets. |
| 47. | Rajdeep Gupta | 1705650056 | Comparative study of New Drug Application Procedure in US, EU and India. |
| 48. | Ramit Yadav | 1705650057 | Comparative study of IND application procedure in US, EU and India. |
| 49. | Rishabh Dubey | 1705650059 | Formulation and evaluation of a conventional Clinidipine tablet (10mg). |
| 50. | Rohit Vishwakarma | 1705650060 | Marketing Authorization of New Drug substance in USA. |
| 51. | Rohit Yadav | 1705650061 | Formulation and evaluation of Antacid Gel. |
| 52. | Rupali | 1705650062 | Marketing Authorization of New Drug substance in Europe. |
| 53. | Saawan Kumar Verma | 1705650063 | Comparison of Various Regulatory Guidelines for Product Development. |
| 54. | Samra Fatima | 1705650064 | Formulation and evaluation of Cough syrup (Dry cough). |
| 55. | Satish Kumar | 1705650065 | Critical and Comparative Analysis of Marketing Authorization Procedures in different Countries. |
| 56. | Satyam Jaiswal | 1705650066 | Preformulation studies to prepare a topical ointment. |
| 57. | Shahzad Ahmad | 1705650067 | Organization and structure of regulatory authority of India. |
| 58. | Shashi Kant Singh | 1705650068 | Regulatory strategy for filing NDA/ ANDA. |

| | | | |
|-----|---------------------|------------|--|
| 59. | Shashi Kashyap | 1705650069 | Preformulation studies to prepare Azithromycin 250mg tablets. |
| 60. | Shivam Pandey | 1705650070 | Patent issues in ANDA Approval Process. |
| 61. | Sonaxi Agrahari | 1705650072 | Formulation and evaluation of a conventional Nimesulide tablet (100mg). |
| 62. | Sri Mohan Pandey | 1705650074 | Current Regulations and guidelines for biomedical research involving human participants. |
| 63. | Sumit Kumar | 1705650075 | Formulation and evaluation of Cough syrup. |
| 64. | Sumit Kumar Pathak | 1705650076 | Management and monitoring of clinical trials. |
| 65. | Suraj Prakash Gupta | 1705650077 | Formulation and evaluation of paediatric paracetamol suspension 120mg/5ml. |
| 66. | Suraj Yadav | 1705650078 | Obligations of Sponsor in a clinical Trial. |
| 67. | Sushma | 1705650079 | Formulation and evaluation of a sugar-coated tablet Ibuprofen (200mg). |
| 68. | Sushma Patel | 1705650080 | Stability studies performed for a sterile eye ointment of Chloramphenicol. |
| 69. | Vaishali Singh | 1705650082 | Ethical review procedure for clinical trials in India. |
| 70. | Vikas Kumar Yadav | 1705650083 | Formulation and evaluation of soft gelatin capsules. |
| 71. | Vikas Singh | 1705650084 | Pharmacovigilance program of India. |
| 72. | Vinay Yadav | 1705650085 | Safety monitoring in clinical trials. |
| 73. | Vivek Kumar | 1705650088 | Procedure for export of pharmaceutical products in overseas market. |
| 74. | Wasi Ahmad | 1705650089 | Formulation and evaluation of a conventional Aspirin tablet (50mg). |
| 75. | Ziya Urrahman Khan | 1705650090 | Modules of Common technical document dossier. |
| 76. | Adarsh Kumar | 1805650901 | GCP Obligations of Investigator in a clinical Trial. |
| 77. | Vivek Chaudhary | 1805650902 | Formulation and evaluation of tablet (Paracetamol 650mg). |

As part of the cocurricular activities, regular industry/ hospital/ pathology labs are arranged for all years of B. Pharm program. The details are as given under.

Impact Analysis: The students were benefitted as they get to know the working atmosphere and the various sections by visiting industry/ hospital set up.

Experts from these areas delivered informative lectures. These help the students to understand real-time appreciation and value addition.

CAYm2(2020-21):

Could not be conducted due to COVID-19 pandemic.

2.2.6 Continuous Evaluation Process (10)

Continuous evaluation is carried for regular monitoring of student's performance and keep them motivated throughout the semester. The evaluation is carried out under following components.

2019/2018/2017 Pattern (PCI Prescribed syllabus)

Theory evaluation: In a semester period, two sessional exams are conducted for 30 marks.

Average of two sessional exams is calculated and converted out of 15marks.

For continuous assessment the marks allocated are awarded as per the scheme:

Attendance maximum 4 marks

Academic activities (Average of any 3 activities e.g., quiz, assignment, test, field work, group discussion and seminar) 3 marks

Student teacher interaction maximum marks 3

Total of 10 marks.

Internal theory assessment is done for 25 marks.

For subjects remedial biology/mathematics, communication skills two sessional exams are conducted for 50 marks.

Average of two sessional exams is calculated and converted out of 30marks.

For continuous assessment the marks allocated are awarded as per the scheme:

Attendance maximum 8 marks, Academic activities (Average of any three activities assignment, seminar) 6 marks, Student teacher interaction maximum marks 6 Total of 20 marks.

Internal theory assessment is done for 50 marks.

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 the syllabus prescribed by the AKTU and identified gaps. Opportunities are given for acquiring practical skills to undergradu

Continuous assessment for practical is carried for assessing all levels of knowledge. The writing of the practical records, submission and evaluation are done regularly. Viva voce /synopsis is conducted for ev

1. Attendance-02 marks

2. Based on Practical Records, Regular viva voce, etc.-03 marks

Sessional practical examinations are conducted in regular mode. Average of these marks is then converted out of 10 marks and 5 marks of continuous assessment.

For the teaching faculty, continuous evaluation with regard to their self-improvement in teaching methodology, practical skills and professionalism is evaluated at the end of each semester through feedback authorities for further assessment and action. Best teachers are given appreciation letters and felicitated in meetings.

2.2.7 Quality of Experiments (20)

- The Faculty of Pharmacy at BBDNIIT, Lucknow, offers B. Pharm. And M. Pharm. Programs in two branches. We have the requisite facilities for conducting research.
- AKTU/PCI has specified an outline of the B.Pharm. syllabus practicals. A few experiments are identified as GAP and added to increase the quality of experimental skills and the comprehension of the are highlighted below:
 - All laboratories are spacious and equipped with the necessary infrastructure for conducting experiments efficiently. Individual laboratories have been fitted with the prescribed equipment, instrume Council of India.
 - The teachers are meritorious, well-qualified, and have practical work experience.
 - Teachers endeavour to improve their laboratory skills in order to provide students with up-to-date information and effective psychomotor skills.
 - The practical class size is 35 students, which allows for greater student–faculty interaction, thereby shaping the cognitive, affective, and psychomotor domains of the student. Each student's practical three criteria.
 - Students are given hands-on experience with apparatus that is part of their theoretical curriculum.
 - Depending on the respective course and year of study, the B. Pharm. Program's practicals from Sem I through Sem VIII require skills addressing different levels.
 - The central instrumentation room is outfitted with advanced instruments (for PG and Ph.D. research), and these facilities are also extended to UG students to facilitate their education.
 - Simulation investigations in pharmacology are routinely conducted with X-Pharm and other software. UG students are also exposed to the animal experiments conducted by graduate students in theoretical concepts. Students are instructed in the humane and ethical treatment of animals while conducting suitable animal demonstration experiments.
 - Industrial exposure through visits also redefines certain theoretical and practical concepts that were not adequately explained.
 - Wherever applicable, secure handling of chemicals and instruments and safety precautions and measures while operating equipment are taught.
 - The EHS policy is being adhered to with regards to the safe disposal of chemicals and its stipulations.
 - Before using any instrument or piece of equipment, the students are instructed to read the SOPs and fill out the log book.
 - Students are also exposed to the use of fire extinguishers.
 - Students are instructed on the significance of documentation and how to present their records with an appropriate conclusion and discussion.
 - During the online COVID pandemic, practicals (experiments) were presented in a manner that made them simpler for students to comprehend. Practical principles and procedures were taught : software, YouTube videos, and videos created in the laboratory.

3 COURSE OUTCOMES (COS) AND PROGRAM OUTCOMES (POS) (100)

Total Marks 100.00

3.1 Establish the correlation between the courses and the Program Outcomes (NBA defined Program Outcomes as mentioned in Annexure I) (20)

Total Marks 20.00

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) (5)

Institute Marks : 5.00

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

| | | | |
|----------------------|--------------|----------------------|------------------|
| Course Name : | C1 01 | Course Year : | 2022-2023 |
|----------------------|--------------|----------------------|------------------|

| Course Name | Statements |
|--------------------|--|
| C1 01.1 | Understand composition and functions of body fluid and blood |
| C1 01.2 | Explain various axial, appendicular bones of body and joints they formed. |
| C1 01.3 | Understand basic life processes, various homeostatic mechanisms and their imbalances. |
| C1 01.4 | Explain anatomy and physiology of various body systems and understand their coordinated working. |

| | | | |
|----------------------|--------------|----------------------|------------------|
| Course Name : | C1 07 | Course Year : | 2022-2023 |
|----------------------|--------------|----------------------|------------------|

| Course Name | Statements |
|--------------------|---|
| C1 07.1 | Identify bones of axial and appendicular skeleton. |
| C1 07.2 | Clarify process, mechanisms and significance of various hematological parameters. |
| C1 07.3 | Study of permanent histological slides of various tissue. |
| C1 07.4 | Determine blood pressure and understand its significance. |

| | | | |
|----------------------|--------------|----------------------|------------------|
| Course Name : | C2 31 | Course Year : | 2022-2023 |
|----------------------|--------------|----------------------|------------------|

| Course Name | Statements |
|--------------------|---|
| C2 31.1 | Explain the concept organic chemistry pertaining to benzene and its derivatives and polynuclear hydrocarbons. |
| C2 31.2 | Write the structure, reactions, mechanism of reactions and reactivity of aromatic compounds including oil and fats. |
| C2 31.3 | Describe the methods of preparations of some organic compounds. |
| C2 31.4 | Know the stability of cycloalkanes, the various theories explaining the stability, and the reactions of small cyclopropane and ayurvedas. |

| | | | |
|----------------------|--------------|----------------------|------------------|
| Course Name : | C2 35 | Course Year : | 2022-2023 |
|----------------------|--------------|----------------------|------------------|

| Course Name | Statements |
|--------------------|---|
| C2 35.1 | Discuss the basic laboratory techniques, including recrystallization, steam distillation. |

| | | |
|---------|---|----|
| C2 35.2 | Prepare the aromatic organic compounds, explain their properties and uses. | // |
| C2 35.3 | Describe the various parameters of oil and fat samples, and interpret the quality of samples. | // |
| C2 35.4 | Characterize the organic compounds using techniques such as melting point, solubility, and thin-layer chromatography. | // |

| | | | |
|---------------|-------|---------------|-----------|
| Course Name : | C3 53 | Course Year : | 2022-2023 |
|---------------|-------|---------------|-----------|

| Course Name | Statements | |
|-------------|--|----|
| C3 53.1 | To gain insights on the pharmacology and pharmacotherapy of various drugs acting on cardiovascular system. | // |
| C3 53.2 | The learner should be able to distinguish the pharmacology of autacoids and related drugs. | // |
| C3 53.3 | To conceptualize the pharmacology and pharmacotherapy of various drugs acting on the endocrine system. | // |
| C3 53.4 | To appreciate correlation of pharmacology with related medical sciences. | // |

| | | | |
|---------------|-------|---------------|-----------|
| Course Name : | C3 57 | Course Year : | 2022-2023 |
|---------------|-------|---------------|-----------|

| Course Name | Statements | |
|-------------|--|----|
| C3 57.1 | To comprehend the basic principle of bioassay and type of bioassays. | // |
| C3 57.2 | To demonstrate isolation of different organs/tissues from the laboratory animals by simulated experiments. | // |
| C3 57.3 | To decipher the effect of different drugs on the concentration response curves. | // |
| C3 57.4 | To demonstrate the various receptor actions using isolated tissue preparation. | // |

| | | | |
|---------------|-------|---------------|-----------|
| Course Name : | C4 71 | Course Year : | 2022-2023 |
|---------------|-------|---------------|-----------|

| Course Name | Statements | |
|-------------|---|----|
| C4 71.1 | Understand the basic concepts and principles of the instrumentation techniques available. | // |
| C4 71.2 | Understand the chromatographic separation and analysis of drugs. | // |
| C4 71.3 | Understand the interaction of matter with electromagnetic radiations and its applications in drug analysis. | // |

| | |
|---------|--|
| C4 71.4 | Explain quantitative & qualitative analysis of drugs using various analytical instruments. |
|---------|--|

| | | | |
|---------------|-------|---------------|-----------|
| Course Name : | C4 75 | Course Year : | 2022-2023 |
|---------------|-------|---------------|-----------|

| Course Name | Statements |
|-------------|--|
| C4 75.1 | Understand the principle involved in spectroscopy and importance of absorption maximum in the estimation of organic compounds. |
| C4 75.2 | Perform assay of drugs by UV, Visible spectroscopy. |
| C4 75.3 | Perform characterization and quantify the organic compounds/amino acids/ by using various chromatographic techniques. |
| C4 75.4 | Perform the interpretation of chromatograms and spectra. |

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; atleast one per year) (5)

Institute Marks : 5.00

1 . course name : C101

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C101.1 | 3 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | - ▾ | 1 ▾ | 2 ▾ | 1 ▾ | 1 ▾ | 2 ▾ | 3 ▾ |
| C101.2 | 2 ▾ | 1 ▾ | 1 ▾ | 2 ▾ | 1 ▾ | 1 ▾ | 2 ▾ | - ▾ | 2 ▾ | 1 ▾ | 3 ▾ |
| C101.3 | 3 ▾ | 2 ▾ | 1 ▾ | 2 ▾ | - ▾ | 1 ▾ | 1 ▾ | - ▾ | 2 ▾ | 1 ▾ | 3 ▾ |
| C101.4 | 2 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | 2 ▾ | 2 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | 3 ▾ |
| Average | 2.50 | 1.25 | 1.00 | 1.50 | 0.50 | 1.25 | 1.75 | 0.50 | 1.50 | 1.25 | 3.00 |

2 . course name : C107

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C107.1 | 3 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | - ▾ | 1 ▾ | 2 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | 2 ▾ |
| C107.2 | 2 ▾ | 1 ▾ | 2 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | 3 ▾ |
| C107.3 | 3 ▾ | 2 ▾ | 1 ▾ | 1 ▾ | - ▾ | 1 ▾ | 2 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | 2 ▾ |
| C107.4 | 2 ▾ | 2 ▾ | 2 ▾ | 2 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | 2 ▾ | 1 ▾ | 3 ▾ |
| Average | 2.50 | 1.50 | 1.50 | 1.25 | 0.50 | 1.00 | 1.50 | 1.00 | 1.25 | 1.00 | 2.50 |

3 . course name : C231

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C231.1 | 3 ▾ | 3 ▾ | 1 ▾ | 1 ▾ | - ▾ | 3 ▾ | 3 ▾ | - ▾ | 3 ▾ | 1 ▾ | 3 ▾ |
| C231.2 | 3 ▾ | 3 ▾ | 1 ▾ | 1 ▾ | - ▾ | 2 ▾ | 3 ▾ | - ▾ | 3 ▾ | 1 ▾ | 3 ▾ |
| C231.3 | 3 ▾ | 2 ▾ | 1 ▾ | 1 ▾ | - ▾ | 3 ▾ | 3 ▾ | - ▾ | 3 ▾ | 1 ▾ | 3 ▾ |
| C231.4 | 3 ▾ | 3 ▾ | 1 ▾ | 2 ▾ | 1 ▾ | 3 ▾ | 3 ▾ | 1 ▾ | 2 ▾ | 1 ▾ | 3 ▾ |
| Average | 3.00 | 2.75 | 1.00 | 1.25 | 0.25 | 2.75 | 3.00 | 0.25 | 2.75 | 1.00 | 3.00 |

4 . course name : C235

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C235.1 | 3 ▾ | 3 ▾ | 3 ▾ | 2 ▾ | - ▾ | 3 ▾ | 3 ▾ | 1 ▾ | 3 ▾ | 2 ▾ | 3 ▾ |
| C235.2 | 3 ▾ | 3 ▾ | 3 ▾ | 2 ▾ | 1 ▾ | 3 ▾ | 3 ▾ | 1 ▾ | 2 ▾ | 2 ▾ | 3 ▾ |
| C235.3 | 3 ▾ | 2 ▾ | 3 ▾ | 2 ▾ | - ▾ | 3 ▾ | 3 ▾ | 1 ▾ | 2 ▾ | 3 ▾ | 3 ▾ |
| C235.4 | 3 ▾ | 3 ▾ | 3 ▾ | 2 ▾ | - ▾ | 3 ▾ | 2 ▾ | 1 ▾ | 2 ▾ | 3 ▾ | 3 ▾ |
| Average | 3.00 | 2.75 | 3.00 | 2.00 | 0.25 | 3.00 | 2.75 | 1.00 | 2.25 | 2.50 | 3.00 |

5 . course name : C353

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C353.1 | 3 ▾ | 1 ▾ | 1 ▾ | - ▾ | - ▾ | 3 ▾ | 3 ▾ | - ▾ | 3 ▾ | - ▾ | 3 ▾ |
| C353.2 | 3 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | - ▾ | 3 ▾ | 3 ▾ | 1 ▾ | 3 ▾ | 1 ▾ | 3 ▾ |
| C353.3 | 3 ▾ | 1 ▾ | 1 ▾ | - ▾ | - ▾ | 3 ▾ | 3 ▾ | 1 ▾ | 3 ▾ | - ▾ | 3 ▾ |
| C353.4 | 3 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | 3 ▾ | 3 ▾ | - ▾ | 3 ▾ | 1 ▾ | 3 ▾ |
| Average | 3.00 | 1.00 | 1.00 | 0.75 | 0.25 | 3.00 | 3.00 | 0.75 | 3.00 | 0.75 | 3.00 |

6 . course name : C357

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| C357.1 | 3 ▾ | 3 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | 1 ▾ | 3 ▾ | - ▾ | 3 ▾ | - ▾ | 3 ▾ |

| | | | | | | | | | | | |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C357.2 | 3 | 3 | 1 | 1 | - | - | 3 | 1 | 3 | - | 3 |
| C357.3 | 3 | 3 | 2 | 1 | 1 | - | 3 | - | 3 | 1 | 3 |
| C357.4 | 3 | 3 | 1 | 1 | - | 1 | 3 | 1 | 3 | - | 3 |
| Average | 3.00 | 3.00 | 1.25 | 1.00 | 0.50 | 0.50 | 3.00 | 0.50 | 3.00 | 0.25 | 3.00 |

7 . course name : C471

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C471.1 | 3 | - | 2 | - | - | 3 | 1 | - | 3 | - | 3 |
| C471.2 | 3 | 1 | 3 | 2 | - | 2 | 1 | - | 3 | 1 | 3 |
| C471.3 | 3 | - | 2 | 1 | 1 | 2 | 1 | - | 3 | - | 3 |
| C471.4 | 2 | - | 3 | 3 | - | 3 | 1 | 1 | 3 | 1 | 3 |
| Average | 3.00 | 0.25 | 2.50 | 1.75 | 0.25 | 2.50 | 1.00 | 0.25 | 3.00 | 0.50 | 3.00 |

8 . course name : C475

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C475.1 | 3 | - | 3 | 3 | - | 3 | 1 | - | 3 | - | 3 |
| C475.2 | 3 | 1 | 2 | 3 | - | 3 | 1 | - | 2 | 1 | 3 |
| C475.3 | 3 | - | 3 | 3 | - | 2 | 1 | - | 2 | - | 3 |
| C475.4 | 3 | - | 2 | 3 | 1 | 3 | 1 | 1 | 2 | - | 3 |
| Average | 3.00 | 0.25 | 2.50 | 3.00 | 0.25 | 2.75 | 1.00 | 0.25 | 2.25 | 0.25 | 3.00 |

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

Institute Marks : 10.00

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|---------|------|------|------|------|------|------|------|------|------|------|------|
| C101T | 2.5 | 1.25 | 1 | 1.5 | 0.5 | 1.25 | 1.75 | 0.5 | 1.5 | 1.25 | 3 |
| C102T | 3 | 0.25 | 3 | 1 | 0.5 | 3 | 0.25 | 0.75 | 3 | 0.75 | 3 |
| C103T | 3 | 2 | 1.25 | 0.75 | 1.75 | 2.5 | 2.5 | 1.25 | 2.5 | 2.5 | 3 |
| C104T | 3 | 2.75 | 0.75 | 1.25 | 0.5 | 2.75 | 3 | 0.5 | 3 | 1 | 3 |
| C105T | 1 | 0.25 | 0.25 | 0.25 | 3 | 3 | 2.5 | 3 | 1 | 0.25 | 1.5 |
| C106RBT | 3 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 1.5 | 2 | 0.25 |
| C106RMT | 2 | 0.25 | 0.25 | 1.75 | 0.25 | 0.25 | 0.25 | 0.75 | 0.25 | 0.25 | 0.75 |
| C107P | 2.5 | 1.5 | 1.5 | 1.25 | 0.5 | 1 | 1.5 | 1 | 1.25 | 1 | 2.5 |
| C108P | 3 | 2 | 3 | 1.5 | 2 | 1 | 1 | 3 | 2 | 2 | 3 |
| C109P | 3 | 2 | 1.75 | 1.25 | 2 | 2.25 | 3 | 0.5 | 2.25 | 2.5 | 3 |
| C110P | 3 | 3 | 2.5 | 1.75 | 0.25 | 2.75 | 2.5 | 0.75 | 2.75 | 2.75 | 3 |
| C111P | 1 | 0.25 | 0.25 | 0.25 | 3 | 3 | 2.5 | 3 | 1 | 0.25 | 1 |
| C112RBP | 3 | 0.25 | 0.25 | 3 | 0.25 | 2 | 2 | 0.25 | 2 | 1 | 1 |
| C121T | 3 | 0.5 | 0.5 | 0.25 | 0.25 | 1.5 | 2.75 | 1.75 | 2.25 | 0.5 | 3 |
| C122T | 3 | 0.5 | 2.75 | 0.5 | 0.5 | 3 | 1 | 0.25 | 3 | 1 | 3 |
| C123T | 3 | 2.75 | 0.75 | 1.25 | 0.5 | 2.75 | 3 | 0.5 | 3 | 1 | 3 |
| C124T | 3 | 1 | 1 | 0.5 | 0.25 | 1 | 3 | 0.25 | 3 | 0.5 | 3 |
| C125T | 3 | 0.25 | 0.25 | 2 | 0.25 | 0.25 | 2 | 0.25 | 0.25 | 0.25 | 2 |
| C126T | 0.25 | 0.25 | 1.25 | 0.25 | 0.5 | 0.25 | 0.25 | 0.25 | 0.25 | 3 | 0.25 |
| C127P | 3 | 0.25 | 0.25 | 2.5 | 0.5 | 2.5 | 3 | 2.25 | 2.25 | 1.25 | 3 |
| C128P | 3 | 0.75 | 1.25 | 1.5 | 0.25 | 2.75 | 2 | 0.25 | 2.5 | 1.5 | 3 |
| C129P | 3 | 3 | 2.5 | 1.75 | 0.25 | 2.75 | 2.5 | 0.75 | 2.75 | 2.75 | 3 |
| C130P | 2.5 | 0.25 | 0.25 | 2.25 | 0.25 | 0.25 | 2 | 0.25 | 0.25 | 0.25 | 1 |
| C231T | 3 | 2.75 | 1 | 0.75 | 0.25 | 2.75 | 2.75 | 0.25 | 3 | 1 | 3 |
| C232T | 3 | 2 | 3 | 3 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 3 |
| C233T | 3 | 1.75 | 2 | 2 | 1 | 2.5 | 2.25 | 0.5 | 2 | 0.75 | 3 |
| C234T | 2.5 | 0.75 | 0.25 | 2.5 | 0.5 | 1.25 | 2.75 | 0.25 | 0.5 | 1.25 | 0.5 |
| C235P | 3 | 2.5 | 2.75 | 2 | 0.25 | 2.75 | 2.5 | 1 | 2.5 | 2.75 | 3 |
| C236P | 3 | 2 | 3 | 3 | 0.25 | 0.5 | 1 | 0.25 | 0.25 | 0.25 | 3 |
| C237P | 2.25 | 1.5 | 2 | 1.25 | 1.25 | 1.5 | 1 | 0.25 | 0.25 | 1.25 | 1.75 |
| C238P | 3 | 2.25 | 1.25 | 2.75 | 0.5 | 1.25 | 1.5 | 0.5 | 1 | 0.5 | 2.5 |
| C241T | 3 | 0.25 | 0.25 | 1.5 | 1.5 | 1.5 | 1 | 0.5 | 2.5 | 1 | 3 |
| C242T | 3 | 2.75 | 1 | 0.75 | 0.25 | 2.75 | 2.75 | 0.25 | 3 | 1 | 3 |
| C243T | 3 | 2.75 | 2.75 | 2 | 0.5 | 1 | 2.25 | 1 | 3 | 2 | 3 |
| C244T | 2.75 | 2.25 | 1.75 | 1.5 | 0.5 | 2.5 | 2 | 1 | 2 | 1.25 | 3 |
| C245T | 3 | 2.75 | 1.5 | 1.25 | 0.25 | 2.25 | 2.5 | 0.25 | 2.25 | 2.5 | 3 |
| C246P | 3 | 2.5 | 2.75 | 2 | 0.25 | 2.75 | 2.5 | 1 | 2.5 | 2.75 | 3 |
| C247P | 3 | 3 | 3 | 2 | 1 | 1 | 2 | 1 | 2.75 | 2.75 | 3 |
| C248P | 2.75 | 2.75 | 1.75 | 2.5 | 0.5 | 2.25 | 2.75 | 1 | 1.75 | 1.75 | 3 |
| C249P | 3 | 2.5 | 2.25 | 2.25 | 0.25 | 1.5 | 2.75 | 0.25 | 2.25 | 2.75 | 3 |
| C351T | 3 | 2.75 | 1 | 0.75 | 0.25 | 2.75 | 2.75 | 0.25 | 3 | 1 | 3 |
| C352T | 3 | 2.5 | 2.75 | 3 | 0.75 | 1 | 0.5 | 0.25 | 0.75 | 2.25 | 2.75 |
| C353T | 3 | 1 | 1 | 0.75 | 0.25 | 3 | 3 | 0.75 | 3 | 0.75 | 3 |

| | | | | | | | | | | | |
|---------|------|------|------|------|------|------|------|------|------|------|------|
| C354T | 3 | 2.75 | 1.5 | 1.25 | 0.25 | 2.25 | 2.5 | 0.25 | 2.25 | 2.5 | 3 |
| C355T | 3 | 1.25 | 1.25 | 0.75 | 0.5 | 0.25 | 3 | 0.5 | 3 | 0.25 | 3 |
| C356P | 3 | 2.75 | 2.5 | 3 | 0.75 | 0.75 | 0.75 | 0.5 | 0.75 | 2.25 | 3 |
| C357P | 3 | 3 | 1.25 | 1 | 0.5 | 0.5 | 3 | 0.5 | 3 | 0.25 | 3 |
| C358P | 3 | 2 | 2 | 2.5 | 0.25 | 1.5 | 2.5 | 0.25 | 2.75 | 2.25 | 3 |
| C359P | 3 | 2.25 | 2.25 | 1.5 | 1.5 | 2 | 2.5 | 1.25 | 2.5 | 2 | 3 |
| C361T | 3 | 2.5 | 2.25 | 2.25 | 0.5 | 0.5 | 0.5 | 0.5 | 1 | 2.25 | 2 |
| C362T | 3 | 0.25 | 0.5 | 0.5 | 0.75 | 2.25 | 2.75 | 0.5 | 1.25 | 0.25 | 3 |
| C363T | 3 | 2.5 | 2.25 | 1.75 | 0.25 | 2.5 | 2.5 | 0.25 | 2.75 | 3 | 3 |
| C364T | 2.25 | 1.5 | 2 | 1.25 | 0.5 | 2.25 | 1.25 | 0.5 | 0.25 | 1.5 | 2.5 |
| C365T | 2.5 | 2.5 | 1 | 3 | 2 | 0.25 | 2.75 | 3 | 3 | 1.25 | 3 |
| C366T | 3 | 3 | 3 | 2.5 | 1 | 1.25 | 2 | 1 | 2.75 | 2.25 | 3 |
| C367P | 3 | 2.5 | 2.25 | 3 | 0.5 | 0.5 | 0.5 | 0.5 | 0.25 | 2 | 2 |
| C368P | 3 | 0.25 | 1 | 3 | 0.5 | 1 | 3 | 1.75 | 0.5 | 0.25 | 2.75 |
| C369P | 3 | 3 | 2.75 | 2.5 | 0.25 | 1.5 | 2.5 | 0.25 | 2.5 | 3 | 3 |
| C370P | 3 | 3 | 2.5 | 1.75 | 0.25 | 2.75 | 2.5 | 0.75 | 2.75 | 2.75 | 3 |
| C471T | 3 | 0.25 | 2.5 | 1.75 | 0.25 | 2.5 | 1 | 0.25 | 3 | 0.5 | 3 |
| C472T | 3 | 2 | 3 | 1 | 0.25 | 1 | 0.25 | 0.75 | 1 | 0.25 | 3 |
| C473T | 3 | 3 | 3 | 0.5 | 0.25 | 1.5 | 0.25 | 2.25 | 2.5 | 1.5 | 3 |
| C474T | 3 | 2 | 2.75 | 2.5 | 1 | 1.75 | 2 | 1 | 2.75 | 2.75 | 3 |
| C475P | 3 | 0.25 | 2.5 | 3 | 0.25 | 2.75 | 1 | 0.25 | 2.25 | 0.25 | 3 |
| C476P | 3 | 1.5 | 1.5 | 1.25 | 0.5 | 0.25 | 3 | 0.75 | 2.75 | 0.25 | 3 |
| C477P | 3 | 0.5 | 1 | 0.25 | 0.75 | 2.25 | 2.5 | 3 | 1 | 0.5 | 3 |
| C481T | 0.75 | 1.75 | 2 | 1.75 | 0.25 | 1.25 | 1.25 | 0.75 | 1.5 | 0.75 | 2.5 |
| C482T | 3 | 1 | 1 | 0.5 | 0.25 | 3 | 3 | 0.5 | 3 | 0.25 | 3 |
| C483ET | 1.25 | 3 | 2.5 | 1.75 | 2.75 | 2 | 2.5 | 2.5 | 2 | 1.25 | 3 |
| C488ET | 3 | 3 | 2.25 | 2.75 | 1 | 1 | 2.5 | 1 | 2.75 | 2 | 3 |
| C489PW | 1.5 | 2.75 | 2.5 | 2 | 2.75 | 2 | 2.25 | 3 | 2 | 2 | 2.75 |
| C490P | 3 | 3 | 2.5 | 1.75 | 0.25 | 2.75 | 2.5 | 0.75 | 2.75 | 2.75 | 3 |
| CKVE309 | 0.25 | 2.25 | 1.5 | 0.25 | 2.5 | 0.75 | 2.25 | 2 | 1 | 0.25 | 2 |

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)

Assessment process is divided into two parts

1. Internal examination

2. University examination+

Internal Theory Examination is assessed by Theory papers, assignments, student's attendance and student teacher interaction.

Theory papers involved short answers as well as long answers questions. Assignments involve long answers type questions. Question pattern in assignments is uniform for all co students for assignment.

Practical internal examination is assessed by Assignments, Continuous evaluation of practicals and practical test.

University examination is carried out by AKTU, Lucknow. As the university does not provide average marks, we have set target level for every year.

For the year 2019-20 target level is set for 60% for both theory and practical courses.

For the year 2020-21, target level is set for 63% for both theory and practical courses.

For the year 2021-22, target level is set for 67% for both theory and practical courses.

For the year 2022-23, target level is set for 70% for both theory and practical courses.

If 50 to 59% of students have obtained marks above target level then attainment s is considered as-low -1.

If 60 to 69% of students have obtained marks above target level then attainment s is considered as moderate-2.

If 70 % and above students have obtained marks above target level then attainments is considered as-high-3.

% Weightage for internal as well as university examination is considered as per course pattern given by Dr. APJ Abdul Kalam Technical University, Lucknow, which is described as

| Program | Year (Pattern) | %Weightage Internal Examination | %Weightage University Examination |
|-----------------------------------|----------------|---------------------------------|-----------------------------------|
| F. Y. B. Pharm, S. Y. B. Pharm | 2020-21 (2019) | 25 (Theory) | 75(Theory) |
| | | 30 (Practical) | 70 (Practical) |
| | | 25 (Theory) | 75(Theory) |
| T. Y. B. Pharm. | 2020-21 (2017) | 30 (Practical) | 70 (Practical) |
| | | 25 (Theory) | 75(Theory) |
| Final Year B.Pharm | 2020-21 (2017) | 30 (Practical) | 70 (Practical) |
| F. Y. B. Pharm, | 2021-22 (2019) | 25 (Theory) | 75(Theory) |
| S. Y. B. Pharm & | | 30 (Practical) | 70 (Practical) |
| T. Y. B. Pharm. | | 25 (Theory) | 75(Theory) |
| Final Year B. Pharm | 2021-22 (2017) | 30 (Practical) | 70 (Practical) |
| F. Y. B. Pharm, | 2022-23 (2019) | 25 (Theory) | 75(Theory) |
| S. Y. B. Pharm T. Y. B. Pharm. | | 30 (Practical) | 70 (Practical) |
| & Final Year B.Pharm | | 25 (Theory) | 75(Theory) |
| Final Year B. Pharm. | | | |

Accordingly, calculations are made for all courses for the session 2019-20, 2020-21,2021-22 & 2022-23.

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

1. Attainment of Course Outcomes

Course outcomes are statements that specify what a learner will know or be able to do as a result of a learning activity. Outcomes are usually expressed as knowledge, skills, or a statement that clearly indicates what a student should know and be able to do as a result of learning. It describes what students are able to demonstrate in terms of knowledge, skills, or several courses. Program Outcomes (Pos) describe what a program is expected to accomplish. Pos describe what students should know and be able to do at the end of the program as specified in the NBA. Clear articulation of course outcomes, Pos serves as the foundation for evaluating the effectiveness of the teaching and learning process.

For a given course, the course faculty member has to involve all other faculty members who teach that course and ask them to come up with the CO-PO mapping. The course faculty member finalizes all of these CO- PO mappings and finalizes the values. While matching COs with non-technical Pos, correlate the action verbs used in the COs with the thumb rule given in the table.

Procedure followed while assigning the values by mapping COs to Pos.

Values to CO-PO (technical Pos in particular) matrix are assigned by Judging the importance of the particular CO in relation to the Pos. If the CO matches strongly with a particular Pos, then 2 is assigned or less than 1 is assigned else marked with “ – ” symbol or 0.

Direct Assessment:

| Evaluation Methods | Process |
|--|---|
| Internal Assessment Tests | Three Internal Assessment Tests are conducted per semester to evaluate the attainment of course outcomes. Each question is mapped with COs and blooms level. |
| Assignments & Tutorials | The tutorials and assignments are given to the students based on the subject nature. For four credit papers tutorials are mandatory. Tutorial and Assignment sheets are prepared by the faculty member with COs and levels. |
| Continuous Assessment & Model Exam (Laboratory Course) | The evaluation criteria for each experiment are based on performance, viva-voce and record mark. The attainment of COs is calculated through continuous assessment and model practical performance. |
| Project Reviews | <input type="checkbox"/> Three reviews are conducted periodically to monitor and evaluate the progress of the project using project rubrics. <input type="checkbox"/> Viva-Voce is conducted at the end of the semester as per University norms. |
| University Examination | At the end of each semester, final examination is conducted for Theory and Laboratory courses by Anna University, in which question paper covers the entire syllabus and all the Cos are covered in the question papers. |

Theory courses:

For each theory course, faculty member calculates the course outcome attainment using University Examination and Internal Assessment Test. The attainment level will be calculated based on University Examination and Internal Assessment Test. The evaluation process of Internal Assessment Tests/Assignments/Tutorials/Group Discussion is counted for 25% and the University Examination is counted for 75%. Based on the level of CO attainment, the faculty member will decide whether to increase the competency level or change the content delivery method, assessment methods to

| Assessment Tool | Weightage | Frequency |
|---|-----------|----------------------|
| CO Attainment Internal Assessment Tests | 25% | Thrice in a Semester |
| University Examination | 75% | Once in a Semester |

Laboratory Courses:

For laboratory courses, the course outcome will be calculated based on performance, viva-voce, record work and model practical examination with the weightage of 30% for Continuous Internal Assessment and 70% for University Practical Examination. Based on the CO attainment level, the faculty member will decide whether to increase the competency level or enhance the practical knowledge in the laboratory course.

| Assessment Tool | Weightage | Frequency |
|--|-----------|--------------------|
| Continuous Internal Assessment | 30% | Every Week |
| CO Attainment University Practical Examination | 70% | Once in a Semester |

Project Work Assessment:

For project work, Continuous Internal Assessment is based on the performance in the three reviews. The Course Attainment is calculated based on the three reviews and project work.

- ☐ Project review is conducted every month to review the progress of the project and the second review will be conducted in the presence of an expert.

- ☐ Suggestions are given to the students for their continuous update and improvement.
- ☐ Evaluation of each review is based on the parameters discussed in teaching learning process.

The faculty member will decide the competency level and attainment level for project work

considering the average performance level of the students.

CO Attainment Calculation:

The course outcomes for all the courses are calculated in terms of percentage using the formula.

$$CO_x \text{ in } \% = \frac{\text{Marks obtained by the students in } CO_x}{\text{Maximum Marks allotted in } CO_x} \times 100$$

Where, $x = [1 \text{ to } N]$, $N = \text{Number of COs}$.

Each course outcome is calculated for all the students based on marks obtained by the students.

$$CO \text{ attainment in } \% = \frac{\text{no. of students scored more or equal to 50-59\% of marks in } CO_x}{\text{Total no of students}} \times 100$$

Where, $x = [1 \text{ to } N]$, $N = \text{Number of Course Outcomes}$

CO Attainment level is defined based on the following criteria:

| | | |
|----------------|---|---|
| | | 70% of the Students scoring more than or equal to % of |
| | 3 | Marks in Cox |
| | | 60-69% of the Students scoring more than or equal to 60% of |
| | 2 | Marks in Cox |
| COx Attainment | | 50-59% of the Students scoring more than or equal to 60% of |
| Level | 1 | Marks in Cox |

After calculating the attainment levels of each COs from the performance of Internal Assessment Test 1, 2 & 3, the attainment level of Internal Assessment Test is calculated with shown below:

$$IAT \text{ Attainment Level} = \frac{\text{Sum of all COs attained by students}}{\text{Total Number of COs}}$$

Based on university grade, the attainment level of COs is calculated. The attainment level is decided based on the following criteria.

| | | |
|------------|---|--|
| | | 70% of the Students scoring more than or equal to 50% of Marks in |
| | 3 | University Exam |
| | | 60-69% of the Students scoring more than or equal to 50% of Marks in |
| | 2 | University Exam |
| University | | 50-59% of the Students scoring more than or equal to 50% of Marks in |
| Attainment | | 1 University Exam |
| Level | 1 | |

Overall CO Attainment:

The Overall Attainment for a course is sum of 25 % of Internal Assessment Test Attainment Level and 75% of University Attainment Level.

$$\text{Overall CO Attainment} = \left(\frac{\sum_{i=1}^n CO_i}{n} \times 0.25 \right) + (UA \times 0.75) \quad n$$

Where n = number of course outcome.

The attainment level for each course is decided by the respective faculty member. The

attainment of COs for all subjects from I year, II year, III year and IV year for the batch 2019-

2020, 2020-2021, 2021-2022 and 2022-2023 are assessed by having 75% weightage for university examination and 25% weightage to internal assessment tests.

Set Attainment Level Calculation:

- ☐ The set attainment level for the first batch (2019-2020) has been fixed by faculty members for theory courses and for Laboratory courses/Project.
- ☐ The set attainment level for the batch 2020-2021 has been fixed by taking attainment level achieved by 2019-2020 batch students.
- ☐ The set attainment level for the batch 2021-2022 has been fixed by taking attainment level achieved by 2020-2021 batch students.
- ☐ The set attainment level for the batch 2022-2023 has been fixed by taking attainment level achieved by 2021-2022 batch students.

| 3.2.2 COURSE ATTAINMENT | | | Session:-2019-20 | | | | |
|-------------------------|------|--|-----------------------|---------|----------------------|---------|------------------|
| Course Code | Sem. | Course Name | University Attainment | | Sessional Attainment | | Attainment Level |
| | | | 100% | 75%/70% | 100% | 25%/30% | Achieved |
| BP101T | 1st | Human Anatomy and Physiology | 2.0 | 1.5 | 1.92 | 0.48 | 1.98 |
| BP102T | 1st | Pharmaceutical Analysis-I | 2.0 | 1.5 | 1.4 | 0.35 | 1.85 |
| BP103T | 1st | Pharmaceutics-I | 2.0 | 1.5 | 1.84 | 0.46 | 1.96 |
| BP104T | 1st | Pharmaceutical Inorganic Chemistry | 2.0 | 1.5 | 1.52 | 0.38 | 1.88 |
| BP105T | 1st | Communication Skills | NA | NA | 2.08 | 2.08 | 2.08 |
| BP106RBT | 1st | Remedial Biology | NA | NA | 1.88 | 1.88 | 1.88 |
| BP106RMT | 1st | Remedial Mathematics | NA | NA | 1.92 | 1.92 | 1.92 |
| BP107P | 1st | Human Anatomy and Physiology | 2.0 | 1.4 | 2.4 | 0.71 | 2.1 |
| BP108P | 1st | Pharmaceutical Analysis-I | 2.0 | 1.4 | 2.3 | 0.69 | 2.09 |
| BP109 P | 1st | Pharmaceutics-I | 2.0 | 1.4 | 2.07 | 0.62 | 2.02 |
| BP110P | 1st | Pharmaceutical Inorganic Chemistry | 2.0 | 1.4 | 2.6 | 0.77 | 2.17 |
| BP111P | 1st | Communication Skills | NA | NA | 2.25 | 2.25 | 2.25 |
| BP112RBP | 1st | Remedial Biology | NA | NA | 2.06 | 2.06 | 2.06 |
| BP201T | 2nd | Human Anatomy and Physiology II | 2.0 | 1.5 | 1.84 | 0.46 | 1.96 |
| BP202T | 2nd | Pharmaceutical Organic Chemistry I | 2.0 | 1.5 | 1.4 | 0.35 | 1.85 |
| BP203T | 2nd | Biochemistry | 2.0 | 1.5 | 1.52 | 0.38 | 1.88 |
| BP204T | 2nd | Pathophysiology | 2.0 | 1.5 | 1.52 | 0.38 | 1.88 |
| BP205T | 2nd | Computer Applications in Pharmacy | NA | NA | 2.13 | 2.13 | 2.13 |
| BP206T | 2nd | Environmental Sciences | NA | NA | 2.08 | 2.08 | 2.08 |
| BP207P | 2nd | Human Anatomy and Physiology II | 2.0 | 1.4 | 2.5 | 0.75 | 2.15 |
| BP208P | 2nd | Pharmaceutical Organic Chemistry I | 2.0 | 1.4 | 2.27 | 0.68 | 2.08 |
| BP209P | 2nd | Biochemistry | 2.0 | 1.4 | 2.2 | 0.66 | 2.06 |
| BP210P | 2nd | Computer Applications in Pharmacy | NA | NA | 2.3 | 2.25 | 2.25 |
| BP301T | 3rd | Pharmaceutical Organic Chemistry II | 2.0 | 1.5 | 2.24 | 0.56 | 2.06 |
| BP302T | 3rd | Physical Pharmaceutics I | 2.0 | 1.5 | 2 | 0.5 | 2 |
| BP303T | 3rd | Pharmaceutical Microbiology | 2.0 | 1.5 | 1.72 | 0.43 | 1.93 |
| BP304T | 3rd | Pharmaceutical Engineering | 2.0 | 1.5 | 1.52 | 0.38 | 1.88 |
| KVE301 | 3rd | Universal Human Values and Professional Ethics** | 2.0 | 1.5 | 2.28 | 0.57 | 2.07 |
| BP305P | 3rd | Pharmaceutical Organic Chemistry II | 2.0 | 1.4 | 1.93 | 0.58 | 1.98 |
| BP306P | 3rd | Physical Pharmaceutics I – Practical | 2.0 | 1.4 | 2.23 | 0.67 | 2.07 |
| BP307P | 3rd | Pharmaceutical Microbiology | 2.0 | 1.4 | 2.07 | 0.62 | 2.02 |
| BP308P | 3rd | Pharmaceutical Engineering | 2.0 | 1.4 | 2.875 | 0.86 | 2.26 |

| | | | | | | | |
|----------|-----|--|-----|-----|------|------|------|
| BP401T | 4th | Pharmaceutical Organic Chemistry III | 2.0 | 1.5 | 1.8 | 0.45 | 1.95 |
| BP402T | 4th | Medicinal Chemistry I | 2.0 | 1.5 | 1.52 | 0.38 | 1.88 |
| BP403T | 4th | Physical Pharmaceutics II | 2.0 | 1.5 | 2.4 | 0.6 | 2.1 |
| BP404T | 4th | Pharmacology I | 2.0 | 1.5 | 2.32 | 0.58 | 2.08 |
| BP405T | 4th | Pharmacognosy I | 2.0 | 1.5 | 2.24 | 0.56 | 2.06 |
| BP406P | 4th | Medicinal Chemistry I | 2.0 | 1.4 | 2.57 | 0.77 | 2.17 |
| BP407P | 4th | Physical Pharmaceutics II | 2.0 | 1.4 | 3 | 0.9 | 2.3 |
| BP408P | 4th | Pharmacology I | 2.0 | 1.4 | 2.7 | 0.81 | 2.21 |
| BP409P | 4th | Pharmacognosy I | 2.0 | 1.4 | 2.6 | 0.77 | 2.17 |
| BP501T | 5th | Medicinal Chemistry II | 2.0 | 1.5 | 1.88 | 0.47 | 1.97 |
| BP502T | 5th | Industrial Pharmacy I | 2.0 | 1.5 | 2.29 | 0.57 | 2.07 |
| BP503T | 5th | Pharmacology II | 2.0 | 1.5 | 2.2 | 0.55 | 2.05 |
| BP504T | 5th | Pharmacognosy and Phytochemistry | 2.0 | 1.5 | 2.2 | 0.55 | 2.05 |
| BP505T | 5th | Pharmaceutical Jurisprudence | 2.0 | 1.5 | 2 | 0.5 | 2 |
| BP506P | 5th | Industrial Pharmacy I | 2.0 | 1.4 | 3.5 | 0.88 | 2.28 |
| BP507P | 5th | Pharmacology II | 2.0 | 1.4 | 2.5 | 0.75 | 2.15 |
| BP508P | 5th | Pharmacognosy and Phytochemistry II | 2.0 | 1.4 | 2.9 | 0.88 | 2.28 |
| BP509P | 5th | Report on Hospital Training-I | 3.0 | 3 | NA | NA | 3 |
| BP601T | 6th | Medicinal Chemistry III | 2.0 | 1.5 | 1.84 | 0.46 | 1.96 |
| BP602T | 6th | Pharmacology III | 2.0 | 1.5 | 1.92 | 0.48 | 1.98 |
| BP603T | 6th | Herbal Drug Technology | 2.0 | 1.5 | 1.84 | 0.46 | 1.96 |
| BP604T | 6th | Biopharmaceutics and Pharmacokinetics | 2.0 | 1.5 | 1.68 | 0.42 | 1.92 |
| BP605T | 6th | Pharmaceutical Biotechnology | 2.0 | 1.5 | 1.96 | 0.49 | 1.99 |
| BP606T | 6th | Quality Assurance | 2.0 | 1.5 | 2.4 | 0.6 | 2.1 |
| BP607P | 6th | Medicinal Chemistry III | 2.0 | 1.4 | 2.6 | 0.78 | 2.18 |
| BP608P | 6th | Pharmacology III | 2.0 | 1.4 | 2.3 | 0.68 | 2.08 |
| BP609P | 6th | Herbal Drug Technology | 2.0 | 1.4 | 2.6 | 0.78 | 2.18 |
| BP610P | 6th | Report on Industrial Training | 3.0 | 3 | NA | NA | 3 |
| RPH-733 | 7th | Pharmaceutical Chemistry-VIII | 2.0 | 1.4 | 2.4 | 0.72 | 2.12 |
| RPH-734 | 7th | Pharmaceutics-IX (Biopharmaceutics & Pharmacokinetics | 2.0 | 1.4 | 1.8 | 0.55 | 1.95 |
| RPH-735 | 7th | Pharmacology-III | 2.0 | 1.4 | 2.3 | 0.69 | 2.09 |
| RPH-736 | 7th | Pharmacognosy-IV | 2.0 | 1.4 | 2.3 | 0.7 | 2.1 |
| RPH-737 | 7th | Pharmaceutical Analysis-III | 2.0 | 1.4 | 2.4 | 0.72 | 2.12 |
| RPH-734P | 7th | Pharmaceutics-IX (Biopharmaceutics & Pharmacokinetics) | 1.4 | 1 | 3.6 | 1.09 | 2.09 |
| RPH-735P | 7th | Pharmacology-III | 1.4 | 1 | 3.9 | 1.16 | 2.16 |
| RPH-736P | 7th | Pharmacognosy-IV Practical | 1.4 | 1 | 4.3 | 1.28 | 2.28 |

| | | | | | | | |
|------------|-----|--------------------------------------|-----|-----|-----|------|------|
| RPH-737P | 7th | Pharmaceutical Analysis III | 2.1 | 1.5 | 2.6 | 0.78 | 2.28 |
| RPH-738P | 7th | Hospital Training-II | 4.3 | 3 | NA | NA | 3 |
| RPH-839 | 8th | Pharmaceutical Chemistry-IX | 2.0 | 1.4 | 2.0 | 0.61 | 2.01 |
| RPH-842 | 8th | Pharmaceutics-XII(F&N) | 2.0 | 1.4 | 1.8 | 0.53 | 1.93 |
| RPH-843 B | 8th | Good Manufacturing Practices | 2.0 | 1.4 | 2.5 | 0.74 | 2.14 |
| RPH-843 C | 8th | Clinical Pharmacy | 2.0 | 1.4 | 2.2 | 0.66 | 2.06 |
| RPH-839P | 8th | Pharmaceutical Chemistry-IX | 1.4 | 1 | 4.0 | 1.21 | 2.21 |
| RPH-842P | 8th | Pharmaceutics-XII | 1.4 | 1 | 4.0 | 1.2 | 2.2 |
| RPH-843P B | 8th | Good Manufacturing Practices Project | 1.5 | 1.5 | 2.5 | 0.75 | 2.25 |
| RPH-843P C | 8th | Clinical Pharmacy Project | 2.0 | 1 | 2.6 | 1.3 | 2.3 |
| RPH-844P | 8th | Report on Industrial Visit | 1.4 | 1 | 2.2 | 1.09 | 2.09 |

3.2.2 COURSE ATTAINMENT**Session: -2020-21**

| Course Code | Sem. | Course Name | University Attainment | | Sessional Attainment | | Attainment Lev |
|-------------|------|------------------------------------|-----------------------|---------|----------------------|---------|----------------|
| | | | 100% | 75%/70% | 100% | 25%/30% | Achieved |
| BP101T | 1st | Human Anatomy and Physiology | 2.0 | 1.5 | 2.2 | 0.56 | 2.06 |
| BP102T | 1st | Pharmaceutical Analysis-I | 2.0 | 1.5 | 1.8 | 0.45 | 1.95 |
| BP103T | 1st | Pharmaceutics-I | 2.0 | 1.5 | 2.0 | 0.5 | 2.00 |
| BP104T | 1st | Pharmaceutical Inorganic Chemistry | 2.0 | 1.5 | 1.8 | 0.46 | 1.96 |
| BP105T | 1st | Communication Skills | NA | NA | 2.2 | 2.17 | 2.17 |
| BP106RBT | 1st | Remedial Biology | NA | NA | 2.0 | 1.96 | 1.96 |
| BP106RMT | 1st | Remedial Mathematics | NA | NA | 2.0 | 1.96 | 1.96 |
| BP107P | 1st | Human Anatomy and Physiology | 2.0 | 1.4 | 2.6 | 0.77 | 2.17 |
| BP108P | 1st | Pharmaceutical Analysis I | 2.0 | 1.4 | 2.6 | 0.77 | 2.17 |
| BP109 P | 1st | Pharmaceutics I | 2.0 | 1.4 | 2.4 | 0.73 | 2.13 |
| BP110P | 1st | Pharmaceutical Inorganic Chemistry | 2.0 | 1.4 | 2.9 | 0.86 | 2.26 |
| BP111P | 1st | Communication Skills | NA | NA | 2.4 | 2.38 | 2.38 |
| BP112RBP | 1st | Remedial Biology | NA | NA | 2.2 | 2.19 | 2.19 |
| BP201T | 2nd | Human Anatomy and Physiology II | 2.0 | 1.5 | 2.4 | 0.6 | 2.10 |
| BP202T | 2nd | Pharmaceutical Organic Chemistry I | 2.0 | 1.5 | 1.9 | 0.47 | 1.97 |
| BP203T | 2nd | Biochemistry | 2.0 | 1.5 | 1.8 | 0.46 | 1.96 |
| BP204T | 2nd | Pathophysiology | 2.0 | 1.5 | 1.8 | 0.44 | 1.94 |
| BP205T | 2nd | Computer Applications in Pharmacy | NA | NA | 2.17 | 2.17 | 2.17 |
| BP206T | 2nd | Environmental Sciences | NA | NA | 2.21 | 2.21 | 2.21 |
| BP207P | 2nd | Human Anatomy and Physiology II | 2.0 | 1.4 | 2.9 | 0.86 | 2.26 |
| BP208P | 2nd | Pharmaceutical Organic Chemistry I | 2.0 | 1.4 | 2.5 | 0.75 | 2.15 |

| | | | | | | | |
|--------|-----|--|-----|-----|-----|------|------|
| BP209P | 2nd | Biochemistry | 2.0 | 1.4 | 2.6 | 0.77 | 2.17 |
| BP210P | 2nd | Computer Applications in Pharmacy | NA | NA | 2.4 | 2.38 | 2.38 |
| BP301T | 3rd | Pharmaceutical Organic Chemistry II | 2.0 | 1.5 | 2.7 | 0.67 | 2.17 |
| BP302T | 3rd | Physical Pharmaceutics I | 2.0 | 1.5 | 2.4 | 0.6 | 2.10 |
| BP303T | 3rd | Pharmaceutical Microbiology | 2.0 | 1.5 | 1.9 | 0.47 | 1.97 |
| BP304T | 3rd | Pharmaceutical Engineering | 2.0 | 1.5 | 1.9 | 0.47 | 1.97 |
| KVE301 | 3rd | Universal Human Values and Professional Ethics** | 2.0 | 1.5 | 2.6 | 0.66 | 2.16 |
| BP305P | 3rd | Pharmaceutical Organic Chemistry II | 2.0 | 1.4 | 2.2 | 0.66 | 2.06 |
| BP306P | 3rd | Physical Pharmaceutics I | 2.1 | 1.5 | 2.0 | 0.6 | 2.10 |
| BP307P | 3rd | Pharmaceutical Microbiology | 2.0 | 1.4 | 2.3 | 0.68 | 2.08 |
| BP308P | 3rd | Pharmaceutical Engineering | 3.0 | 2.1 | 0.9 | 0.26 | 2.36 |
| BP401T | 4th | Pharmaceutical Organic Chemistry III | 2.0 | 1.5 | 2.2 | 0.56 | 2.06 |
| BP402T | 4th | Medicinal Chemistry I | 2.0 | 1.5 | 1.8 | 0.46 | 1.96 |
| BP403T | 4th | Physical Pharmaceutics II | 2.0 | 1.5 | 2.7 | 0.67 | 2.17 |
| BP404T | 4th | Pharmacology I | 2.0 | 1.5 | 2.6 | 0.65 | 2.15 |
| BP405T | 4th | Pharmacognosy I | 2.0 | 1.5 | 2.7 | 0.67 | 2.17 |
| BP406P | 4th | Medicinal Chemistry I | 2.0 | 1.4 | 2.9 | 0.86 | 2.26 |
| BP407P | 4th | Physical Pharmaceutics II | 3.0 | 2.1 | 1.0 | 0.3 | 2.40 |
| BP408P | 4th | Pharmacology I | 2.0 | 1.4 | 3.0 | 0.9 | 2.30 |
| BP409P | 4th | Pharmacognosy I | 2.0 | 1.4 | 2.8 | 0.84 | 2.24 |
| BP501T | 5th | Medicinal Chemistry II | 2.0 | 1.5 | 2.2 | 0.56 | 2.06 |
| BP502T | 5th | Industrial Pharmacy I | 2.0 | 1.5 | 2.7 | 0.68 | 2.18 |
| BP503T | 5th | Pharmacology II | 2.0 | 1.5 | 2.6 | 0.66 | 2.16 |
| BP504T | 5th | Pharmacognosy and Phytochemistry | 2.0 | 1.5 | 2.6 | 0.65 | 2.15 |
| BP505T | 5th | Pharmaceutical Jurisprudence | 2.0 | 1.5 | 2.2 | 0.55 | 2.05 |
| BP506P | 5th | Industrial Pharmacy I | 3.0 | 2.1 | 0.9 | 0.26 | 2.36 |
| BP507P | 5th | Pharmacology II | 2.0 | 1.4 | 2.9 | 0.86 | 2.26 |
| BP508P | 5th | Pharmacognosy and Phytochemistry II | 3.0 | 2.1 | 0.9 | 0.26 | 2.36 |
| BP509P | 5th | Report on Hospital Training-I | 3.0 | 3 | NA | NA | 3.00 |
| BP601T | 6th | Medicinal Chemistry III | 2.0 | 1.5 | 2.3 | 0.57 | 2.07 |
| BP602T | 6th | Pharmacology III | 2.0 | 1.5 | 2.5 | 0.63 | 2.13 |
| BP603T | 6th | Herbal Drug Technology | 2.0 | 1.5 | 2.2 | 0.56 | 2.06 |
| BP604T | 6th | Biopharmaceutics and Pharmacokinetics | 2.0 | 1.5 | 2.0 | 0.5 | 2.00 |
| BP605T | 6th | Pharmaceutical Biotechnology | 2.0 | 1.5 | 2.4 | 0.61 | 2.11 |
| BP606T | 6th | Quality Assurance | 2.0 | 1.5 | 2.8 | 0.7 | 2.20 |

| | | | | | | | |
|---------|-----|--|-----|-----|------|------|------|
| BP607P | 6th | Medicinal Chemistry III | 2.0 | 1.4 | 2.9 | 0.86 | 2.26 |
| BP608P | 6th | Pharmacology III | 2.0 | 1.4 | 2.6 | 0.79 | 2.19 |
| BP609P | 6th | Herbal Drug Technology | 2.0 | 1.4 | 2.9 | 0.88 | 2.28 |
| BP610P | 6th | Report on Industrial Training | 3.0 | 3 | NA | NA | 3.00 |
| BP701T | 7th | Instrumental Methods of Analysis | 2.0 | 1.5 | 2.4 | 0.61 | 2.11 |
| BP702T | 7th | Industrial Pharmacy II | 2.0 | 1.5 | 2.4 | 0.6 | 2.10 |
| BP703T | 7th | Pharmacy Practice | 2.0 | 1.5 | 2.0 | 0.5 | 2.00 |
| BP704T | 7th | Novel Drug Delivery System (NDDS) | 2.0 | 1.5 | 2.6 | 0.65 | 2.15 |
| BP705P | 7th | Instrumental Methods of Analysis/ NDDS | 2.0 | 1.4 | 2.9 | 0.86 | 2.26 |
| BP706PS | 7th | Practice School | NA | NA | 2.17 | 2.17 | 2.17 |
| BP707P | 7th | Report on Hospital Training-II | 3.0 | 3 | NA | NA | 3.00 |
| BP801T | 8th | Biostatistics and Research Methodology | 2.0 | 1.5 | 1.7 | 0.43 | 1.93 |
| BP802T | 8th | Social and Preventive Pharmacy | 2.0 | 1.5 | 2.2 | 0.55 | 2.05 |
| BP804ET | 8th | Pharmaceutical Regulatory Science* | 2.0 | 1.5 | 1.9 | 0.48 | 1.98 |
| BP813ET | 8th | Pharmaceutical Product Development* | 1.9 | 1.4 | 2.4 | 0.6 | 2.00 |
| BP814PW | 8th | Project Work (On Elective) | 2.0 | 3 | NA | NA | 3.00 |
| BP816P | 8th | Report on Industrial Tour | 3.0 | 3 | NA | NA | 3.00 |

3.2.2 COURSE ATTAINMENT

Session:-2021-22

| Course Code | Sem. | Course Name | University Attainment | | Sessional Attainment | | Attainment Level | |
|-------------|------|------------------------------------|-----------------------|---------|----------------------|---------|------------------|---------|
| | | | 100% | 75%/70% | 100% | 25%/30% | Achieved | Require |
| BP101T | 1st | Human Anatomy and Physiology | 2.0 | 1.5 | 2.6 | 0.65 | 2.15 | 2.06 |
| BP102T | 1st | Pharmaceutical Analysis-I | 2.0 | 1.5 | 2.6 | 0.65 | 2.15 | 1.95 |
| BP103T | 1st | Pharmaceutics-I | 2.0 | 1.5 | 2.3 | 0.57 | 2.07 | 2.00 |
| BP104T | 1st | Pharmaceutical Inorganic Chemistry | 2.0 | 1.5 | 2.3 | 0.57 | 2.1 | 1.96 |
| BP105T | 1st | Communication Skills | NA | NA | 2.3 | 2.25 | 2.25 | 2.17 |
| BP106RBT | 1st | Remedial Biology | NA | NA | 2.08 | 2.08 | 2.1 | 1.96 |
| BP106RMT | 1st | Remedial Mathematics | NA | NA | 2.13 | 2.13 | 2.13 | 1.96 |
| BP107P | 1st | Human Anatomy and Physiology | 2.0 | 1.4 | 2.87 | 0.86 | 2.26 | 2.17 |
| BP108P | 1st | Pharmaceutical Analysis I | 2.0 | 1.4 | 2.9 | 0.86 | 2.26 | 2.17 |
| BP109 P | 1st | Pharmaceutics I | 2.0 | 1.4 | 2.8 | 0.83 | 2.23 | 2.13 |
| BP110P | 1st | Pharmaceutical Inorganic Chemistry | 3.0 | 2.1 | 0.9 | 0.26 | 2.36 | 2.26 |
| BP111P | 1st | Communication Skills | NA | NA | 2.5 | 2.5 | 2.5 | 2.38 |

| | | | | | | | | |
|----------|-----|--|-----|-----|------|------|------|------|
| BP112RBP | 1st | Remedial Biology | NA | NA | 2.3 | 2.3 | 2.3 | 2.19 |
| BP201T | 2nd | Human Anatomy and Physiology II | 2.0 | 1.5 | 2.6 | 0.65 | 2.15 | 2.10 |
| BP202T | 2nd | Pharmaceutical Organic Chemistry I | 2.0 | 1.5 | 2.4 | 0.6 | 2.1 | 1.97 |
| BP203T | 2nd | Biochemistry | 2.0 | 1.5 | 2.3 | 0.57 | 2.07 | 1.96 |
| BP204T | 2nd | Pathophysiology | 2.0 | 1.5 | 2.0 | 0.5 | 2.0 | 1.94 |
| BP205T | 2nd | Computer Applications in Pharmacy | NA | NA | 2.25 | 2.25 | 2.25 | 2.17 |
| BP206T | 2nd | Environmental Sciences | NA | NA | 2.29 | 2.29 | 2.29 | 2.21 |
| BP207P | 2nd | Human Anatomy and Physiology II | 3.0 | 2.1 | 1.1 | 0.34 | 2.44 | 2.26 |
| BP208P | 2nd | Pharmaceutical Organic Chemistry I | 2.0 | 1.4 | 2.9 | 0.86 | 2.26 | 2.15 |
| BP209P | 2nd | Biochemistry | 2.0 | 1.4 | 2.9 | 0.86 | 2.26 | 2.17 |
| BP210P | 2nd | Computer Applications in Pharmacy | NA | NA | 2.44 | 2.44 | 2.44 | 2.38 |
| BP301T | 3rd | Pharmaceutical Organic Chemistry II | 2.0 | 1.5 | 3.0 | 0.75 | 2.25 | 2.17 |
| BP302T | 3rd | Physical Pharmaceutics I | 2.0 | 1.5 | 2.7 | 0.68 | 2.18 | 2.10 |
| BP303T | 3rd | Pharmaceutical Microbiology | 2.0 | 1.5 | 2.3 | 0.57 | 2.07 | 1.97 |
| BP304T | 3rd | Pharmaceutical Engineering | 2.0 | 1.5 | 2.3 | 0.58 | 2.08 | 1.97 |
| KVE301 | 3rd | Universal Human Values and Professional Ethics** | 2.0 | 1.5 | 3.0 | 0.75 | 2.25 | 2.16 |
| BP305P | 3rd | Pharmaceutical Organic Chemistry II | 2.0 | 1.4 | 2.6 | 0.77 | 2.17 | 2.06 |
| BP306P | 3rd | Physical Pharmaceutics I | 2.1 | 1.5 | 2.3 | 0.68 | 2.2 | 2.10 |
| BP307P | 3rd | Pharmaceutical Microbiology | 2.0 | 1.4 | 2.4 | 0.71 | 2.11 | 2.08 |
| BP308P | 3rd | Pharmaceutical Engineering | 3.0 | 2.1 | 1.3 | 0.38 | 2.48 | 2.36 |
| BP401T | 4th | Pharmaceutical Organic Chemistry III | 2.0 | 1.5 | 2.6 | 0.66 | 2.16 | 2.06 |
| BP402T | 4th | Medicinal Chemistry I | 2.0 | 1.5 | 2.3 | 0.57 | 2.1 | 1.96 |
| BP403T | 4th | Physical Pharmaceutics II | 2.0 | 1.5 | 3.0 | 0.75 | 2.25 | 2.17 |
| BP404T | 4th | Pharmacology I | 2.0 | 1.5 | 3.0 | 0.75 | 2.25 | 2.15 |
| BP405T | 4th | Pharmacognosy I | 2.0 | 1.5 | 3.0 | 0.75 | 2.25 | 2.17 |
| BP406P | 4th | Medicinal Chemistry I | 3.0 | 2.1 | 0.9 | 0.26 | 2.36 | 2.26 |
| BP407P | 4th | Physical Pharmaceutics II | 3.0 | 2.1 | 1.4 | 0.41 | 2.51 | 2.40 |
| BP408P | 4th | Pharmacology I | 3.0 | 2.1 | 0.9 | 0.28 | 2.38 | 2.30 |
| BP409P | 4th | Pharmacognosy I | 3.0 | 2.1 | 0.8 | 0.23 | 2.33 | 2.24 |
| BP501T | 5th | Medicinal Chemistry II | 2.0 | 1.5 | 2.7 | 0.68 | 2.18 | 2.06 |
| BP502T | 5th | Industrial Pharmacy I | 2.0 | 1.5 | 3.0 | 0.75 | 2.3 | 2.18 |
| BP503T | 5th | Pharmacology II | 2.0 | 1.5 | 3.0 | 0.75 | 2.25 | 2.16 |
| BP504T | 5th | Pharmacognosy and Phytochemistry | 2.0 | 1.5 | 3.0 | 0.75 | 2.25 | 2.15 |
| BP505T | 5th | Pharmaceutical Jurisprudence | 2.0 | 1.5 | 2.6 | 0.66 | 2.16 | 2.05 |
| BP506P | 5th | Industrial Pharmacy I | 3.0 | 2.1 | 1.2 | 0.36 | 2.46 | 2.36 |

| | | | | | | | | |
|---------|-----|--|-----|------|-----|------|------|------|
| BP507P | 5th | Pharmacology II | 3.0 | 2.1 | 1.0 | 0.3 | 2.4 | 2.26 |
| BP508P | 5th | Pharmacognosy and Phytochemistry II | 3.0 | 2.1 | 1.0 | 0.31 | 2.41 | 2.36 |
| BP509P | 5th | Report on Hospital Training-I | 3.0 | 3 | NA | NA | 3.0 | 3.00 |
| BP601T | 6th | Medicinal Chemistry III | 2.0 | 1.5 | 2.7 | 0.67 | 2.17 | 2.07 |
| BP602T | 6th | Pharmacology III | 2.0 | 1.5 | 2.7 | 0.68 | 2.18 | 2.13 |
| BP603T | 6th | Herbal Drug Technology | 2.0 | 1.5 | 2.7 | 0.68 | 2.18 | 2.06 |
| BP604T | 6th | Biopharmaceutics and Pharmacokinetics | 2.0 | 1.5 | 2.1 | 0.52 | 2.02 | 2.00 |
| BP605T | 6th | Pharmaceutical Biotechnology | 2.0 | 1.5 | 2.9 | 0.72 | 2.2 | 2.11 |
| BP606T | 6th | Quality Assurance | 3.0 | 2.25 | 0.8 | 0.19 | 2.44 | 2.20 |
| BP607P | 6th | Medicinal Chemistry III | 3.0 | 2.1 | 0.9 | 0.26 | 2.36 | 2.26 |
| BP608P | 6th | Pharmacology III | 2.0 | 1.4 | 3.0 | 0.9 | 2.30 | 2.19 |
| BP609P | 6th | Herbal Drug Technology | 3.0 | 2.1 | 0.9 | 0.26 | 2.36 | 2.28 |
| BP610P | 6th | Report on Industrial Training | 3.0 | 3 | NA | NA | 3.0 | 3.00 |
| BP701T | 7th | Instrumental Methods of Analysis | 2.0 | 1.5 | 2.6 | 0.66 | 2.16 | 2.11 |
| BP702T | 7th | Industrial Pharmacy II | 2.0 | 1.5 | 2.7 | 0.68 | 2.18 | 2.10 |
| BP703T | 7th | Pharmacy Practice | 2.0 | 1.5 | 2.3 | 0.58 | 2.08 | 2.00 |
| BP704T | 7th | Novel Drug Delivery System (NDDS) | 2.0 | 1.5 | 3.0 | 0.75 | 2.25 | 2.15 |
| BP705P | 7th | Instrumental Methods of Analysis/ NDDS | 3.0 | 2.1 | 0.9 | 0.28 | 2.38 | 2.26 |
| BP706PS | 7th | Practice School | NA | NA | 2.3 | 2.29 | 2.29 | 2.17 |
| BP707P | 7th | Report on Hospital Training-II | 3.0 | 3 | NA | NA | 3.00 | 3.00 |
| BP801T | 8th | Biostatistics and Research Methodology | 2.0 | 1.5 | 2.1 | 0.53 | 2.03 | 1.93 |
| BP802T | 8th | Social and Preventive Pharmacy | 2.0 | 1.5 | 2.6 | 0.66 | 2.16 | 2.05 |
| BP804ET | 8th | Pharmaceutical Regulatory Science* | 2.0 | 1.5 | 2.3 | 0.57 | 2.07 | 1.98 |
| BP813ET | 8th | Pharmaceutical Product Development* | 1.9 | 1.4 | 2.8 | 0.71 | 2.11 | 2.00 |
| BP815PW | 8th | Project Work (On Elective) | 2.0 | 3 | NA | NA | 3.0 | 3.00 |
| BP816P | 8th | Report on Industrial Tour | 3.0 | 3 | NA | NA | 3.0 | 3.00 |

3.2.2 COURSE ATTAINMENT**Session:-2022-23**

| Course Code | Sem. | Course Name | University Attainment | | Sessional Attainment | | Attainment Level | |
|-------------|------|------------------------------|-----------------------|---------|----------------------|---------|------------------|----------|
| | | | 100% | 75%/70% | 100% | 25%/30% | Achieved | Required |
| BP101T | 1st | Human Anatomy and Physiology | 2.0 | 1.5 | 3.0 | 0.75 | 2.25 | 2.15 |
| BP102T | 1st | Pharmaceutical Analysis-I | 2.0 | 1.5 | 3.0 | 0.75 | 2.25 | 2.15 |
| BP103T | 1st | Pharmaceutics-I | 2.0 | 1.5 | 2.5 | 0.63 | 2.13 | 2.07 |

| | | | | | | | | |
|----------|-----|--|-----|------|------|------|------|------|
| BP104T | 1st | Pharmaceutical Inorganic Chemistry | 2.0 | 1.5 | 2.8 | 0.69 | 2.2 | 2.07 |
| BP105T | 1st | Communication Skills | NA | NA | 2.38 | 2.38 | 2.38 | 2.25 |
| BP106RBT | 1st | Remedial Biology | NA | NA | 2.17 | 2.17 | 2.17 | 2.08 |
| BP106RMT | 1st | Remedial Mathematics | NA | NA | 2.21 | 2.21 | 2.21 | 2.13 |
| BP107P | 1st | Human Anatomy and Physiology | 3.0 | 2.1 | 0.9 | 0.26 | 2.36 | 2.26 |
| BP108P | 1st | Pharmaceutical Analysis I | 3.0 | 2.1 | 0.8 | 0.23 | 2.33 | 2.26 |
| BP109 P | 1st | Pharmaceutics I | 2.0 | 1.4 | 3.0 | 0.9 | 2.3 | 2.23 |
| BP110P | 1st | Pharmaceutical Inorganic Chemistry | 3.0 | 2.1 | 1.3 | 0.39 | 2.49 | 2.36 |
| BP111P | 1st | Communication Skills | NA | NA | 2.56 | 2.56 | 2.56 | 2.50 |
| BP112RBP | 1st | Remedial Biology | NA | NA | 2.38 | 2.38 | 2.38 | 2.25 |
| BP201T | 2nd | Human Anatomy and Physiology II | NA | NA | NA | NA | NA | 2.15 |
| BP202T | 2nd | Pharmaceutical Organic Chemistry I | NA | NA | NA | NA | NA | 2.10 |
| BP203T | 2nd | Biochemistry | NA | NA | NA | NA | NA | 2.07 |
| BP204T | 2nd | Pathophysiology | NA | NA | NA | NA | NA | 2.00 |
| BP205T | 2nd | Computer Applications in Pharmacy | NA | NA | NA | NA | NA | 2.25 |
| BP206T | 2nd | Environmental Sciences | NA | NA | NA | NA | NA | 2.29 |
| BP207P | 2nd | Human Anatomy and Physiology II | NA | NA | NA | NA | NA | 2.44 |
| BP208P | 2nd | Pharmaceutical Organic Chemistry I | NA | NA | NA | NA | NA | 2.26 |
| BP209P | 2nd | Biochemistry | NA | NA | NA | NA | NA | 2.26 |
| BP210P | 2nd | Computer Applications in Pharmacy | NA | NA | NA | NA | NA | 2.44 |
| BP301T | 3rd | Pharmaceutical Organic Chemistry II | 3.0 | 2.25 | 0.8 | 0.19 | 2.44 | 2.25 |
| BP302T | 3rd | Physical Pharmaceutics I | 2.0 | 1.5 | 3.1 | 0.78 | 2.28 | 2.18 |
| BP303T | 3rd | Pharmaceutical Microbiology | 2.0 | 1.5 | 2.7 | 0.67 | 2.17 | 2.07 |
| BP304T | 3rd | Pharmaceutical Engineering | 2.0 | 1.5 | 2.6 | 0.66 | 2.16 | 2.08 |
| KVE301 | 3rd | Universal Human Values and Professional Ethics** | 3.0 | 2.25 | 0.8 | 0.19 | 2.44 | 2.25 |
| BP305P | 3rd | Pharmaceutical Organic Chemistry II | 2.0 | 1.4 | 2.9 | 0.86 | 2.26 | 2.17 |
| BP306P | 3rd | Physical Pharmaceutics I | 2.0 | 1.4 | 2.9 | 0.86 | 2.26 | 2.18 |
| BP307P | 3rd | Pharmaceutical Microbiology | 2.0 | 1.4 | 2.7 | 0.81 | 2.21 | 2.11 |
| BP308P | 3rd | Pharmaceutical Engineering | 3.0 | 2.1 | 1.6 | 0.47 | 2.57 | 2.48 |
| BP401T | 4th | Pharmaceutical Organic Chemistry III | NA | NA | NA | NA | NA | 2.16 |
| BP402T | 4th | Medicinal Chemistry I | NA | NA | NA | NA | NA | 2.07 |
| BP403T | 4th | Physical Pharmaceutics II | NA | NA | NA | NA | NA | 2.25 |
| BP404T | 4th | Pharmacology I | NA | NA | NA | NA | NA | 2.25 |
| BP405T | 4th | Pharmacognosy I | NA | NA | NA | NA | NA | 2.25 |

| | | | | | | | | |
|---------|-----|--|-----|------|-----|------|------|------|
| BP406P | 4th | Medicinal Chemistry I | NA | NA | NA | NA | NA | 2.36 |
| BP407P | 4th | Physical Pharmaceutics II | NA | NA | NA | NA | NA | 2.51 |
| BP408P | 4th | Pharmacology I | NA | NA | NA | NA | NA | 2.38 |
| BP409P | 4th | Pharmacognosy I | NA | NA | NA | NA | NA | 2.33 |
| BP501T | 5th | Medicinal Chemistry II | 2.0 | 1.5 | 3.0 | 0.75 | 2.25 | 2.18 |
| BP502T | 5th | Industrial Pharmacy I | 3.0 | 2.25 | 0.7 | 0.17 | 2.42 | 2.25 |
| BP503T | 5th | Pharmacology II | 3.0 | 2.25 | 0.9 | 0.23 | 2.48 | 2.25 |
| BP504T | 5th | Pharmacognosy and Phytochemistry | 3.0 | 2.25 | 0.8 | 0.19 | 2.44 | 2.25 |
| BP505T | 5th | Pharmaceutical Jurisprudence | 2.0 | 1.5 | 3.0 | 0.75 | 2.25 | 2.16 |
| BP506P | 5th | Industrial Pharmacy I | 3.0 | 2.1 | 1.6 | 0.47 | 2.57 | 2.46 |
| BP507P | 5th | Pharmacology II | 3.0 | 2.1 | 1.2 | 0.36 | 2.46 | 2.40 |
| BP508P | 5th | Pharmacognosy and Phytochemistry II | 3.0 | 2.1 | 1.3 | 0.39 | 2.49 | 2.41 |
| BP509P | 5th | Report on Hospital Training-I | 3.0 | 3 | NA | NA | 3.0 | 3.00 |
| BP601T | 6th | Medicinal Chemistry III | NA | NA | NA | NA | NA | 2.17 |
| BP602T | 6th | Pharmacology III | NA | NA | NA | NA | NA | 2.18 |
| BP603T | 6th | Herbal Drug Technology | NA | NA | NA | NA | NA | 2.18 |
| BP604T | 6th | Biopharmaceutics and Pharmacokinetics | NA | NA | NA | NA | NA | 2.02 |
| BP605T | 6th | Pharmaceutical Biotechnology | NA | NA | NA | NA | NA | 2.22 |
| BP606T | 6th | Quality Assurance | NA | NA | NA | NA | NA | 2.44 |
| BP607P | 6th | Medicinal Chemistry III | NA | NA | NA | NA | NA | 2.36 |
| BP608P | 6th | Pharmacology III | NA | NA | NA | NA | NA | 2.30 |
| BP609P | 6th | Herbal Drug Technology | NA | NA | NA | NA | NA | 2.36 |
| BP610P | 6th | Report on Industrial Training | NA | NA | NA | NA | NA | 3.00 |
| BP701T | 7th | Instrumental Methods of Analysis | 2.0 | 1.5 | 3.0 | 0.75 | 2.25 | 2.16 |
| BP702T | 7th | Industrial Pharmacy II | 2.0 | 1.5 | 3.0 | 0.75 | 2.25 | 2.18 |
| BP703T | 7th | Pharmacy Practice | 2.0 | 1.5 | 2.7 | 0.68 | 2.18 | 2.08 |
| BP704T | 7th | Novel Drug Delivery System (NDDS) | 3.0 | 2.25 | 0.9 | 0.22 | 2.47 | 2.25 |
| BP705P | 7th | Instrumental Methods of Analysis/ NDDS | 3.0 | 2.1 | 1.2 | 0.36 | 2.46 | 2.38 |
| BP706PS | 7th | Practice School | NA | NA | 2.5 | 2.5 | 2.5 | 2.29 |
| BP707P | 7th | Report on Hospital Training-II | 3.0 | 3 | NA | NA | 3.0 | 3.00 |
| BP801T | 8th | Biostatistics and Research Methodology | 2.0 | 1.5 | 2.5 | 0.63 | 2.13 | 2.03 |
| BP802T | 8th | Social and Preventive Pharmacy | 2.0 | 1.5 | 3.0 | 0.75 | 2.25 | 2.16 |
| BP814ET | 8th | Pharmaceutical Marketing management* | 2.0 | 1.5 | 2.2 | 0.56 | 2.06 | 2.00 |

| | | | | | | | | |
|---------|-----|-------------------------------------|-----|-----|-----|------|------|------|
| BP813ET | 8th | Pharmaceutical Product Development* | 1.9 | 1.4 | 3.4 | 0.85 | 2.25 | 2.11 |
| BP815PW | 8th | Project Work (On Elective) | 2.0 | 3 | NA | NA | 3.0 | 3.00 |
| BP816P | 8th | Report on Industrial Tour | 3.0 | 3 | NA | NA | 3.0 | 3.00 |

3.3 Attainment of Program Outcomes (40)

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

Attainment of Program Outcomes and Program Specific Outcomes

For measuring the attainment of Program Outcomes and Program Specific Outcomes various tools are used. The process for measuring the attainment of each PO.

PO Assessment Tools:

Evaluation of attainment of POs is based on direct and indirect assessment tools. Direct assessment of POs is based on students' performance in Continuous Assessments and assessment is based on Program Exit Survey, Alumni Survey (Theory and Practical).

Direct Assessment:

Using Program Outcomes prescribed by NBA, the faculty member evaluates the Program Outcomes through Internal Assessment Tests, Assignments. PO will be evaluated attainment value for each course. For each course, every faculty member decides the competency level and attainment level.

The following table 3 shows the tools and process for direct PO attainment.

Direct Assessment

| PO | Tools | Process |
|------------------------|---|---|
| Attainment | | |
| | | <input type="checkbox"/> Assignments are given periodically for the entire course to attain the specific POs. |
| | | <input type="checkbox"/> Three Internal Assessment Tests are conducted per semester to evaluate the student performance. |
| | <input type="checkbox"/> Internal Assessment Test | |
| | <input type="checkbox"/> Assignments | <input type="checkbox"/> University Examination is conducted once in a semester as per University Schedule |
| | <input type="checkbox"/> University Examination | <input type="checkbox"/> Student Contribution in laboratory is evaluated based on the performance, Viva Voce, Presentation and Record Work. |
| | <input type="checkbox"/> Performance | Internal Practical examination is conducted. |
| | <input type="checkbox"/> Viva Voce | |
| | <input type="checkbox"/> Record | <input type="checkbox"/> University Examination is conducted once in a semester as per University Schedule |
| | | <input type="checkbox"/> Supervisors are allotted to each students. |
| | | <input type="checkbox"/> Three reviews are conducted periodically to monitor and evaluate the progress of the project. |
| Direct (CO Attainment) | | <input type="checkbox"/> Viva-Voce is conducted at the end of the semester . |
| | <input type="checkbox"/> Project Reviews | |

Course level PO Attainment Calculation:

The PO attainment for the course is calculated using the following formula.

$$CO \text{ Attainment Ratio of Course}(x) = \frac{CO \text{ Attainment of Course}(x)}{3(\text{Maximum attainment Value})}$$

Where, $x = [1 \text{ to } N]$, $N = \text{Number of Courses}$.

$$POm \text{ Attainment of course}(x) = CO \text{ Attainment Ratio of Course}(x) \times POm \text{ Mapping Value of Course}(x)$$

Program level PO Direct Attainment Calculation:

The PO attainment for Program is calculated using the following formula.

$$POm \text{ Direct Attainment} = \frac{\sum_{i=1}^x POm \text{ Attainment of course}(i)}{x}$$

Where, $m = \text{Program Outcomes varies from 1 to 12}$

Indirect Assessment:

The following tools are used to assess the indirect assessment of attainment of COs, POs. The assessment tools listed in table are used for both CO, PO attainment calculation

Table. Indirect Assessment Tools

| S.No. | Tools used for Assessment processes | Batch 2019-20 | Batch 2020-21 | Batch 2021-22 | Batch 2022-23 |
|---------------------------------------|-------------------------------------|---------------|---------------|---------------|---------------|
| POs, Indirect Assessment Tools | | | | | |
| 1 | Program Exit Survey | ✓ | ✓ | ✓ | ✓ |
| 2 | Alumni Survey | ✓ | ✓ | ✓ | ✓ |

Program Exit Survey:

It is a process of collecting satisfaction survey on the quality of education from the perspective of graduating students upon the completion of their program. Program Exit Survey is structured with scale questions.

PO Attainment Calculation of PES:**Question Level Calculation:**

$$Q(x) \text{ in \%} = \frac{\text{no. of Students provided more than or equal to 3 Marks in } Q(x)}{\text{no. of Students}} \times 100$$

Where, $x = [1 \text{ to } 25]$, $Q[x] = x^{\text{th}}$ Questions in Program Exit Survey

Question Level Attainment:**PES Attainment level**

| | | |
|---|---|--|
| Program Exit Survey (PES) Question Level Attainment | 3 | 70% of the Students provided more than or equal to 3 Marks in Survey Question |
| | 2 | 60-69% of the Students provided more than or equal to 3 Marks in Survey Question |
| | 1 | 50-59% of the Students provided more than or equal to 3 Marks in Survey Question |
| | 1 | equal to 3 Marks in Survey Question |

Alumni Survey:

The alumni survey is conducted through the survey questionnaire after graduation towards the achievement of POs. Survey form is structured and assessed

PO Attainment Calculation of AS:**Question Level Calculation:**

$$Q(x) \text{ in \%} = \frac{\text{no. of Students provided more than or equal to 3 Marks in } Q(x)}{\text{no. of Students}} \times 100$$

Where, $x = [1 \text{ to } 25]$, $Q[x] = x^{\text{th}}$ Questions in Alumni Survey

Question Level Attainment:**Alumni Survey Attainment level**

| | | |
|------------------|---|--|
| | 3 | 70% of the Students provided more than or equal to 3 Marks in Survey Question |
| Alumni Survey | 2 | 60-69% of the Students provided more than or equal to 3 Marks in Survey Question |
| (AS) Question | | 50-59% of the Students provided more than or |
| Level Attainment | 1 | equal to 3 Marks in Survey Question |

Program level PO Indirect Attainment Calculation:

$$POm \text{ Indirect Attainment} = (POm \text{ Attainment of PES} \times 0.5) + (POm \text{ Attainment of AS} \times 0.5)$$

Where m = number of Program Outcomes

Overall PO Attainment Calculation:

The Overall PO attainment is calculated by using the following formula:

$$\begin{aligned} \text{Overall } POm \text{ Attainment} &= (POm \text{ Direct Attainment} \times 0.8) \\ &+ (POm \text{ Indirect Attainment} \times 0.2) \end{aligned}$$

3.3.2 Provide results of evaluation of each PO (30)

PO Attainment

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 |
|---------|------|------|------|------|------|------|------|------|------|
| C101T | 1.97 | 0.89 | 0.72 | 0.54 | 0.18 | 0.36 | 0.89 | 0.54 | 1.07 |
| C102T | 2.15 | 0.18 | 2.15 | 0.54 | 1.07 | 0.72 | 0.72 | 0.54 | 2.15 |
| C103T | 2.07 | 1.38 | 0.86 | 0.52 | 1.21 | 1.73 | 1.73 | 1.38 | 1.73 |
| C104T | 1.90 | 1.73 | 0.69 | 0.86 | 0.17 | 1.73 | 2.07 | 0.17 | 2.07 |
| C105T | 0.56 | 0.38 | 0.19 | 0.19 | 1.69 | 2.25 | 1.88 | 2.25 | 0.38 |
| C106RBT | 2.08 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.69 | 1.04 |
| C106RMT | 1.24 | 0.18 | 0.18 | 1.06 | 0.18 | 0.18 | 0.53 | 0.53 | 0.18 |
| C107P | 1.89 | 0.57 | 0.94 | 1.32 | 0.38 | 0.57 | 0.94 | 0.57 | 1.32 |
| C108P | 2.26 | 0.57 | 2.26 | 1.13 | 1.51 | 1.32 | 0.75 | 2.07 | 0.94 |
| C109P | 2.23 | 1.48 | 1.30 | 0.93 | 1.48 | 1.67 | 2.23 | 1.30 | 1.67 |
| C110P | 2.36 | 2.17 | 2.36 | 1.38 | 0.20 | 2.17 | 1.79 | 0.59 | 2.17 |
| C111P | 0.21 | 0.21 | 0.21 | 0.21 | 2.5 | 2.5 | 2.08 | 2.5 | 0.21 |
| C112RBP | 2.25 | 0.19 | 0.19 | 2.25 | 2.5 | 1.5 | 1.5 | 0.19 | 1.5 |
| C121T | 2.15 | 0.36 | 0.18 | 0.54 | 0.18 | 1.61 | 1.97 | 0.18 | 0.72 |
| C122T | 2.10 | 0.18 | 1.93 | 0.35 | 0.35 | 2.1 | 0.53 | 0.18 | 2.1 |
| C123T | 1.9 | 1.73 | 0.69 | 0.86 | 0.17 | 1.73 | 2.07 | 0.17 | 2.07 |
| C124T | 2.0 | 0.83 | 0.67 | 0.67 | 0.5 | 0.33 | 2.0 | 0.67 | 2.0 |
| C125T | 2.25 | 0.56 | 0.19 | 1.5 | 0.19 | 0.19 | 0.38 | 0.19 | 0.75 |
| C126T | 0.72 | 0.18 | 0.90 | 0.18 | 0.36 | 0.18 | 0.18 | 0.18 | 0.18 |
| C127P | 2.44 | 0.41 | 0.2 | 2.03 | 0.2 | 2.03 | 2.44 | 1.83 | 2.44 |
| C128P | 2.11 | 0.53 | 1.23 | 1.06 | 0.18 | 1.94 | 1.41 | 0.18 | 1.76 |
| C129P | 2.26 | 2.07 | 2.26 | 1.32 | 0.19 | 2.07 | 1.89 | 0.75 | 2.07 |
| C130P | 2.08 | 0.21 | 0.21 | 1.88 | 0.21 | 0.21 | 1.67 | 0.21 | 0.21 |
| C231T | 2.06 | 2.25 | 0.56 | 0.75 | 0.19 | 2.06 | 2.25 | 0.19 | 2.25 |
| C232T | 2.71 | 1.13 | 2.71 | 2.71 | 0.68 | 0.68 | 0.23 | 0.90 | 0.23 |
| C233T | 2.07 | 1.21 | 1.38 | 1.38 | 0.69 | 1.73 | 1.55 | 0.69 | 1.38 |
| C234T | 1.74 | 0.52 | 0.35 | 1.74 | 0.35 | 1.22 | 1.91 | 0.17 | 0.52 |
| C235P | 2.17 | 1.99 | 1.99 | 1.27 | 0.18 | 1.99 | 1.81 | 0.54 | 1.81 |
| C236P | 2.23 | 1.48 | 2.23 | 2.23 | 0.19 | 0.56 | 0.56 | 0.37 | 0.19 |
| C237P | 1.58 | 1.06 | 1.41 | 0.88 | 0.88 | 1.41 | 1.06 | 0.53 | 0.18 |
| C238P | 2.48 | 1.65 | 0.83 | 2.48 | 0.41 | 1.03 | 1.24 | 0.41 | 0.62 |
| C241T | 2.16 | 0.18 | 1.8 | 1.08 | 1.08 | 1.08 | 0.72 | 0.18 | 1.62 |
| C242T | 1.90 | 2.07 | 0.52 | 0.69 | 0.17 | 1.9 | 2.07 | 0.17 | 2.07 |
| C243T | 2.25 | 2.06 | 2.06 | 1.5 | 0.19 | 0.56 | 1.5 | 0.38 | 2.25 |
| C244T | 2.06 | 1.5 | 1.13 | 1.13 | 0.38 | 1.69 | 1.13 | 0.75 | 1.31 |
| C245T | 2.25 | 1.5 | 0.56 | 0.56 | 0.19 | 1.69 | 1.88 | 0.19 | 1.88 |
| C246P | 2.36 | 2.17 | 2.17 | 1.38 | 0.2 | 2.17 | 1.97 | 0.59 | 1.97 |
| C247P | 2.51 | 2.09 | 2.51 | 1.47 | 0.36 | 0.84 | 1.68 | 0.84 | 2.3 |
| C248P | 2.38 | 1.98 | 1.19 | 1.59 | 0.4 | 1.59 | 1.98 | 0.6 | 1.19 |
| C249P | 2.33 | 1.74 | 1.94 | 1.94 | 0.19 | 1.16 | 2.13 | 0.19 | 1.74 |
| C351T | 2.0 | 2.18 | 0.54 | 0.73 | 0.18 | 2.0 | 2.18 | 0.18 | 2.18 |
| C352T | 2.25 | 2.06 | 1.88 | 2.06 | 0.56 | 0.56 | 0.56 | 0.56 | 1.13 |

| | | | | | | | | | |
|----------|------|------|------|------|------|------|------|------|------|
| C353T | 2.25 | 0.75 | 0.75 | 0.38 | 0.19 | 2.25 | 2.25 | 0.38 | 2.25 |
| C354T | 2.25 | 1.88 | 0.75 | 0.75 | 0.19 | 1.88 | 1.88 | 0.19 | 2.06 |
| C355T | 2.16 | 0.9 | 0.9 | 0.36 | 0.18 | 0.18 | 2.16 | 0.18 | 2.16 |
| C356P | 2.46 | 2.05 | 1.64 | 2.46 | 0.41 | 0.41 | 0.41 | 0.61 | 1.02 |
| C357P | 2.78 | 2.78 | 1.16 | 0.93 | 0.46 | 0.46 | 2.78 | 0.23 | 2.78 |
| C358P | 2.42 | 2.22 | 2.42 | 2.22 | 0.2 | 1.21 | 2.42 | 0.2 | 2.02 |
| C359P | 3 | 2.5 | 2.5 | 2 | 0.75 | 1.75 | 2.5 | 1.5 | 2.5 |
| C361T | 2.17 | 1.44 | 1.26 | 1.99 | 0.36 | 0.36 | 0.36 | 0.36 | 0.72 |
| C362T | 2.18 | 0.18 | 0.36 | 0.18 | 0.36 | 1.09 | 2 | 0.18 | 0.73 |
| C363T | 2.18 | 2.0 | 1.09 | 0.54 | 0.18 | 2.0 | 1.81 | 0.18 | 2.0 |
| C364T | 1.52 | 1.01 | 1.35 | 0.84 | 0.51 | 1.52 | 1.01 | 0.34 | 0.17 |
| C365T | 2.22 | 1.29 | 0.92 | 1.48 | 1.11 | 1.66 | 1.85 | 0.74 | 1.66 |
| C366T | 2.44 | 2.44 | 2.44 | 2.03 | 0.81 | 0.61 | 1.63 | 0.41 | 2.23 |
| C367P | 2.36 | 1.58 | 1.58 | 1.97 | 0.39 | 0.39 | 0.39 | 0.39 | 0.79 |
| C368P | 2.3 | 0.19 | 1.34 | 1.53 | 0.19 | 0.96 | 2.3 | 0.96 | 0.38 |
| C369P | 2.17 | 2.17 | 2.17 | 1.97 | 0.2 | 1.38 | 2.17 | 0.2 | 2.17 |
| C370P | 2.0 | 1.83 | 2.0 | 1.17 | 0.17 | 1.83 | 1.67 | 0.5 | 1.83 |
| C471T | 2.16 | 0.18 | 1.8 | 0.9 | 0.18 | 1.8 | 0.72 | 0.18 | 2.16 |
| C472T | 2.18 | 1.45 | 2.18 | 0.73 | 0.18 | 0.73 | 0.18 | 0.54 | 0.73 |
| C473T | 2.08 | 2.08 | 2.08 | 0.52 | 0.17 | 1.22 | 0.17 | 1.56 | 1.74 |
| C474T | 2.25 | 1.5 | 2.06 | 1.5 | 0.75 | 0.75 | 1.5 | 0.75 | 2.06 |
| C475P | 2.3 | 0.19 | 1.92 | 2.3 | 0.19 | 1.92 | 0.77 | 0.19 | 1.73 |
| C476P | 2.29 | 0.95 | 1.15 | 0.95 | 0.19 | 0.19 | 2.29 | 0.38 | 1.91 |
| C477P | 3 | 0.5 | 1 | 0.25 | 0.75 | 2 | 2.5 | 0.5 | 1 |
| C481T | 0.51 | 1.35 | 1.35 | 1.18 | 0.17 | 0.85 | 1.02 | 0.51 | 0.85 |
| C482T | 2.16 | 0.72 | 0.72 | 0.36 | 0.18 | 2.16 | 2.16 | 0.18 | 2.16 |
| C484ET | 2.07 | 0.35 | 0.17 | 0.17 | 0.86 | 1.38 | 1.73 | 0.35 | 0.69 |
| C488ET | 2.11 | 1.76 | 1.58 | 1.58 | 0.7 | 0.7 | 1.41 | 0.7 | 1.94 |
| C489PW | 3 | 0.25 | 0.5 | 2.75 | 0.5 | 1.25 | 3 | 1.75 | 0.5 |
| C490P | 2.0 | 1.83 | 2.0 | 1.17 | 0.17 | 1.83 | 1.67 | 0.5 | 1.83 |
| CKVE309T | 0.56 | 0.75 | 0.75 | 0.19 | 1.13 | 0.94 | 0.75 | 1.13 | 0.56 |

PO Attainment Level

| Course | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 |
|---------------------|------|------|------|------|------|------|------|------|------|
| Direct Attainment | 2.08 | 1.22 | 1.26 | 1.18 | 0.49 | 1.27 | 1.50 | 0.59 | 1.44 |
| InDirect Attainment | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| PO Attainment | 2.26 | 1.58 | 1.61 | 1.54 | 0.99 | 1.62 | 1.80 | 1.07 | 1.75 |

4 STUDENTS' PERFORMANCE (180)

Total Marks 144.65

Total Marks 20.00

Table 4.1

| Item | 2022-23 (CAY) | 2021-22 (CAYm1) | 2020-21 (CAYm2) | 2019-20 (CAYm3) | 2018-19 (CAYm4) | 2017-18 (CAYm5) | 2016-17 (CAYm6) |
|--|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Sanctioned intake of the program(N) | 100 | 100 | 100 | 100 | 90 | 90 | 90 |
| Total number of students admitted in first year (N1) | 96 | 100 | 100 | 96 | 89 | 92 | 78 |
| Number of students admitted in 2nd year in the same batch via lateral entry (N2) | 0 | 5 | 2 | 4 | 3 | 2 | 0 |
| Total number of students admitted in the programme(N1 + N2) | 96 | 105 | 102 | 100 | 92 | 94 | 78 |

4.1 Enrolment Ratio (20)

Institute Marks : 20.00

| | N (From Table 4.1) | N1 (From Table 4.1) | Enrollment Ratio [(N1/N)*100] |
|---------|--------------------|---------------------|-------------------------------|
| 2022-23 | 100 | 96 | 96.00 |
| 2021-22 | 100 | 100 | 100.00 |
| 2020-21 | 100 | 100 | 100.00 |

Average [(ER1 + ER2 + ER3) / 3] : 98.67

Assessment : 20.00

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

Total Marks 35.10

Table 4.2

| 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 |
| 2022-23 (CAY) | 96 | | | | |
| 2021-22 (CAYm1) | 105 | 59 | | | |
| 2020-21 (CAYm2) | 102 | 90 | 70 | | |
| 2019-20 (CAYm3) | 100 | 70 | 68 | 65 | |
| 2018-19 (LYG) | 92 | 78 | 72 | 72 | 72 |
| 2017-18 (LYGm1) | 94 | 68 | 64 | 64 | 64 |
| 2016-17 (LYGm2) | 78 | 53 | 50 | 49 | 48 |

Table 4.3

| 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 in stipulated period of study) [Total of with Backlog + without Backlog] | | | |
|-----------------|--|--|---------|----------|---------|
| | | I year | II year | III year | IV year |
| 2022-23 (CAY) | 96 | | | | |
| 2021-22 (CAYm1) | 105 | 100 | | | |
| 2020-21 (CAYm2) | 102 | 100 | 99 | | |
| 2019-20 (CAYm3) | 100 | 96 | 95 | 92 | |
| 2018-19 (LYG) | 92 | 89 | 82 | 82 | 73 |
| 2017-18 (LYGm1) | 94 | 92 | 84 | 78 | 64 |
| 2016-17 (LYGm2) | 78 | 78 | 64 | 63 | 53 |

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

Institute Marks : 20.70

| Item | Latest Year of Graduation, LYG (2018-19) | Latest Year of Graduation minus 1, LYGm1 (2017-18) | Latest Year of Graduation minus 2, LYGm2 (2016-17) |
|---|--|--|--|
| X Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry | 92.00 | 94.00 | 78.00 |
| Y Number of students who have graduated without backlogs in the stipulated period | 72.00 | 64.00 | 48.00 |
| Success Index [SI = Y / X] | 0.78 | 0.68 | 0.62 |

Average SI [(SI1 + SI2 + SI3) / 3] : 0.69

Assessment = 30 * Average SI : 20.70

4.2.2 Success rate in stipulated period (20)

Institute Marks : 14.40

| Item | Latest Year of Graduation, LYG (2018-19) | Latest Year of Graduation minus 1, LYGm1 (2017-18) | Latest Year of Graduation minus 2 LYGm2 (2016-17) |
|---|--|--|---|
| X Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry | 92.00 | 94.00 | 78.00 |
| Y Number of students who have graduated in the stipulated period | 73.00 | 64.00 | 53.00 |
| Success Index [SI = Y / X] | 0.79 | 0.68 | 0.68 |

Average SI [(SI1 + SI2 + SI3) / 3] : 0.72

Assessment = 20 * Average SI : 14.40

Note : If 100% students clear without any backlog then also total marks scored will be 40 as both 4.2.1 & 4.2.2 will be applicable simultaneously.

4.3 Academic Performance in Final Year (10)

Total Marks 6.20

Institute Marks : 6.20

| Academic Performance | 2018-19 (LYG) | 2017-18 (LYGm1) | 2016-17 (LYGm2) |
|---|---------------|-----------------|-----------------|
| Mean of CGPA or mean percentage of all successful students(X) | 7.41 | 7.32 | 7.12 |
| Total number of successful students(Y) | 73.00 | 64.00 | 53.00 |
| Total number of students appeared in the examination(Z) | 82.00 | 78.00 | 63.00 |
| API [X*(Y/Z)]: | 6.60 | 6.01 | 5.99 |

Average API [(AP1 + AP2 + AP3)/3] : 6.20

Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] : 6.20

4.4 Academic Performance in Third Year (10)

Total Marks 7.17

Institute Marks : 7.17

| Academic Performance | CAYm3 (2019-20) | LYG (2018-19) | LYGm1 (2017-18) |
|---|-----------------|---------------|-----------------|
| Mean of CGPA or mean percentage of all successful students(X) | 7.60 | 7.45 | 7.23 |
| Total number of successful students (Y) | 92.00 | 82.00 | 78.00 |
| Total number of students appeared in the examination (Z) | 95.00 | 82.00 | 84.00 |
| API [X * (Y/Z)] | 7.36 | 7.45 | 6.71 |

Average API [(AP1 + AP2 + AP3)/3] : 7.17

Academic Performance = Average API [(AP1 + AP2 + AP3)/3] : 7.17

4.5 Academic Performance in Second Year (10)

Total Marks 7.01

Institute Marks : 7.01

| Academic Performance | 2020-21 (CAYm2) | 2019-20 (CAYm3) | 2018-19 (LYG) |
|---|-----------------|-----------------|---------------|
| Mean of CGPA or mean percentage of all successful students(X) | 7.62 | 7.50 | 7.30 |
| Total number of successful students(Y) | 99.00 | 95.00 | 82.00 |
| Total number of students appeared in the examination(Z) | 102.00 | 100.00 | 92.00 |
| API [X*(Y/Z)]: | 7.40 | 7.12 | 6.51 |

Average API [(AP1 + AP2 + AP3)/3] : 7.01

Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] : 7.01

4.6 Academic Performance in First Year (20)

Total Marks 15.17

| Academic Performance | 2021-22 (CAYm1) | 2020-21 (CAYm2) | 2019-20 (CAYm3) |
|---|-----------------|-----------------|-----------------|
| Mean of CGPA or mean percentage of all successful students(X) | 7.73 | 7.60 | 7.42 |
| Total number of successful students(Y) | 100.00 | 100.00 | 96.00 |
| Total number of students appeared in the examination(Z) | 100.00 | 100.00 | 96.00 |
| API [$X \cdot (Y/Z)$]: | 7.73 | 7.60 | 7.42 |

Average API [$(AP1 + AP2 + AP3)/3$] : 7.58

Academic Performance = Average API = [$(AP1 + AP2 + AP3)/3$] : 7.58

4.7 Placement and Higher Studies (40)

Total Marks 34.00

Institute Marks : 34.00

| Item | 2018-19 (LYG) | 2017-18 (LYGm1) | 2016-17 (LYGm2) |
|--|---------------|-----------------|-----------------|
| Total No of Final Year Students(N) | 82.00 | 78.00 | 63.00 |
| Number of students placed in Industries/ Hospitals/ Government sector through on/off campus recruitment or opted for Entrepreneurship(x) | 39.00 | 37.00 | 32.00 |
| No. of students admitted to higher studies with valid scores in various qualifying exams(y) | 34.00 | 27.00 | 21.00 |
| Placement Index [$(X + Y)/N$] : | 0.89 | 0.82 | 0.84 |

Average Placement [$(X + Y)/N$] : 0.85

Assessment [$40 \cdot \text{Average Placement}$] : 34.00

4.8 Professional Activities (20)

Total Marks 20.00

| Nature of Activity | Title of activity | Date/Venue | Associated Professional Society/Body | No. of students/ Volunteers participated (yurved.) |
|---|--|--|--|--|
| CAY(2022-23) | | | | |
| FDPs | Universal human values and Professional Ethics | January 10-17 2023, | BBDNIIT | 35 |
| Conferences/Seminars/ Workshops | 1. Workshop on Successful Career Planning, Higher Education & Technical Profile Building 2. Workshop on "Product Development using CAD/CAM Software" | 07.11.2022 23.11.2022 to 24.11.2022 | BBDNIIT | 78 56 |
| Entrepreneurship/ Start-ups | 1. Seminar on Cyber Security Awareness & its Emerging Trends 2. Expert talk on Indian Start-up Ecosystem 3. Ideathon | 05.12.2022 12.12.2022 08.02.2023 | BBDNIIT | 84 76 54 |
| NSS activity | 1. Teacher's day 2. Gandhi Jayanti 3. International women's day 4. Akhil Jyot | 05.09.2022 02.10.2022 08.03.2023 12.04.2023 | BBDNIIT | 234 211 76 all |
| World Pharmacist's Day, 2022 | 1. Banner making competition 2. Model making competition 3. Label making competition 4. Poster making competition | 25.09.2022 | Faculty of Pharmacy, BBDNIIT | 18 25 32 28 |
| National Pharmacy Week-2022 | 1. Collage Making 2. Logo designing 3. Notice board decoration 4. Pot decoration 5. Pencil sketching and drawing 6. Best out of waste 7. Glass painting 8. In-door games-Carom 9. Quiz competition | 21.11.2022 to 23.11.2022 | Faculty of Pharmacy, BBDNIIT, and School of Pharmacy, BBDU | 06 06 09 11 04 08 02 13 05 |
| Dr. Abdul Kalam Sports Fest, SR Institute of Management and Technology, Lucknow | 1. Athletics, kho-kho | 14.09.2022 to 15.09.2022 | Dr. APJ Abdul Kalam Technical University, Lucknow | 06 |

| | | | | |
|---------------|---|--|--|-----|
| Pharmacy Club | 1. Health Check-up Camp 2. Blood Donation Camp 3. International Women's Day | 22.11.2022 22.11.2022 08.03.2023 | Faculty of Pharmacy, BBDNIIT, and School of Pharmacy, BBDU | 186 |
| | | | | 108 |
| | | | | 56 |



Blood Donation, Pharmacy Week, Rangoli, Carom



Notice Board Decoration, best out of Waste, Health Checkup, Essay Writing, Cultural Events, and Price Distribution events



Model Making and Poster Making Competition



Akhil Jyot (NSS activity)

| Nature of Activity | Title of Activity | Date/Venue | | No. of students/ Volunteers Associated Professional Society/Body participated (yurved.) |
|------------------------------------|--|----------------|---------------------------------|---|
| CAYm1(2021-22) | | | | |
| FDPs | Universal human values and Professional Ethics | 1-8 July 2021, | BBDNIIT | 20 |
| Conferences/Seminars/ Workshops | 1. Workshop on Python with ML | 27.04.2022 | BBDNIIT | 37 |
| Entrepreneurship/ Start-ups | 1. Awareness Session of ED Cell in BBDNIIT 2. Seminar on Developing innovative ideas into Successful Business Start-ups | 25.02.2022 | BBDNIIT | 76 |
| | | 04.03.2022 | | 119 |
| Pharmacy Club | 1. Tree plantation 2. Cleanliness drive 3. Blood Donation Camp | 05.06.2022 | Faculty of Pharmacy, BBDNIIT | 28 |
| | | 24.11.2021 | | 87 103 |
| NSS activity | 1. Teacher's day 2. Gandhi Jayanti 3. International women's day 4. Akhil Jyot | 05.09.2021 | BBDNIIT | 156 |
| | | 02.10.2021 | | 187 |
| | | 08.03.2022 | | 48 |
| | | 12.04.2022 | | All |
| World Pharmacist's Day, 2021 | 1. Banner making competition 2. Debate 3. Poster making competition 4. Health Check-up | 25.09.2022 | Faculty of Pharmacy, BBDNIIT | 12 08 17 128 |

| | | | | |
|---|--|--------------------------------|--|----------------------------------|
| National Pharmacy Week-2021 | 1. Chess 2. Quiz 3. Label designing 4. Notice board decoration 5. Ludo 6. Carom | 24.11.2021 to 26.11.2021 | Faculty of Pharmacy, BBDNIIT, and School of Pharmacy, BBDU | 05 03 02 08 07 03 |
| Dr. Abdul Kalam Sports Fest at Shri Ram Swaroop memorial college of Engg. And Management, Lucknow | 1. Discus throw | 22.11.2021 to 23.11.2021 | Dr. APJ Abdul Kalam Technical University, Lucknow | 01 |
| Swachh Bharat Abhiyaan | 1. Save and restore our beloved mother earth pledge | 25.06.2021 | National commission for women | 01 |



Chess, Ludo, Carom, Notice Board Decoration



Blood Donation Camp, Cultural Event, Notice Board Decoration and Akhil Jyot

| Nature of Activity | Title of Activity | Date/Venue | Associated Professional Society/Body | No. of students/ Volunteers participated (yurved.) |
|---|--|-------------|--------------------------------------|--|
| CAYm2(2020-21) | | | | |
| FDPs | NIL due to COVID-19 | ---- | ---- | ---- |
| Conferences/Seminars/ Workshops | NIL due to COVID-19 | ---- | ---- | ---- |
| Entrepreneurship/ Start-ups | 1. Virtual Inaugural Ceremony. | 09.01.2021 | BBDNIIT | 128 |
| | 2. Webinar on Social Business Opportunities for Youth Entrepreneurship. | 09.01.2021 | | 143 |
| | 3. Webinar on "Preparing the Launch Pad for Start-ups" | 22.01. 2021 | | 104 |
| | 4. Webinar on " Start-ups to be the 'New Normal' After Pandemic in India | 12.06.2021 | | 126 |
| | 5. Webinar on Entrepreneurship and Opportunities at Present Scenario | 20.06.2021 | | 151 |
| Build a face recognition application using python as a part of AI-For-India event | Face recognition | 25.04.2021 | AI-For-India event | 01 |

| | | | | |
|---------------|--|------------|--|-----|
| Pharmacy Club | 1. Talk on mental health and Covid-19 2. Talk on PPE kit and its safe disposal methods. | 25.09.2020 | Faculty of Pharmacy, BBDNIIT, and School of Pharmacy, BBDU | 136 |
| | | 22.11.2020 | | 128 |

CAY (2022-2023)

| Name of student | Event | Activity | Organized by | Awards |
|----------------------|-------------------------------|--------------------------------|----------------|--------------|
| Taroon Aditya | National Pharmacy Week | Collage Making | BBDU & BBDNIIT | Participated |
| Sakshi Kant | National Pharmacy Week | Collage Making | BBDU & BBDNIIT | Participated |
| Sudiksha Bharti | National Pharmacy Week | Collage Making | BBDU & BBDNIIT | Participated |
| Balkesh Kumar | National Pharmacy Week | Collage Making | BBDU & BBDNIIT | Participated |
| Awadesh Kumar | National Pharmacy Week | Collage Making | BBDU & BBDNIIT | Participated |
| Sakib Khan | National Pharmacy Week | Collage Making | BBDU & BBDNIIT | Participated |
| Km Monee | National Pharmacy Week | Logo designing | BBDU & BBDNIIT | Participated |
| Ishika Singh Parmar | National Pharmacy Week | Logo designing | BBDU & BBDNIIT | Participated |
| Aman Tiwari | National Pharmacy Week | Logo designing | BBDU & BBDNIIT | Participated |
| Dixa Baudh | National Pharmacy Week | Logo designing | BBDU & BBDNIIT | Participated |
| Priyesh Kumar Gond | National Pharmacy Week | Logo designing | BBDU & BBDNIIT | Participated |
| Rohan Sharma | National Pharmacy Week | Logo designing | BBDU & BBDNIIT | Participated |
| Sharmila Kaushal | National Pharmacy Week | Notice board decoration | BBDU & BBDNIIT | Participated |
| Nishtha | National Pharmacy Week | Notice board decoration | BBDU & BBDNIIT | Participated |
| Priyanka Kumari | National Pharmacy Week | Notice board decoration | BBDU & BBDNIIT | Participated |
| Ram Ji Mishra | National Pharmacy Week | Notice board decoration | BBDU & BBDNIIT | Participated |
| Rahul Tiwari | National Pharmacy Week | Notice board decoration | BBDU & BBDNIIT | Participated |
| Seema Adhikari | National Pharmacy Week | Notice board decoration | BBDU & BBDNIIT | Third prize |
| Pallavi Kaushadhan | National Pharmacy Week | Notice board decoration | BBDU & BBDNIIT | Third prize |
| Pradeep Singh | National Pharmacy Week | Notice board decoration | BBDU & BBDNIIT | Third prize |
| Durgesh Kumar Singh | National Pharmacy Week | Notice board decoration | BBDU & BBDNIIT | Third prize |
| Garima Singh Chauhan | National Pharmacy Week | Pot decoration | BBDU & BBDNIIT | Participated |
| Rituparna | National Pharmacy Week | Pot decoration | BBDU & BBDNIIT | Participated |
| Nishtha | National Pharmacy Week | Pot decoration | BBDU & BBDNIIT | Participated |
| Sharmila Kaushal | National Pharmacy Week | Pot decoration | BBDU & BBDNIIT | Participated |
| Sakshi Kant | National Pharmacy Week | Pot decoration | BBDU & BBDNIIT | Participated |
| Taroon Aditya | National Pharmacy Week | Pot decoration | BBDU & BBDNIIT | Participated |
| Shreya Singh | National Pharmacy Week | Pot decoration | BBDU & BBDNIIT | Participated |
| Mohd Zubair | National Pharmacy Week | Pot decoration | BBDU & BBDNIIT | Participated |

| | | | | |
|---------------------|--|-------------------------------------|----------------|--------------|
| Priyesh Kumar Gond | National Pharmacy Week | Pot decoration | BBDU & BBDNIIT | Participated |
| Vikram Singh | National Pharmacy Week | Pot decoration | BBDU & BBDNIIT | Participated |
| Garima Verma | National Pharmacy Week | Pot decoration | BBDU & BBDNIIT | First prize |
| Shivam Singh | National Pharmacy Week | Carrom | BBDU & BBDNIIT | Participated |
| Balkesh Kumar | National Pharmacy Week | Carrom | BBDU & BBDNIIT | Participated |
| Sakib Khan | National Pharmacy Week | Carrom | BBDU & BBDNIIT | Participated |
| Awadesh Kumar | National Pharmacy Week | Carrom | BBDU & BBDNIIT | Participated |
| Km Monee | National Pharmacy Week | Carrom | BBDU & BBDNIIT | Participated |
| Vishal Chaudhary | National Pharmacy Week | Carrom | BBDU & BBDNIIT | Participated |
| Vikas Jaiswal | National Pharmacy Week | Carrom | BBDU & BBDNIIT | Participated |
| Vishal Chaudhary | National Pharmacy Week | Carrom | BBDU & BBDNIIT | First prize |
| Tanuj Kumar Singh | National Pharmacy Week | Carrom | BBDU & BBDNIIT | Participated |
| Safdar Jamal | National Pharmacy Week | Carrom | BBDU & BBDNIIT | Participated |
| Rahul Tiwari | National Pharmacy Week | Carrom | BBDU & BBDNIIT | Participated |
| Mohammad Ahmad | National Pharmacy Week | Carrom | BBDU & BBDNIIT | Participated |
| Aryan Patel | National Pharmacy Week | Carrom | BBDU & BBDNIIT | Second Prize |
| Km Monee | National Pharmacy Week | Quiz | BBDU & BBDNIIT | Participated |
| Anshu Shukla | National Pharmacy Week | Quiz | BBDU & BBDNIIT | Participated |
| Ram Ji Mishra | National Pharmacy Week | Quiz | BBDU & BBDNIIT | Participated |
| Sakshi Kant | Padma Awards Quiz | Quiz | BBDU & BBDNIIT | Participated |
| Devendra | National Pharmacy Week | Quiz | BBDU & BBDNIIT | First Prize |
| Seema Adhikari | National Pharmacy Week | Pencil sketching and drawing | BBDU & BBDNIIT | Participated |
| Peeyush Verma | Pencil sketching and drawing, National Pharmacy Week | Pencil sketching and drawing | BBDU & BBDNIIT | Participated |
| Sakshi Kant | Pencil sketching and drawing, National Pharmacy Week | Pencil sketching and drawing | BBDU & BBDNIIT | Participated |
| Priyesh Kumar Gond | Pencil sketching and drawing, National Pharmacy Week | Pencil sketching and drawing | BBDU & BBDNIIT | Participated |
| Vaishali Kaushal | National Pharmacy Week | Best out of waste | BBDU & BBDNIIT | Participated |
| Seema Adhikari | National Pharmacy Week | Best out of waste | BBDU & BBDNIIT | Participated |
| Durgesh Kumar Singh | National Pharmacy Week | Best out of waste | BBDU & BBDNIIT | Second prize |
| Shubham Maurya | National Pharmacy Week | Best out of waste | BBDU & BBDNIIT | Participated |
| Rohan Sharma | National Pharmacy Week | Best out of waste | BBDU & BBDNIIT | Participated |
| Dixa Baudh | National Pharmacy Week | Best out of waste | BBDU & BBDNIIT | Participated |
| Sayed Zoya | National Pharmacy Week | Best out of waste | BBDU & BBDNIIT | Participated |
| Akansha Singh | National Pharmacy Week | Best out of waste | BBDU & BBDNIIT | Third prize |
| Sudikha Bharti | National Pharmacy Week | Glass painting | BBDU & BBDNIIT | Participated |
| Ayushi Verma | National Pharmacy Week | Glass painting | BBDU & BBDNIIT | Participated |

| | | | | |
|------------------------|---|--------------------------------|----------------|--------------|
| Aditya Nath Prajapati | National Pharmacy Week | Chess | BBDU & BBDNIIT | Second prize |
| CAYm1 (2021-22) | | | | |
| Riya Gupta | Certificate of Academic Excellence | Academic | BBDU & BBDNIIT | Participated |
| Aryan Patel | Certificate of Academic Excellence | Academic | BBDU & BBDNIIT | Participated |
| Zoya Parveen | Certificate of Academic Excellence | Academic | BBDU & BBDNIIT | Participated |
| Garima Verma | Certificate of Academic Excellence | Academic | BBDU & BBDNIIT | Participated |
| Pragati Rai | Certificate of Academic Excellence | Academic | BBDU & BBDNIIT | Participated |
| Mohd. Ayan | Certificate of Academic Excellence | Academic | BBDU & BBDNIIT | Participated |
| Sakshi Kant | National Pharmacy Week | Blood donation | BBDU & BBDNIIT | Participated |
| Anupama Kumari | Chess, National Pharmacy Week | Chess | BBDU & BBDNIIT | Participated |
| Km Priyanka | Chess, National Pharmacy Week | Chess | BBDU & BBDNIIT | Participated |
| Satyapal | Chess, National Pharmacy Week | Chess | BBDU & BBDNIIT | Participated |
| Shweta Singh | Chess, National Pharmacy Week | Chess | BBDU & BBDNIIT | Participated |
| Anupama Kumari | National Pharmacy Week | Creative writing | BBDU & BBDNIIT | Second prize |
| Anupama Kumari | National Pharmacy Week | Quiz | BBDU & BBDNIIT | Participated |
| Km Monee | National Pharmacy Week | Quiz | BBDU & BBDNIIT | Participated |
| Anita Patel | National pharmacy week | Quiz | BBDU & BBDNIIT | Participated |
| Anupama Kumari | National Pharmacy Week | Label designing | BBDU & BBDNIIT | First prize |
| Anita Patel | National Pharmacy Week | Label designing | BBDU & BBDNIIT | Participated |
| Anupama Kumari | National Pharmacy Week | Notice board decoration | BBDU & BBDNIIT | Participated |
| Akriti Singh | National Pharmacy Week | Notice board decoration | BBDU & BBDNIIT | Participated |
| Km Monee | National Pharmacy Week | Notice board decoration | BBDU & BBDNIIT | Participated |
| Pradeep Kumar Singh | National Pharmacy Week | Notice board decoration | BBDU & BBDNIIT | Second prize |
| Pallavi Kausadhan | National Pharmacy Week | Notice board decoration | BBDU & BBDNIIT | Second prize |
| Anita Patel | National Pharmacy Week | Notice board decoration | BBDU & BBDNIIT | Participated |
| Seema Adhikari | National Pharmacy Week | Notice board decoration | BBDU & BBDNIIT | Second prize |
| Shweta Singh | National Pharmacy Week | Notice board decoration | BBDU & BBDNIIT | Participated |
| Shweta Singh | National Pharmacy Week | Ludo | BBDU & BBDNIIT | Participated |
| Deeksha Tiwari | National Pharmacy Week | Ludo | BBDU & BBDNIIT | Participated |
| Apurva Dubey | National Pharmacy Week | Ludo | BBDU & BBDNIIT | Participated |
| Aradhya Sahu | National Pharmacy Week | Ludo | BBDU & BBDNIIT | Participated |
| Shreya Sahu | National Pharmacy Week | Ludo | BBDU & BBDNIIT | Participated |
| Ayushi Verma | National Pharmacy Week | Ludo | BBDU & BBDNIIT | Participated |
| Km Monee & 50 others | National Pharmacy Week | Ludo | BBDU & BBDNIIT | Participated |
| Ayushi Verma | National Pharmacy Week | Carrom | BBDU & BBDNIIT | Participated |
| Deeksha Tiwari | National Pharmacy Week | Carrom | BBDU & BBDNIIT | Participated |

| | | | | |
|-------------------------|--|---------------------------|--|--------------|
| Bhanu Pratap Singh | National Pharmacy Week | Carrom | BBDU & BBDNIIT | Second prize |
| Richa Vishwakarma | National Pharmacy Week | Theme poster | BBDU & BBDNIIT | Participated |
| Rahul Tiwari | National Pharmacy Week | Just three minutes | BBDU & BBDNIIT | Second prize |
| Vishal Chaudhary | National Pharmacy Week | Just three minutes | BBDU & BBDNIIT | Participated |
| CAY m2 (2020-21) | | | | |
| Sakshi Kant | Essay writing competition, Wild life week fiesta, Dept of chemistry in association with association of chemistry teachers, north zone, Lucknow | Essay writing competition | BBDU & BBDNIIT | Participated |
| Anupama Kumari | Essay writing competition, Wild life week fiesta, Dept of chemistry in association with association of chemistry teachers, north zone, Lucknow | Essay writing competition | BBDU & BBDNIIT | Participated |
| Anupama Kumari | National pharmacy week | Notice board decoration | BBDU & BBDNIIT | Second prize |
| Anupama Kumari | National pharmacy week | Label designing | BBDU & BBDNIIT | First prize |
| Anita Patel | National pharmacy week | Notice board decoration | BBDU & BBDNIIT | Second prize |
| Durgesh Kumar Singh | National pharmacy week | Rangoli | BBDU & BBDNIIT | Third prize |
| Pradeep Singh | National pharmacy week | Rangoli | BBDU & BBDNIIT | Participated |
| Seema Adhikari | Blood donation at Dr Ram Manohar Lohia combined Hospital | Blood donation | Dr Ram Manohar Lohia combined Hospital | Participated |



Pharmacy Week 2022-2023

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

Institute Marks : 5.00

PHARMAZEAL (Newsletter)

We at Pharmazeal are thrilled to share the exciting happenings every year. We are educating the public on the invaluable services offered by pharmacists. In addition, we organize various plantation drives to promote environmental awareness and sustainability. We also team up with local hospitals to host blood donation camps. Furthermore, we feature a collection of student articles, including poetry that showcases their creative talents. We hope Pharmazeal inspires you to participate in similar events and opportunities that positively impact society.



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

Institute Marks : 10.00

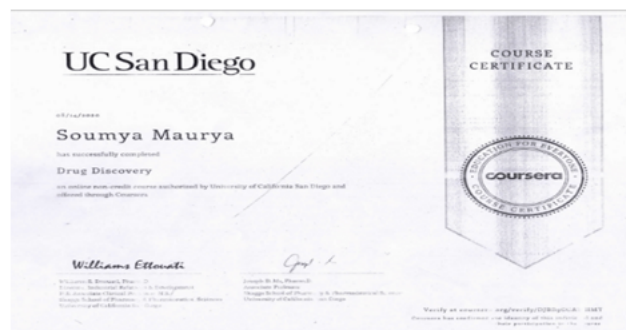
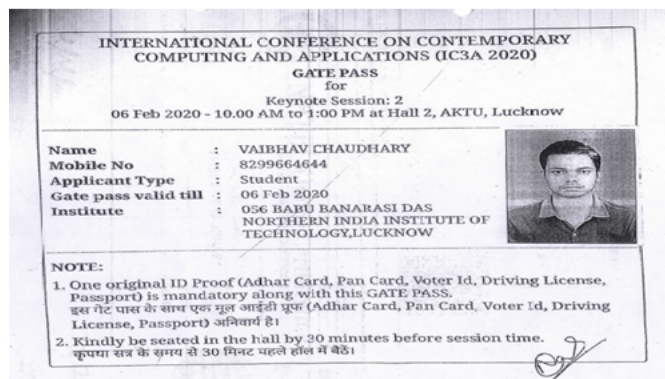
| Sr. No. | Name of the Student | Activity | Organized By | Participation/Awards |
|---------|---------------------|-----------------------|--|--------------------------|
| 1. | Girish Iyer | NPW, Quiz competition | BBDNIIT and BBDU, Lucknow on 21-23 Nov 2022. | 1 st Position |

| Sr. No. | Name of the Student | Activity | Organized By | Participation/Awards |
|---------|--------------------------------------|--|---|--------------------------|
| 1. | Aman Tiwari | AI-For-India event (Build a face recognition application using Python) | AI-For-India event (Build a face recognition application using Python). | Participated |
| 2. | Khushi Paliwal | Attended End-User Awareness session on 'Navigating E-Books on Cambridge Core' | Cambridge University Press through Nalanda E-Consortium. | Participated |
| 3. | Umesh Kumar | National pharmacy week- Just three min | BBDNIIT/BBDU, Lucknow on Nov 2021. | 2 nd Position |
| 4. | Rajshri Yadav (B. Pharm III year) | Role of Pharmaceutical Sciences in Pandemic Era" Transformation & Survival in Post-International Conference 2022 | Organized by Dr APJ Abdul Kalam Technical University, Uttar Pradesh, Lucknow. | Certification |

| Sr. No. | Name of the Student | Activity | Organized By | Participation/Awards |
|---------|---------------------|---|---|--------------------------|
| 1. | Aman Tiwari | AI-For-India event (Build a face recognition application using Python) | AI-For-India event (Build a face recognition application using Python). | Participated |
| 2. | Khushi Paliwal | Attended End-User Awareness session on 'Navigating e-Books on Cambridge Core' | Cambridge University Press through Nalanda E-Consortium. | Participated |
| 3. | Umesh Kumar | National pharmacy week- Just three min | BBDNIIT/BBDU, Lucknow on Nov 2021. | 2 nd Position |

| Sr. No. | Name of the Student | Activity | Organized By | Participation/Awards |
|---------|-----------------------|---|--|----------------------|
| 1 | Mr. Vaibhav Chaudhary | "Role of Intellectual Property Protection in Aatmanirbhar Bharat Abhiyaan" | Dr. A. P. J. Abdul Kalam Technical. University, Uttar Pradesh, Lucknow on 18/08/2020. | Participated |
| 2 | Mr. Vaibhav Chaudhary | "International Webinar on Nanotechnology: Introduction and Application in Wood Products Research" | RKGIT, Ghaziabad, U.P. on 18/08/2020. | Participated |
| 3 | Ms. Saumya Maurya | "Introduction to Molecular Spectroscopy" | Course authorized by University of Minnesota and offered through Coursera on 03/09/2020. | Participated |

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|----|-------------------------|---|--|--|
| 4 | Mr. Vaibhav Chaudhary | "Steps for Building Institutional Innovation System for Aatmanirbhar Bharat Abhiyaan" | Dr. A. P. J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow on 09/09/2020. | Participated |
| 5 | Mr. Vaibhav Chaudhary | "Altered Lifestyle: Neurological and Cardiovascular Complications" | NIPER-Ahmedabad on 11/09/2020. | Participated |
| 6 | Mr. Abhishek Chitranshi | CliMed Pharma Quiz 2020 on World Pharmacist Day | CliMed Research Solution-India on 25/09/2020. | 2 nd Position |
| 7 | Mr. Abhishek Chitranshi | 5 days National level quiz program on "You must be the change you wish to see in the world" | Bharat Pharmaceutical Technology on 2 nd to 6 th Oct 2020. | Participated |
| 8 | Ms. Hriti Tejwani | "Label Making Competition" | DIPSAR, New Delhi on 59 th National Pharmacy week from 16-23 Nov 2020. | Participated |
| 9 | Mr. Abhishek Chitranshi | "Pharmaceutical and Medical Device Innovation" Online course | Course authorized by University of Minnesota and offered through coursera on 22/12/2020. | Participated |
| 10 | Mr. Abhishek Chitranshi | "International Symposium on Medication Therapy Management" | CliMed Research Solutions in collaboration with Indian Pharmaceutical Association, World Youth Heart Federation-India, and Association for Community Pharmacists. in India on 2 nd -3 rd Jan 2021. | Participated/Member Organizing team support |
| 11 | Mr. Abhishek Chitranshi | "Certificate Course in Medical Complexity and Errors (CCMCE)*Duration-45 Days | CliMed Research Solution-India on 05/Jan/2021. | Participated/Member-Organizing team support. |
| 12 | Mr. Vaibhav Chaudhary | Quiz on Vaccines Save Lives" | Ministry of Health & Family Welfare & MyGov. | Participated |



Certificate of Student in Seminars & Conferences

| Name | PAN No. | University Degree | Date of Receiving Degree | Area of Specialization | Research Paper Publications | Ph.D Guidance | Faculty receiving Ph.D during the assessment year | Current Designation | Date (Designated as Prof/Assoc. Prof.). | Initial Date of Joining | Association Type | A w l l |
|---------------------------------|------------|-------------------|--------------------------|--------------------------|-----------------------------|---------------|---|---------------------|---|-------------------------|------------------|---------|
| Prof. (Dr.) Shailendra K. Saraf | ANFPS0162F | M.Pharm and Ph.D | 16/04/2005 | Pharmaceutical Chemistry | 9 | 0 | 1 | Professor | 02/01/2006 | 01/03/2001 | Regular | Y |
| Prof. (Dr.) Ravi Khare | AIRPK3858P | M.Sc and Ph.D | 02/03/1998 | Chemistry | 4 | 0 | 0 | Professor | 22/10/2008 | 22/09/1998 | Regular | Y |
| Dr. Sanjiv Kumar Chaudhri | ADMPC4529R | M.Pharm and Ph.D | 15/03/2021 | Pharmaceutics | 4 | 0 | 0 | Professor | 02/08/2021 | 04/02/2013 | Regular | Y |
| Dr. Gul Naz Fatima | AAVPF0806E | M.Pharm and Ph.D | 17/01/2022 | Pharmaceutical Chemistry | 7 | 0 | 0 | Professor | 01/09/2022 | 20/04/2016 | Regular | Y |
| Dr. Priyanka Maurya | BFQPM0810L | M.Pharm and Ph.D | 24/08/2022 | Pharmaceutics | 15 | 0 | 0 | Professor | 01/09/2022 | 23/12/2009 | Regular | Y |
| Dr. Shradha Bisht | AMRPB2024N | M.Pharm and Ph.D | 01/07/2013 | Pharmacology | 2 | 0 | 0 | Associate Professor | 29/09/2020 | 29/06/2020 | Regular | N |
| Dr. Shekhar Singh | DZAPS0109E | M.Pharm and Ph.D | 10/11/2018 | Pharmaceutics | 0 | 0 | 0 | Associate Professor | 01/11/2019 | 09/01/2019 | Regular | Y |
| Ms. Neelam Datt | AMFPD1006J | M.Pharm | 16/10/2006 | Pharmaceutics | 1 | 0 | 0 | Associate Professor | 01/08/2016 | 06/11/2006 | Regular | Y |
| Mr. Vishwambhar Mishra | BKLPM9304H | M.Pharm | 25/12/2010 | Pharmacology | 0 | 0 | 0 | Associate Professor | 01/11/2019 | 31/01/2011 | Regular | Y |
| Ms. Pallavi Tripathi | AGRPT8914D | M.Pharm | 25/12/2009 | Pharmacognosy | 0 | 0 | 0 | Associate Professor | 01/08/2022 | 11/02/2020 | Regular | Y |
| Ms. Geeta Mishra | BDNPM7674P | M.Pharm | 01/08/2011 | Pharmaceutical Chemistry | 0 | 0 | 0 | Associate Professor | 01/08/2022 | 24/08/2018 | Regular | Y |
| Dr. Ila Dixit | ERRPS4859F | M.Pharm and Ph.D | 19/08/2019 | Pharmacology | 0 | 0 | 0 | Associate Professor | | 16/09/2021 | Regular | N |
| Dr. Vishakha Jaiswal | AREPJ5329C | M.Pharm and Ph.D | 21/12/2019 | Pharmaceutics | 5 | 0 | 0 | Associate Professor | 01/03/2022 | 01/11/2021 | Regular | Y |
| Ms. Samiksha Srivastava | DZFPS5703H | M.Pharm | 01/11/2013 | Pharmaceutical Chemistry | 0 | 0 | 0 | Assistant Professor | | 20/06/2016 | Regular | Y |
| Ms. Neelam Mishra | CNWPM0485Q | M.Pharm | 06/07/2013 | Pharmaceutical Chemistry | 0 | 0 | 0 | Assistant Professor | | 24/01/2019 | Regular | Y |
| Ms. Deepti Tripathi | BJYPT4210R | M.Pharm | 01/08/2015 | Pharmaceutics | 1 | 0 | 0 | Assistant Professor | | 21/01/2019 | Regular | Y |
| Ms. Nida M. Siddiqui | FKNPS4308K | M.Pharm | 05/11/2012 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 01/12/2021 | Regular | Y |
| Ms. Priyanka Prajapati | CZAPP2131E | M.Pharm | 01/12/2016 | Pharmacology | 0 | 0 | 0 | Assistant Professor | | 21/04/2017 | Regular | Y |
| Ms. Alka | ATSPA7042B | M.Pharm | 10/11/2014 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 23/08/2017 | Regular | Y |
| Ms. Supriya Singh | FLRPS9990A | M.Pharm | 12/11/2016 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 02/05/2018 | Regular | Y |
| Ms. Anushri Prakash | CPGPP4957Q | M.Pharm | 07/06/2019 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 01/08/2019 | Regular | Y |
| Ms. Saumya Shukla | EGRPS9681G | M.Pharm | 24/02/2018 | Pharmaceutical Chemistry | 0 | 0 | 0 | Assistant Professor | | 21/01/2019 | Regular | Y |
| Ms. Kartika Pidaparathi | CMSPP5113P | M.Pharm | 31/03/2015 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 18/06/2019 | Regular | Y |
| Ms. Alka Mishra | BBJPM2649L | M.Pharm | 04/10/2011 | Pharmaceutical Chemistry | 0 | 0 | 0 | Assistant Professor | | 01/02/2019 | Regular | Y |

| | | | | | | | | | | | | |
|-----------------------------|------------|------------------|------------|-----------------------------------|---|---|---|---------------------|------------|------------|---------|---|
| Ms. Siddhi Srivastava | HDFPS4575H | M.Pharm | 11/09/2019 | Pharmacology | 0 | 0 | 0 | Assistant Professor | | 26/08/2019 | Regular | Y |
| Ms. Sanyogita Yadav | AONPY7274F | M.Pharm | 19/01/2017 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 22/03/2018 | Regular | Y |
| Ms. Vashundhara Srivastava | FKTPS1376F | M.Pharm | 30/05/2014 | Pharmacology | 0 | 0 | 0 | Assistant Professor | | 02/12/2019 | Regular | Y |
| Ms. Shristy Srivastava | JTAPS7034C | M.Pharm | 08/08/2020 | Pharmacology | 0 | 0 | 0 | Assistant Professor | | 25/06/2020 | Regular | Y |
| Ms. Afreen Hashmi | BHPPH0489D | M.Pharm | 29/12/2020 | Pharmacology | 2 | 0 | 0 | Assistant Professor | | 06/12/2021 | Regular | Y |
| Ms. Garima Varshney | BFAPV5152G | M.Pharm | 16/10/2019 | Pharmacology | 2 | 0 | 0 | Assistant Professor | | 27/06/2022 | Regular | Y |
| Ms. Kanchan S. Gond | CQEPG5096A | M.Pharm | 03/06/2022 | Pharmaceutical Regulatory Affairs | 0 | 0 | 0 | Assistant Professor | | 27/07/2022 | Regular | Y |
| Ms. Maneesha Rana | DBVPR0221P | M.Pharm | 15/09/2021 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 01/08/2022 | Regular | Y |
| Ms. Ankita Kumari | CSMPA7090J | M.Pharm | 23/11/2019 | Medicinal Chemistry | 0 | 0 | 0 | Assistant Professor | | 03/08/2022 | Regular | N |
| Ms. Pratibha Verma | BKWPV2107A | M.Pharm | 01/08/2022 | Pharmacology | 0 | 0 | 0 | Assistant Professor | | 02/08/2022 | Regular | N |
| Ms. Itee Pandey | DTSP4346C | M.Pharm | 04/12/2021 | Pharmaceutics | 1 | 0 | 0 | Assistant Professor | | 16/08/2022 | Regular | Y |
| Mr. Neeraj Pandey | DMTPP2159H | M.Pharm | 03/12/2021 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 09/08/2022 | Regular | Y |
| Mr. Vimlesh Kumar | CGVPC8866M | M.Pharm | 04/11/2022 | Pharmaceutical Chemistry | 5 | 0 | 0 | Assistant Professor | | 11/11/2022 | Regular | Y |
| Ms. Prachi Mishra | BJWPM4003R | M.Pharm | 25/08/2015 | Pharmacology | 2 | 0 | 0 | Assistant Professor | | 22/11/2022 | Regular | Y |
| Dr. Pragya | BHXPP5042A | M.Pharm and Ph.D | 25/11/2021 | Pharmaceutics | 0 | 0 | 0 | Associate Professor | 04/04/2022 | 04/04/2022 | Regular | N |
| Dr. Prafulla Chandra Tiwari | AOHPT1795A | M.Pharm and Ph.D | 01/12/2020 | Pharmacology | 0 | 0 | 0 | Associate Professor | 01/07/2021 | 01/07/2021 | Regular | N |
| Dr. Akanksha Mishra | BCPPM4891K | M.Pharm and Ph.D | 08/02/2021 | Pharmacology | 0 | 0 | 0 | Associate Professor | 02/07/2021 | 02/07/2021 | Regular | N |
| Ms. Anshu Mishra | AWCPM0368D | M.Pharm | 25/10/2011 | Pharmacognosy | 0 | 0 | 0 | Assistant Professor | | 31/08/2021 | Regular | N |
| Ms. Vaishali Khare | GYGPK4276N | M.Pharm | 19/06/2020 | Pharmacology | 0 | 0 | 0 | Assistant Professor | | 25/06/2020 | Regular | N |
| Ms. Manika Kulshreshtha | DIRPK1061D | M.Pharm | 03/08/2020 | Pharmaceutical Chemistry | 0 | 0 | 0 | Assistant Professor | | 21/09/2020 | Regular | N |
| Ms. Richa Mudgal | CVHPM2224G | M.Pharm | 24/06/2020 | Pharmaceutical Chemistry | 0 | 0 | 0 | Assistant Professor | | 17/11/2020 | Regular | N |
| Ms. Preeti Verma | AWFPV4448J | M.Pharm | 06/12/2016 | Pharmaceutical Chemistry | 0 | 0 | 0 | Assistant Professor | | 28/12/2020 | Regular | N |
| Ms. Kshama Srivastava | GVWPS4357F | M.Pharm | 01/10/2018 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 06/11/2020 | Regular | N |
| Ms. Saumya Srivastava | EJUPS6907M | M.Pharm | 01/10/2020 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 26/10/2021 | Regular | N |
| Ms. Nishi Shukla | FRTPS1047E | M.Pharm | 03/10/2011 | Pharmacognosy | 0 | 0 | 0 | Assistant Professor | | 20/04/2016 | Regular | N |
| Ms. Amrita Dubey | BDEPD9544E | M.Pharm | 03/09/2012 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 21/01/2019 | Regular | N |

| | | | | | | | | | | | | |
|--------------------------|-------------|---------|------------|--------------------------|----|---|---|---------------------|--|------------|---------|---|
| Ms. Amrita Dubey | BDEPD9544E | M.Pharm | 03/09/2012 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 21/01/2019 | Regular | N |
| Ms. Shipra Tripathi | BAFPT8494R | M.Pharm | 30/12/2015 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 20/04/2016 | Regular | N |
| Ms. Sonali Sundram | GGGPS0719Q | M.Pharm | 19/09/2018 | Pharmacology | 0 | 0 | 0 | Assistant Professor | | 29/06/2019 | Regular | N |
| Ms. Swati Verma | AUWVPV1426H | M.Pharm | 07/06/2019 | Pharmaceutical Chemistry | 0 | 0 | 0 | Assistant Professor | | 29/06/2019 | Regular | N |
| Ms. Sneha Singh | HVNPS7329F | M.Pharm | 31/07/2019 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 01/08/2019 | Regular | N |
| Ms. Superna Banerjee | DIXPB2099J | M.Pharm | 22/06/2020 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 29/06/2020 | Regular | Y |
| Ms. Jyoti Singh | JKTPS3697M | M.Pharm | 12/08/2020 | Pharmaceutical Chemistry | 0 | 0 | 0 | Assistant Professor | | 21/09/2020 | Regular | Y |
| Ms. Garima Singh Chauhan | CDXFC6904M | M.Pharm | 30/12/2022 | Pharmaceutical Chemistry | 0 | 0 | 0 | Assistant Professor | | 01/02/2023 | Regular | Y |
| Ms. Nishtha | CLHPN1715P | M.Pharm | 30/12/2022 | Pharmaceutics | 01 | 0 | 0 | Assistant Professor | | 01/02/2023 | Regular | Y |
| Shipra Bishnoi | BEHPB2635G | B.Pharm | 05/07/2011 | Pharmaceutical Sciences | 0 | 0 | 0 | Lecturer | | 03/12/2018 | Regular | Y |
| Ms. Alka Raj Pandey | DZOPP3790Q | M.Pharm | 01/08/2016 | Pharmaceutical Chemistry | 0 | 0 | 0 | Assistant Professor | | 23/08/2017 | Regular | N |
| Ms. Shalini Gautam | BKCPG7792L | M.Pharm | 03/08/2015 | Pharmaceutics | 0 | 0 | 0 | Assistant Professor | | 20/06/2016 | Regular | N |
| Ms. Deepa Km. Gupta | ASXPG8765H | M.Pharm | 01/11/2017 | Pharmacognosy | 0 | 0 | 0 | Assistant Professor | | 10/02/2020 | Regular | N |
| Ms. Rashmi Mishra | CCJPM3308L | M.Pharm | 30/07/2011 | Pharmaceutical Chemistry | 0 | 0 | 0 | Assistant Professor | | 16/02/2023 | Regular | Y |
| Ms. Preeti Verma | AOJPV1820N | M.Pharm | 18/06/2011 | Pharmacology | 0 | 0 | 0 | Assistant Professor | | 26/06/2023 | Regular | Y |

5.1 Student-Faculty Ratio (SFR) (20)

Total Marks 20.00

UG

No. of UG Programs in the Department

| B. Pharm. | | | | | | |
|------------------|----------------------------------|--|----------------------------------|--|----------------------------------|--|
| Year of Study | CAY | | CAYm1 | | CAYm2 | |
| | (2022-23) | | (2021-22) | | (2020-21) | |
| | Sanction Intake | Actual admitted through lateral entry students | Sanction Intake | Actual admitted through lateral entry students | Sanction Intake | Actual admitted through lateral entry students |
| 1st Year | 100 | 0 | 100 | 0 | 100 | 0 |
| 2nd Year | 100 | 5 | 100 | 2 | 100 | 4 |
| 3rd Year | 100 | 2 | 100 | 3 | 90 | 3 |
| 4th Year | 100 | 3 | 90 | 3 | 90 | 2 |
| Sub-Total | 400 | 10 | 390 | 8 | 380 | 9 |
| Total | 410 | | 398 | | 389 | |
| Grand Total | <input type="text" value="410"/> | | <input type="text" value="398"/> | | <input type="text" value="389"/> | |

PG

No. of PG Programs in the Department

| M. Pharm.(Pharmaceutical Chemistry) | | | |
|-------------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Year of Study | CAY(2022-23) | CAYm1(2021-22) | CAYm2 (2020-21) |
| | Sanction Intake | Sanction Intake | Sanction Intake |
| 1st Year | 15 | 12 | 12 |
| 2nd Year | 12 | 12 | 9 |
| Total | 27 | 24 | 21 |
| M. Pharm.(Pharmaceutics) | | | |
| Year of Study | CAY(2022-23) | CAYm1(2021-22) | CAYm2 (2020-21) |
| | Sanction Intake | Sanction Intake | Sanction Intake |
| 1st Year | 15 | 12 | 12 |
| 2nd Year | 12 | 12 | 12 |
| Total | 27 | 24 | 24 |
| Grand Total | <input type="text" value="54"/> | <input type="text" value="48"/> | <input type="text" value="45"/> |

SFR

No. of UG Programs in the Department No. of PG Programs in the Department

| Description | CAY(2022-23) | | CAYm1 (2021-22) | | CAYm2 (2020-21) | |
|--|------------------------------------|-----------------------------------|------------------------------------|-----------------------------------|------------------------------------|-----------------------------------|
| Total No. of Students in the Department(S) | <input type="text" value="464"/> | Sum total of all (UG+PG) students | <input type="text" value="446"/> | Sum total of all (UG+PG) students | <input type="text" value="434"/> | Sum total of all (UG+PG) students |
| No. of Faculty in the Department(F) | <input type="text" value="37"/> | F1 | <input type="text" value="35"/> | F2 | <input type="text" value="35"/> | F3 |
| Student Faculty Ratio(SFR) | <input type="text" value="12.54"/> | SFR1=S1/F1 | <input type="text" value="12.40"/> | SFR2=S2/F2 | <input type="text" value="12.74"/> | SFR3=S3/F3 |
| Average SFR | <input type="text" value="12.56"/> | SFR=(SFR1+SFR2+SFR3)/3 | | | | |
| F=Total Number of Faculty Members in the Department (excluding first year faculty) | | | | | | |

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

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

| | Total number of regular faculty in the department | Total number of contractual faculty in the department |
|----------------|---|---|
| CAY(2022-23) | 36 | 0 |
| CAYm1(2021-22) | 34 | 0 |
| CAYm2(2020-21) | 34 | 0 |

Average SFR for three assessment years : 12.56

Assessment SFR : 20

5.2 Faculty Cadre Proportion (20)

Total Marks 18.00

Institute Marks : 18.00

| Year | Professors | | Associate Professors | | Assistant Professors | |
|-----------------|-------------|-----------|----------------------|-----------|----------------------|-----------|
| | Required F1 | Available | Required F2 | Available | Required F3 | Available |
| CAY(2022-23) | 3.00 | 5.00 | 6.00 | 2.00 | 20.00 | 29.00 |
| CAYm1(2021-22) | 3.00 | 3.00 | 6.00 | 4.00 | 19.00 | 27.00 |
| CAYm2(2020-21) | 3.00 | 2.00 | 6.00 | 2.00 | 19.00 | 30.00 |
| Average Numbers | 3.00 | 3.33 | 6.00 | 2.67 | 19.33 | 28.67 |

Cadre Ratio Marks [(AF1 / RF1) + [(AF2 / RF2) * 0.6] + [(AF3 / RF3) * 0.4]] * 10 : 18.00

5.3 Faculty Qualification (20)

Total Marks 11.70

Institute Marks : 11.70

| | X | Y | F | FQ = 2.0 x [(10X + 6Y) / F]] |
|----------------|---|----|-------|-------------------------------|
| 2022-23(CAY) | 7 | 29 | 30.00 | 12.40 |
| 2021-22(CAYm1) | 8 | 24 | 29.00 | 12.14 |
| 2020-21(CAYm2) | 4 | 27 | 28.00 | 10.57 |

Average Assessment : 11.70

5.4 Faculty Retention (20)

Total Marks 16.00

Institute Marks : 16.00

| Description | 2021-22 | 2022-23 |
|------------------------|---------|---------|
| No of Faculty Retained | 27 | 26 |
| Total No of Faculty | 34 | 34 |
| % of Faculty Retained | 79 | 76 |

Average : 78.00

Assessment Marks : 16.00

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

Total Marks 15.00

The Faculty of Pharmacy has incorporated ICT and participatory learning activities that contribute to holistic development and enhanced student learning, as well as facilitate lifelong learning and knowledge management, to make teaching and learning activities student-centered, interactive, and engaging. The following are examples of typical procedures:

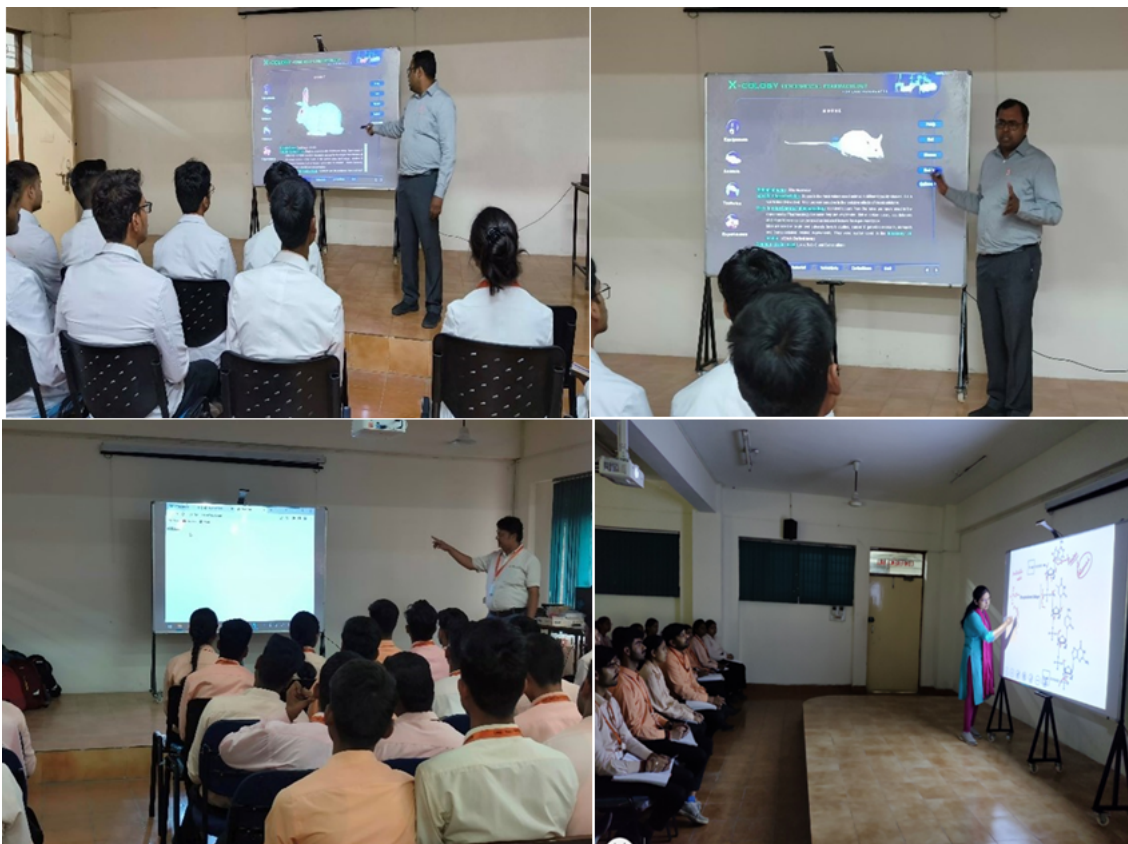
- Utilizing e-books and e-journals encourages students to consult voluminous literature. Using multimedia elements such as PowerPoint presentations, projectors, videos, and online exams were conducted. Currently, demonstrations employing models, charts, puzzles, flashcards, flowcharts, innovative visual aids, and innovative journal covers are being practised.
- Notifications and assignments are disseminated to students through social networking applications, making communication extremely prompt.
- LCD-based classroom (Smart classroom) instruction is supplemented by the traditional teaching method of chalk and conversation. Rather than refining concepts on the blackboard, this allows for more space and time for student participation. Open educational resources, Virtual Labs, are also utilized in digital formats, including PPT, PDF, and Video.
- Students are instructed in information system-based interactions utilizing chemistry software (Chem Draw, Chems sketch, Swiss-ADME, Autodock software) and simulation software on pharmacology experiments. (X-Cology, Ex-Pharm Pro, Ex-Pharm series). Staff and students have access to the Internet via a LAN. For computer instruction, specific faculty members are appointed.
- The computer facility is accessible to faculty and students for computer-assisted instruction and learning.
- Experts in their respective disciplines serve as guest lecturers; field trips, industrial visits, hospital visits, and surveys are organized to keep students knowledge up-to-date.
- Each student can access various word processors, spreadsheets, and presentation programs.
- Encouraging students to participate in the model, chart, and puzzle-making competitions, thereby demonstrating their originality.
- Faculty development via online AICTE-ATAL, NPTEL, and MOOC programs.
- During the online COVID pandemic, practicals (experiments) were presented in a manner that made them simpler to understand for students. Practical principles and procedures were taught to students through virtual labs/software/YouTube videos/laboratory-prepared videos.
- Links to audio-visual documents were made available to students through the institute's website. In addition, faculty members adopted various online tools, such as Zoom and Google Meet.



System-based interactions utilizing chemistry software



Innovations by the Faculty in Teaching and Learning



LCD-based classroom (Smart Classroom)



Models Prepared by Students



Faculty development via online AICTE-ATAL, NPTEL, MOOCs and other programs

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

Total Marks 11.73

| Name of the faculty | Max 5 Per Faculty | | |
|--------------------------------|-------------------|---------|---------|
| | 2022-23 | 2021-22 | 2020-21 |
| Dr. Shekhar Singh (FDP) | 0.00 | 3.00 | 0.00 |
| Geeta Mishra (FDP) | 3.00 | 3.00 | 3.00 |
| Afreen Hashmi (MOOCs) | 0.00 | 3.00 | 0.00 |
| Deepti Tripathi (FDP) | 3.00 | 3.00 | 0.00 |
| Manessha Rana (MOOCs) | 0.00 | 3.00 | 0.00 |
| Neelam Datt (FDP) | 5.00 | 5.00 | 5.00 |
| Neeraj Pandey (FDP) | 3.00 | 0.00 | 0.00 |
| Pallavi Tripathi (FDP) | 3.00 | 0.00 | 3.00 |
| Samiksha Srivastava (FDP) | 0.00 | 3.00 | 3.00 |
| Dr. Shekhar Singh (Workshop) | 3.00 | 3.00 | 0.00 |
| Vishakha Jaiswal (FDP) | 5.00 | 0.00 | 0.00 |
| Vishwambhar Mishra (FDP) | 0.00 | 3.00 | 0.00 |
| Gul Naz Fatima (FDP) | 0.00 | 3.00 | 0.00 |
| Gul Naz Fatima (Workshop) | 3.00 | 3.00 | 5.00 |
| Gul Naz Fatima (Training) | 5.00 | 0.00 | 0.00 |
| Geeta Mishra (Training) | 5.00 | 0.00 | 0.00 |
| Vimlesh Kumar (Workshop) | 5.00 | 3.00 | 0.00 |
| Neeraj Pandey (Workshop) | 3.00 | 0.00 | 0.00 |
| Deepti Tripathi (Workshop) | 3.00 | 0.00 | 0.00 |
| Deepti Tripathi (FDP) | 3.00 | 0.00 | 0.00 |
| Deepti Tripathi (MOOCS) | 5.00 | 0.00 | 0.00 |
| Gul Naz Fatima (MOOCS) | 5.00 | 0.00 | 0.00 |
| Neelam Datt (Workshop) | 3.00 | 0.00 | 0.00 |
| Geeta Mishra (Workshop) | 3.00 | 0.00 | 0.00 |
| Gul Naz Fatima (Workshop) | 5.00 | 0.00 | 0.00 |
| Priyanka Maurya (FDP) | 0.00 | 0.00 | 3.00 |
| Shristy Srivastava | 3.00 | 0.00 | 0.00 |
| Itee Pandey (Workshop) | 3.00 | 0.00 | 0.00 |
| Ms. Anushree Prakash(FDP) | 0.00 | 0.00 | 3.00 |
| Neelam Mishra (FDP) | 0.00 | 3.00 | 3.00 |
| Samiksha Srivastava (Workshop) | 3.00 | 0.00 | 0.00 |
| Vishwambhar Mishra (Training) | 3.00 | 0.00 | 3.00 |

| | | | |
|---|-------|-------|-------|
| Vishwambhar Mishra (MOOCS) | 5.00 | 0.00 | 0.00 |
| Dr. Shraddha Bisht (FDP) | 0.00 | 3.00 | 3.00 |
| Ms. Anushree Prakash(Workshop) | 0.00 | 3.00 | 3.00 |
| Prachi Mishra (Workshop) | 3.00 | 0.00 | 0.00 |
| Sum | 93.00 | 47.00 | 37.00 |
| RF = Number of Faculty required to comply with 15:1 Student Faculty Ratios as per 5.1 | 30.93 | 29.73 | 28.93 |
| Assessment [3*(Sum / 0.5RF)] | 18.04 | 9.49 | 7.67 |

Average assessment over 3 years: 11.73

5.7 Research and Development (40)

Total Marks 36.00

List of Number of quality publications in referred/SCI Journals, citations, Books/Book Chapters etc. (6)

| S. No. | Name of Faculty | No. of Research Publications till date | No. of citations till date | Faculty Research Publications for Assessment year | | | No. of citation for Assessment year 2020-2023 |
|--------|-------------------------|--|----------------------------|---|---------|---------|---|
| | | | | 2022-23 | 2021-22 | 2020-21 | |
| 1. | Dr. Shailendra K. Saraf | 123 | 2417 | 02 | 02 | 03 | 878 |
| 2. | Dr. Shekhar Singh | 20 | 30 | 0 | 0 | 0 | 0 |
| 3. | Ms. Neelam Datt | 07 | 0 | 0 | 01 | 0 | 0 |
| 4. | Ms. Deepti Tripathi | 01 | 06 | 0 | 0 | 01 | 06 |
| 5. | Ms. Prachi Mishra | 02 | 0 | 0 | 0 | 02 | 0 |
| 6. | Ms. Geeta Mishra | 03 | 91 | 0 | 0 | 0 | 0 |
| 7. | Mr. Neeraj Pandey | 02 | 0 | 0 | 0 | 0 | 0 |
| 8. | Dr. Priyanka Maurya | 21 | 121 | 07 | 06 | 02 | 111 |
| 9. | Mr. Vimlesh Kumar | 03 | 0 | 01 | 02 | 0 | 0 |
| 10. | Mr. Vishwambhar Mishra | 01 | 32 | 0 | 0 | 0 | 0 |
| 11. | Dr. Sanjiv K. Chaudhri | 05 | 220 | 0 | 0 | 3 | 06 |
| 12. | Ms. Afreen Hashmi | 01 | 0 | 0 | 01 | 0 | 0 |
| 13. | Dr. Vishakha Jaiswal | 12 | 17 | 02 | 0 | 03 | 16 |
| 14. | Dr. Gul Naz Fatima | 06 | 309 | 01 | 02 | 01 | 02 |
| 15. | Dr. Ravi Khare | 04 | 0 | 0 | 0 | 0 | 0 |

List of No. of Books or Book chapters published till date:

| S. No. | Name of Faculty | No. of books /chapters in book published till date | No. of books/book chapters published for assessment year | | |
|--------|-------------------------|--|--|---------|---------|
| | | | 2022-23 | 2021-22 | 2020-21 |
| 1. | Dr. Shailendra K. Saraf | 20 | 0 | 0 | 0 |
| 2. | Dr. Priyanka Maurya | 10 | 02 | 02 | 04 |
| 3. | Ms. Afreen Hashmi | 01 | 0 | 01 | 0 |
| 4. | Dr. Vishakha Jaiswal | 01 | 01 | 0 | 0 |

List of scientific/ technical Books written by Faculty Members in the Institute. Ph.D. guided /Ph.D. awarded during the assessment period while working in the institute (4)

| Name of the Ph.D. guided staff | Ph.D. Guided /Co-guided Year | | |
|---------------------------------|------------------------------|---------|---------|
| | 2022-23 | 2021-22 | 2020-21 |
| Prof. (Dr.) Shailendra K. Saraf | 0 | 01 | 0 |

Ph.D. awarded during the assessment period while working in the institute

| S. No. | Name of Faculty | Title of the Ph.D. Research | Ph.D. awarded Year | Name of the University | Supervisor/Co-Supervisor |
|--------|-----------------|--|--------------------|---|--------------------------|
| 1 | Priyanka Maurya | Formulation and Development of Surface Functionalized Hybrid Nanoparticles for Alveolar Macrophage Targeting | 2022 | Baba Saheb Bhimrao Ambedkar University, Lucknow | Prof. Shubhini Saraf |

| | | | | | |
|---|-------------------------------|--|------|--|---|
| 2 | Gul Naz Fatima | Design, Syntheses and Biological Screening of Novel 4-Aminoquinoline-Thiazolidione Hybrids as Anti-malarial Agents | 2022 | Banasthali Vidyapith, Rajasthan | Prof. (Dr.) Sarvesh Paliwal/ Prof. (Dr.) Shailendra K. Saraf |
| 3 | Sanjiv Kumar Chaudhari | Formulation, Characterization and Evaluation of Colon Targeted Drug Delivery System for Inflammatory Bowel Disease | 2021 | Sri Satya Sai University of Technology & Medical Sciences, Sehore (M.P.) | Prof. (Dr.) Chandra Kishor Tyagi |

Faculty members registered and pursuing Ph.D.

| S. No | Name of the Faculty | Supervisor/Co-supervisor | Name of the University | Status |
|-------|----------------------------|--|--|----------|
| 1. | Neelam Datt | Dr. Pankaj K. Yadav | Sam Higginbottom Institute of Agriculture, Technology & Sciences, Deemed University, Allahabad | Pursuing |
| 2. | Geeta Mishra | Dr. Parmesh K. Dwivedi | Amity University, Lucknow | Pursuing |
| 3. | Vishwambhar Mishra | Dr. Bhupendra Chauhan/ Dr. Sanjiv Kumar Chaudhari | Shobhit University, Gangoh, Saharanpur | Pursuing |
| 4. | Pallavi Tripathi | Dr. Bharat Khurana/ Dr. Sanjiv Kumar Chaudhari | Shobhit University, Gangoh, Saharanpur | Pursuing |
| 5. | Deepti Tripathi | Dr. Preeti Kush | Shobhit University, Gangoh, Saharanpur | Pursuing |
| 6. | Neelam Mishra | Dr Mayank Yadav | Shobhit University, Gangoh, Saharanpur | Pursuing |
| 7. | Samiksha Srivastava | Dr Mayank Yadav | Shobhit University, Gangoh, Saharanpur | Pursuing |

2022-23

| Project Title | Duration | Funding Agency | Amount (in Rupees) |
|---|----------|---|--------------------------------|
| MODROBS project grant on Green Synthesis, Molecular Docking and Pharmacological Activity of Some Pyrazolines as MAO Inhibitors' | 2 Years | All India Council of Technical Education, New Delhi | 1128627.00 |
| | | | Total Amount(X): 1128627.00 |

2021-22

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

2020-21

| Project Title | Duration | Funding Agency | Amount (in Rupees) |
|--|----------|---|--------------------------------|
| Research Promotion Scheme (RPS) project entitled 'Microwave assisted synthesis, biological evaluation and molecular modeling studies of some novel quinoline-thiazolidin-4-one hybrids as antimalarial agents' | 3 Years | All India Council of Technical Education, New Delhi | 1117647.00 |
| | | | Total Amount(Z): 1117647.00 |

Cumulative Amount(X + Y + Z) = 2246274.00

5.7.3 Consultancy (from Industry) (10)

Institute Marks : 7

2022-23

| Project Title | Duration | Funding Agency | Amount (in Rupees) |
|---|----------|--|----------------------------|
| MOU with M/S Vaastu Vihar Biotech Pvt. Ltd., Gaya for research and development. | 3 | M/S Vaastu Vihar Biotech Pvt. Ltd., Gaya | 500000.00 |
| MOU with M/S IDMA Laboratories Limited, Panchkula for research and development | 3 | M/S IDMA Laboratories Limited, Panchkula | 300000.00 |
| | | | Total Amount(X): 800000.00 |

2021-22

| Project Title | Duration | Funding Agency | Amount (in Rupees) |
|--|----------|--|-------------------------------|
| MOU with M/S Interstellar Testing Centre Pvt. Ltd., Baddi for research and development. | 2 | M/S Interstellar Testing Centre Pvt. Ltd., Baddi | 400000.00 |
| Consultancy provided to M/S Super Biofresh Lucknow for formulation development and scale-up process. | 2 | M/S Super Biofresh Lucknow | 150000.00 |
| | | | Total Amount(Y): 550000.00 |

2020-21

| Project Title | Duration | Funding Agency | Amount (in Rupees) |
|---|----------|--|-------------------------------|
| MOU with M/S Eli LILLY and company for research development and scale-up process | 3 | M/S Eli LILLY | 200000.00 |
| MOU with M/S Lavanya Ayurveda Hospital & Research Centre, Lucknow for research and development. | 2 | M/S Lavanya Ayurveda Hospital & Research Centre, Lucknow | 200000.00 |
| | | | Total Amount(Z): 400000.00 |

Cumulative Amount(X + Y + Z) = 1750000.00

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

Institute Marks : 5.00

| Project Title | Duration | Funding Agency | Amount (in Rupees) |
|---|----------|----------------|--------------------|
| Computer Assisted Design, Syntheses and Biological Evaluation of Some Novel Anticancer Agents | 3 years | AICTE | 19,00,000/- |
| Simplified and Specialized HPLC for Clinical and Diagnostic Lab | 2 Years | AICTE | 15,00,000/- |

5.7.5 Development activities (5)

Institute Marks : 5.00

Research Laboratories:**Details of Laboratories:**

| S. No. | Lab Description (Lab name with lab number) | Area Sq. M. | Availability of Manuals | Safety Measures |
|--------|---|----------------|----------------------------|-----------------------------|
| 1. | Central Instrument Room | 90 | Available | First-aid/Fire extinguisher |
| 2. | Ph. D Research lab | 135 | Available | First-aid/Fire extinguisher |
| 3. | Machine Room | 180 | Available | First-aid/Fire extinguisher |
| 4. | Animal House | 100 | Available | First-aid/Fire extinguisher |

**Sophisticated Instrument Centre****Animal House**



Ph. D Research Lab

| Sophisticated Instrument Centre (G-116) | | | | | |
|--|-----------------------|-----------------------|------------------|--------------|--|
| Sr. No. | Name of Instruments | Make/ Model | Year of purchase | SOP/ Logbook | Code |
| 1. | UV– Spectrophotometer | Shimadzu 1700 | 2007 | Available | NIEC/I.L./UV/SHIMAZDU/2007/1 |
| 2. | UV– Spectrophotometer | Systronics- 2202 | 2004 | Available | NIEC/I.L./UV/SYSTRONIC/2004/1 |
| 3. | HPLC | Cyber lab | 2009 | Available | NIEC/I.L./HPLC/CYBER LAB/2009/1 |
| 4. | HPLC | Shimadzu | 2011 | Available | NIEC/I.L./HPLC/SHIMADZU/20011/1 |
| 5. | Probe Sonicator | Pro-500 | 2015 | Available | BBDNIIT/I.L./P.SONI./PR0-500/2015/1 |
| 6. | Probe Sonicator | Sartorius | 2015 | Available | BBDNIIT/I.L./P. SONI./2015/1 |
| 7. | Digital Balance | Shimadzu | 2004 | Available | NIEC/I.L./D.BAL./SHIMADZU/2004/3 |
| 8. | Digital Balance | Aczet | 2004 | Available | NIEC/I.L./D. BAL./ACZET/2004/4 |
| 9. | Digital Balance | Contec CA-123 | 2015 | Available | BBDNIIT/I.L./D. BAL./CONTEC/2015/12 |
| 10. | FTIR | Shimadzu- 84005 | 2006 | Available | NIEC/I.L./FTIR/SHIMADZU/2006/1 |
| 11. | FTIR | Alpha-II | 2021 | Available | BBDNIIT/I.L./FTIR/BRUKER ALPHA-II/2021/1 |
| 12. | Viscometer | LMDV100 | 2015 | Available | BBDNIIT/I.L./VISCO./LNDV/2015/1 |
| 13. | Viscometer | Brookfield LDVI + Pro | 2019 | Available | BBDNIIT/I.L./VISCO./BROOK./2019/1 |
| 14. | Redwood Viscometer | Shivam | 2003 | Available | NIEC/I.L./R.VISCO./2003/1 |
| 15. | Ultrasonic cleaner | D-68H | 2009 | Available | NIEC/I.L./U. CL./2009/1 |
| 16. | Autoanalyzer | Saphire 120 | 2009 | Available | NIEC/I.L./AUTOAN./2009/1 |
| 17. | Autoanalyzer | StatEas3300 | 2009 | Available | NIEC/I.L./AUTOANAL./2009/2 |
| 18. | Digital Nephelometer | Khera | 2019 | NA | BBDNIIT/I.L./D. NEPH./2019/1 |
| 19. | Microwave | LG | 2006 | NA | NIEC/I.L./MICROWAVE/2006/1 |
| 20. | Photocolorimeter | 114 | 2003 | NA | NIEC/II.L./PHO. C.M./2003/1 |

| | | | | | |
|-----|---|--------------------------------|------|-----------|---|
| 21. | Pellet Hydraulic Press | Shimadzu | 2005 | NA | NIEC/I.L./P. H. P./2005/1 |
| 22. | Digital pH meter | Labman LMPH10 | 2015 | Available | BBDNIIT/I.L./D. pH M./LABMAN/2015/7 |
| 23. | Digital pH meter | Wensar WPH10 | 2011 | Available | BBDNIIT/I.L./D. pH M./WENSAR/2011/5 |
| 24. | Digital pH Meter | Ei-112 | 2009 | Available | NIEC/I.L./D. pH M/ EI-112/2009/4 |
| 25. | Auto Elisa Analyzer | Spandignostic-4011 | 2012 | NA | BBDNIIT/I.L./A.E. A./2012/1 |
| 26. | Trinocular Microscope | Labomed Ivu-1500 | 2009 | Available | NIEC/I.L./T. MICRO./2009/1 |
| 27. | Micro Centrifuge | Dolphine | 2009 | Available | NIEC/I.L./CEN. M./2009/7 |
| 28. | Mini Centrifuge | Sprout | 2009 | Available | NIEC/I.L./CEN. M./2009/8 |
| 29. | Refrigerated Centrifuge | Bio Lab BL-120RS | 2009 | Available | NIEC/I.L./CEN. M./2009/9 BBDNIIT/CENTRI. MACH./2009/10 |
| 30. | Refrigerated Centrifuge | Sigma 3-18K | 2009 | Available | NIEC/I.L./CEN. M./2009/10 |
| 31. | IR Moisture Balance | Gurunanak instruments | 2008 | Available | NIEC/I.L./IR M. B./2008/2 |
| 32. | Digital Friability Test Apparatus | EI-902 | 2003 | Available | NIEC/I.L./D.FRI. A./2003/1 |
| 33. | Homogenizer | RemioTech RqT-127AD | 2015 | NA | BBDNIIT/I.L./HOMO./2015/1 |
| 34. | Tablet Dissolution test Apparatus | Veego BDA-6D(USP) | 2007 | Available | NIEC/I.L./TAB. D. A./2009/2 |
| 35. | Auto Karl Fischer Titrimeter | EI-761E | 2001 | NA | NIEC/I.L./A. K. FISCHER/2001/1 |
| 36. | Polarimeter | Wesbix Optic HLX-40 | 2002 | Available | NIEC/I.L./POLARIMETER/2002/1 |
| 37. | Tablet Disintegration Test Apparatus | EI | 2009 | Available | NIEC/I.L./TAB. D. A./2009/2 |
| 38. | Tablet Dissolution Test Apparatus(single) | EI-912 | 2009 | Available | NIEC/I.L./TAB. D. A./2009/6 |
| 39. | Tablet Dissolution Test Apparatus (6 Holes) | Not Available | 2007 | Available | NIEC/I.L./TAB. D. A./2007/3 |
| 40. | Tablet Dissolution Test Apparatus | Not Available | 2009 | Available | NIEC/I.L./TAB. D. A./2009/4-5 |
| 41. | Synthesis Microwave Oven | Raga's Electro Magnetic System | 2011 | Available | NIEC/I.L./S. M OVEN/2011/1 |
| 42. | Rotatory Evaporator | IKA RV-10 | 2010 | NA | NIEC/I.L./ROT. E./2010/1 |
| 43. | Elisa Plate Washer | Stafax 2600 | 2019 | Available | BBDNIIT/I.L./ELI P. W./2019/1 |
| 44. | Elisa Reader | Awareness Tech INC | 2019 | Available | BBDNIIT/I.L./ELI R./2019/1 |
| 45. | Trinocular microscope | Olympus | 2019 | Available | BBDNIIT/I. L/TRI. MIC./2019/4 |
| 46. | Texture Analyzer | Stavin microsystem TA-XT2 | 2019 | Available | BBDNIIT/I. L/TEX. A./2019/1 |
| 47. | U.V Chamber | Not Available | 2017 | Available | BBDNIIT/I.L./UV C./2017/2 |

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|-----|---------------------------|------------|------|-----------|----------------------------|
| 48. | Flame photometer | Aimil | 2004 | NA | NIEC/I.L./F. PH./2001/1 |
| 49. | Paper Gel Electrophoresis | Medox | 2009 | Available | NIEC/I.L./P.G. EL./2009/1 |
| 50. | Photo fluorimeter | Dolphin152 | 2009 | Available | NIEC/I.L./P. FLORI./2009/1 |
| 51. | Digital Potentiometer | EI-118 | 2009 | NA | NIEC/I. L/D.POT./2000/1 |
| 52. | Refrigerator | Whirlpool | 2019 | NA | BBDNII/I. L/REF./2019/1 |



Sophisticated Instrument Centre

| Machine Room (MR-1) | | | | | |
|------------------------|----------------------------|------------|------------------|-----------|-----------------------------|
| Sr. No. | Name of Instrument | Make/Model | Year of Purchase | SOP | Code |
| 1. | Tablet Disintegration App. | Rolet | 2004 | Available | NIEC/M.R./TAB. D. A./2004/1 |

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|-----|---|---------------|------|-----------|-------------------------------------|
| 2. | Tablet Compression Machine (Single Punch) | Rolex | 2009 | Available | NIEC/M.R./T. COMPR. M./2009/1 |
| 3. | Tablet Compression Machine (Double Punch) | Dolphin | 2009 | Available | NIEC/M.R./TAB. COMP. /2001/1 |
| 4. | Double Cone Mixer | Khera | 2009 | Available | NIEC/M.R./D. C. MIX./2009/1 |
| 5. | Digital Fribilator | Not Available | 2022 | Available | BBDNIIT/M.R./D. FRI./2022/1 |
| 6. | Ball Mill | Speedway | 2001 | Available | NIEC/M.R./BALL M./2001/1 |
| 7. | Ampoule Filling and Sealing | Khera | 2009 | Available | NIEC/M.R./AMP.F.&S. /2009/1 |
| 8. | Tube Crimping and sealing | Not Available | 2004 | Available | NIEC/M.R./TB.C. &S./2004/1 |
| 9. | Coating Pan | Rolex | 2004 | Available | NIEC/M.R./C. PAN/ROLEX/2004/1 |
| 10. | Capsule filling | Rolex | 2002 | Available | NIEC/M.R./CAP. FIL./2002/1 |
| 11. | Polishing Drum | Rolex | 2004 | Available | NIEC/M.R./POL. D./2004/1 |
| 12. | Cutter Mill | Not Available | NA | Available | NIEC/M.R./CUT. M./1 |
| 13. | Sedimentation Studies Apparatus | KC Engineer | 2022 | Available | BBDNIIT/M.R./SED. A./2022/1 |
| 14. | Mechanical Stirrer | Rolex | 2009 | Available | NIEC/M.R./MCH. S./2009/1 |
| 15. | Electronic Balance | Contech CT300 | 2017 | Available | BBDNIIT/M.R./D. B./2017/14 |
| 16. | Sieve Shaker | KC Engineer | 2004 | Available | NIEC/M.R./SEIV. S./2004/1 |
| 17. | Gyrator Sieve Shaker | KC Engineer | 2022 | Available | BBDNIIT/M.R./G.S. S./2022/1 |
| 18. | Ion Exchanger | KC | 2022 | Available | BBDNIIT/M.R./ION EXCHANG./KC/2022/1 |
| 19. | Polishing Drum | Rolex | 2004 | Available | NIEC/M.R./P.DRUM/2004/1 |
| 20. | Collapsible Tube Filling Machine | Rolex | 2004 | Available | NIEC/M.R./C. T.F. M./2004/1 |
| 21. | Bottle Sealing Machine | Ajendra metal | 2005 | Available | NIEC/M.R./BOT. S. M.2005/1 |
| 22. | Bottle Filling Machine | Ajendra metal | 2004 | Available | NIEC/M.R./BOT. F. M./2004/1 |
| 23. | Leaf Filter | KC | 2022 | Available | BBDNIIT/M.R./L. F./2022/1 |
| 24. | Plate and Frame Filter Press | KC | 2022 | Available | BBDNIIT/M.R./P. F. F. P./2022/1 |
| 25. | Liquid-Liq Extraction in Packed Tower | KC | 2022 | Available | BBDNIIT/M.R./LIQ-L EXT. T./2022/1 |
| 26. | Vacuum Pump | Promivac | 2007 | Available | NIEC/M.R./V. PUMP/2007/1 |



Machine Room

| Ph D Research lab (314) | | | | | |
|----------------------------|---------------------------------|-----------------------|------------------|-----------|--|
| Sr. No. | Name of Instrument | Make/Model | Year of Purchase | SOP | Code |
| 1. | Deep freezer (-20°C) | Labguard/Instamus | 2022 | Available | BBDNIIT/ DE. FR./2022/3 BBDNIIT/ DE. FR./2022/4 |
| 2. | Microcentrifuge | Dolphin | 2009 | Available | NIEC/I.L./CEN.M./2009/7 |
| 3. | Microtome | MT-10908 Weswox | 2013 | Available | BBDNIIT/M. TOME/2013/2 |
| 4. | Digital melting point apparatus | NA | 2022 | Available | BBDNIIT/D.M.P.A./2022/1-2 |
| 5. | Microscope | Oscar | 2004 | Available | NIEC/C. M./2009/55 |
| 6. | Tissue homogenizer | Prompt | 2007/ 2009 | Available | NIEC/T. H./2009/1 |
| 7. | Rectangular Maze | Mesicraft | 2003 | Available | NIEC/R. MAZE/2003/1 |
| 8. | Biosafety cabinet | KC | 2007 | Available | NIEC/BIO. S. C/2007/2 |
| 9. | IR moisture balance | Gurunanak instruments | 2007 | Available | NIEC/IR M. BAL./2007/1 |
| 10. | Dissection Maze | NA | 2003 | Available | NIEC/D. MAZE./2003/1 |
| 11. | Muffle furnace | Shivam instruments | 2004 | Available | NIEC/M. F./2007/1 |

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|-----|-------------------------|-------------------|----------------|-----------|--|
| 12. | Mechanical stirrer | Zoom | 2004 | Available | NIEC/MAG. S/2004/1 |
| 13. | Digital colorimeter | labtronics | 2004 | Available | NIEC/D.P. /2004/2 |
| 14. | Trinocular microscope | Quasmo | 2019 | Available | BBDNIIT/T. M./2019/3 |
| 15. | Melting point apparatus | Shivam | 2009 | Available | NIEC//M.P. AP./2009/10 |
| 16. | Mixer grinder | Radha | 2004 | Available | NIEC/MIX. G./2004/3 |
| 17. | Desiccator (4) | NA | 2007 | Available | NIEC/DESI./2007/1-4 |
| 18. | Vacuum pump | Farcovac | 2005 | Available | NIEC/V.PUMP/2005/4-5 |
| 19. | Magnetic stirrer (3) | KC | 2005/2007/2008 | Available | NIEC/MAG. S/2005/2 NIEC/MAG. S/2007/3 NIEC/MAG. S/2008/6 |
| 20. | Vacuum rotatory | Khera | 2007 | Available | NIEC/V. R. AP./2007/1 |
| 21. | Heating mantle | Elcon | 2010 | Available | NIEC/H.M./2002/47 |
| 22. | Wrist hand shaker | Popular India | 2009 | Available | NIEC/F. S./2009/4 |
| 23. | Hot air oven | S.I. | 2005 | Available | NIEC/OVEN/2005/5 |
| 24. | Digital balance | ECB-300 Wensar | 2022 | Available | BBDNIIT/D. B./2022/23 |
| 25. | Dimer stat (3) | Jyoti India | 2007/2008 | Available | NIEC/D.SET/2007/1-2 NIEC/D.SET/2008/3 |
| 26. | Distillation unit | NA | 2009 | Available | NIEC/D. W. P./2009/2-3 |
| 27. | Laminar flow bench | KC | 2009 | Available | NIEC/L. A.F./2009/2 |

| Animal House | | | | |
|--------------|---------------------------|------------|------------------|---|
| Sr. No. | Name of Instrument | Make/Model | Year of Purchase | Code |
| 1. | Air conditioner (2) | Voltas | 2012 | BBDNIIT/A.C./2012/1 |
| 2. | Balance | Usha | 2012 | BBDNIIT/B./2012/1-2 |
| 3. | Blower (2) | Usha | 2012/2016 | BBDNIIT/Blow./2012/1 BBDNIIT/Blow./2016/2 |
| 4. | Cage Plastic (Large) (34) | Tarson | 2012/2016 | BBDNIIT/Cage/2012/1-24 BBDNIIT/cage/2016/25-34 |
| 5. | Cage Plastic(small) (25) | Tarson | 2012/2016 | BBDNIIT/Cage/2012/1-15 BBDNIIT/Cage/2012/16-25 |
| 6. | First Aid Box | NA | 2012 | BBDNIIT/F. Box/2012/1 |
| 7. | Holder (Rat) (2) | Tarson | 2012 | BBDNIIT/Rat.H./2012/1-2 |
| 8. | Holder (Rabbit) (1) | Ordinary | 2012 | BBDNIIT/Rab.H./2012/1 |
| 9. | Hygrometer (R.H.) (02) | GIC | 2012 | BBDNIIT/D. Hy/2012/1-2 |
| 10. | U.V. Light | Bajaj | 2012 | BBDNIIT/U.V./L./2012/1 |

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|-----|--------------------------|-----------|-----------|---|
| 11. | Water Bottle (53) | Tarsan | 2012/2021 | BBDNIIT/W. B./2012/1-25 BBDNIIT/W. B./2012/26-53 |
| 12. | Cooler | NA | 2012 | BBDNIIT/Cool./2012/1 |
| 13. | Heater | Usha | 2012 | BBDNIIT/Heater/2012/1 |
| 14. | Autoclave | KC | 2015 | BBDNIIT/Autocl./2012/1 |
| 15. | Water Filter (U.V. type) | Aquagrant | 2015 | BBDNIIT/W. F./2012/1 |
| 16. | Operation Table | NA | 2012 | BBDNIIT/O. T./2012/1 |

| Cell culture lab | | | | | |
|------------------|---------------------|------------|------------------|-----------|-----------------------|
| Sr. No. | Name of Instrument | Make/Model | Year of Purchase | SOP | Code |
| 1. | Laminar air flow | KC | 2009 | Available | BBDNIIT/Lam.F./2009/1 |
| 2. | Inverted microscope | Quasmo | 2020 | Available | BBDNIIT/I.M./2020/1 |
| 3. | Computer system | Acer | 2020 | Available | BBDNIIT/Comp./2020/1 |
| 4. | Air Conditioner | Voltas | 2020 | NA | BBDNIIT/A.C./2020/2 |
| 5. | Microtiter Plate | Tarson | 2020 | NA | BBDNIIT/M.P./2020/1 |



Animal House, Machine Room, Instrument Room, Cell Culture Lab

List of Products developed (2020-21):

| S. No. | Name of Student | Roll No. | Supervisor | Topic |
|--------|-----------------|----------|------------|-------|
|--------|-----------------|----------|------------|-------|

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|----|------------------------|------------|-----------------|--|
| 1 | Rumman Khan | 1605650063 | Ms. Neelam Datt | Formulation and comparison of invitro drug release of prepared ocular gel and ointment |
| 2 | Abdullah Ahmad | 1705650001 | Ms. Neelam Datt | Formulation and evaluation of mucoadhesive buccal gel. |
| 3 | Abhishek Chaudhary | 1705650002 | Ms. Neelam Datt | Formulation and comparison of <i>in-vitro</i> drug release of prepared ocular gel and ointment |
| 4 | Adarsh Mishra | 1705650003 | Ms. Neelam Datt | Formulation and characterization of silver nanoparticles by microwave irradiation methods |
| 5 | Afiya Furquan | 1705650004 | Ms. Neelam Datt | Development and characterization of in situ gel. |
| 6 | Aiman Fatima | 1705650005 | Ms. Neelam Datt | To study the effect of disintegrants on the <i>invitro</i> drug release study |
| 7 | Aman Kumar | 1705650007 | Ms. Neelam Datt | Development and evaluations of tablet by wet granulation method |
| 8 | Amit Kumar Vishwakarma | 1705650009 | Ms. Neelam Datt | To study the effect of crosslinking agents on microbeads. |
| 9 | Anchal Yadav | 1705650010 | Ms. Neelam Datt | To study the effect of particle size on solubility of drug by different solid dispersion method. |
| 10 | Anil Yadav | 1705650011 | Ms. Neelam Datt | Formulation and characterization of silver nanoparticles by microwave irradiation methods |
| 11 | Anjali Gupta | 1705650012 | Ms. Neelam Datt | To study the effect of suspending agents on sedimentation rate. |
| 12 | Ankur Mishra | 1705650014 | Ms. Neelam Datt | Formulation and optimization of antiacne gel. |
| 13 | Anmol Jaiswal | 1705650015 | Ms. Neelam Datt | Formulation and optimization of antiacne gel. |
| 14 | Anup Kumar Singh | 1705650016 | Ms. Neelam Datt | Formulation and evaluation of transdermal patch. |
| 15 | Aryan Rai | 1705650017 | Ms. Neelam Datt | Formulation and evaluation of dental film. |
| 16 | Asheesh Kumar Maurya | 1705650018 | Ms. Neelam Datt | Development and evaluations of tablet by wet granulation method. |
| 17 | Ashutosh Yadav | 1705650019 | Ms. Neelam Datt | Formulation and evaluation of controlled release tablets. |
| 18 | Atma Nishad | 1705650020 | Ms. Neelam Datt | Formulation and evaluation of controlled release tablets. |
| 19 | Awadh Bajpai | 1705650021 | Ms. Neelam Datt | Formulation and evaluation of transdermal patch. |
| 20 | Brahm Kumar Sharma | 1705650022 | Ms. Neelam Datt | Formulation and evaluation of solid dispersion containing topical gel. |
| 21 | Deepa Neopane | 1705650023 | Ms. Neelam Datt | Formulation and optimization of herbal extract containing of sunscreen. |
| 22 | Diksha Singh | 1705650024 | Ms. Neelam Datt | To study the comparative in vitro drug release study of prepared of eye ointment and gel. |
| 23 | Harshbardhan Shahi | 1705650026 | Ms. Neelam Datt | To study the effect of emulsifying agents on stability of emulsion |
| 24 | Khyaati Misra | 1705650029 | Ms. Neelam Datt | Formulation and evaluation of dental film. |
| 25 | Kishn Shukla | 1705650030 | Ms. Neelam Datt | To study the effect of emulsifying agents on stability of emulsion |
| 26 | Km Madhu Sharma | 1705650031 | Ms. Neelam Datt | To study the effect of emulsifying agents on stability of emulsion. |
| 27 | Km Vibha Patel | 1705650032 | Ms. Neelam Datt | Formulation and evaluation of microspheres. |
| 28 | Komal Gupta | 1705650033 | Ms. Neelam Datt | To study the effect of emulsifying agents on stability of emulsion. |
| 29 | Komal Tiwari | 1705650034 | Ms. Neelam Datt | Formulation and optimization of herbal extract containing of sunscreen. |
| 30 | Kritika Singh | 1705650036 | Ms. Neelam Datt | To study the effect of suspending agents on sedimentation rate. |

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|----|------------------------|------------|-----------------|--|
| 31 | Laxmi Kant | 1705650037 | Ms. Neelam Datt | Formulation and evaluation of suppositories. |
| 32 | Mo Irasd | 1705650038 | Ms. Neelam Datt | Formulation and evaluation of dental gel. |
| 33 | Mohammed Azaruddin | 1705650039 | Ms. Neelam Datt | Formulation and evaluation of vitamin c tablet using amla extract. |
| 34 | Mohd Ameen | 1705650041 | Ms. Neelam Datt | To study the effect of suspending agents on sedimentation rate. |
| 35 | Mohd Dawood | 1705650042 | Ms. Neelam Datt | Formulation and evaluation of effervescent granules containing tablet. |
| 36 | Mridul Kumar Yadav | 1705650043 | Ms. Neelam Datt | Formulation and evaluation of effervescent granules containing tablet. |
| 37 | Mukesh Kumar Chaudhary | 1705650044 | Ms. Neelam Datt | Formulation and evaluation of beads. |
| 38 | Naureen Khan | 1705650045 | Ms. Neelam Datt | To study the effect of particle size on sedimentation rate. |
| 39 | Naushad Mansoor | 1705650046 | Ms. Neelam Datt | Formulation and evaluation of dental gel. |
| 40 | Noor Ali | 1705650048 | Ms. Neelam Datt | Formulation and evaluation of mucoadhesive buccal gel. |
| 41 | Patwa Pooja Bansidhar | 1705650049 | Ms. Neelam Datt | To study the effect of particle size on sedimentation rate. |
| 42 | Pooja Singh | 1705650050 | Ms. Neelam Datt | To validate the sterility of autoclave. |
| 43 | Pradumma Mishra | 1705650051 | Ms. Neelam Datt | To study the effect of suspending agents on sedimentation rate. |
| 44 | Preeti Yadav | 1705650052 | Ms. Neelam Datt | Formulation and evaluation of ocular gel. |
| 45 | Prerna Kewlani | 1705650053 | Ms. Neelam Datt | Formulation and evaluation of ocular gel. |
| 46 | Priyansh Chokhani | 1705650054 | Ms. Neelam Datt | Development and optimization of antioxidant cream containing different herbal extracts. |
| 47 | Rajdeep Gupta | 1705650056 | Ms. Neelam Datt | Formulation and evaluation of beads. |
| 48 | Ramit Yadav | 1705650057 | Ms. Neelam Datt | Study the applications of different pharmaceutical software. |
| 49 | Rishabh Dubey | 1705650059 | Ms. Neelam Datt | Formulation and <i>In vitro</i> evaluation of solid dispersion containing suspension. |
| 50 | Rohit Vishwakarma | 1705650060 | Ms. Neelam Datt | Preparation and evaluation of effervescent granules. |
| 51 | Rohit Yadav | 1705650061 | Ms. Neelam Datt | Preparation and evaluation of effervescent granules. |
| 52 | Rupali | 1705650062 | Ms. Neelam Datt | Formulation and evaluation of microspheres. |
| 53 | Saawan Kumar Verma | 1705650063 | Ms. Neelam Datt | To study the effect of binder on dissolution of drug. |
| 54 | Samra Fatima | 1705650064 | Ms. Neelam Datt | To study the effect of particle size on solubility of drug by different solid dispersion method. |
| 55 | Satish Kumar | 1705650065 | Ms. Neelam Datt | Study the applications of different pharmaceutical software. |
| 56 | Satyam Jaiswal | 1705650066 | Ms. Neelam Datt | To study the effect of binder on dissolution of drug. |
| 57 | Shahzad Ahmad | 1705650067 | Ms. Neelam Datt | Formulation and evaluation of emulsion. |
| 58 | Shashi Kant Singh | 1705650068 | Ms. Neelam Datt | Formulation and evaluation of emulsion. |
| 59 | Shashi Kashyap | 1705650069 | Ms. Neelam Datt | To study the comparative in vitro drug release study of prepared of eye ointment and gel. |
| 60 | Shivam Pandey | 1705650070 | Ms. Neelam Datt | Preparation and evaluation of effervescent granules. |

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|----|---------------------|------------|-----------------|---|
| 61 | Sonaxi Agrahari | 1705650072 | Ms. Neelam Datt | To validate the sterility of autoclave. |
| 62 | Sri Mohan Pandey | 1705650074 | Ms. Neelam Datt | Formulation and evaluation of vitamin c tablet using amla extract |
| 63 | Sumit Kumar | 1705650075 | Ms. Neelam Datt | Preparation and evaluation of effervescent granules. |
| 64 | Sumit Kumar Pathak | 1705650076 | Ms. Neelam Datt | Formulation and evaluation of silver nanoparticles. |
| 65 | Suraj Prakash Gupta | 1705650077 | Ms. Neelam Datt | Formulation and evaluation of solid dispersion containing topical gel. |
| 66 | Suraj Yadav | 1705650078 | Ms. Neelam Datt | Formulation and evaluation of silver nanoparticles. |
| 67 | Sushma | 1705650079 | Ms. Neelam Datt | Formulation and <i>In vitro</i> evaluation of solid dispersion containing suspension. |
| 68 | Sushma Patel | 1705650080 | Ms. Neelam Datt | Development and characterization of in situ gel. |
| 69 | Vaishali Singh | 1705650082 | Ms. Neelam Datt | Formulation and evaluation of silver nanoparticles. |
| 70 | Vikas Kumar Yadav | 1705650083 | Ms. Neelam Datt | Formulation and evaluation of lip balm using beet root extract |
| 71 | Vikas Singh | 1705650084 | Ms. Neelam Datt | Formulation and evaluation of lip balm using beet root extract |
| 72 | Vinay Yadav | 1705650085 | Ms. Neelam Datt | Formulation and evaluation of zinc nanoparticles. |
| 73 | Vivek Kumar | 1705650088 | Ms. Neelam Datt | Development and optimization of antioxidant cream containing different herbal extracts. |
| 74 | Wasi Ahmad | 1705650089 | Ms. Neelam Datt | Formulation and evaluation of microcapsules. |
| 75 | ZiyaUrrahman Khan | 1705650090 | Ms. Neelam Datt | Formulation and evaluation of microcapsules. |
| 76 | Adarsh Kumar | 1805650901 | Ms. Neelam Datt | Formulation and evaluation of zinc nanoparticles. |
| 77 | Vivek Chaudhary | 1805650902 | Ms. Neelam Datt | Formulation and evaluation of suppositories. |

List of Products developed (2022-23):

| S. No. | Name of Student | Uni. Roll No. | Name of Faculty | Topic of Project |
|--------|--------------------------|---------------|----------------------|---|
| 1. | Abhay Kumar | 1900560500001 | Dr. Shekhar Singh | Formulation, evaluation and SOP generation of Doxycycline hydrogel for acne. |
| 2. | Abhishek Kumar Maurya | 1900560500002 | Dr. Vishakha Jaiswal | Formulation and evaluation of Doxycycline loaded hydrogel. |
| 3. | Abhishek Kumar Singh | 1900560500003 | Ms. Pallavi Tripathi | Formulation and evaluation of herbal Churna. |
| 4. | Abhishek Tiwari | 1900560500004 | Dr. Vishakha Jaiswal | Formulation and evaluation of in-situ mucoadhesive vaginal antibacterial gel. |
| 5. | Ahmad Raza | 1900560500008 | Dr. Shekhar Singh | Formulation, evaluation and SOP generation of Doxycycline hydrogel for acne. |
| 6. | Alok Singh Chauhan | 1900560500011 | Ms. Pallavi Tripathi | Formulation and evaluation of herbal Churna. |
| 7. | Amit Kumar | 1900560500013 | Dr. Shekhar Singh | Formulation, evaluation and SOP generation of Flunarizine nasal drops for migraine. |
| 8. | Ananya Singh | 1900560500016 | Ms. Neelam Datt | Formulation and evaluation of anti-ageing gel. |
| 9. | Animesh Narayan Yadav | 1900560500017 | Dr. Vishakha Jaiswal | Formulation and evaluation of in-situ mucoadhesive vaginal antibacterial gel. |
| 10. | Anshu Shukla | 1900560500018 | Dr. Shekhar Singh | Formulation, evaluation and SOP generation of Flunarizine nasal drops for migraine. |
| 11. | Anupama Kumari | 1900560500019 | Ms. Neelam Datt | Formulation and evaluation of anti-ageing gel. |
| 12. | Ashish Gupta | 1900560500022 | Ms. Pallavi Tripathi | Preparation and standardization of Ayurvedic cream for antimicrobial activity. |
| 13. | Ashish Kumar Mishra | 1900560500023 | Dr. Shekhar Singh | Formulation, evaluation and SOP generation of Fluconazole emulgel for antifungal activity. |
| 14. | Asif Khan | 1900560500026 | Dr. Shekhar Singh | Formulation, evaluation and SOP generation of Fluconazole emulgel for antifungal activity. |
| 15. | Atul Verma | 1900560500027 | Dr. Priyanka Maurya | Formulation and evaluation of Isabgol dietetic cookies. |
| 16. | Avaneesh Singh | 1900560500028 | Dr. Shekhar Singh | Formulation, evaluation and SOP generation of Loratidine emulgel for antihistaminic activity. |
| 17. | Brahmanand Kushwaha | 1900560500029 | Dr. Priyanka Maurya | Formulation and evaluation of Isabgol dietetic cookies. |
| 18. | Dhananjay Singh Kushwaha | 1900560500030 | Dr. Shekhar Singh | Formulation, evaluation and SOP generation of Loratidine emulgel for antihistaminic activity. |
| 19. | Dinesh Kumar Gupta | 1900560500032 | Dr. Priyanka Maurya | Formulation and evaluation of herbal tablet of Tinospora cordifolia. |

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|-----|------------------------------------|---------------|---------------------------|--|
| 20. | Dipika Gautam | 1900560500034 | Dr. Vishakha Jaiswal | Formulation and evaluation of Doxycycline loaded hydrogel. |
| 21. | Durgesh Kumar Singh | 1900560500036 | Ms. Pallavi Tripathi | Preparation and standardization of Ayurvedic cream for antimicrobial activity. |
| 22. | Gautam Kumar | 1900560500038 | Dr. Priyanka Maurya | Formulation and evaluation of herbal tablet of Tinospora cordifolia. |
| 23. | Hariom Sharma | 1900560500040 | Dr. Priyanka Maurya | Formulation and evaluation of digestive churna. |
| 24. | Km Anita Patel | 1900560500044 | Ms. Anushri Prakash | Formulation and evaluation of in-situ gelling model containing metronidazole. |
| 25. | Km Priyanka | 1900560500045 | Ms. Anushri Prakash | Formulation and evaluation of in-situ gelling model containing metronidazole. |
| 26. | Mohammad Ahmad | 1900560500050 | Dr. Priyanka Maurya | Formulation and evaluation of digestive churna. |
| 27. | Mohd Asad | 1900560500051 | Dr. Priyanka Maurya | Formulation and evaluation of cinnamon flavoured nutritional powder. |
| 28. | Mohd Safdar Jamal | 1900560500052 | Dr. Priyanka Maurya | Formulation and evaluation of cinnamon flavoured nutritional powder. |
| 29. | Mohsin Beg | 1900560500053 | Ms. Neelam Mishra | Formulation and stability testing of pharmaceutical products. |
| 30. | Pankaj Dubey | 1900560500061 | Ms. Pallavi Tripathi | Preparation and evaluation of herbal gel by using Piper betel extract |
| 31. | Pradeep Kumar Singh | 1900560500065 | Ms. Anushri Prakash | Effect of combination super disintegrants on the drug delivery of Oro dispersible tablets. |
| 32. | Praveen Kumar Yadav | 1900560500067 | Ms. Deepti Tripathi | Formulation and Characterization of Flunarizine Fast-Dissolving tablets. |
| 33. | Rahul Tiwari | 1900560500069 | Ms. Anushri Prakash | Effect of combination super disintegrants on the drug delivery of Oro dispersible tablets. |
| 34. | Ram Ji Mishra | 1900560500070 | Ms. Neelam Datt | Formulation and evaluation of sunscreen lotion. |
| 35. | Sagar Kumar Chaurasia | 1900560500072 | Ms. Anushri Prakash | Formulation and evaluation of floating beads model. |
| 36. | Sakshi Gupta | 1900560500073 | Ms. Neelam Datt | Formulation and evaluation of anti-ageing gel. |
| 37. | Samarth Jaiswal | 1900560500074 | Ms. Deepti Tripathi | Formulation and Characterization of Flunarizine Fast-Dissolving tablets. |
| 38. | Sanjiv Chaudhari | 1900560500075 | Ms. Anushri Prakash | Formulation and evaluation of floating beads model. |
| 39. | Santosh Kumar | 1900560500076 | Ms. Neelam Datt | Formulation and evaluation of sunscreen lotion. |
| 40. | Santosh Verma | 1900560500077 | Ms. Pallavi Tripathi | Preparation and evaluation of herbal gel by using Piper betel extract. |
| 41. | Satyansh Rai | 1900560500078 | Dr. Vishakha Jaiswal | Formulation and evaluation of amla and neem anti-dandruff shampoo. |
| 42. | Shravan Kumar | 1900560500087 | Ms. Nida M. Siddiqui | To formulate and evaluate Lycopene with Gingerol tablets. |
| 43. | Shreya | 1900560500088 | Ms. Geeta Mishra | Formulation, evaluation and SOP generation of Gamifloxacin mesylate syrup. |
| 44. | Shubham Kumar Maurya | 1900560500089 | Ms. Geeta Mishra | Formulation, evaluation and SOP generation of Gamifloxacin mesylate syrup. |
| 45. | Sumit Kumar Gautam | 1900560500092 | Ms. Nida M. Siddiqui | To formulate and evaluate Lycopene with Gingerol tablets. |
| 46. | Suyash Pandey | 1900560500093 | Dr. Sanjiv Kumar Chaudhri | Formulation and evaluation of Norfloxacin floating tablets. |
| 47. | Tanuj Kumar Singh | 1900560500094 | Dr. Vishakha Jaiswal | Formulation and evaluation of green tea leaf extract face wash gel. |
| 48. | Vaishali Kaushal | 1900560500096 | Dr. Vishakha Jaiswal | Formulation and evaluation of green tea leaf extract face wash gel. |
| 49. | Vinay Kumar | 1900560500098 | Ms. Nida M. Siddiqui | To formulate and evaluate Curcumin with Triphala churna tablets. |
| 50. | Vivek Singh | 1900560500099 | Ms. Neelam Mishra | Formulation and quality control testing of cold cream. |
| 51. | Vishnu Dayal Singh (Lateral Entry) | 2000560509003 | Ms. Nida M. Siddiqui | To formulate and evaluate Curcumin with Triphala churna tablets. |

Instructional Materials, Working models, Charts/Monograms:

Informative charts, mini models 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.

| S. No. | Name of Models | Type | Quality | Student Name/Roll No. | Academic year/year |
|--------|--|-------------|---------|----------------------------------|-----------------------------|
| 1. | Female Reproductive System | Non-working | Good | Aditya Raj 2000560500006 | 2020-2021 B.Pharm I year |
| 2. | ECG | Non-working | Good | Ankit kumar 2000560500015 | 2020-2021 B.Pharm I year |
| 3. | Female Reproductive Cycle | Non-working | Good | Dixa Baudh 2000560500035 | 2020-2021 B.Pharm I year |
| 4. | Synthesis and Secretion of Thyroid Hormone | Non-working | Good | Krishna Agarwal 2000560500049 | 2020-2021 B.Pharm I year |
| 5. | Mechanism of respiration | Working | Good | Monica Arora 2000560500056 | 2020-2021 B.Pharm I year |

| | | | | | |
|-----|------------------------------------|----------------|------|---|------------------------------|
| 6. | Human Respiratory System | Non-working | Good | Richa Vishwakarma 2000560500072 | 2020-2021 B.Pharm I year |
| 7. | The Bronchial Tree | Non-working | Good | Tanya Cahurasiya 2100560500094 | 2021-2022 B.Pharm I year |
| 8. | Conducting System of Heart | Non-working | Good | Aryan Patel 2100560500023 | 2021-2022 B.Pharm I year |
| 9. | Electrocardiograph. | Working | Good | Faishal, and Girish Iyer 2100560500041, 43 | 2021-2022 B.Pharm I year |
| 10. | Fluidized Bed Dryer | Working | Good | Abhishek Rao, Mohd Adnan, Ranjana 1805650006, 1805650045, 1805650057 | 2021-2022 B.Pharm IV year |
| 11. | Human Heart | Non-working | Good | Ayush Sachan 2100560500033 | 2021-2022 B.Pharm I year |
| 12. | Blood Flow Through Heart | Non-working | Good | Sampurna Nand Rai 2200560500075 | 2022-2023 B.Pharm I year |
| 13. | Systemic and Pulmonary Circulation | Non-working | Good | Divya Rai 2200560500038 | 2022-2023 B.Pharm I year |

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

Total Marks 20.00

Each year at the end of academic year the college follows faculty appraisal mechanism for evaluation of the performance of the faculty.

The faculty of respective department is directed to fill self-appraisal form in the proforma provided by the head of department. The appraisal form highlights the various academic professional and non-academic activities. The faculty duly fills the proforma, and submits the same to the Director (Pharmacy) through head of department.

The Director reviews and analyses all the performance appraisal form and presents essence before the management. The self-appraisal form comprises of the academic details undertaken, results, number of seminars, conferences and QIPs attended, contribution to the college and community, books, papers published, grants received and special awards. Student feedback is however, given top priority and this is duly communicated at personal level by the Director to the teacher.

Incentive Policy: 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, Orientation courses various national and international conferences, with sponsored registration are encouraged.

The college provides the facilities for study leave for upgrading and skill development as per rules of the UGC/University.

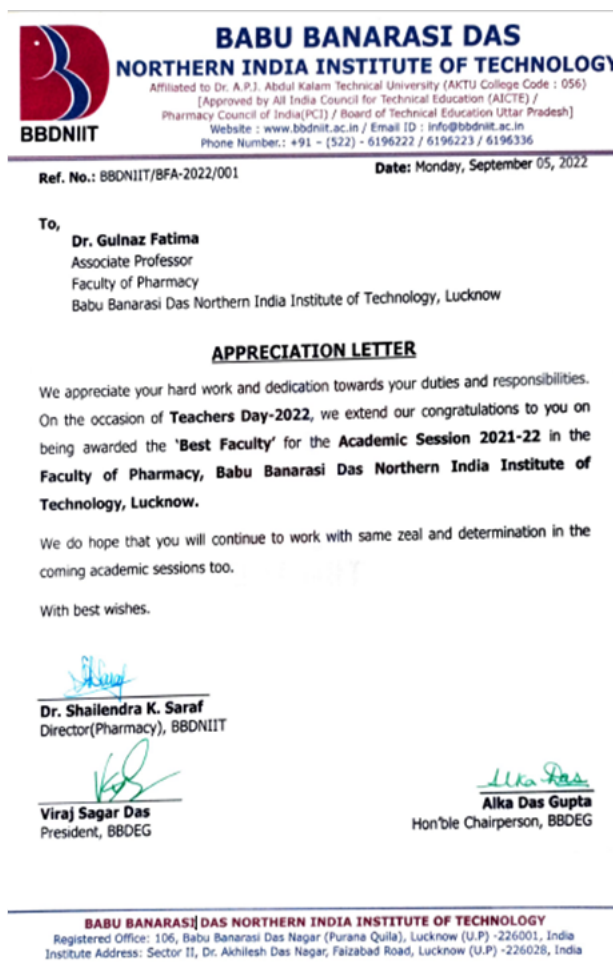
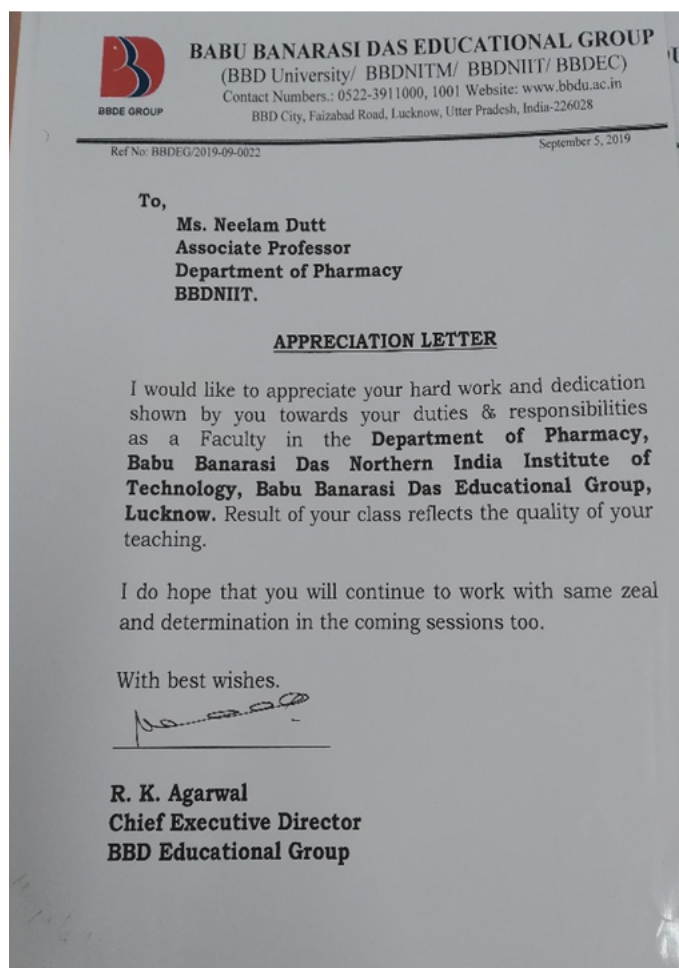
Performer is awarded with Best Teacher Award every year on 5 September on the occasion of Teacher's Day with a certificate of appreciation and some gift by the management of BBDNIIT. The Nominations were identified across the society and selection criteria, eligibility form of award was effectively communicated among the members. Details of screening criteria, procedure and related information are available in criterion file.

The following faculty members received awards and were felicitated from our institute for the year 2022-23 and 2019-20 respectively.

1. Dr. Gul Naz Fatima- Best Teacher's Award

2. Ms. Neelam Datt – Best Teacher's Award

Award ceremony could not be organized in 2020-21 due to COVID-19 pandemic.



5.9 Visiting/Adjunct Faculty (5)

Total Marks 5.00

Visiting/ Adjunct faculty

| Assessment Year: 2022-23 | |
|--------------------------|--------------------------|
| Name of Visiting Faculty | No of Interactions(hrs.) |
| Dr. Ajay Bajpai | 51 approx. |
| Dr. Rajni Dwivedi | 52 approx. |
| Mr. Devki Nandan Tiwari | 40 approx. |
| Dr. Shraddha Sinha | 35 approx. |
| Total | 178 |
| Assessment Year: 2021-22 | |
| Name of Visiting Faculty | No of Interactions(hrs.) |
| Dr. Ajay Bajpai | 60 approx. |
| Dr. Rajni Dwivedi | 50 approx. |
| Mr. Devki Nandan Tiwari | 52 approx. |
| Dr. Shraddha Sinha | 35 approx. |
| Total | 197 |
| Assessment Year: 2020-21 | |
| Name of Visiting Faculty | No of Interactions(hrs.) |
| Dr. Arti Mishra | 50 approx. |
| Dr. Rajni Dwivedi | 51 approx. |
| Mr. Devki Nandan Tiwari | 40 approx. |
| Dr. Shraddha Sinha | 32 approx. |
| Total | 173 |
| Assessment Year: 2019-20 | |
| Name of Visiting Faculty | No of Interactions(hrs.) |
| Dr. Arti Mishra | 54 approx. |
| Dr. Rajni Dwivedi | 52 approx. |
| Mr. Devki Nandan Tiwari | 51 approx. |
| Total | 157 |

6 FACILITIES (120)

Total Marks 120.00

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

Total Marks 20.00

BBDNIIT, Faculty of Pharmacy has ample space for conducting lectures, tutorials, workshops and training for First year to Final year B.Pharm. Students.

- Class rooms are provided with good ventilation.
- College has sufficient tutorial rooms to conduct regular tutorial classes and to conduct remedial classes for students having backlogs.
- All class rooms are equipped with facilities like green board, fans, tube lights, podium, benches and chairs with good ambience.
- Benches of good quality are available for comfort sitting of students during lecture hours.
- All class rooms are of size 90 sq.m. With adequate numbers of benches that can accommodate around 75 students in each classroom.
- Classrooms have double entry and exit point.
- LCD Projectors, Audio-visual aids.
- Fully-equipped Seminar Halls with seating capacity of 150 persons to conduct training, guest lectures and workshops.
- Air-conditioned hostels are provided to both girls and boys.
- World-class Auditorium with all ultramodern amenities having seating capacity of 1000 persons is also available to conduct National and International Seminars, Conferences, social gatherings, Trainings, Workshops, etc.
- In-campus stadium for promoting sports along with technical curriculum.
- Stadium allows expert interaction of students with world-class players and facilities and grooms them and provides them with more career options for their bright future.
- International Badminton Court is a hub of national and international tournaments.
- Lawn-tennis court, volleyball court along with table tennis facilities are available for all students.
- Separate Gymnasium with experienced coach for both girls and boys to maintain their fitness.
- Lift facility is available throughout the campus.
- Dedicated entry ramps and washrooms are available for Divyangjan.
- Solar panels are installed to provide for green energy and reduce carbon emissions.
- Student mall is available in campus.
- Coffee kiosk is available.
- Animal house facility is available.
- Campus is fully secured with CCTV cameras equipped with night vision facility.
- Medical and Dental OPD facility for girls and boys.
- First-aid boxes are available at each centre.
- Suggestion-box available at ground floor.
- Fire extinguisher, Fire hydrant, and Fire-alarm facility is available at each floor along with all safety measures.
- Students are provided with 24-hr Wi-Fi-facility for their curriculum requirements.
- RO-drinking water is provided to all students.
- My-loft library access is available to all students to access e-content.
- Separate books section is available in the department for competitive examinations which is periodically renewed with latest edition of books.
- Bus facility is provided to all students.
- Cafeteria service is also available in campus with high level of hygiene standards.
- Herbal Garden is maintained to provide hands-on learning experience.
- Library is equipped with separate sections of issue, reading, reference and reprography facility.
- Separate Girls and Boys common room are available for students.
- Student activity Room is always abuzz with indoor activities of carrom, chess and ludo.

| Sr. No. | Room No. | Room Type (Mention Class Room / Lab/ Seminar Hall/ Auditorium) | Carpet Area (in sq. m.) |
|---------|----------|---|-------------------------|
| 1 | 108 | Class room | 90 |
| | 115 | Class room | 90 |
| | 206 | Class room | 90 |
| | 212 | Class room | 90 |
| | 213 | Class room | 90 |
| | 216 | Class room | 90 |
| | 217 | Class room | 90 |
| | 303 | Class room | 90 |
| | 307 | Class room | 90 |
| | 308 | Class room | 90 |
| | 410 | Class room | 90 |
| | 414 | Class room | 90 |
| 2 | 101 | Admission & Exam cell | 45 |
| | 102 | Board Room | 45 |
| | 103 | Training & Placement Center (Incubation & Entrepreneurship Center) | 45 |

| | | | |
|---|--------|---------------------------------|------|
| 3 | 104 | Central Machine Lab | 180 |
| | 114 | Sophisticated Instrument Center | 90 |
| | 215 | Seminar hall/ GD room | 90 |
| | 301 | Tutorial room | 90 |
| | 312 | Tutorial room | 45 |
| | 401 | Tutorial room | 45 |
| | 406 | Tutorial room | 45 |
| 4 | 202 | Conference Hall | 135 |
| | 416 | Boys common room | 90 |
| | 402 | Girls common room | 90 |
| | 304 | Student activity room | 180 |
| | 310 | Record room | 45 |
| 5 | Shared | Auditorium | 1000 |

**Smart class****Seminar Room****Fire alarm****Girls common room****Class room****Class room****Animal house****Stadium**

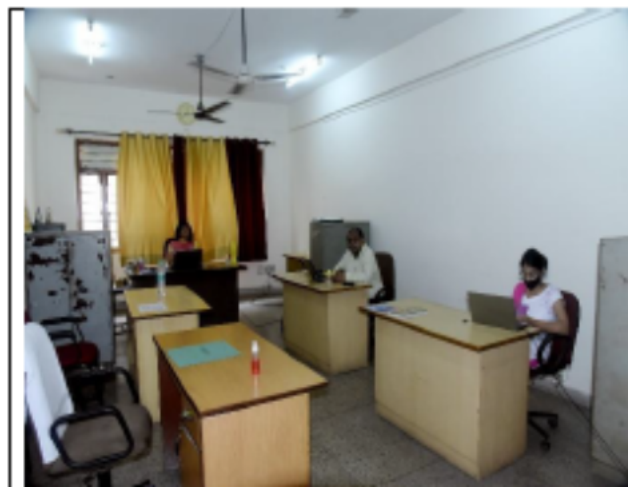
**Lawn Tennis Court****Auditorium****Gymnasium****Ganesh Mandir****Students mall****Canteen****6.2 Faculty rooms (10)**

Total Marks 10.00

HOD Cabin of size 10 sq mtr. And faculty room (cabins) of size 45.00 sq.m is available to accommodate all HOD's and faculty members. The faculty cabins can accommodate four staff members.

The faculty rooms (cabins) are equipped with chairs, tables, tube lights, fans, windows for proper air circulation, intercom, computer system with internet facility through LAN.

| Sr. No. | Room No. | Room type | Shared/ Exclusive | Carpet area (In Sq. Mtr.) |
|---------|----------|--------------|--|------------------------------|
| 1 | | HOD Room | Shared (No. of Rooms: 04) | 10 |
| | 106 | | | 45 |
| | 203 | Faculty Room | | 45 |
| | 204 | Faculty Room | | 45 |
| | 205 | Faculty Room | | 45 |
| 2 | 305 | Faculty Room | Each room shared by 4 faculty members (No. of Rooms: 09) | 45 |
| | 311 | Faculty Room | | 45 |
| | 313 | Faculty Room | | 45 |
| | 407 | Faculty Room | | 45 |
| | 413 | | | 45 |



Faculty rooms



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

Total Marks 60.00

Sufficient laboratories including preparation room are available with required equipments and other necessary facilities.

- The facilities such as gas, water, drainage, fire extinguishers, first aid boxes, fuming (Chemistry Dept.) cupboards, exhaust fans, etc., are available in each laboratory.
- In all laboratories good electrical and plumbing facilities are provided adequately.
- The B. Pharm students are allowed to use Central Instrument room for research purpose.
- The number of experiments conducted for each subject in the laboratory is followed as per the AKTU/PCI syllabus.

The details of the list of instruments and equipment's available are tabulated below:

| S.No. | Name of instruments | Quantity | Model No./ Company Name | Year of purchase | Code |
|-------|--------------------------------------|----------|----------------------------|---------------------|--------------------------|
| 1 | Hot air Oven (P'ceutics) | 07 | Swastick | 2001 | NIEC/OVEN/2001/1 |
| | | | LSI | 2001 | NIEC/OVEN/2001/2 |
| | | | KC | 2003 (2) | NIEC/OVEN/2003/3-4 |
| | | | Khera | 2005 | NIEC/OVEN/2005/5 |
| | | | LSI | 2019 | BBDNIIT/OVEN/2019/14 |
| | | | | 2020 | BBDNIIT/OVEN/2020/15 |
| 2 | Hot air Oven (P'chemistry) | 06 | KC | | NIEC/OVEN/2005/6 |
| | | | Swastick | 2005 | NIEC/OVEN/2005/7 |
| | | | S.I. | 2005 | NIEC/OVEN/2005/8 |
| | | | KC Scientific | 2005 | NIEC/OVEN/2005/10 |
| | | | LSI | 2007 | NIEC/OVEN/2007/11 |
| | | | KC Scientific | 2019 | BBDNIIT/OVEN/2019/12 |
| | | | | 2019 | BBDNIIT/OVEN/2019/13 |
| | Hot air Oven (P'cognosy) | 01 | KC | 2005 | NIEC/OVEN/2005/9 |
| | Digital balance (P'ceutics) | 09 | Wensar | 2009 | NIEC/D.B./2009/5 |
| | | | Contech | 2019 (2) | BBDNIIT/D.B./2019/15-16 |
| | | | Wensar | 2019 (2) | BBDNIIT/D. B./2019/17-18 |
| | | | Contech | 2009 (2) | NIEC/D. B./2009/6-7 |
| | | | Wensar ECB-300 | 2019 | BBDNIIT/D. B./2019/19 |
| | | | Contech Ct-125 | 2019 | BBDNIIT/D. B./2019/20 |
| | Digital balance (P'chemistry) | 08 | Contech | 2002 | NIEC/D. B./2002/1 |
| | | | Contech | 2007 | NIEC/D. B./2007/2 |
| | | | Contech | 2009 (2) | NIEC/D. B./2009/8-9 |
| | | | Wensar | 2017 | BBDNIIT/D. B./2017/13 |
| | | | Contech Ct-125 | 2009 | NIEC/D. B./2009/10 |
| | | | WensarCT-300 | 2019 | BBDNIIT/D. BAL./2019/21 |
| | | | Wensar ECB-300 | 2022 | BBDNIIT/D. B./2022/23 |
| | Digital balance (P'cognosy) | 01 | Contech | 2009 | NIEC/D. B./2009/11 |
| | Digital balance (P'cology) | 02 | Contech CT-125 | 2019 | BBDNIIT/D. B./2019/22 |
| | Digital balance (Instrument room) | 03 | Shimadzu | 2004 | NIEC/D. B./2004/3 |
| | | | Aczet | 2004 | NIEC/D. B./2004/4 |
| | | | Contech CA-123 | 2015 | BBDNIIT/D. B./2015/12 |
| | Digital balance (Machine room) | 01 | Contech CT-300 | 2017 | BBDNIIT/D. B./2017/14 |

| | | | | | |
|---|---------------------------------------|----|---|-----------|----------------------------|
| 3 | Magnetic stirrer (P'ceutics) | 17 | KC | 2004 | NIEC/MAG. S/2004/1 |
| | | | | 2010 (4) | NIEC/MAG. S/2010/16-19 |
| | | | | 2011 | NIEC/MAG. S/2011/20 |
| | | | | 2012 (4) | BBDNIIT/MAG. S/2012/21-24 |
| | Magnetic stirrer (P'chemistry) | 14 | LH KC KC KC | 2005 | NIEC/MAG. S/2005/2 |
| | | | | 2007(03) | NIEC/MAG. S/2007/3-5 |
| | | | | 2008 (07) | NIEC/MAG. S/2008/6-12 |
| | | | | 2009 (03) | NIEC/MAG. S/2009/13-15 |
| 4 | Mechanical stirrer (P'ceutics) | 09 | Zoom Zoom Remi motors Remi motors | 2007(02) | NIEC/MECH. S./2007/2-3 |
| | | | | 2008 | NIEC/MECH. S./2008/4 |
| | | | | 2009(02) | NIEC/MECH. S./2009/5-6 |
| | | | | 2015 (04) | BBDNIIT/MECH. S./2015/9-12 |
| | Mechanical stirrer (P'chemistry) | 01 | Zoom | 2004 | NIEC/MECH. S./2004/1 |
| | Mechanical stirrer (Machine room) | 02 | Rolex | 2009(2) | NIEC/MECH. S./2009/7-8 |
| 5 | Autoclave (P'ceutics) | 03 | NA NA NA | 2003 | NIEC/ACL/2003/1 |
| | | | | 2004 | NIEC/ACL/2004/2 |
| | | | | 2007 | NIEC/ACL/2007/3 |
| 6 | Vacuum pump (P'ceutics) | 04 | GE motors Farcovac Farcovac Value | 2003 | NIEC/V. PUMP/2003/1 |
| | | | | 2005 | NIEC/V. PUMP/2005/3 |
| | | | | 2007 | NIEC/V. PUMP/2007/6 |
| | | | | 2019 | BBDNIIT/V. PUMP/2019/10 |
| | Vacuum pump (P'chemistry) | 05 | Farcovac Farcovac/ Greaves Farcovac Crompton | 2003 | NIEC/V.PUMP/2003/2 |
| | | | | 2005 (02) | NIEC/V.PUMP/2005/4-5 |
| | | | | 2007 | NIEC/V. PUMP/2007/7 |
| | | | | 2009 | NIEC/V. PUMP/2009/9 |
| | Vacuum pump (Machine room) | 01 | Promivac | 2007 | NIEC/V. PUMP/2007/8 |
| 7 | Stop Watch (P'ceutics) | 20 | Diamond | 2003 (03) | NIEC/S. W./2003/4-6 |
| | | | | 2004 (02) | NIEC/S. W./2004/7-8 |
| | | | | 2008 (04) | NIEC/S. W./2008/9-12 |
| | | | | 2009 (03) | NIEC/S. W./2009/13-15 |
| | | | | 2010 (05) | NIEC/S. W./2010/16-20 |
| | Stop Watch (P'chemistry) | 03 | Diamond | 2018(02) | BBDNIIT/S. W./2018/24-25 |
| | | | | 2019 | BBDNIIT/S. W./2019/29 |
| | Stop Watch (P' cology) | 24 | Diamond Racer | 2002(03) | NIEC/S. W./2002/1-3 |
| | | | | 2010 (03) | BBDNIIT/S. W./2010/21-23 |
| | | | | 2019 (06) | BBDNIIT/S. W./2019/30-35 |
| | | | | 2022 (12) | BBDNIIT/S. W./2022/36-47 |
| 8 | Clarity test apparatus (P'ceutics) | 01 | Kova | 2004 | NIEC/CL. T. A./2004/1 |

| | | | | | |
|----|---------------------------------------|----|------------------------------------|--|---|
| 9 | Hand grinder machine (P'ceutics) | 05 | NA | 2003 (02) 2016 (02) 2019 (01) | NIEC/H. G./2003/1-2 BBDNIIT/H. G./2003/3-4 BBDNIIT/H. G./2003/5 |
| 10 | Vernier Caliper (P'ceutics) | 03 | NA | 2005 (03) | NIEC/V. C./2003/1-3 |
| 11 | Tablet hardness tester (P'ceutics) | 02 | Monsantao | 2003 2019 | NIEC/MON/2003/1 BBDNIIT/MON/2019/1 |
| | Tablet hardness tester (P'ceutics) | 06 | Pfizer | 2004 (02) 2008 (02) 2009 2019 | NIEC/PFZR/2004/1-2 NIEC/PFZR/2008/3-4 NIEC/PFZR/2009/5 BBDNIIT/PFZR/2019/6 |
| 12 | Tablet counter tray (P'ceutics) | 02 | Khera | 2003 | NIEC/T. C./2003/1-2 |
| 13 | Atta Maker (P'ceutics) | 01 | Ritu hygenic | 2015 | BBDNIIT/A. M./2015/1 |
| 14 | Lipstic Mold (P'ceutics) | 05 | NA | 2009 | NIEC/L. M./2009/1-5 |
| 15 | Suppository Mold (P'ceutics) | 10 | NA | 2002 | NIEC/S. M./2002/1-10 |
| 16 | Deionizer (P'ceutics) | 01 | NA | 2005 | NIEC/DIONZR/2005/1 |
| 17 | Dispensing balance (P'ceutics) | 27 | Star brand | 2001 (09) 2003 (05) 2004 (05) 2019 (08) | NIEC/DIS. B./2001/1-9 NIEC/DIS. B./2003/11-15 NIEC/DIS. B./2004/16-20 BBDNIIT/DIS. B./2019/27-34 |
| | Dispensing balance (P' Chemistry) | 07 | Star brand | 2002 2005 2006 2007 (03) 2009 | NIEC/DIS. B./2002/10 NIEC/DIS. B./2005/21 NIEC/DIS. B./2006/22 NIEC/DIS. B./2007/23-25 NIEC/DIS. B./2009/26 |
| 18 | Vortex mixer (P'ceutics) | 04 | khea | 2005 2007 2009 (02) | NIEC/VRTX. M./2005/1 NIEC/VRTX. M./2007/2 NIEC/VRTX. M./2009/3-4 |
| 19 | Physical balance | 02 | Rolex | 2004 | NIEC/PH. B./2004/1-2 |
| 20 | Analytical balance (P'ceutics) | 13 | Bikas Vigyan Sunshine | 2003 (09) 2004 (02) 2009 (02) | NIEC/ANA. B./2003/1-9 NIEC/ANA. B./2004/10-11 NIEC/ANA. B./2009/22-23 |
| | Analytical balance (P' Chemistry) | 13 | Vikas K. Roy Vigyan Bikas | 2007 (07) 2007(03) 2009 (02) 2009 | NIEC/ANA. B./2007/12-18 NIEC/ANA. B./2003/19-21 NIEC/ANA. B./2009/24-25 NIEC/ANA. B./2009/26 |
| 21 | Mixer grinder (P'ceutics) | 03 | Radha Bajaj | 2004(02) 2004 | NIEC/MIX. G./2004/1-2 NIEC/MIX. G./2004/3 |

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| | | | | | |
|------------|--|----|--------------------------------|-----------------------|------------------------|
| | Digital pH meter (P' Chemistry) | 03 | 111E Ms electronics | 2006 | NIEC/D.pH M./2006/2 |
| | | | 322/196 Hanna instruments | 2005 | NIEC/D.pH M./2005/1 |
| | | | 111E Ms electronics | 2007 | NIEC/D.pH M./2007/3 |
| | Digital pH meter (Instrument room) | 03 | EI-112 | 2009 | NIEC/D.pH M./2009/4 |
| | | | WPH-10 | 2011 | NIEC/D.pH M./2011/5 |
| | | | LMPH-10 labman | 2015 | BBDNIIT/D.pH M./2015/7 |
| 27 | Centrifuge Machine (P' ceutics) | 05 | Almicro | 2004(02) | NIEC/C. M./2004/1-2 |
| | | | | 2005 (02) | NIEC/C. M./2005/3-4 |
| | | | | 2013 (01) | BBDNIIT/C. M./2013/11 |
| | Centrifuge Machine (P' Chemistry) | 02 | Almicro Dolphin | 2006 | NIEC/C. M./2006/5 |
| | | | | 2009 | NIEC/C. M./2009/6 |
| | Micro Centrifuge Machine (INST. ROOM) | 01 | Dolphine | 2009 | NIEC/C. M./2009/7 |
| | Mini Centrifuge Machine (INST. ROOM) | 01 | Sprout | 2009 | NIEC/C. M./2009/8 |
| | Refrigerated Centrifuge Machine (INST. ROOM) | 02 | Bio Lab-120RS | 2009 | NIEC/C. M./2009/9 |
| | | | Sigma 3018K | 2009 | NIEC/C. M./2009/10 |
| 28 | Ball mill (P' ceutics) | 01 | Popular traders | 2001 | NIEC/B. M./2001/1 |
| | Ball mill (Machine room) | 01 | Speed way | 2001 | NIEC/B. M./2001/2 |
| 29 | Electrical water bath (P' ceutics) | 01 | Ambassador | 2004 | NIEC/E.W. B./2004/1 |
| | Electrical water bath (P' Chemistry) | 05 | Science tech (thermostatic) | 2005 | NIEC/E.W. B./2005/2 |
| | | | KC | 2007(02) | NIEC/E.W. B./2007/4-5 |
| Ambassador | | | 2009(02) | NIEC/E.W. B./2009/6-7 | |
| | Electrical water bath (P' Cognosy) | 01 | KC | 2006 | NIEC/E.W. B./2006/3 |
| 30 | Sling phychrometer (P' ceutics) | 09 | NA | 2008 | NIEC/S. P./2008/1-9 |
| 31 | Screw gauze (P' ceutics) | 02 | NA | 2013 | BBDNIIT/S. G./2013/1-2 |
| 32 | Abbe's Refractometer (P' ceutics) | 02 | Pragya | 2009 | NIEC/A. R./2009/1-2 |
| 33 | Heating mantle (P' ceutics) | 17 | KC | 2002 (05) | NIEC/H.M./2002/8-12 |
| | | | | 2004 (05) | NIEC/H.M./2004/17-21 |
| | | | | 2005 (07) | NIEC/H.M./2005/28-34 |

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|----|---|----|--|---|--|
| | Heating mantle (P' Chemistry) | 25 | Ajay Elcon | 2001 (04) 2002 (03) 2003 (02) 2004 (05) 2005 (06) 2006 2009 (03) 2010 (01) | NIEC/H.M./2001/1-4 NIEC/H.M./2002/5-7 NIEC/H.M./2003/13-14 NIEC/H.M./2004/22-26 NIEC/H.M./2005/35-40 NIEC/H.M./2006/43 NIEC/H.M./2009/44-46 NIEC/H.M./2010/47 |
| | Heating mantle (P' Cognosy) | 04 | NA | 2003 (02) 2005 (02) | NIEC/H.M./2003/15-16 NIEC/H.M./2005/41-42 |
| | Heating mantle (P' Cology) | 01 | Elcon | 2004 | NIEC/H.M./2004/27 |
| 34 | Water cooler | 02 | USA | 2016 | BBDNIIT/W. C./2016/1-2 |
| 35 | Antibiotic Zone reader (P' ceutics) | 01 | Khera | 2009 | NIEC/ZONE R./2009/1 |
| 36 | Disillation water plant (P' Chemistry) | 03 | Basic/ PH-4 GE yurv scientific instruments | 2009 (02) 2019 | NIEC/D. W. P./2009/2-3 BBDNIIT/D. W. P./2019/4 |
| | Disillation water plant (P' Cology) | 01 | Basic-PH4 Bhanu scientific instrument | 2000 | NIEC/D. W. P./2000/1 |
| 37 | Digital colony counter (P' ceutics) | 02 | Laboholic Khera | 2003 2009 | NIEC/COL.C./2003/1 NIEC/COL. C./2009/2 |
| 38 | Deep freezer (P' ceutics) | 02 | Spencers(-80°) Voltas (-20°) | 2009 2018 | NIEC/D.F./2009/1 BBDNIIT/D.F./2018/2 |
| | Deep freezer (Research lab) | 02 | Labguard (-20°) Instames (-20°) | 2022 2022 | BBDNIIT/D.F./2022/3 BBDNIIT/D.F./2022/4 |
| 39 | BOD incubator (P' ceutics) | 03 | KC | 2007(02) 2009 | NIEC/BD. I./2007/1-2 NIEC/BD. I./2009/3 |
| 40 | Orbital shaker (P' ceutics) | 01 | KC | 2009 | NIEC/O. S./2009/1 |
| 41 | CO ₂ incubator (P' ceutics) | 01 | N.Biotech | 2012 | BBDNIIT/C. IN./2012/1 |
| 42 | Spirometer (P' ceutics) | 02 | Almicro | 2009 (02) | NIEC/SP. M./2009/2-3 |
| | Spirometer (P' Cology) | 01 | Almicro | 2001 | NIEC/SP. M./2009/1 |
| 43 | Bio safety cabinet (P' ceutics) | 01 | Science tech | 2007 | NIEC/BIO. S. C./2007/1 |
| | Bio safety cabinet (P' Chemistry) | 01 | KC 558 | 2007 | NIEC/BIO. S. C/2007/2 |
| 44 | Incubator (P' ceutics) | 01 | Science tech | 2004 | NIEC/INCUB./2004/1 |
| 45 | Micropipette (P' ceutics) | 02 | 5XX-TRPSC | 2006 | NIEC/M. P./2006/1-2 |

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|----|---|----|--|--|---|
| | Laminar flow | | | | |
| 46 | Bench (P'ceutics) | 01 | KC | 2003 | NIEC/L. A.F. /2003/1 |
| | Laminar flow Bench (Research lab) | 01 | KC | 2009 | NIEC/L. A.F./2009/2 |
| 47 | Air filter | 01 | KC | 2007 | NIEC/ A. F./2007/1 |
| | Melting point apparatus (P'ceutics) | 02 | NA | 2001 2006 | NIEC/M.P. Ap./2001/1 NIEC/M.P. AP./2006/7 |
| | Melting point apparatus (P' Chemistry) | 09 | Shivam Elcon | 2002 (03) 2004 2005 2007(02) 2009 (02) | NIEC/M.P. AP./2002/2-4 NIEC/M.P. AP./2004/5 NIEC/M.P. AP./2005/6 NIEC/M.P. AP./2007/8-9 NIEC//M.P. AP./2009/10-11 |
| 48 | Tablet disintegration apparatus (P'ceutics) | 01 | NA | 2009 | NIEC/T. D. A./2009/3 |
| | Tablet disintegration apparatus (Instrument room) | 01 | NA | 2009 | NIEC/T. D. A./2009/2 |
| | Tablet disintegration apparatus (Instrument room) | 01 | ROLEX | 2009 | NIEC/T. D. A./2009/1 |
| | Tablet dissolution apparatus | 01 | Rolex | 2007 | NIEC/T. D. A./2007/1 |
| | Tablet dissolution apparatus (Instrument room) | 04 | Vego(VDA-6D(USP) EI-912 | 2007 2009(02) 2007 | NIEC/T. D. A./2007/2 NIEC/T. D. A./2009/4-5 NIEC/T. D. A./2007/3 |
| 49 | Compound microscope (P'ceutics) | 03 | Labstar Almicro Oscar | 2002 2019 2022 | NIEC/C. M./2002/3 BBDNIIT/C. M./2019/63 BBDNIIT/C. M./2022/64 |
| | Compound microscope (Research lab) | 01 | Oscar | 2009 | NIEC/C. M./2009/55 |
| | Compound microscope (P' cognosy) | 45 | Alphs Almicro Oscar Purolab Labstar Labcron | 2002(5) 2003(5) 2004(5) 2005(5) 2006(5) 2007(5) 2008(8) 2009(7) | NIEC/C. M./2002/4-8 NIEC/C. M./2003/9-13 NIEC/C. M./2004/14-18 NIEC/C. M./2005/27-31 NIEC/C. M./2006/32-36 NIEC/C. M./2007/37-41 NIEC/C. M./2008/47-54 NIEC/C. M./2009/56-62 |

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|----|--|----|--|---|--|
| | Compound microscope (P' Cology) | 22 | Labstar Almicro Oscar Puro Almicro | 2001 (02) 2004 (08) 2007 (04) 2007 2022(7) | NIEC/C. M./2001/1-2 NIEC/C. M./2004/19-26 NIEC/C. M./2007/42-45 NIEC/C. M./2007/46 NIEC/C. M./2022/65-71 |
| 50 | Simple microscope (P' Cognosy) | 05 | NA | 2002 | NIEC/S. M./2002/1-5/ |
| 51 | Camera lucida (P' Cognosy) | 29 | NA | 2002-2010 | NIEC/C. L./2002/1-10 NIEC/C. L./2005/11-15 NIEC/C. L./2010/16-29 |
| 52 | Projection microscope (P' Cognosy) | 01 | Dolphin | 2016 | BBDNIIT/P. M./2016/1 |
| 53 | Trinocular microscope (P' ceutics) | 01 | Oscar | 2019 | BBDNIIT/T. M./2019/2 |
| | Trinocular microscope (P' Chemistry) | 01 | PZQ-1065 Quasmo | 2019 | BBDNIIT/T. M./2019/3 |
| | Trinocular microscope (INST. ROOM) | 01 | LABOMED | 2009 | NIEC/T. M./2009/1 |
| | Trinocular microscope (INST. ROOM) | 01 | OLYMPUS | 2019 | BBDNIIT/T. M./2019/4 |
| 54 | Herbarium Press (P' Cognosy) | 01 | NA | 2015 | BBDNIIT/H. P./2015/1 |
| 55 | Flask shaker (P' ceutics) | 03 | Mkown Optic Optic | 2005 2006 2009 | NIEC/F. S./2005/1 NIEC/F. S./2006/3 NIEC/F. S./2009/4 |
| | Flask shaker (Wrist hand shakers) (P' Chemistry) | 01 | Optic Mkow | 2005 | NIEC/F. S./2005/2 |
| 56 | Dessicator (P' ceutics) | 01 | NA | 2004 | NIEC/DESI./2004/10 |
| | Dessicator (P' Chemistry) | 14 | NA | 2002 (04) 2003 (03) 2004 (02) 2005 (03) 2007 (02) | NIEC/DESI./2002/1-4 NIEC/DESI./2003/5-7 NIEC/DESI./2004/8-9 NIEC/DESI./2005/11-13 NIEC/DESI./2007/14-15 |
| 57 | Tissue homogenizer (P' ceutics) | 02 | NA | 2015 | BBDNIIT/T. H./2015/2-3 |
| | Tissue homogenizer (Research lab) | 01 | Prompt | 2009 | NIEC/T. H./2009/1 |
| 58 | Humidity Control Cabinet (P' ceutics) | 01 | Khera | 2009 | NIEC/H. C./2009/1 |
| 59 | Morris water maze (P' cology) | 01 | NA | 2014 | BBDNIIT/M. W. M./2014/1 |
| 60 | Muffle Furnace (P' Cognosy) | 01 | KC | 2007 | NIEC/M. F./2007/2 |

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|----|---|----|---------------------------------------|-------------------------------------|---|
| | Muffle Furnace (P' Chemistry) | 01 | Shivam instruments | 2004 | NIEC/M. F./2007/1 |
| 61 | Refrigerator (P' ceutics) | 01 | Whirlpool | 2022 | BBDNIIT/REFR./2022/4 |
| | Refrigerator (P' Chemistry) | 01 | Electrolux | 2014 | BBDNIIT/REFR./2014/1 |
| | Refrigerator (Instrument room) | 02 | Whirlpool | 2019 | BBDNIIT/REFR./2019/2 |
| | | | Samsung | 2022 | BBDNIIT/REFR./2022/5 |
| | | | Kelvinator | 2022 | BBDNIIT/REFR./2022/6 |
| | Refrigerator (Office) | 01 | Samsung | 2021 | BBDNIIT/REFR./2021/3 |
| 62 | Digital conductivity meter (P' Chemistry) | 02 | EI | 2007 | NIEC/D. C./2007/1-2 |
| 63 | Potentiometer (P' Chemistry) | 01 | EI 118/serial0901049 | 2006 | NIEC/POTE. M./2006/1 |
| 64 | Kibb's apparatus (P' Chemistry) | 02 | NA | 2001 2007 | NIEC/K. APP./2001/1 NIEC/K. APP./2007/2 |
| 65 | Atomic model set (P' Chemistry) | 02 | Polylab | 2002 (02) | NIEC/A. MOD./2002/1-2 |
| 66 | Steel water still (P' Chemistry) | 01 | NA | 2007 | NIEC/D. CON./2007/1 |
| 67 | Electric oil bath (P' Chemistry) | 02 | KC scientific emporium | 2005 2007 | NIEC/E. O. B./2005/1 NIEC/E. O. B./2007/2 |
| 68 | Refrigerated water bath with heating (P' Chemistry) | 01 | KC | 2009 | NIEC/R. W. B./2009/1 |
| 69 | Microwave oven (P' Chemistry) | 01 | LG MS-2342A5 | 2006 | NIEC/M. OVEN/2006/1 |
| 70 | UV cabinet (P' Chemistry) | 01 | 7053 Gurunanak instrument | 2006 | NIEC/UV CAB./2006/1 |
| 71 | Vacuum rotatory Apparatus (P' Chemistry) | 04 | Klura instruments Khera Kshitiz | 2007 2019 2020 (02) | NIEC/V. R. AP./2007/1 BBDNIIT/V. R. AP./2019/2 BBDNIIT/V. R. AP./2020/3-4 |
| 72 | Dimmerstat (P' Chemistry) | 06 | Jyoti India | 2007 (02) 2008 (02) 2009 (02) | NIEC/D.SET/2007/1-2 NIEC/D.SET/2007/3-4 NIEC/D.SET/2007/5-6 |
| 73 | Digital photocolormeter (P' Chemistry) | 02 | EI-312 Labtronics-12 | 2003 2004 | NIEC/D.P./2003/1 NIEC/D.P. /2004/2 |
| 74 | Monopan balance (P' Chemistry) | 01 | Sigma/200/08 Popular india | 2001 | NIEC/M. BAL./2001/1 |
| | Monopan balance (P' Cology) | 01 | Metro | 2004 | NIEC/M. BAL./2004/2 |
| 75 | Microtome (P' Chemistry) | 01 | Wesbox | 2013 | BBDNIIT/M. TOME/2013/2 |
| | Microtome (P' Cology) | 01 | Micron | 2007 | NIEC/M. TOME/2007/1 |

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|----|---|-------|--|--|---|
| 76 | Rectangular Maze (P' Chemistry) | 01 | Mesicraft SIIE12 | 2003 | NIEC/R. MAZE/2003/1 |
| 77 | IR moisture balance (P' Chemistry) | 01 | 7037 Gurunanak instruments | 2007 | NIEC/IR M. BAL./2007/1 |
| 78 | Dissection maze (P' Cology) | 01 | NA | 2003 | NIEC/D. MAZE./2003/1 |
| 79 | Plethysmometer with mercury(P' Cology) | 02 | NA | 2009 | NIEC/P. M./2009/1-2 |
| 80 | Student organ bath (P' Cology) | 28 | Almicro | 2003 | NIEC/S. O. B./2007/1-28 |
| 81 | Double unit organ bath (P' Cology) | 02 | Almicro | 2003 2004 | NIEC/D.U.O. B./2003/1 NIEC/D.U.O. B./2004/2 |
| 82 | Organ bath (P' Cology) | 13 | Oscar | 2018 | BBDNIIT/S. O. B./2007/1-13 |
| 83 | Grocer's balance | 05 | Eagle Dowelbrawn | 2001 (02) 2003 (03) | NIEC/G. B./2001/1-2 NIEC/G. B./2003/4-5 |
| 84 | Oxygen cylinder (P' Cology) | 01 | NA | 2001 | NIEC/OXY. C./2001/1 |
| 85 | Heamometer (P' Cology) | 22+21 | T-20BO3 Marienfield Gem TT-3 Toptech | 2002 (07) 2003 (05) 2006 (10) 2008 (21) | NIEC/H.MET./2002/1-7 NIEC/H.MET./2003/8-12 NIEC/H.MET./2006/13-22 NIEC/H.MET./2008/23-41 |
| 86 | Stethoscope (P' Cology) | 17 | Longlife Surgimision | 2008 | NIEC/ST.SC./2008/1-17 |
| 87 | BP set (P' Cology) | 08 | Bioplus Royal delux Omega Payoda | 2001 (02) 2002 (02) 2004 (02) 2008 (02) | NIEC/BP. SET/2001/1-2 NIEC/BP. SET/2002/3-4 NIEC/BP. SET/2004/5-6 NIEC/BP. SET/2008/7-8 |
| 88 | Student stimulator (P' Cology) | 01 | NA | 2009 | NIEC/ST. STIM../2009/1 |
| 89 | Analgesiometer (P' Cology) | 01 | Medicraft | 2003 | NIEC/ANAL.M./2003/1 |
| | Analgesiometer (Eddy's hot plate) (P' Cology) | 01 | Medicraft | 2003 | NIEC/E. H. PL./2003/1 |
| 90 | Electroconvulsiometer (P' Cology) | 01 | Medicraft | 2003 | NIEC/EL.CONV./2003/1 |
| 91 | Rota rod (P' Cology) | 01 | 519-2C Medicraft | 2003 | NIEC/ROT. R./2003/1 |
| 92 | Pol climbing apparatus (P' Cology) | 01 | 905 Medicraft | 2003 | NIEC/P. C. AP./2003/1 |
| 93 | Actophotometer (P' Cology) | 01 | 800M-4D Medicraft | 2003 | NIEC/ACTO, M./2003/1 |
| 94 | Telethermometer (P' Cology) | 01 | NA | 2003 | NIEC/T. M./2003/1 |
| 95 | Histamine chamber (P' Cology) | 01 | NA | 2003 | NIEC/HIS. CH./2003/1 |

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|-----|---|-------|------------------|---|---|
| 96 | Balance for small animals (P' Cology) | 01+05 | Braun | 2001 2003(05) | NIEC/BAL. /2001/1 NIEC/BAL./2003/2-6 |
| 97 | ESR TUBE & ESR stand (P' Cology) | 06 | NA | 2002 2022 | NIEC/E. T. ST./2002/1-3 BBDNIIT/E. T. ST/2022/4-6 |
| 98 | ECG machine (P' Cology) | 01 | NA | 2004 | NIEC/ECG M./2004/1 |
| 99 | Dissection box (P' Cology) | 01 | Omega | 2004 | NIEC/ECG M./2004/1 |
| 100 | Digital wt. And fat machine (BMI) (P' Cology) | 01 | Samso | 2019 | BBDNIIT/BMI/2019/1 |
| 101 | Aerator (P' Cology) | 01 | AP208 Venus aqua | 2012 | BBDNIIT/AER./2012/1 |
| 102 | Neubaus chamber or Counting chamber (P' Cology) | 37 | Rohem | 2001(15) 2003 (12) 2005 (05) 2007(03) 2008 (02) | NIEC/NEU. CH./2001/1-15 NIEC/NEU. CH./2003/16-27 NIEC/NEU. CH./2005/28-32 NIEC/NEU. CH./2007/33-35 NIEC/NEU. CH./2008/36-37 |
| 103 | Urinometer (P' Cology) | 15 | NA | 2001 | NIEC/U. M./2001/1-15 |
| 104 | Digital thermometer (P' Cology) | 01 | Thermon | 2022 | BBDNIIT/D. TH./2022/01 |
| 105 | Mechanical Bathroom scale | 01 | MN BS945 venus | NA | BBDNIIT/M. Both./1 |
| 106 | Digital Melting Point Apparatus | 03 | Dolphin | Available | BBDNIIT/M.P.A./2023/1-3 |

| Sophisticated Instrument Center | | | | | |
|---------------------------------|-----------------------|--------------------|------|--------------|--------------------------------------|
| S.No. | Name of Instruments | Make/ Model | Year | SOP/Log Book | Code |
| 1. | UV- Spectrophotometer | Shimadzu 1700 | 2007 | Available | NIEC/I.R./UV/SHIMAZDU/2007/1 |
| 2. | UV- Spectrophotometer | Systronics-2202 | 2004 | Available | NIEC/I.RUV/SYSTRONIC/2004/1 |
| 3. | UV- Spectrophotometer | Systronics-2202 TS | 2023 | Available | NIEC/I.RUV/SYSTRONIC/2023/2 |
| 4. | HPLC | Cyber lab | 2009 | Available | NIEC/ I.R./HPLC/CYBER LAB/2009/1 |
| 5. | HPLC | Shimadzu | 2011 | Available | NIEC/I.R./HPLC/SHIMADZU/20011/1 |
| 6. | Probe Sonicator | Pro-500 | 2015 | Available | BBDNIIT/ I.R /P.SONI./PR0-500/2015/1 |
| 7. | Probe Sonicator | Sartorius | 2015 | Available | BBDNIIT/ I.R /P. SONI./2015/1 |
| 8. | Digital Balance | Shimadzu | 2004 | Available | NIEC/ I.R./D.B./SHIMADZU/2004/3 |
| 9. | Digital Balance | Aczet | 2004 | Available | NIEC/ I.R /D.B./ACZET/2004/4 |

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| 10. | Digital Balance | Contec CA-123 | 2015 | Available | BBDNIIT/ I.R /D. B./CONTEC/2015/12 |
| 11. | FTIR | Shimadzu- 84005 | 2006 | Available | NIEC/ I.R /FTIR/SHIMADZU/2006/1 |
| 12. | FTIR | Alpha-II | 2021 | Available | BBDNIIT/ I.R /FTIR/BRUKER ALPHA-II/2021/1 |
| 13. | Viscometer | LMDV 100 | 2015 | Available | BBDNIIT/ I.R./VISCO./LNDV/2015/1 |
| 14. | Viscometer | Brookfield LDVI + Pro | 2019 | Available | BBDNIIT/ I.R/ VISCO./BROOK./2019/1 |
| 15. | Redwood Viscometer | Shivam | 2003 | Available | NIEC/ I.R /R.VISCO./2003/1 |
| 16. | Ultrasonic cleaner | D-68H | 2009 | Available | NIEC/ I.R /U. CL./2009/1 |
| 17. | Autoanalyzer | Saphire 120 | 2009 | Available | NIEC/ I.R /AUTOAN./2009/1 |
| 18. | Autoanalyzer | StatEas3300 | 2009 | Available | NIEC/ I.R /AUTOANAL./2009/2 |
| 19. | Digital Nephelometer | Khera | 2019 | NA | BBDNIIT/ I.R./D. NEPH./2019/1 |
| 20. | Microwave | LG | 2006 | NA | NIEC/ I.R./MICROWAVE/2006/1 |
| 21. | Photocolorimeter | 114 | 2003 | NA | NIEC/ I.R./PHO. C.M./2003/1 |
| 22. | Pellet Hydraulic Press | Shimazdu | 2005 | NA | NIEC/ I.R./P. H. P./2005/1 |
| 23. | Digital pH meter | Labman LMPH10 | 2015 | Available | BBDNIIT/ I.R /D. pH M./ LABMAN/2015/7 |
| 24. | Digital pH meter | Wensar WPH10 | 2011 | Available | BBDNIIT/ I.R./D. pH M./WENSAR/2011/5 |
| 25. | Digital pH Meter | Ei-112 | 2009 | Available | NIEC/ I.R /D. pH M/ EI-112/2009/4 |
| 26. | Auto Elisa Analyzer | Span diagnostic- 4011 | 2012 | NA | BBDNIIT/I.L./A.E. A./2012/1 |
| 27. | Trinocular Microscope | Labomed Ivu-1500 | 2009 | Available | NIEC/ I.R /T. MICRO./2009/1 |
| 28. | Micro Centrifuge | Dolphine | 2009 | Available | NIEC/ I.R./CEN. M./2009/7 |
| 29. | Mini Centrifuge | Sprout | 2009 | Available | NIEC/ I.R /CEN. M./2009/8 |
| 30. | Refrigerated Centrifuge | Bio Lab BL- 120RS | 2009 | Available | NIEC/ I.R /CEN. M./2009/9 BBDNIIT/CEN. M./2009/10 |
| 31. | Refrigerated Centrifuge | Sigma 3-18K | 2009 | Available | NIEC/ I.R /CEN. M./2009/10 |
| 32. | IR Moisture Balance | Guru Nanak instruments | 2008 | Available | NIEC/ I.R /IR M. B./2008/2 |
| 33. | Digital Friability Test Apparatus | EI-902 | 2003 | Available | NIEC/ I.R./D.FRI. A./2003/1 |
| 34. | Homogenizer | RemioTech RqT-127AD | 2015 | NA | BBDNIIT/ I.R /HOMO./2015/1 |
| 35. | Tablet Dissolution test Apparatus | Veego VDA- 6D(USP) | 2007 | Available | NIEC/ I.R /TAB. D. A./2009/2 |

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| 36. | Tablet Dissolution test Apparatus | Veego VDA-8D(USP) | 2023 | Available | BBDNIIT/ I.R /TAB. D. A./2023/3 |
| 37. | Auto Karl Fischer Titrimeter | EI-761E | 2001 | NA | NIEC/ I.R /A. K. FISCHER/2001/1 |
| 38. | Polarimeter | Wesbix Optic HLX-40 | 2002 | Available | NIEC/ I.R /POLARIMETER/2002/1 |
| 39. | Tablet Disintegration Test Apparatus | EI | 2009 | Available | NIEC/ I.R /TAB. D. A./2009/2 |
| 40. | Tablet Dissolution Test Apparatus(single) | EI-912 | 2009 | Available | NIEC/ I.R /TAB. D. A./2009/6 |
| 41. | Tablet Dissolution Test Apparatus(6 Holes) | Not Available | 2007 | Available | NIEC/ I.R /TAB. D. A./2007/3 |
| 42. | Tablet Dissolution Test Apparatus | Not Available | 2009 | Available | NIEC/ I.R /TAB. D.A.2009/4-5 |
| 43. | Synthesis Microwave Oven | Raga's Electro Magnetic System | 2011 | Available | NIEC/ I.R /S. M.OVEN/2011/1 |
| 44. | Rotatory Evaporator | IKA RV-10 | 2010 | NA | NIEC/ I.R./ROT. E./2010/1 |
| 45. | Elisa Plate Washer | Stafax 2600 | 2019 | Available | BBDNIIT/ I.R /ELI P. W./2019/1 |
| 46. | Elisa Reader | Awareness Tech INC | 2019 | Available | BBDNIIT/ I.R //ELI R./2019/1 |
| 47. | Trinocular microscope | Olympus | 2019 | Available | BBDNIIT/ I.R /TRI. MIC./2019/4 |
| 48. | Texture Analyzer | Stavin microsystem TA-XT2 | 2019 | Available | BBDNIIT/ I.R /TEX. A./2019/1 |
| 49. | U.V Chamber | Generic | 2017 | Available | BBDNIIT/ I.R./UV C./2017/2 |
| 50. | Flame photometer | Aimil | 2004 | NA | NIEC/ I.R /F. PH./2001/1 |
| 51. | Paper Gel Electrophoresis | Medox | 2009 | Available | NIEC/ I.R /P.G. EL.2009/1 |
| 52. | Photo fluorimeter | Dolphin152 | 2009 | Available | NIEC/ I.R./P. FLORI./2009/1 |
| 53. | Digital Potentiometer | EI-118 | 2009 | NA | NIEC/ I.R /D. POT./2000/1 |
| 54. | Refrigerator | Whirlpool | 2019 | NA | BBDNIIT/ I.R /REF./2019/1 |
| 55. | Diffusion Cell Apparatus | Dolphin | 2023 | Available | BBDNIIT/ I.R /D. C A./2023/1 |

Central Machine Lab

| S.No. | Name of Instruments | Make/Model | Year | SOP/Log Book | Code |
|-------|---|---------------|------|--------------|-------------------------------------|
| 1. | Tablet Disintegration App. | Rolex | 2004 | Available | NIEC/M.R./TAB. D. A./2004/1 |
| 2. | Tablet Compression Machine (Single Punch) | Rolex | 2009 | Available | NIEC/M.R./T. COMPR. M./2009/1 |
| 3. | Tablet Compression Machine (Double Punch) | Dolphin | 2009 | Available | NIEC/M.R./TAB. COMP. /2001/1 |
| 4. | Double Cone Mixer | Khera | 2009 | Available | NIEC/M.R./D.C. MIX./2009/1 |
| 5. | Digital Friabilator | Not Available | 2022 | Available | BBDNIIT/M.R./D. FRI./2022/1 |
| 6. | Ball Mill | Speedway | 2001 | Available | NIEC/M.R./BALL M./2001/1 |
| 7. | Ampoule Filling and Sealing | Khera | 2009 | Available | NIEC/M.R./AMP.F.&S. /2009/1 |
| 8. | Tube Crimping and sealing | Not Available | 2004 | Available | NIEC/M.R./TB.C. &S./2004/1 |
| 9. | Coating Pan | Rolex | 2004 | Available | NIEC/M.R./C.PAN/ROLEX/2004/1 |
| 10. | Capsule filling | Rolex | 2002 | Available | NIEC/M.R./CAP. FIL./2002/1 |
| 11. | Polishing Drum | Rolex | 2004 | Available | NIEC/M.R./POL. D./2004/1 |
| 12. | Cutter Mill | Not Available | NA | Available | NIEC/M.R./CUT. M./1 |
| 13. | Sedimentation Studies Apparatus | KC Engineer | 2022 | Available | BBDNIIT/M.R./SED. A./2022/1 |
| 14. | Mechanical Stirrer | Rolex | 2009 | Available | NIEC/M.R./MCH. S./2009/1 |
| 15. | Electronic Balance | Contech CT300 | 2017 | Available | BBDNIIT/M.R./D. B./2017/14 |
| 16. | Sieve Shaker | KC Engineer | 2004 | Available | NIEC/M.R./SEIV. S./2004/1 |
| 17. | Gyrator Sieve Shaker | KC Engineer | 2022 | Available | BBDNIIT/M.R./G.S. S./2022/1 |
| 18. | Ion Exchanger | KC | 2022 | Available | BBDNIIT/M.R./ION EXCHANG./KC/2022/1 |
| 19. | Polishing Drum | Rolex | 2004 | Available | NIEC/M.R./P.DRUM/2004/1 |
| 20. | Collapsible Tube Filling Machine | Rolex | 2004 | Available | NIEC/M.R./C.T.F. M./2004/1 |
| 21. | Bottle Sealing Machine | Ajendra meta | 2005 | Available | NIEC/M.R./BOT. S. M.2005/1 |
| 22. | Bottle Filling Machine | Ajendra meta | 2004 | Available | NIEC/M.R./BOT. F. M./2004/1 |
| 23. | Leaf Filter | KC | 2022 | Available | BBDNIIT/M.R./L. F./2022/1 |
| 24. | Plate and Frame Filter Press | KC | 2022 | Available | BBDNIIT/M.R./P. F. F. P./2022/1 |
| 25. | Liquid-Liq Extraction in Packed Tower | KC | 2022 | Available | BBDNIIT/M.R./LIQ-L. EXT. T./2022/1 |
| 26. | Vacuum Pump | Promivac | 2007 | Available | NIEC/M.R./V. PUMP/2007/1 |
| 27. | Automatic Single Punch Tablet Compression Machine | Dolphin | 2023 | Available | BBDNIIT/M.R./TAB.COMP. /2023/1 |

| Department: Pharmacy BBDNIIT (Computer Lab) | | | | | |
|---|--------------------------|---|--------------|------------------|--|
| S.No. | Type | Specification | Make & Model | Year of Purchase | Sr. No./Model No. |
| 1. | HCL Infinity Pro BL 1280 | Ram2GB, 160GB HDD, Pentium Dual E2160 | HCL | 2008 | PH.NIEC /CL/2008/PC-1 PH.NIEC /CL/2008/PC-2 PH.NIEC /CL/2008/PC-3 PH.NIEC /CL/2008/PC-4 PH.NIEC /CL/2008/PC-5 PH.NIEC /CL/2008/PC-6 PH.NIEC /CL/2008/PC-7 |
| 2. | Acer Veriton-IC6916 | RAM4GB, 1TB HDD, Intel I5 7 th Gen | ACER | 2019 | PH.BBDNIIT/CL/2019/PC-13 PH.BBDNIIT/CL/2019/PC-14 PH.BBDNIIT/CL/2019/PC-15 PH.BBDNIIT/CL/2019/PC-16 PH.BBDNIIT/CL/2019/PC-17 PH.BBDNIIT/CL/2019/PC-18 PH.BBDNIIT/CL/2019/PC-19 PH.BBDNIIT/CL/2019/PC-20 PH.BBDNIIT/CL/2019/PC-21 PH.BBDNIIT/CL/2019/PC-22 PH.BBDNIIT/CL/2019/PC-23 PH.BBDNIIT/CL/2019/PC-24 PH.BBDNIIT/CL/2019/PC-25 PH.BBDNIIT/CL/2019/PC-26 PH.BBDNIIT/CL/2019/PC-27 PH.BBDNIIT/CL/2019/PC-28 PH.BBDNIIT/CL/2019/PC-29 PH.BBDNIIT/CL/2019/PC-30 PH.BBDNIIT/CL/2019/PC-31 PH.BBDNIIT/CL/2019/PC-32 PH.BBDNIIT/CL/2019/PC-33 PH.BBDNIIT/CL/2019/PC-34 PH.BBDNIIT/CL/2019/PC-35 PH.BBDNIIT/CL/2019/PC-36 PH.BBDNIIT/CL/2019/PC-37 PH.BBDNIIT/CL/2019/PC-38 PH.BBDNIIT/CL/2019/PC-39 PH.BBDNIIT/CL/2019/PC-40 PH.BBDNIIT/CL/2019/PC-41 PH.BBDNIIT/CL/2019/PC-42 PH.BBDNIIT/CL/2019/PC-43 PH.BBDNIIT/CL/2019/PC-44 |
| 3. | Lenovo V530S | RAM8GB, 1TB HDD, Intel I5 9 th Gen | LENOVO | 2022 | PH.BBDNIIT/CL/2022/PC-53 |

| | | | | | |
|-----|--------------|---|---------------|------|--|
| 4. | Lenovo V530S | RAM8GB,1TBHDD, Intel i5 9 th Gen | LENOVO | 2022 | PH.BBDNIIT/CL/2022/PC-54 PH.BBDNIIT/CL/2022/PC-55 PH.BBDNIIT/CL/2022/PC-56 PH.BBDNIIT/CL/2022/PC-57 PH.BBDNIIT/CL/2022/PC-58 PH.BBDNIIT/CL/2022/PC-59 PH.BBDNIIT/CL/2022/PC-60 PH.BBDNIIT/CL/2022/PC-61 PH.BBDNIIT/CL/2022/PC-62 PH.BBDNIIT/CL/2022/PC-63 PH.BBDNIIT/CL/2022/PC-64 PH.BBDNIIT/CL/2022/PC-65 PH.BBDNIIT/CL/2022/PC-66 PH.BBDNIIT/CL/2022/PC-67 PH.BBDNIIT/CL/2022/PC-68 PH.BBDNIIT/CL/2022/PC-69 PH.BBDNIIT/CL/2022/PC-70 PH.BBDNIIT/CL/2022/PC-71 PH.BBDNIIT/CL/2022/PC-72 PH.BBDNIIT/CL/2022/PC-73 |
| 5. | Scanner | EPSON Perfection V39 | EPSON | 2019 | PH.BBDNIIT/CL/2019/SCN.-1 |
| 6. | Web Camera | Logitech C270HD | Logitech | 2020 | PH.BBDNIIT/CL/2020/W.C.-1 PH.BBDNIIT/CL/ 2020/W.C.-2 |
| 7. | Microphone | BY-M1 | Boya Lavalier | 2020 | PH.BBDNIIT/CL/2020/Mic. – 1 |
| 8. | Speaker | QHM636 | Quantum | 2020 | PH.BBDNIIT/CL/2020/SPK.-1 PH.BBDNIIT/CL/2020/SPK.-2 PH.BBDNIIT/CL/2020/SPK.-3 PH.BBDNIIT/CL/2020/SPK.-4 |
| 9. | UPS | IMS Powercare 7.5 KVA | Powercare | 2009 | PH.NIEC /CL/2009/UPS-1 |
| 10. | UPS | BPE | BPE | 2022 | PH.BBDNIIT/CL/2022/UPS-3 |

| | | | | | |
|-----|---------------------------------|----------------------|-------------|------|--|
| 11. | UPS Batteries | Exide Power EP26-12V | Exide Power | 2019 | PH.BBDNIIT/CL/2019/UPS Batt.-1 PH.BBDNIIT/CL/2019/UPS Batt.-2 PH.BBDNIIT/CL/2019/UPS Batt.-3 PH.BBDNIIT/CL/2019/UPS Batt.-4 PH.BBDNIIT/CL/2019/UPS Batt.-5 PH.BBDNIIT/CL/2019/UPS Batt.-6 PH.BBDNIIT/CL/2019/UPS Batt.-7 PH.BBDNIIT/CL/2019/UPS Batt.-8 PH.BBDNIIT/CL/2019/UPS Batt.-9 PH.BBDNIIT/CL/2019/UPS Batt.-10 PH.BBDNIIT/CL/2019/UPS Batt.-11 PH.BBDNIIT/CL/2019/UPS Batt.-12 PH.BBDNIIT/CL/2019/UPS Batt.-13 PH.BBDNIIT/CL/2019/UPS Batt.-14 PH.BBDNIIT/CL/2019/UPS Batt.-15 |
| 12. | UPS Batteries | Exide Power EP65-12V | Exide Power | 2022 | PH.BBDNIIT/CL/2022/UPS Batt.-31 PH.BBDNIIT/CL/2022/UPS Batt.-32 PH.BBDNIIT/CL/2022/UPS Batt.-33 PH.BBDNIIT/CL/2022/UPS Batt.-34 PH.BBDNIIT/CL/2022/UPS Batt.-35 PH.BBDNIIT/CL/2022/UPS Batt.-36 PH.BBDNIIT/CL/2022/UPS Batt.-37 PH.BBDNIIT/CL/2022/UPS Batt.-38 PH.BBDNIIT/CL/2022/UPS Batt.-39 PH.BBDNIIT/CL/2022/UPS Batt.-40 PH.BBDNIIT/CL/2022/UPS Batt.-41 PH.BBDNIIT/CL/2022/UPS Batt.-42 PH.BBDNIIT/CL/2022/UPS Batt.-43 PH.BBDNIIT/CL/2022/UPS Batt.-44 PH.BBDNIIT/CL/2022/UPS Batt.-45 PH.BBDNIIT/CL/2022/UPS Batt.-46 |
| 13. | Network 24 port gigabyte Switch | 24-Port (D-Link) | D-Link | 2022 | PH.BBDNIIT/CL/2022/(N/W.)-Sw.-2 PH.BBDNIIT/CL/2022/(N/W.)-Sw.-3 PH.BBDNIIT/CL/2022/(N/W.)-Sw.-4 PH.BBDNIIT/CL/2022/(N/W.)-Sw.-5 |

Department: Pharmacy, BBDNIIT.

| S.No. | Type | Specification | Make & Model | Year of Purchase | Sr. No./Model No. |
|-------|---------|--------------------------------------|--------------|------------------|-------------------------------|
| 14. | Printer | EPSON M100 | EPSON | 2019 | PH.BBDNIIT/D.O./2019/PRI.-1 |
| 15. | Printer | EPSON M100 | EPSON | 2019 | PH.BBDNIIT/ D.O./2019/PRI. -2 |
| 16. | Printer | EPSON L4150 Color All-in-One Printer | EPSON | 2019 | PH. BBDNIIT/D.R./2019/PRI.-3 |

| | | | | | |
|-----|------------------------|--|------------------------|------|--|
| 17. | Printer | EPSON M1100 | EPSON | 2023 | PH. BBDNIIT/E.C./2023/PRI.-4 |
| 18. | UPS | IMS Powercare 7.5 KVA | Powercare | 2009 | PH.NIEC /I.R./2009/UPS-2 |
| 19. | UPS Batteries | Exide Power EP26-12V | Exide Power | 2019 | PH.BBDNIIT/ I.R./2019/UPS Batt.-16 PH.BBDNIIT/ I.R./2019/UPS Batt.-17 PH.BBDNIIT/ I.R./2019/UPS Batt.-18 PH.BBDNIIT/ I.R./2019/UPS Batt.-19 PH.BBDNIIT/ I.R./2019/UPS Batt.-20 PH.BBDNIIT/ I.R./2019/UPS Batt.-21 PH.BBDNIIT/ I.R./2019/UPS Batt.-22 PH.BBDNIIT/ I.R./2019/UPS Batt.-23 PH.BBDNIIT/ I.R./2019/UPS Batt.-24 PH.BBDNIIT/ I.R./2019/UPS Batt.-25 PH.BBDNIIT/ I.R./2019/UPS Batt.-26 PH.BBDNIIT/ I.R./2019/UPS Batt.-27 PH.BBDNIIT/ I.R./2019/UPS Batt.-28 PH.BBDNIIT/ I.R./2019/UPS Batt.-29 PH.BBDNIIT/ I.R./2019/UPS Batt.-30 |
| 20. | Projector | Sharp Notevision XR305 | Sharp Notevision XR305 | 2008 | PH.NIEC/S.H./2008/LCD Pr.-1 |
| 21. | Projector | BENQ | BENQ | 2023 | PH.BBDNIIT/S.C./2023/LCD Pr.-2 |
| 22. | Projector | ACER | ACER | 2023 | PH.BBDNIIT/C.H./2023/LCD Pr.-3 |
| 23. | OHP Projector | OHP | OHP | 2006 | PH.NIEC/S.H./2006/OHP Pr.-1 |
| 24. | Projection Screen | Projection Screen with stand | Projection Screen | 2001 | PH.NIEC/S.H./2001/P.S.-1 |
| 25. | Wall Projection Screen | Projection Screen | Projection Screen | 2023 | PH.BBDNIIT/C.H./2023/P.S.-2 |
| 26. | Smart Device | Smart Class Device | Smart Class Device | 2023 | PH. BBDNIIT/S.C./2023/S.C.D.-1 |
| 27. | White Board | White board | White board | 2023 | PH. BBDNIIT/S.C./2023/W.B.-1 |
| 28. | Lenovo V530S | RAM8GB, 1TBHDD, Intel I5 9 th Gen | LENOVO | 2022 | PH.BBDNIIT/ D.O./2022/PC-74 |
| 29. | Lenovo V530S | RAM8GB, 1TBHDD, Intel I5 9 th Gen | LENOVO | 2022 | PH.BBDNIIT/ E.C./2022/PC-75 |
| 30. | Acer Veriton-IC6916 | RAM4GB, 1TB, Intel I5 7 th Gen | Acer | 2019 | PH.BBDNIIT/LIB./2019/PC-45 PH.BBDNIIT/LIB./2019/PC-46 PH.BBDNIIT/LIB./2019/PC-47 |
| 31. | Acer Veriton-IC6916 | RAM4GB, 1TB, Intel I5 7 th Gen | Acer | 2019 | PH.BBDNIIT/ST./2019/PC-48 |
| 32. | Acer Veriton-IC6916 | RAM4GB, 1TB, Intel I5 7 th Gen | Acer | 2019 | PH.BBDNIIT/C.C.L./2019/PC-49 |
| 33. | Acer Veriton-IC6916 | RAM4GB, 1TB, Intel I5 7 th Gen | Acer | 2019 | PH.BBDNIIT/I.R./2019/PC-50 |
| 34. | Acer Veriton-IC6916 | Acer Veriton- IC6916 | Acer | 2019 | PH.BBDNIIT/E.C./2019/PC-51 |
| 35. | Acer Veriton-IC6916 | RAM4GB, 1TB, Intel I5 7 th Gen | Acer | 2019 | PH.BBDNIIT/S.C./2019/PC-52 |

| | | | | | |
|-----|--------------------------|--|--------------------------------------|------|---|
| 36. | HCL Infinity Pro BL 1280 | Ram2GB, 160GB HDD, Pentium Dual E2160 | HCL | 2008 | PH.NIEC / I.R./2008/PC-8 PH.NIEC / I.R./2008/PC-9 PH.NIEC / I.R./2008/PC-10 PH.NIEC / I.R./2008/PC-11 |
| 37. | HCL Infinity Pro BL 1280 | Ram2GB, 160GB HDD, Pentium Dual E2160 (Without Monitor) | HCL | 2008 | PH.NIEC/S.H./2008/PC-12 |
| 38. | D-Link Wi-Fi Router | DIR-841 | D-Link | 2019 | PH.BBDNIIT/G.F./2019/R.-01 PH.BBDNIIT/F.F./2019/R.-02 |
| 39. | D-Link Wi-Fi Router | DIR-841 | D-Link | 2022 | PH.BBDNIIT/F.F./2022/R.-03 PH.BBDNIIT/F.F./2022/R.-04 PH.BBDNIIT/F.F./2022/R.-05 PH.BBDNIIT/S.F./2022/R.-06 PH.BBDNIIT/S.F./2022/R.-07 PH.BBDNIIT/T.F./2022/R.-08 PH.BBDNIIT/T.F./2022/R.-09 PH.BBDNIIT/T.F./LIB./2022/R.-10 |
| 40. | Network 24 port Switch | 24-Port (D-Link) | D-Link | 2010 | PH.NIEC/F.F./2010/(N/W.)-Sw.-1 |
| 41. | Network 8 port Switch | 8-Port (DGS-1008A) | D-Link | 2022 | PH.BBDNIIT/T.F./LIB./2022/(N/W.)-Sw.-6 |
| 42. | Wireless Microphone | AHUJA AWM-490 VHL Dual Wireless Microphone (Handmike, collormike, Receiver) | Ahuja AWM-490 VHL Dual | 2022 | PH.BBDNIIT/S.C./2022/W.M.-1 |
| 43. | Wireless Microphone | AHUJA AWM-700 UH Dual PA Wireless Microphones (Handmike, collormike, Receiver) | Ahuja AWM-700 VHL Dual | 2023 | PH.BBDNIIT/S.C./2023/W.M.-2 |
| 44. | Amplifier | Ahuja Amplifier SSA-250M | Ahuja Amplifier SSA-250M | 2022 | PH.BBDNIIT/S.C./2022/Amp.-1 |
| 45. | Wall Speaker | Ahuja SMx 602 60 watts Wall Speaker | Ahuja SMx 602 | 2022 | PH.BBDNIIT/S.C./2022/W.Spk.-1 PH.BBDNIIT/S.C./2022/W.Spk.-2 PH.BBDNIIT/S.C./2022/W.Spk.-3 PH.BBDNIIT/S.C./2022/W.Spk.-4 |
| 46. | Wall Projection Screen | Projection Screen | Projection Screen | 2023 | PH.BBDNIIT/S.C./2023/P.S.-3 |
| 47. | Table Mike Stand | Table Mike Stand 6MB-6C Ahuja | Ahuja 6MB-6C | 2023 | PH.BBDNIIT/S.C./2023/T.M.-1 |
| 48. | Bluetooth Device | Advaniach Magic Box with FM Receiver with yurv lead, Remote (Bluetooth Device) | Advaniach Magic Box with FM Receiver | 2023 | PH.BBDNIIT/S.C./2023/B.D.-1 |

| Department: Pharmacy, BBDNIIT (Project System) | | | | |
|--|--------------------------|-------------------------------------|-----------------|--------------------------------|
| S.No. | Type | Specification | Make & Model | Sr. No./Model No. |
| 1. | HP Pavilion | RAM 8GB | HP | PH.BBDNIIT/D.O./PC-1 (P) |
| 2. | ALEINWARE | RAM16GB,500GBSSD,INTEL CORE I5-3450 | ALEINWARE | PH.BBDNIIT/D.R./PC-2 (P) |
| 3. | ALEINWARE | RAM8GB,1TB HDD,INTEL CORE I5-3450 | ALEINWARE | PH.BBDNIIT/I.R./PC-3 (P) |
| 4. | HCL Infinity Pro BL 1280 | RAM2GB,160GB Pentium Dual – E2160 | HCL | PH.BBDNIIT/ I.R./PC-4 (P) |
| 5. | ASSEMBLED | RAM1.13GB,40GBHDD,Pentium IV CPU | ASSEMBLED | PH.BBDNIIT/ I.R./PC-5 (P) |
| 6. | SCANNER | HP Scanjet G3110 | HP | PH.BBDNIIT/D.R./SCN.-2 (P) |
| 7. | PRINTER | HP LASERJET 3015 (Black) ALL-IN-ONE | HP | PH.BBDNIIT/D.R./PRI.-5 (P) |
| 8. | PRINTER | HP Laserjet cp1025 | HP | PH.BBDNIIT/ I.R./PRI.-6 (P) |
| 9. | PRINTER | HP Laserjet cp1525n | HP | PH.BBDNIIT/ I.R./PRI.-7 (P) |
| 10. | SPEAKER | F & D EAC RoHS CE | F&D | PH.BBDNIIT/D.R./SPK.-2 (P) |
| 11. | UPS | APC ONLINE UPS BACK RS-110 | APC | PH.BBDNIIT/D.R./UPS-4 (P) |
| 12. | UPS | ODYSSEY | ODYSSEY | PH.BBDNIIT/ I.R./UPS-5 (P) |
| 13. | LAN Switch | D-Link 8 port | Director's Room | PH.BBDNIIT/D.R./ (N/W.)-SW (P) |

Common Instructional Facilities: Central Library including Reading Room

| Description | Details | Area Sq.M. | Salient Features |
|-----------------------------------|---------|--------------------------------|---|
| 503 A & Central Library including | | 164.38 | Good ambience |
| | | | <ul style="list-style-type: none"> Sufficient number of books Central Reprographic facility National & International Journals Computer facility with LAN & internet Essential library software |
| 503 B Reading Room | | | |
| | S.No | Library Details | Vol./No. |
| | 1 | Total numbers of Books | 7397 |
| | 2 | Titles of Books | 1539 |
| | 3 | Reference Books | 1547 |
| | | M.Pharm Books | |
| | 4 | Pharmaceutics- V. 529, T.104 | 1072 |
| | | Pharm chemistry- V. 543 T. 102 | |

| | | |
|----|---|------------------|
| | | T. - 1004 |
| 5 | B.Pharm Books | |
| | | V - 4510 |
| 6 | Newly Magazine /Journals Subscribed (111335/-Rs.) | 26 |
| | | Journals 398 |
| 7 | E-Journal –DELNET+ INVENTI | International 43 |
| | | National 355 |
| 8 | Pharmacopoeia (IP, BP, USP,) | 88 |
| 9 | Encyclopedia | 14 |
| 10 | Dictionaries | 23 |
| 11 | Atlas | 35 |
| 12 | Motivational Books | 13 |
| 13 | GRE/GPAT | 28 |
| 14 | E-Books | 205 |
| | | T. – 64 |
| 15 | CD's | Vol.-130 |

Library Services

1. Digital Library
2. AKTU's Nalanda E- Consortium service available for students, many E-resources are available for students.
3. Reference service is available for all students.
4. Inter library loan service.
5. Faculty publication E-copies available
6. Paper cutting & display (current awareness service)
7. E-mail service as per demand



Central Computer Centre



Central Computer Centre



Central Computer Centre



Central Computer Centre



Central Machine Room



Central Machine Room

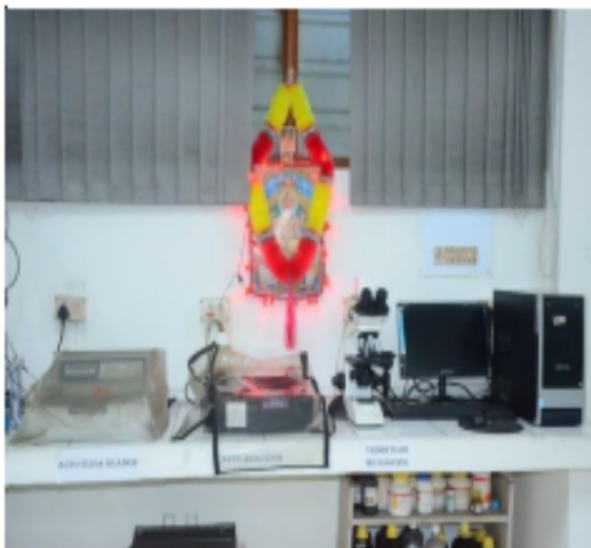
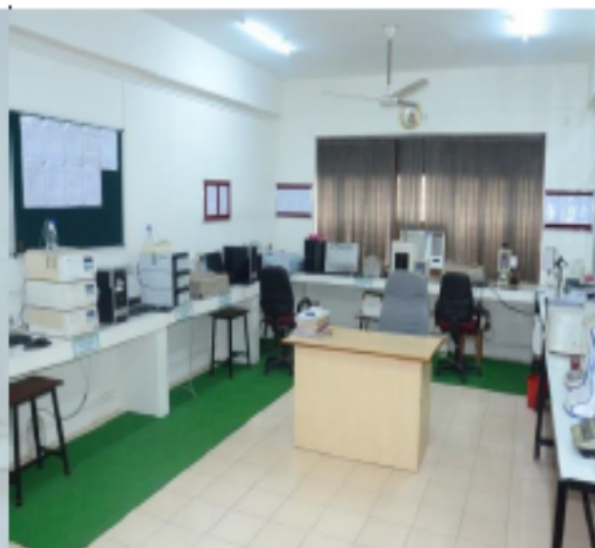


Central Machine Room



Central Machine Room

**Central Library****Central Library****Central Library****Central Library****Central Library****Central Library****Sophisticated Instrument Centre****Sophisticated Instrument Centre**

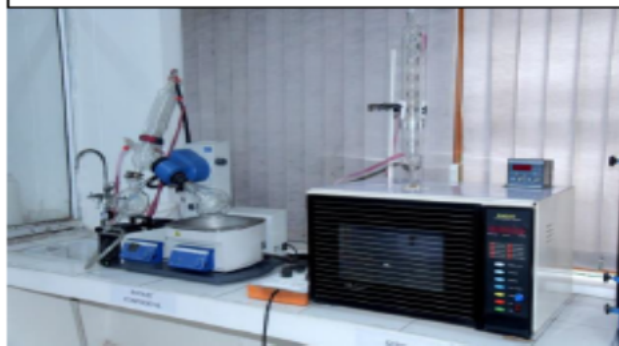
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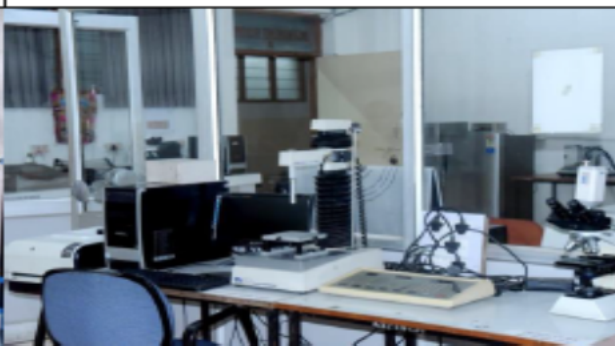
Sophisticated Instrument Centre



Sophisticated Instrument Centre



Sophisticated Instrument Centre



Sophisticated Instrument Centre

| Lab Description | BatchSize | Availability of manuals | Quality of Instrument | Safety Measures | Remarks |
|-----------------|-----------|-------------------------|-----------------------|-----------------------------|--|
| 110 | 35 | Available | Good | First-aid/Fire Extinguisher | Pharmaceutical Analysis |
| 111 | 35 | Available | Good | First-aid/Fire Extinguisher | Pharmacology Lab |
| 112 | 35 | Available | Good | First-aid/Fire Extinguisher | Pharmaceutical Inorganic Chemistry, |
| 113 | 35 | Available | Good | First-aid/Fire Extinguisher | Pharmaceutics –I Lab/Pharmaceutics-I, |
| 114 | 35 | Available | Good | First-aid/Fire Extinguisher | Sophisticated Instrument |
| 201 | 35 | Available | Good | First-aid/Fire Extinguisher | APP/Pharmacology-II Lab/HAP-I&II |
| 207 | 35 | Available | Good | First-aid/Fire Extinguisher | Pharmaceutics –III Lab/Physical |
| 208 | 35 | Available | Good | First-aid/Fire Extinguisher | Pharmacognosy Lab/Pharmacognosy-I |
| 209 | 35 | Available | Good | First-aid/Fire Extinguisher | Pharmaceutics-II Lab/Pharmaceutical |
| 210 | 35 | Available | Good | First-aid/Fire Extinguisher | Pharmaceutical Chemistry-II |
| 211 | 35 | Available | Good | First-aid/Fire Extinguisher | Microbiology and Community Pharmacy |
| 214 | 35 | Available | Good | First-aid/Fire Extinguisher | Pharmaceutical Chemistry-III Lab/ |
| 302 | 35 | Available | Good | First-aid/Fire Extinguisher | Pharmaceutical Chemistry Research |
| 306 | 35 | Available | Good | First-aid/Fire Extinguisher | Pharmaceutical Chemistry Lab |
| 309 | 35 | Available | Good | First-aid/Fire Extinguisher | Pharmaceutics Lab (PG)/Advanced |
| 314 | 35 | Available | Good | First-aid/Fire Extinguisher | Research lab |
| 315 | 35 | Available | Good | First-aid/Fire Extinguisher | Pharmaceutics Research Lab (PG)/ |
| 104 | 35 | Available | Good | First-aid/Fire Extinguisher | Central Machine lab /Formulation of |
| AH-1 | 35 | Available | Good | First-aid/Fire Extinguisher | Animal House/Pharmacology |
| CL (2nd floor) | 35 | Available | Good | First-aid/Fire Extinguisher | Computer Room & Language |
| 403 | 35 | Available | Good | First-aid/Fire Extinguisher | Pharm. Chem. Lab (D. |
| 408 | 35 | Available | Good | First-aid/Fire Extinguisher | Physiology, Pharmacology, |
| 411 | 35 | Available | Good | First-aid/Fire Extinguisher | Biochemistry, Clinical Pathology, Hospital & |
| 415 | 35 | Available | Good | First-aid/Fire Extinguisher | Pharmaceutics Lab (D. |

The museum contains the show- casing of marketed products and products made by students. It includes various marketed formulations like Tablets, Capsules, Liquid Orals, Topicals, Medicated Powders, Drops, Aerosols, Cosmetics, Parenteral, Ear Drops, Nasal-Drops, Packaging materials like Ampoules and Vials as well as surgical products. The museum of various marketed formulations is located at the Ground floor. Museum of crude drugs is located in Pharmacognosy laboratory and ground floor as well. All crude drugs are displayed in transparent containers with proper labels on it. The museum is designed to provide separate sections for various categories of products. Cleanliness of museum is maintained time to time. The list of products displayed in drug museum is given in tables below.

SOLID DOSAGE FORMS

TABLETS

| Brand Name | API |
|-----------------|--|
| Aciloc | Ranitidine Tb |
| Aclozen | Aceclofenac And Paracetamol Tb |
| Alday | Cetirizine Hydrochloride |
| Amlokind- At | Amlodipine |
| Amlopres-5 | Amlodipine Basilate Tb |
| Amoxybest-Cv | Amoxycillin And Potassium Clavulanate Tb |
| Aricef O 200 | Cefixime Tb |
| Aristozyme Gold | Multienzyme Tb |
| Augmentin | Amoxycillin And Potassium Clavulanate Tb |
| Azulix | Metformin Hydrochloride Prolonged Release AndGlimepride Tb |
| Bandy-Plus | Ivermectin And Albendazole Tb |
| Beplex Forte | Tablet Of Vit-B Complex With Vit-C And Biotin |
| Betacard 50 | Atenolol Tb |
| Brivazen | Brivarectam Tb |
| Brutaflam 90 | Etoricoxib Tb |
| Buscogast | Hyoscine Butylbromide Tb |
| Calpol | Paracetamol Tb |
| Carnisure | Levocarnitine Tb |
| Cardace | Ramipril Tb |
| Cefakind | Cefuroxime Axetil Tb |
| Ciplactin | Cyproheptadine Tb |
| Clonafit | Clonazepam Dispersible Tb |
| Oxra | Dopagliflozin Tb |
| Dopanova | Dopagliflozin Tb |
| Deriphyllin | Etophylline And Theophylline Prolonged ReleasedTb |
| Diclockem Plus | Diclofenac Potassium And Paracetamol Tb |
| Divert-8 | Betahistine Tb |
| Dolostat-Mr | Aceclofenac, Paracetamol And Chlorzoxazone Tb |
| Duphill | Doxofylline Tb |
| Duphaston | Dydrogesterone Tb |
| Dytor Plus 20 | Torseamide And Spironolactone Tb |
| Endogest | Progesterone Tb |
| Fenac Plus | Diclofenac Sodium And Paracetamol Tb |
| Fuliform | Formoterol, Fumarate hydrate, Beclomethasone, Dipropionate |
| Gemcal-D3 | Calcium And Vitamin D3 Tb |
| Hetrazan 100 | Diethylcarbamazine Citrate Tb |
| Indclave 625 | Amoxicillin And Potassium Clavulanate Tb |
| It-Mac 200 | Itraconazole Tb |

| | |
|----------------------|--|
| Mobicam-Dt | Piroxicam Dispersible Tb |
| Neurobion-Forte Plus | Tablet Of Vit B-Complex And B12 |
| Nicostar | Nicorandil Tb |
| Nise | Nimesulide Tb |
| Nulaong-Trio | Clinidipine, Olmesartan Medoxomil And Chlorthalidone Tb |
| Neurokind | Mecobalamine Tb |
| Olahar | Biotin, Cal-D, Pantothenate Vit, Minerals Aminoacids With Soya Isoflavones And Grape Seed Extract Tb |
| Omez | Omeprazole Tb |
| Oxalgin-Dp | Diclofenac Sodium And Paracetamol Tb |
| Overzyme | Protease, Amulase, Hemicellulase, Lipase, Lactase And Alpha Galactosidase Chewable Tb |
| Pracip-650 | Paracetamol Tb |
| Profex-50 | Vildagliptin Tb |
| Rezofert | Myo-Inositol, N-Acetyl Cystein, D-Chiro-Inositol, Biotin Lyopene, Chromium, Folic Acid And Vit-D3 Tb |
| Shelcal | Calcium And Vitamin D3 Tb |
| Sumoflam | Nimesulide Paracetamol And Serratiopeptidase Tb |
| Syncapone | Carbidopa, Levodopa And Entacapone Tb |
| Sangan Bolus | Nimesulide Bp, Petofenone Hcl, Fenpiverinium Bromide |
| Taxim-Odt | Cefixime Dispersible Tb |
| Taxim Of | Cefixime And Ofloxacin Tb |
| Telma-Ct | Telmisartan And Chlorthalidone |
| Telmikind | Telmisartan, Amlodipine And Hydrochlorothiazide Tb |
| Telplus-Trio | Telmisartan, Clinidipine And Chlorthalidone |
| Tri-Azulix Ds | Metformin HCl Sr, Pioglitazone HCl And Glimepiride Tb |
| Triglimeprex | Glimepiride, Pioglitazone And Metformin Hcl Sustained Release Tb |
| Ultracet | Tramadol HCl And Acetaminophen |
| Voglistar | Voglibose Mouth Dissolving Tb |
| Zorodol Sp | Aceclofenac, Serratiopeptidase Paracetamol |
| Zinconia | Zinc Acetate Tb |
| Zerodol- Mr | Aceclofenac And Tizanidine |
| | |

CAPSULES

| Brand Name | API |
|---------------------|--|
| Ascopan Dsr | Pantoprazole Sodium And Domperidone Capsule |
| Benzaday | Cyclobenzapine Extended Release Capsule |
| Fungiforce-Itra 100 | Itraconazole Capsule Bp |
| Izra-L | Enteric Coated Esomeprazole And Sustained Release Levosulpiride Capsule Bp |
| Plagerine-A 150 | Clopidogrel + Aspirin Capsule |
| Rabalkem-Dsr | Rabeprazole Sodium And Domperidone Sr Capsule |
| Ritroz-100 | Itraconazole Capsule |
| Rosave Gold | Rosuvastatin, Aspirin And Clopidogrel Capsule |
| Uprise D3 | Cholecalciferol Capsule |

| | |
|------------------|---|
| Vitazyme Capsule | Capsules Of Lactic Acid Bacillus And Fungal Diastase |
| Weltive 4g | Omega 3 Fattyacid, Greentea Extract, Gingsen Extract, Ginkgo Biloba Extract, Grapeseed Extract, Multivitamin, Multimineral And Antioxidant With Trace Elements Soft Gelatin Capsule |

POWDERS

| Brand Name | API |
|---------------------------|--|
| Candid | Clotrimazole Dusting Powder |
| Clocip | Clotrimazole Absorbent Dusting Powder |
| Flucos | Fluconazole Dusting Powder |
| Neosporin Powder | Neomycin Sulphate, Polymyxin B Sulphate And Bacitracin Zinc Powder |
| AbZorb Anti-Fungal Powder | Clotrimazole 1%w/w |

NUTRACEUTICALS

| NUTRACEUTICALS Brand Name | API |
|---------------------------|--|
| Agriprime Nutraceutical | L-Arginine And Grape Seed Extract Granules |
| Zincovit | Multivitamin, Multimineral With Grapeseed Extract Tb (Nutraceutical) |

LIQUID DOSAGE FORM

| SOLUTIONS Brand Name | API |
|----------------------------|--|
| Acupat | Olopatadine Hydrochloride Plus Ketorolac Ophthalmic Solution |
| Betadine Solution | Povidone Iodine Solution |
| Bro-Zedex | Levosulbutamol Sulphate, Ambroxol HCl And Guaiphenesin Expectorant |
| Crircold Plus Drops | Phenylephrine HCl, Chlorpheniramine Maleate And Paracetamol Drops |
| Digesta Drops | Diastase |
| Dynapar | Diclofenac Di-Ethylamine And Absolute Alcohol Topical Solution |
| Ferce Drops | Iron Drops |
| Gastica | Simethicone, Dill Oil With Fennel Oil Drops |
| Hydrogen Peroxide Solution | Hydrogen Peroxide |
| Low-Dex | Dexamethasone Sodium Phosphate Ophthalmic Solution |
| Tyken-M | Moxifloxacin Ophthalmic Solution |
| Zicosyp | Zinc Acetate Oral Solution |
| Zincovit | Multivitamin, Mineral And Lysine Drops |

SYRUP

| SYRUPS Brand Name | API |
|-------------------|--|
| Becosules Syrup | B-Complex With Vitamin C Syrup |
| Delcon | Chlorpheniramine Maleate And Phenylephrine Hydrochloride Syrup |

| | |
|------------------------|---|
| Graniforce | Granisetron Hcl Syrup |
| Monitair Lc | Montelukast Sodium And Levocetirizine Dihydrochloride Syrup |
| Torax Sf Cough Linctus | Ambroxol Hcl And Loratidine And Guaniphenisin Syrup |

SUSPENSIONS

| Brand Name | API |
|--------------------|--|
| Azee 100 | Azithromycin Oral Suspension |
| Azifine XI | Azithromycin Oral Suspension |
| Clavam | Amoxicillin And Potassium Clavulanate Oral Suspension |
| Dolo 250 | Paracetamol Paediatric Oral Suspension |
| Dombax | Domperidone Suspension |
| Mega-Cv | Amoxicillin And Potassium Clavulanate Oral Suspension |
| Mefkind | Paracetamol And Mefenamic Acid Suspension |
| Macpod Drop | Cefpodoxime Oral Suspension |
| Mox-Cv | Amoxicillin and Potassium Clavulanate Oral Suspension |
| Markoid Plus | Phenylphrine Hydrochloride, Chlorpheniramine Maleate And Paracetamol Suspension |
| Nimeeta Gold | Aceclofenac And Paracetamol Suspension |
| Normet | Ofloxacin And Metronidazole Suspension |
| P-250 | Paracetamol Paediatric Oral Suspension |
| Paracip Suspension | Paracetamol Paediatric Oral Suspension |
| Para-M | Paracetamol Mefenamic Acid Suspension |
| Taxim O Forte | Cefixime And Ofloxacin Oral Suspension |
| Total Cold Ds | Paracetamol, Chlorpheniramine Maleate And Phenylephrine Hydrochloride Suspension |
| Ultanol | Paracetamol Mefenamic Acid Suspension |
| Zathrin XI | Azithromycin Oral Suspension |

OPHTHALMIC/OCULAR DOSAGE FORMS

| Brand Name | API |
|-----------------|---|
| Deco | Chloramphenicol And Betamethasone Sodium Phosphate Eye/Ear Drop |
| Epitane | Epinastine Eye Drop |
| Moxirid D | Moxifloxacin And Dexamethasone Eyedrop |
| Tear Safe | Carboxymethyl Cellulose Eye Drop |
| Lubistar-CMC | Carboxymethyl Cellulose Eyedrop |
| Optimoist Ultra | Polyethylene Glycol Eyedrop |
| Vyosoft | Polyethylene Glycol And Propylene Glycol Eyedrop |

PARENTERAL PRODUCTS

| Brand Name | API |
|-----------------|--------------------------------|
| Deca- Durabolin | Nandrolone Decanoate Injection |
| Dd-25 | Nandrolol Decanoate Injection |
| Defenac | Diclofenac Sodium Injection |
| Dynapar Aq | Diclofenac Sodium Injection |

| | |
|------------|----------------------------------|
| Evatocin | Oxytocin Injection |
| Hb Ford | Iron Sucrose Injection |
| Lupin | Chorionic Gonadotropin Injection |
| Placentrax | Placenta Extract Injection |
| Susten 100 | Progesterone Injection |

INHALATION DOSAGE FORMS

| | |
|------------|---|
| Brand Name | API |
| Budecort | Budesonide Inhalation Ip |
| Foracort | Formoterol Fumarate And Budesonide Powder For Inhalation Ip |
| Seroflo | Salmeterol And Fluticasone Propionate Inhaler |

SEMI-SOLID DOSAGE FORMS**CREAMS**

| | |
|------------------------------|--|
| Brand Name | API |
| Burncare Cream | Acriflavine Hydrochloride, Thymol, Cetrimide, Emulsifying Wax |
| Candiderma Cream | Clotrimazole, Beclomethasone, Dipropionate And Neomycin Sulphate Cream |
| Clozol | Clobetasol Propionate, Neomycin Sulphate And Miconazole Nitrate Cream |
| Derma Kit | Ketoconazole, Neomycin, Iodochlorhydroxyquinoline Tolnaftate And Clobetasol Propionate Cream |
| Elocon Cream | Mometasone Furoate Cream |
| Elmovel F | Mometasone Furoate And Fusidic Acid Cream |
| Freia (Antimarks Skin Cream) | Hydroquinolone, Tretinoin, Mometasone |
| Itromed Pf | Itraconazole And Terbinafine Cream |
| Ketoford | Ketoconazole And Beclomethasone Dipropionate |
| Soframycin | Framycetin Skin Cream |

LOTIONS, GELS AND OINTMENTS

| | |
|--------------|---|
| Brand Name | API |
| Igcon Lotion | Permethrin And Cetrimide Lotion |
| Pain X Max | Diclofenac, Methyl salicylate And Menthol Topical Gel |
| Silverex | Silver Nitrate Gel |
| Utreva Gel | Progesterone Vaginal Gel |
| Orasore | Mouth Ulcer Pain Relief Ointment |
| Vrindine | Povidone Iodine Ointment |

AYURVEDIC PRODUCTS

| |
|-------------------------------------|
| Himalaya Asthisamhara Tb |
| Himalaya Shallaki Tb |
| Himalaya Shigru Tb |
| Himalaya Tulasi Tb |
| Brahmi Capsule (Herbal Supplement) |

| |
|----------------------------|
| Brahmi Fenugreek Capsules |
| Patanjali Coronil Tb |
| Dabur Ashwagandha Churan |
| Wartsclin Antiwarts Lotion |

DRESSINGS AND SURGICALS

| |
|---|
| Gauze Swab |
| Drip Flow |
| Oxygen Face Mask |
| Surgical Mask |
| Examination Gloves |
| Non-Absorbable Polyamide Surgical Sutures |
| Rolled Gauze Bandage |
| Paraffin Gauze Dressing |
| Intrauterine Contraceptive Device |
| 1ml Insulin Syringe |
| Dissection Instrument Box |
| Bandages |
| Sterilized Surgical Needled Suture= 1metric, 2 Metric, 3 Metric, 3.5 Metric And, 4 Metric |

OTHERS

| |
|--|
| Candipreg Pregnancy Detection Kit |
| Dabur Red Tooth Paste |
| Womens Plus Horlicks |
| Calcium Sandoze |
| Fair And Handsome Cream |
| Goodnight Liquid Vaporizer |
| Odomos Mosquito Repellent Cream |
| Glaide Soap |
| Dettol Antiseptic Liquid |
| Chlorhexidine Gluconate And Cetrimide Solution |
| Maxklean Disinfectant Cleaner |
| White Fluid Germicidal |
| Accusure |
| Contoured LS Support |
| Abdominal Belt Binder |
| Piston Compressor Nebulizer |
| Maternity Sanitary Pad |
| Expert Intimate Hygiene V-Wash |
| Menstrual Cup |
| Skore Condoms |
| Bandelletes Reactives |
| Clinical Thermometer |
| Joint Veda Pain Relief Oil |
| Vishgarbh Tail |

PHARMACY MUSEUM**Section A SOLID DOSAGE FORM**

| Sr. No. | Brand Name | API |
|-----------------|-----------------------|---|
| Tablets | | |
| 1 | Ominil MD | Ondansetron |
| 2 | Matoda | Bromhexine HCL, Guaiphenesin, Phenylephrine |
| 3 | Nic- O- Star | Nicorandil |
| 4 | Mecums | Methyl cobalamine |
| 5 | Neksium | Esomeprazole |
| 6 | Gluconorm | Metformin HCL |
| 7 | Ozomet PG 2 | Metformin HCL, Glimeperide |
| 8 | Macpod CV -100 DT | Cefpodoxime proxetil, Potassium clavulanate |
| 9 | Mucinac- 600 | Acetyl cysteine |
| Capsules | | |
| 1 | Lynomix Plus | Lycopene, Betacarotene, Zinc |
| 2 | Oxypride | Multi vitamin, anti-oxidant |
| 3 | Knoll –Omega soft | Omega 3 fatty acid, cod liver oil, primrose oil |
| 4 | Kuffdryl – D | Diphenhydramine HCL |
| 5 | Lynomix plus | Grape seed extract, lycopene, betacarotene |
| 6 | Alfa maxical | Mecobalamine, EPA, DHA, Folic acid |
| 7 | Folvite MB | Folic acid, methylcobalamine, Pyridoxine HCl |
| 8 | Novamox- 250 | Amoxycillin |
| 9 | Fungiforce- Itra -200 | Itraconazole |
| 10 | Foracort | Formoterol |
| Powders | | |
| 1 | Fosfocin | Fosfomycin, Trometamol |
| 2 | Clocip | Clotrimazole |

Section B- SEMI-SOLID DOASGE FORM

| Sr. No. | Brand Name | API |
|------------------|------------------|---|
| Ointments | | |
| 1 | Betadine | Povidone Iodine |
| 2 | R _x 6 | Ketoconazole, tolnaftate, Neomycin |
| 3 | Vrindine | Povidone Iodine |
| Gels | | |
| Ondansetron | | |
| 1 | Pain –X- Max | Diclofenac, methyl salicylate, Menthol |
| 2 | Silverex | Silver nitrate |
| 2 | Agesic gel | Diclofenac, diethyl ammonium, linseed oil |
| Creams | | |
| 1 | Burncare | Silver sulphadiazine |
| 2 | Soframycine | Framycetin |
| 3 | Powerderm | Itraconazole, Ofloxacin, Ornidazole |
| 4 | Ketoford | Ketoconazole, Beclomethasone Dipropionate |
| 5 | ELMOVEL – F | Mometasone furoate |
| 6 | Itromed –TF | Itraconazole & terbinafine |

| | | |
|---|------------|--|
| 7 | Clozol -NM | Clobetasol propionate, neomycin sulphate |
| 8 | Candiderma | Clotrimazole, Beclomethasone, Neomycin |
| 9 | Freia | Hydroquinone, tretinoin, Mometasone |

Section C- LIQUID DOSAGE FORM

| Sr. No. | Brand Name | API |
|---------|------------|-----|
|---------|------------|-----|

SUSPENSIONS

| | | |
|---|---------------|--|
| 1 | Novamox | Amoxycillin |
| 2 | Zentel | Albendazole |
| 3 | Clavam | Amoxycillin & Potassium Clavulanate |
| 4 | GUDLAX – Plus | Liquid paraffin |
| 5 | Dolomol | Paracetamol |
| 6 | MACPOD | Cefpodoxime |
| 7 | PAN MPS- O | Aluminium hydroxide, activated Dimethicone |

Drops

| | | |
|---|------------|------------------------------|
| 1 | Moxirid –D | Moxifloxacin & Dexamethasone |
| 2 | Tear safe | Carboxy methyl cellulose |

INJECTIONS, INFUSIONS

| | | |
|---|-----------------------------|----------------------------|
| 1 | Multi vitamin infusion | Vitamin A,E,D ₃ |
| 2 | Xylocaine | Lignocaine HCL |
| 3 | Lupi –HCG 5000 | Chorionicgonadotropin |
| 4 | Sterile water for injection | W.F.I |

Lotion

| | | |
|---|-------|---------------------------------|
| 1 | Igcon | Permethrine & Cetrimeide lotion |
|---|-------|---------------------------------|

Syrup

| | | |
|---|-----------|---|
| 1 | Bicosule | B – complex with Vitamin C |
| 2 | Lacti hep | Vitamin B ₆ , Lactitol monohydrate |

Spray

| | | |
|---|-----------|-------------|
| 1 | Flixonase | Fluticasone |
|---|-----------|-------------|

Solution

| | | |
|---|-----------------|---------------------------------------|
| 1 | Zicosyp | Zinc acetate |
| 2 | Noculi | Potassium citrate & magnesium Citrate |
| 3 | Hyperneb USP 3% | Sodium chloride |

Section D- COSMETICS

| Sr. No. | Brand Name | Content |
|---------|-----------------------|----------------------------------|
| 1 | Nivea | Deodorant spray |
| 2 | Brut | Deodorant perfume |
| 3 | Nike | Cologne (body spray & deodorant) |
| 4 | Park avenue | Cologne |
| 5 | Nike (Musk urban) | Deodorant |
| 6 | Z | Deodorant body spray |
| 7 | Old spice | Deodorant body spray |
| 8 | Gillette cool wave | After shave splash |
| 9 | Apollo | Deodorant soap |
| 10 | International Camay | Soap |
| 11 | Ferragamo | Body spray & perfume |
| 12 | Park avenue (mercury) | Light after shave gel |

| | | |
|----|-------------------------|-------------------------------------|
| 13 | Assure | Anti-ageing night cream |
| 14 | Livon | Hair serum |
| 15 | Sunsilk | shampoo |
| 16 | Lacto Calamine | Lotion |
| 17 | Nykaa | Nail enamel |
| 18 | Set wet | Glaze wax (Hair wax) |
| 19 | Bryl cream | Hair cream |
| 20 | Lucky no 6 for men | Body spray |
| 21 | Soul curve | Body spray |
| 22 | Glaide soap | Orange & yurved flavor |
| 23 | Biotique | Hairfall serum |
| 24 | Himalaya | Skin cream |
| 25 | Neutrogena | Hydroboost water gel |
| 26 | Dot & key skin care | Vitamin C serum concentrate |
| 27 | Everyuth | Exfoliating scrub |
| 28 | Emami fair and handsome | Winter cream |
| 29 | Lotus apriscrub | Face scrub |
| 30 | Pilgrim | Face wash |
| 31 | Biotique | Gel face wash |
| 32 | Essenza – Di- wills | Body spray |
| 33 | VLCC de tan white glow | Body lotion |
| 34 | Wow | Alo vera gel |
| 35 | Dermicool | Prickly heat powder |
| 36 | Matrix (Opti care) | Split end serum |
| 37 | Palmolive Aroma therapy | Talcum powder |
| 38 | Twinkle cream | Hydroquinone ,tretinoin, Mometasone |
| 39 | Charcoal | Face mask |
| 40 | Fair & lovely | Fairness cream |
| 41 | Biotique | Hair growth serum |

Section D- OTC (Over the counter) MEDICAMENTS

| Sr. No. | Brand Name | Content |
|---------|--------------------------|------------------------------------|
| 1 | Softovac | Bowel regulator |
| 2 | Dabur 'Natural care' | Isabgol |
| 3 | ENO (lemon flavor) | Effervescent powder |
| 4 | Ganoderma capsules | Detox & rejuvenation |
| 5 | Himalaya Tulasi | Cough & cold syrup |
| 6 | Himalaya Guduchi | Immunity vitalizer |
| 7 | Himalaya Shallaki | Anti inflammatory |
| 8 | Patanjali Nutrela | Calcium supplement for bone health |
| 9 | Forever | Dietary supplement |
| 10 | Dabur Ashwagandha Churna | Immunity Vitalizer |
| 11 | Iodex | balm |
| 12 | Boroplus | Antiseptic cream |
| 13 | Patanjali Germi | Hand sanitizer |
| 14 | Joint flex | Joint pain relieve cream |
| 15 | Fastac | Anti inflammatory tablet |
| 16 | KOFOL syrup | Ayurvedic cough reliever |

| | | |
|----|------------------------------|---|
| 17 | Joint veda power of 18 herbs | Anti inflammatory cream |
| 18 | Omega | Pain killer liniment |
| 19 | Dabur Honitus | Cough reliever |
| 20 | Wartsclin | Anti wart lotion |
| 21 | Honeytus cough remedy | Anti cough non drowsi formula |
| 22 | Igniva | Multivitamin multi mineral Soft gel capsule |
| 23 | Max rich | Multivitamin multi mineral Soft gel capsule |
| 24 | Hansaplast | Water proof bandages |
| 25 | Dettol liquid | Anti-septic liquids |
| 26 | Povidone Iodine solution | Iodine solution |
| 27 | Savlon | Disinfectant |
| 28 | Greek plus | White disinfectant |
| 29 | Lysol | White disinfectant |
| 30 | V wash | Feminine Hygiene |
| 31 | Maternity sanitary pads | Feminine Hygiene |
| 32 | Menstrual cups | Feminine Hygiene |
| 33 | Skore condoms | Contraceptives |
| 34 | Good knight gold flash | Mosquito repellent |
| 35 | Odornos non-sticky cream | Mosquito repellent cream |

Section E- Products Developed

| Sr | Product Name | Active Pharmaceutical ingredient (API) | Developed by:B Pharm IV year |
|----|--|---|---|
| 1 | Vaginal gel (Mucoadhesive prolong release gel) | Chloramphenicol | Abhishek & Animesh |
| 2 | Floating Tablets | Norfloxacin | SRC pharmacy, Saurabh & Suyash |
| 3 | Acne care Hydro gel | Doxycycline | Dipika & Gautam |
| 4 | Skin cure green tea herbal face wash | Glycerine, yurveda, Lauric acid ,methyl paraben, propyl parabens | Skin cure (India),Pvt. Ltd TSVK cosmetic division |
| 5 | Natura wash anti dandruff herbal shampoo | Neem Extract, Amala, Aloe vera gel, Lemon juice, Gelatin | Shivam |
| 6 | In situ gel (Sterile lubricant) | Metronidazole | Priyanka |
| 7 | Giloy skin care gel | Tinospora cordifolia extract | Anupama Kumari |
| 8 | Amranthus Viridis gel | Amaranthus viridus , Carbopol,Sodium alginate,methyl & propyl paraben | Neha devi & Sakshi gupta |
| 9 | Nutrimix nutrition powder (Herbal) | Fenugreek leaves, Chia seeds,Peanut, Cinnamon | Asad & Safadar |
| 10 | Boroline | Night repair cream | |

Section F- Packaging materials

| Sr. No. | BrandName | Content |
|---------|------------------|---------|
| | Vials & ampoules | |

| | | |
|---|------------------------------------|---------------------------------|
| 1 | Multivitamin infusion & injections | Vitamin A,B |
| 2 | Vitamin C injection IP | Folic acid, Niacinamide |
| 3 | Nandrolone Decanoate injection IP | Nandrolone |
| 4 | Dexamethasone injection IP | Dexamethasone, Sodium Phosphate |
| 5 | Gentamicin sulphate injection IP | Gentamicin |

Blister packs

| | | |
|---|--|--------------------------|
| 1 | Progesterone sustained release tablets | Progesterone |
| 2 | Rifampicin, Isoniazid, Ethambutol HCL | Rifampicin |
| 3 | Herbolax capsules | Herbal |
| 4 | Multivitamine & multi mineral tablets | Vitamin A,B |
| 5 | Salmeterol & Fluticasone Propionate powder | Salmeterol & fluticasone |
| 6 | Thyrox -75 | Thyroxine sodium |

Bottles

| | | |
|----|---------------------------------|--------------------------------------|
| 1 | Camylofin Dihydrochloride drops | Camylofin |
| 2 | Torex –SF cough linctus | Sugar free syrup |
| 3 | Alkof | Bromhexine HCL, Terbutaline sulphate |
| 4 | Naturolax – A | Herbal |
| 5 | Ziprax IP | Cefixime |
| 6 | Igeon lotion | Permethrine & cetrimide |
| 7 | Atazis Hydroxyzine HCL | Anti histamines |
| 8 | Cofsils | Experidine gargle |
| 9 | Argipreg | L arginine & Proanthocyanidine |
| 10 | Clotrimazole & lignocaine HCL | Ear drops |
| 11 | Dorzolamide IP | Chloramphenicol & betamethasone |
| 12 | Sterile water for injection | WFI |

Tubes

| | | |
|---|-------------------------------------|---|
| 1 | Pain – X – Max topical gel | Diclofenac , Methyl salicylate ,Menthol |
| 2 | Betadine ointment | Povidone Iodine |
| 3 | Ketoconazole & Beclomethasone cream | Beclomethasone Dipropionate |
| 4 | Dolokind | Diclofenac, Capsaicin & methyl salicylic acid |

Section G – Surgicals**Sr. No. BrandName**

| | | |
|----|--|--------------------------|
| 1 | Aspiron (Sterilised surgical needled suture) | |
| 2 | Aspiron (Polyamide) non absorbable surgical suture U.S.P | |
| 3 | Aspiron polyglactin 910 (Sterilized | surgical needled suture) |
| 4 | Elastic cotton crepe bandages & compression roll | |
| 5 | Accusure ortho support | |
| 6 | Fizza abdominal belt binder | |
| 7 | Lumbo sacral belt | |
| 8 | Mediswab (Gauze swab) | |
| 9 | Examination gloves | |
| 10 | Absorbent cotton wool | |
| 11 | Onetouch ultra test strips | |
| 12 | Flicks clinical thermometer | |

- 13 Plaster of paris bandage prime POP
- 14 Evron 380 A Copper T
- 15 Kodac (Dissection instruments)
- 16 Walker
- 17 Flexi oxygen face mask
- 18 Piston compressor nebulizer

Crude Drug Museum

| Sr. No. | Name of Crude drugs |
|---------|--|
| 01 | Manjith (<i>Rubia cordifoliya</i>) Rubiaceae |
| 02 | Kantakari (<i>Solanum xanthocarpum</i>) Solanaceae |
| 03 | Coriander (<i>Coriandrum sativum</i>) Umbelliferae |
| 04 | Chichona Bark (<i>Cinchona Officinalis</i>) Rubiaceae |
| 05 | Ispaghula (<i>Plantago ovata</i>) Plantaginaceae |
| 06 | Dill Fruit (<i>Anethum graveolens</i>) Apiaceae |
| 07 | Black catechu (<i>Acacia catechu</i>) Leguminosae |
| 08 | Clove (<i>Eugenia caryophyllus</i>) Myrtaceae |
| 09 | Rauwolfia (<i>Rauwolfia serpentina</i>) Apocynaceae |
| 10 | Ajowan (<i>Trachyspermum ammi</i>) Umbelliferae |
| 11 | Asafoetida (<i>Ferula foetida</i>) Umbelliferae |
| 12 | Nux vomica (<i>Strychnos nux-vomica</i>) seeds Loganiaceae |
| 13 | Shankhpushpi (<i>Conscora decussate</i>) Gentiaceae |
| 14 | Senna (<i>Cassia angustifolia</i>) Leguminosae |
| 15 | Black pepper (<i>Piper nigrum</i>) Piperaceae |
| 16 | Fennel (<i>Foeniculum vulgare</i>) Umbelliferae |
| 17 | Cinnamon (<i>Cinnamomum zeylanicum</i>) Lauraceae |
| 18 | Nutmeg (<i>Myristica fragrans</i>) Myristicaceae |
| 19 | Ashwagandha (<i>Withania somnifera</i>) Solanaceae |
| 20 | Turmeric (<i>Curcuma longa</i>) Zingiberaceae |
| 21 | Cardamom fruit (<i>Elettaria cardamomum</i>) Zingiberaceae |
| 22 | Vasaka (<i>Adhatoda vasica</i>) Acanthaceae |
| 23 | Ephedra (<i>Ephedra gerardiana</i>) Ephedraceae |
| 24 | Amla (<i>Emblia officinalis</i>) Euphorbiaceae |
| 25 | Punarnava (<i>Boerhaavia diffusa</i>) Nyctaginaceae |
| 26 | Gokhru (<i>Tribulus terrestris</i>) Zygophyllaceae. |
| 27 | Methi (<i>Trigonella foenum -gracecum</i>) Fabaceae |
| 28 | Brahmi (<i>Bacopa monnieri</i>) Plantaginaceae |
| 29 | Kalijiri (<i>Vernonia anthelmintica</i>) Asteraceae |

**Pharmacy Museum****Pharmacy Museum****Pharmacy Museum****Pharmacy Museum****6.5 Medicinal Plant Garden (5)**

Total Marks 5.00

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

(5)

The college is maintaining the medicinal plant garden which includes various adequate herbs and shrubs. The garden is located in premises of college. The garden is permanent. The gardener is taking care of watering the plants and maintaining cleanliness in garden. Adequate numbers of plants are cultivated in medicinal plant garden of college.

| Sr. No. | Botanical name | Vernacular /Local name | Qty | Active constituents |
|---------|-----------------------------------|------------------------|-----|--|
| 1 | <i>Rauwolfia serpentina</i> | Sarpgandha | 01 | Reserpine, Serpentine, Serpentinine |
| 2 | <i>Terminalia catappa</i> | Badam | 01 | Punicalia, Terflavins A & B, Chebulagic acid. |
| 3 | <i>Chlorophytum borivillianum</i> | Safed musli | 01 | Alkaloids, protein, steroids, saponins, resins, glucose |
| 4 | <i>Adhatoda vasaka</i> | Adulsa, Vasaka | 01 | Vasicine, 2-hydroxy -4- glucosyloxychalcone, vasicol, adhatodine, vasicinone, vasicinol, arachidic |
| 5 | <i>Moringa oleifera</i> | Sehjan | 01 | β - carotene, β - sitosterol, fatty acids. |
| 6 | <i>Asparagus racemosus</i> | Shatavari | 01 | Shatavarin I-IV |
| 7 | <i>Piper longum</i> | Choti Pipali | 01 | Piperine, alkaloids |
| 8 | <i>Piper longum</i> | Badi Pipali | 01 | Piperine, alkaloids |
| 9 | <i>Ficus carica</i> | Anjeer | 01 | Polyphenols such as gallic acid , chlorogenic acid , catechin, epicatechin, rutinss |
| 10 | <i>Calotropis gigantea</i> | Akakra | 01 | cardiac aglycones |
| 11 | <i>Nyctanthes arbor-tristis</i> | Harsingar | 01 | D-mannitol , β -sitosterol , flavanol , glycosides |
| 12 | <i>Terminalia bellericax b.</i> | Behada | 01 | Gallic acid, ellagic acid |
| 13 | <i>Madhuca longifolia</i> | Mahua | 01 | Sitosterol, quercetin, 3-O-L-rhamnoside, stigmasterol, |
| 14 | <i>Jasminum sambac</i> | Bela | 01 | Dotriacontanoic acid, dotriacontanol, oleanolic acid, daucosterol, hesperidin, |
| 15 | <i>Manilkara hexandra</i> | Khinni | 01 | Sterol, tannins, saponin, gallic acid myrecetin |
| 16 | <i>Ocimum tenuiflorum</i> | Van tulsi | 01 | Oleanolic acid, Ursolic acid, Rosmarinic acid, Eugenol, Carvacrol, |
| 17 | <i>Andrographis paniculata</i> | Kalmegha | 01 | Andrographolide , lactone(https://en.wikipedia.org/wiki/Andrographolide) |
| 18 | <i>Pterocarpus santalinus</i> | Raktachandan | 01 | Alkaloids, |
| 19 | <i>Elettaria cardamomu m</i> | Elaichi | 01 | α -pinene, β -pinene, sabinene, myrcene, α -phellandrene, limonene, |
| 20 | <i>curcuma amada</i> | Amaa haldi | 01 | Curcumin, phytosterol |
| 21 | <i>Phyllanthus niruri</i> | Bhoomi awla | 01 | Phyllanthin , Norsecurinine |
| 22 | <i>Erythrina sp.</i> | Indra law | 01 | Alkaloids, flavonoids, pterocarpans, triterpenes, steroids |
| 23 | <i>Stevia rebaudiana</i> | Stevia | 01 | Stevioside, steviolbioside, rebaudiosides |
| 24 | <i>Aegle marmelos</i> | Bel | 01 | Alkaloids, coumarins, terpenoids, fatty acids, aminoacids |
| 25 | <i>Nelumbo nucifera</i> | Kamal | 01 | Miquelianin, Cocclaurine , Norcocclaurine |
| 26 | <i>Zingiber officinale</i> | Adrak | 01 | Zingiberene , Zingerone , shogaols , and Gingerols |

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|----|-------------------------------|----------------|----|--|
| 27 | <i>Paederia foetida</i> | GandhPasrani | 01 | Mercaptan, linalool |
| 28 | <i>Mentha piperita</i> L | Mentha | 01 | Carvone, limonene, β -pinene |
| 29 | <i>Solanum nigrum</i> | Makoy | 01 | Scopoletin |
| 30 | <i>Withania somnifera</i> | Ashwagandha | 01 | Withanolides Withaferin A |
| 31 | <i>Acorus calamus</i> | Vach | 01 | Acorenone, Acolamone |
| 32 | <i>Saraca asoca</i> | Ashoka | 01 | Flavonoids, steroids, glycosides, saponins, tannins |
| 33 | <i>Platycladus orientalis</i> | Morpankhi | 01 | α -pinene, α -cedrol, carene |
| 34 | <i>Kalanchoe pinnata</i> | Ajooba | 01 | Bufadienolide , nclude Bryophillin A , Bryophillin C |
| 35 | <i>Barleria prionitis</i> | Piyamasa | 01 | Barlerinoside, iridoid glycosides |
| 36 | <i>Mimosa Pudica</i> | Chooi mooi | 01 | Flavanoids, lignans |
| 37 | <i>Aloe vera</i> | Korfad | 01 | Anthraquinone glycosides |
| 38 | <i>Catharanthus roseus</i> | Vinca | 01 | Vinblastine and vincristine |
| 39 | <i>Occimum sanctum</i> | Tulsi | 01 | Eugenol, methyl-eugenol |
| 40 | <i>Prunus persica</i> | Peach | 01 | Cyanogenetic glycosides, amygdalin and prunasin along with glycerides, sterols and emulsin |
| 41 | <i>Calotropis gigantea</i> | White madar | 01 | Cardenolides, steroids, tannins, glycosides, phenols, terpenoids, sugars, flavonoids, alkaloids and saponins |
| 42 | <i>Cymbopogon citratus</i> | Lemon grass | 01 | Citral (mixture of geranial and neral), isoneral, isogeranial, geraniol, geranyl acetate, citronellal, citronellol, germacrene-D, and elemol |
| 43 | <i>Datura stramonium</i> | Datura | 01 | Hyoscyamilactol, scopoletin umkalin, daturaolone, daturadiol, N-trans-ferulicacyl-tyramine, cleomiscosin A, fraxetin, scopolamine, 1-Acetyl-7-hydrox-beta-carbol-ine, 7-hydroxy-beta-carbolinel-propionic acid |
| 44 | <i>Combretum indicum</i> | Rangooncreeper | 01 | Tannins, flavonoids, steroids, carbohydrates, protein, amino acids, saponins and phenolic compounds |
| 45 | <i>Pandanus odoratissimus</i> | Screw pine | 01 | Lignans and isoflavones, coumestrol, alkaloids, steroids, carbohydrates, phenolic compounds, glycosides, proteins, amino acids |
| 46 | <i>Murraya koenigii</i> | Curry tree | 01 | Linalool, elemol, geranyl acetate, myrcene, allo-ocimene, α -terpinene, and (E)- β -ocimene |
| 47 | <i>Convolvulus prostratus</i> | Shankhpushpi | 01 | Kaempferol, B-sitosterol, Sankhapushpine, N-hexacosanol, and Hydroxy cinnamic acid |
| 48 | <i>Hibiscus rosa-sinensis</i> | Hibiscus | 01 | Protocatechuic acid and quercetin |
| 49 | <i>Euphorbia nerifolia</i> | Thuhar | 01 | Alkaloids, anthraquinones, glycosides, flavonoids, phenolic compounds, pholobatanins, polyphenol, saponins, steroids, tannins, terpenoids, gums, mucilage, cardenolides |
| 50 | <i>Plumbago zeylanica</i> | Chitrak | 01 | Chitrane, plumbagin, 3-chlorplumbagin, zeylanone & zeylinone, isozeylinone, plumbagic acid |
| 51 | <i>Plantago ovata</i> | Isabgol | 01 | Flavonoids, alkaloids, terpenoids, phenolic acid derivatives, iridoid glycosides, fatty acids, and polysaccharides |
| 52 | <i>Trachyspermum ammi</i> | Ajwain | 01 | γ -terpinene, p-cymene, and thymol |
| 53 | Polypodiophyta | Fern | 01 | Flavonoid glycosides, mainly kaempferol, quercetin, luteolin and apigenin derivatives |

| | | | | |
|----|---------------------------|-------------|----|---|
| 54 | <i>Vitex negundo</i> | Nirgundi | 01 | Flavonoids, volatile oil, triterpenes, diterpenes, sesquiterpenes, lignan, flavones, glycosides, iridoid glycosides and stilbene derivative. |
| 55 | <i>Commiphora wightii</i> | Guggul | 01 | Diterpenoids, triterpenoids, steroids, long-chain aliphatic tetrols, aliphatic esters, ferulates, lignans, carbohydrates |
| 56 | <i>Annona squamosa</i> | Sharifa | 01 | Oxophoebine , reticuline , isocorydine |
| 57 | <i>Cascabela thevetia</i> | Kaner | 01 | Alkaloids, flavonoids, carbohydrates, tannins, phenolics, saponins, cardenolides, cardiac glycosides, pregnanes, triterpenoids, triterpenes and steroids. |
| 58 | <i>Ocimum tenuiflorum</i> | Tulsi kaali | 01 | Oleanolic acid, Ursolic acid, Rosmarinic acid, Eugenol, Carvacrol, Linalool, and β -caryophyllene |
| 59 | <i>Bacopa monnieri</i> | Brahmi | 01 | Hersaponin, apigenin, D-mannitol, monnierasides I-III, plantainoside B and cucurbitacin |
| 60 | <i>Murraya paniculata</i> | Manokamini | 01 | Caryophyllene oxide, β -caryophyllene, spathulenol |



Herbal Garden



Herbal Garden



Herbal Garden



Herbal Garden



Herbal Garden



Herbal Garden

| Name of the Technical Staff | Designation | Date Of Joining | Qualification | | Other Technical Skill Gained | Responsibility |
|-----------------------------|-------------------|-----------------|-----------------------------------|-----------------------------------|------------------------------|----------------|
| | | | AT joining | Now | | |
| Mr. Rajesh Singh | Store –in-Charge | 01/03/2001 | B.Sc. | B.Sc. | No | Annexure A |
| Mr. Shashank Sharma | Instructor | 27/07/2011 | B.Sc., MCA, PGDCA, CCC, Asp.Net, | B.Sc., MCA, PGDCA, CCC, Asp.Net, | No | Annexure A |
| Ms. Rashmi Bala Dixit | Asstt. Librarian | 01/11/2008 | M. Lib. Sc., CCC | M. Lib. Sc., CCC | No | Annexure A |
| Ms. Shalini Verma | Asstt. Librarian | 07/11/2019 | M. Lib. Sc | M. Lib. Sc. | No | Annexure A |
| Mr. Deependra Nath Pathak | Lab Technician | 08/11/2001 | B.A., D.M.L.T | B.A., D.M.L.T | No | Annexure A |
| Ms. Saroj Verma | Computer Operator | 07/09/2012 | M.A., CCC, PGDEA, D.El.Ed | M.A., CCC, PGDEA, D.El.Ed | No | Annexure A |
| Mr. Mohit Kumar Verma | Lab Technician | 20/04/2016 | D. Pharm., MDCIM Computer Diploma | D. Pharm., MDCIM Computer Diploma | No | Annexure A |
| Mr. Ashish Kumar | Lab Technician | 04/07/2022 | D. Pharm., MDCIM Computer Diploma | D. Pharm., MDCIM Computer Diploma | No | Annexure A |
| Mr. Byas Muni Yadav | Lab Technician | 04/07/2022 | D.Pharm | D.Pharm | No | Annexure A |
| Mr. Alok Verma | Lab Technician | 17/01/2023 | D.Pharm | D.Pharm | No | Annexure A |
| Mr. Kamal Singh Yadav | Lab Assistant | 01/03/2001 | High School | High School | No | Annexure A |
| Ms. Mithlesh Saroj | Library Assistant | 09/11/2006 | B.A. | B.A. | No | Annexure A |
| Ms. Annapurna Kumari | Library Assistant | 06/02/2023 | M. Lib. Sc. | M. Lib. Sc. | No | Annexure A |
| Mr. Pawan Kumar Yadav | Lab Assistant | 17/09/2016 | B.A. | B.A. | No | Annexure A |
| Mr. Ved Prakash Mishra | Lab Assistant | 19/09/2016 | B.A. | B.A. | No | Annexure A |
| Mr. Sanjeev Kumar | Lab Assistant | 18/08/2010 | B.A., ADCA | B.A., ADCA | No | Annexure A |
| Mr. Hari Om | Lab Assistant | 20/04/2012 | Intermediate | Intermediate | No | Annexure A |
| Mr. Govind Prasad | Assistant | 20/04/2012 | M.A., CCC | M.A., CCC | No | Annexure A |
| Mr. Siya Ram | Lab Assistant | 20/04/2012 | High School | High School | No | Annexure A |
| Mr. Satendra Singh | Lab Assistant | 21/04/2012 | Intermediate | Intermediate | No | Annexure A |
| Mr. Mahendra Pratap Singh | Lab Assistant | 19/09/2016 | Intermediate | Intermediate | No | Annexure A |
| Mr. Sandeep Kumar Verma | Lab Assistant | 18/09/2019 | B.A. | B.A. | No | Annexure A |
| Mr. Lalit Kumar | Lab Assistant | 07/11/2019 | Intermediate, CCC | Intermediate, CCC | No | Annexure A |
| Mr. Bhupendra Singh | Lab Assistant | 07/11/2019 | B.A. | B.A. | No | Annexure A |
| Mr. Prahlad Singh | Lab Assistant | 07/11/2019 | B.A. | B.A. | No | Annexure A |

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|--------------------------|-------------------|------------|--------------|--------------|----|------------|
| Mr. Amarjeet | Lab Assistant | 04/07/2022 | Intermediate | Intermediate | No | Annexure A |
| Mr. Shaurabh Kumar Yadav | Lab Assistant | 04/07/2022 | Intermediate | Intermediate | No | Annexure A |
| Mr. Ramteerth | Lab Assistant | 04/07/2022 | B. A. | B. A. | No | Annexure A |
| Mr. Chandan Yadav | Lab Assistant | 04/07/2022 | Intermediate | Intermediate | No | Annexure A |
| Mr. Pramod Gaur | Lab Assistant | 28/08/2017 | Intermediate | Intermediate | No | Annexure A |
| Mr. Narendra Yadav | Peon | 03/01/2022 | Intermediate | Intermediate | No | Annexure A |
| Mr. Anmol | Peon | 03/01/2022 | VIIIth | VIIIth | No | Annexure A |
| Mr. Raju | Peon | 21/09/2022 | VIIIth | VIIIth | No | Annexure A |
| Mr. Prem Chandra | Peon | 03/01/2023 | VIIIth | VIIIth | No | Annexure A |
| Mr. Pankaj Yadav | Peon | 06/06/2023 | High School | High School | No | Annexure A |
| Mr. Ved Prakash Rawat | Computer Operator | 02/09/2006 | B.A., COFA | B.A., COFA | No | Annexure A |

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

Institute Marks : 10.00

Sufficient technical staff is available to run the program specific laboratories.

Each course specific lab has a qualified supporting staff to guide the students.

List of Non-Teaching Staff (2022-23)

| S. No. | Employee Name | Designation | Qualification | Department | DOJ | Contact No. |
|--------|---------------------------|-------------------|-----------------------------------|--|------------|-------------|
| 1. | Mr. Rajesh Singh | Store –in-Charge | B.Sc. | Store | 01/03/2001 | 9721850524 |
| 2. | Mr. Shashank Sharma | Instructor | B.Sc., MCA, PGDCA, CCC, Asp.Net, | Computer Centre | 27/07/2011 | 9450194091 |
| 3. | Ms. Rashmi Bala Dixit | Asstt. Librarian | M. Lib. Sc., CCC | Library | 01/11/2008 | 7080805613 |
| 4. | Ms. Shalini Verma | Asstt. Librarian | M. Lib. Sc. | Library | 07/11/2019 | 9140865708 |
| 5. | Mr. Deependra Nath Pathak | Lab Technician | B.A., D.M.L.T | Instrument Lab | 08/11/2001 | 9450278808 |
| 6. | Ms. Saroj Verma | Computer Operator | M.A., CCC, PGDCA, D.El.Ed | Office (Director, Pharmacy) | 07/09/2012 | 8960685299 |
| 7. | Mr. Ved Prakash Rawat | Computer Operator | B.A. | Office (Controller of Admission & Examination) | 02/09/2006 | 9839243019 |
| 8. | Mr. Mohit Kumar Verma | Lab Technician | D. Pharm., MDCIM Computer Diploma | Pharmaceutical Chemistry Lab (B.Pharm.) | 20/04/2016 | 9721041101 |
| 9. | Mr. Ashish Kumar | Lab Technician | D.Pharm, M.A., ADCA | Pharmaceutical Chemistry Lab (M.Pharm.) | 04/07/2022 | 8052375561 |
| 10. | Mr. Byas Muni Yadav | Lab Technician | D.Pharm | Biochemistry Lab (D.Pharm.) | 04/07/2022 | 9415763819 |
| 11. | Mr. Alok Verma | Lab Technician | D.Pharm. | Pharmacology Lab (B.Pharm.) | 17/01/2023 | 7497979839 |
| 12. | Mr. Kamal Singh Yadav | Lab Assistant | High School | Machine Room | 01/03/2001 | 9005419041 |
| 13. | Ms. Mithlesh Saroj | Library Assistant | B.A. | Library | 09/11/2006 | 9936156854 |
| 14. | Ms. Annapurna Kumari | Library Assistant | M. Lib. Sc. | Library | 06/02/2023 | 9044506609 |
| 15. | Mr. Pawan Kumar Yadav | Lab Assistant | B.A. | Human Anatomy & Pathophysiology Lab (B.Pharm.) | 17/09/2016 | 9125916699 |
| 16. | Mr. Ved Prakash Mishra | Lab Assistant | B. A. | Pharmaceutical Chemistry Lab (D.Pharm.) | 19/09/2016 | 6388725985 |
| 17. | Mr. Sanjeev Kumar | Lab Assistant | B.A., ADCA | Pharmaceutical Chemistry-I (B.Pharm.) | 18/08/2010 | 9621592349 |

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|-----|---------------------------|---------------|-------------------|--|------------|------------|
| 18. | Mr. Hari Om | Lab Assistant | Intermediate | Pharmaceutical Chemistry-III (B.Pharm.) | 20/04/2012 | 7897332576 |
| 19. | Mr. Govind Prasad | Assistant | M.A., CCC | Computer Centre | 20/04/2012 | 7985294130 |
| 20. | Mr. Siya Ram | Lab Assistant | High School | Microbiology Lab (B.Pharm.) | 20/04/2012 | 9670813652 |
| 21. | Mr. Satendra Singh | Lab Assistant | Intermediate | Pharmaceutics-III Lab (B.Pharm.) | 21/04/2012 | 9598168923 |
| 22. | Mr. Mahendra Pratap Singh | Lab Assistant | Intermediate | Pharmaceutical Chemistry Lab (M.Pharm.) | 19/09/2016 | 7524861735 |
| 23. | Mr. Sandeep Kumar Verma | Lab Assistant | B.A. | Pharmaceutics-II (B.Pharm.) | 18/09/2019 | 7839489691 |
| 24. | Mr. Lalit Kumar | Lab Assistant | Intermediate, CCC | Pharmacology Lab (B.Pharm.) | 07/11/2019 | 7355449925 |
| 25. | Mr. Bhupendra Singh | Lab Assistant | B.A. | Pharmaceutics Lab (D.Pharm.) | 07/11/2019 | 9696081548 |
| 26. | Mr. Prahlad Singh | Lab Assistant | B.A. | Pharmaceutics Lab (M.Pharm.) | 07/11/2019 | 8953051310 |
| 27. | Mr. Amarjeet | Lab Assistant | Intermediate | Pharmaceutical Analysis Lab (B.Pharm.) | 04/07/2022 | 9839282481 |
| 28. | Mr. Shaurabh Kumar Yadav | Lab Assistant | Intermediate | Biochemistry Lab (D.Pharm.) | 04/07/2022 | 6307644675 |
| 29. | Mr. Ramteerth | Lab Assistant | B. A. | Pharmaceutics-I Lab (B.Pharm.) | 04/07/2022 | 9119646084 |
| 30. | Mr. Chandan Yadav | Lab Assistant | Intermediate | Pharmaceutical Chemistry-II Lab (B.Pharm.) | 04/07/2022 | 7054860977 |
| 31. | Mr. Pramod Gaur | Lab Assistant | Intermediate | Pharmacognosy Lab (D.Pharm) | 28/08/2017 | 7505695518 |
| 32. | Mr. Narendra Yadav | Peon | Intermediate | Office | 03/01/2022 | 6387638877 |
| 33. | Mr. Anmol | Peon | VIIIth | ----- | 03/01/2022 | 8707702982 |
| 34. | Mr. Raju | Peon | VIIIth | ----- | 21/09/2022 | 9695641346 |
| 35. | Mr. Prem Chandra | Peon | VIIIth | ----- | 03/01/2023 | 9473750285 |
| 36. | Mr. Pankaj Yadav | Peon | High School | ----- | 06-06-2023 | 9721074804 |

List of Non-Teaching Staff (2021-22)

| S. No. | Employee Name | Designation | Qualification | Department | DOJ | Contact No. |
|--------|---------------------------|-------------------|---------------------------|--|------------|-------------|
| 1. | Mr. Rajesh Singh | Store –in-Charge | B.Sc. | Store | 01/03/2001 | 9721850524 |
| 2. | Mr. Shashank Sharma | Instructor | B.Sc., MCA, PGDCA | Computer Centre | 27/07/2011 | 9450194091 |
| 3. | Ms. Rashmi Bala Dixit | Asstt. Librarian | M. Lib. Sc. | Library | 01/11/2008 | 7080805613 |
| 4. | Ms. Shalini Verma | Asstt. Librarian | M. Lib. Sc. | Library | 07/11/2019 | 9140865708 |
| 5. | Mr. Deependra Nath Pathak | Lab Technician | B.A., D.M.L.T | Instrument Lab | 08/11/2001 | 9450278808 |
| 6. | Ms. Saroj Verma | Computer Operator | M.A., CCC, PGDCA, D.El.Ed | Office (Director, Pharmacy) | 07/09/2012 | 8960685299 |
| 7. | Mr. Mohit Kumar Verma | Lab Technician | D. Pharm., B.Sc.,M.A. | Pharmaceutical Chemistry Lab (B.Pharm.) | 20/04/2016 | 9721041101 |
| 8. | Mr. Ashish Kumar | Lab Technician | D.Pharm, M.A. | Pharmaceutical Chemistry Lab (M.Pharm.) | 04/07/2022 | 8052375561 |
| 9. | Mr. Prashant Kumar Verma | Lab Technician | D.Pharm | Pharmaceutics Lab (B.Pharm.) | 04/07/2022 | 7985294111 |
| 10. | Mr. Byas Muni Yadav | Lab Technician | D.Pharm | Biochemistry Lab (D.Pharm.) | 04/07/2022 | 9415763819 |
| 11. | Mr. Kamal Singh Yadav | Lab Assistant | High School | Machine Room | 01/03/2001 | 9005419041 |
| 12. | Ms. Mithlesh Saroj | Library Assistant | B.A. | Library | 09/11/2006 | 9936156854 |
| 13. | Mr. Pawan Kumar Yadav | Lab Assistant | B.A. | Human Anatomy & Pathophysiology Lab (B.Pharm.) | 17/09/2016 | 9125916699 |
| 14. | Mr. Ved Prakash Mishra | Lab Assistant | B. A. | Pharmaceutical Chemistry Lab (D.Pharm.) | 19/09/2016 | 6388725985 |
| 15. | Mr. Sanjeev Kumar | Lab Assistant | B.A., ADCA | Pharmaceutical Chemistry-I (B.Pharm.) | 18/08/2010 | 9621592349 |
| 16. | Mr. Hari Om | Lab Assistant | Intermediate | Pharmaceutical Chemistry-III (B.Pharm.) | 20/04/2012 | 7897332576 |
| 17. | Mr. Govind Prasad | Assistant | M. A. | Computer Centre | 20/04/2012 | 7985294130 |
| 18. | Mr. Siya Ram | Lab Assistant | High School | Microbiology Lab (B.Pharm.) | 20/04/2012 | 9670813652 |
| 19. | Mr. Satendra Singh | Lab Assistant | Intermediate | Pharmaceutics-III Lab (B.Pharm.) | 21/04/2012 | 9598168923 |
| 20. | Mr. Mahendra Pratap Singh | Lab Assistant | Intermediate | Pharmaceutical Chemistry Lab (M.Pharm.) | 19/09/2016 | 7524861735 |

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|-----|--------------------------|---------------|--------------|--|------------|------------|
| 21. | Mr. Sandeep Kumar Verma | Lab Assistant | B. A. | Pharmaceutics-II (B.Pharm.) | 18/09/2019 | 7839489691 |
| 22. | Mr. Lalit Kumar | Lab Assistant | Intermediate | Pharmacology Lab (B.Pharm.) | 07/11/2019 | 7355449925 |
| 23. | Mr. Bhupendra Singh | Lab Assistant | B.A. | Pharmaceutics Lab (D.Pharm.) | 07/11/2019 | 9696081548 |
| 24. | Mr. Prahlad Singh | Lab Assistant | B.A. | Pharmaceutics Lab (M.Pharm.) | 07/11/2019 | 8953051310 |
| 25. | Mr. Monu Yadav | Lab Assistant | B.COM. | Pharmaceutical Chemistry Lab (M.Pharm.) | 07/11/2019 | 9839445364 |
| 26. | Mr. Abhay Dwivedi | Lab Assistant | Intermediate | Biochemistry Lab (B.Pharm.) | 01/11/2021 | 7562889633 |
| 27. | Mr. Amarjeet | Lab Assistant | Intermediate | Pharmaceutical Analysis Lab (B.Pharm.) | 04/07/2022 | 9839282481 |
| 28. | Mr. Shaurabh Kumar Yadav | Lab Assistant | Intermediate | Biochemistry Lab (D.Pharm.) | 04/07/2022 | 6307644675 |
| 29. | Mr. Ramteerth | Lab Assistant | B. A. | Pharmaceutics-I Lab (B.Pharm.) | 04/07/2022 | 9119646084 |
| 30. | Mr. Chandan Yadav | Lab Assistant | Intermediate | Pharmaceutical Chemistry-II Lab (B.Pharm.) | 04/07/2022 | 7054860977 |
| 31. | Mr. Pramod Gaur | Lab Assistant | Intermediate | Pharmacognosy Lab (D.Pharm) | 28/08/2017 | 7505695518 |
| 32. | Mr. Narendra Yadav | Peon | Intermediate | Office | 03/01/2022 | 6387638877 |
| 33. | Mr. Anmol | Peon | VIIIth | ----- | 03/01/2022 | 8707702982 |

List of Non-Teaching Staff (2020-21)

| S. No. | Employee Name | Designation | Qualification | Department | DOJ | Contact No. |
|--------|---------------------------|-------------------|-------------------|-----------------|------------|-------------|
| 1. | Mr. Rajesh Singh | Store –in-Charge | B.Sc. | Store | 01/03/2001 | 9721850524 |
| 2. | Mr. Shashank Sharma | Instructor | B.Sc., MCA, PGDCA | Computer Centre | 27/07/2011 | 9450194091 |
| 3. | Ms. Rashmi Bala Dixit | Asstt. Librarian | M. Lib. Sc. | Library | 01/11/2008 | 7080805613 |
| 4. | Mr. Deependra Nath Pathak | Lab Technician | B.A., D.M.L.T | Instrument Lab | 08/11/2001 | 9450278808 |
| 5. | Ms. Sheetal Mishra | Jr. Exec. (Admn.) | M.A. , PGDCA | office | 03/02/2003 | 9935486481 |

| | | | | | | |
|-----|---------------------------|-------------------|---------------------------|--|------------|------------|
| 6. | Ms. Saroj Verma | Computer Operator | M.A., CCC, PGDCA, D.El.Ed | Office (Director, Pharmacy) | 07/09/2012 | 8960685299 |
| 7. | Ms. Shalini Verma | Asstt. Librarian | M. Lib. Sc. | Library | 07/11/2019 | 9140865708 |
| 8. | Mr. Mohit Kumar Verma | Lab Technician | D. Pharm., B.Sc., M.A. | Pharmaceutical Chemistry Lab (B.Pharm.) | 20/04/2016 | 9721041101 |
| 9. | Mr. Kamal Singh Yadav | Lab Assistant | High School | Machine Room | 01/03/2001 | 9005419041 |
| 10. | Ms. Mithlesh Saroj | Library Assistant | B.A. | Library | 09/11/2006 | 9936156854 |
| 11. | Mr. Pawan Kumar Yadav | Lab Assistant | B.A. | Human Anatomy & Pathophysiology Lab (B.Pharm.) | 17/09/2016 | 9125916699 |
| 12. | Mr. Ved Prakash Mishra | Lab Assistant | B. A. | Pharmaceutical Chemistry Lab (D.Pharm.) | 19/09/2016 | 6388725985 |
| 13. | Mr. Sanjeev Kumar | Lab Assistant | B.A. | Pharmaceutical Chemistry-I (B.Pharm.) | 18/08/2010 | 9621592349 |
| 14. | Mr. Hari Om | Lab Assistant | Intermediate | Pharmaceutical Chemistry-III (B.Pharm.) | 20/04/2012 | 7897332576 |
| 15. | Mr. Govind Prasad | Assistant | M. A. | Computer Centre | 20/04/2012 | 7985294130 |
| 16. | Mr. Siya Ram | Lab Assistant | High School | Microbiology Lab (B.Pharm.) | 20/04/2012 | 9670813652 |
| 17. | Mr. Satendra Singh | Lab Assistant | Intermediate | Pharmaceutics-III Lab (B.Pharm.) | 21/04/2012 | 9598168923 |
| 18. | Mr. Avneesh Kumar | Lab Assistant | Intermediate | Animal House | 19/09/2016 | 8932868894 |
| 19. | Mr. Mahendra Pratap Singh | Lab Assistant | Intermediate | Pharmaceutical Chemistry Lab (M.Pharm.) | 19/09/2016 | 7524861735 |
| 20. | Mr. Sandeep Kumar Verma | Lab Assistant | Intermediate | Pharmaceutics-II (B.Pharm.) | 18/09/2019 | 7839489691 |
| 21. | Mr. Lalit Kumar | Lab Assistant | Intermediate | Pharmacology Lab (B.Pharm.) | 07/11/2019 | 7355449925 |
| 22. | Mr. Bhupendra Singh | Lab Assistant | B.A. | Pharmaceutics Lab (D.Pharm.) | 07/11/2019 | 9696081548 |
| 23. | Mr. Prahlad Singh | Lab Assistant | B.A. | Pharmaceutics Lab (M.Pharm.) | 07/11/2019 | 8953051310 |
| 24. | Mr. Monu Yadav | Lab Assistant | Intermediate | Pharmaceutical Chemistry Research Lab (M.Pharm.) | 07/11/2019 | 8726733009 |

| | | | | | | |
|-----|-----------------------|------|--------------|-----------------------------------|------------|------------|
| 25. | Mr. Pramod Gaur | Peon | Intermediate | Pharmacognosy Lab (D.Pharm) | 28/08/2017 | 7505695518 |
| 26. | Mr. Deepak | Peon | High School | Office | 13/04/2018 | 6307474654 |

6.6.2 Incentives, skill upgrade, and professional advancement (10)

Institute Marks : 10.00

- Sent to training outside the institution for professional advancement.
- Conducted Fire extinguisher training within college campus.
- Demo on working of instruments given by engineers and faculty and attended by lab technicians.
- In-house training is also provided to lab technicians and store in-charge to upgrade their skills Like preparing word and Excel documents in computer or preparation of reagents, handling of microscopes, handling of animals, maintenance of balance, pH meter, hot air oven, autoclave, hot plate in respective departments.
- Skill up gradation and professional advancement.
- The non-teaching staffs are encouraged to improve their skills and gain knowledge by providing registration fees for attending various workshops and conferences.

The following table provides the details of staff who attended various conferences and workshops to upgrade their skills

| Sr. No. | Name | Details |
|---------|--|---|
| 1 | Ms. Rashmi Bala (Assistant Librarian) | 1.Attended hands on training on application/workshop on use of KOHA software for barcoding. 2.Handling of other library software. |
| 2 | Mr. Deependra Nath Pathak (Laboratory Technician) | 1. Training on use digital tablet dissolution apparatus. 2.Hands on training for operation of FT-IR-Bruker Alpha II instrument. 3. Training on use of Systronics Instrument Double Beam Spectrophotometer. |
| 3 | Mr. Mohit Kumar Verma (Laboratory Technician) | 1. Training on use digital tablet dissolution apparatus. 2.A Hands on training for operation of FT-IR-Bruker Alpha II instrument. 3. Training on use of Systronics Instrument Double Beam Spectrophotometer. |
| 4 | Mr. Byas Muni Yadav (Laboratory Technician) | 1. A Hands on training for operation of FT-IR-Bruker Alpha II instrument. 2.Training on use digital tablet dissolution apparatus.. 3.Training on use of Systronics Instrument Double Beam Spectrophotometer. |
| 5 | Mr. Alok Verma (Laboratory Technician) | 1. A Hands on training for operation of FT-IR-Bruker Alpha II instrument. 2. Training on use digital tablet dissolution apparatus. 3. Training on use of Systronics Instrument Double Beam Spectrophotometer. |
| 6 | Mr. Ashish Kumar (Laboratory Technician) | 1. A Hands on training for operation of FT-IR-Bruker Alpha II instrument. 2. Training on use digital tablet dissolution apparatus. 3. Training on use of Systronics Instrument Double Beam Spectrophotometer. |
| 7 | Mr. Lalit Kumar | 1.Training on care of laboratory animals in biomedical research. |



Training of UV Spectrophotometer



Hands on training FTIR



Training on Probe Sonicator



Training on use digital tablet dissolution apparatus



Training on automatic tablet punching press



7 CONTINUOUS IMPROVEMENT (75)

Total Marks 71.20

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

Total Marks 15.00

| Items | 2018-19 (LYG) | 2017-18 (LYGm1) | 2016-17 (LYGm2) |
|----------------------------|---------------|-----------------|-----------------|
| Success Index (from 4.2.1) | 0.78 | 0.68 | 0.62 |

7.2 Improvement in Placement and Higher Studies (15)

Total Marks 15.00

Institute Marks : 15.00

| Items | 2018-19 (LYG) | 2017-18 (LYGm1) | 2016-17 (LYGm2) |
|----------------------------|---------------|-----------------|-----------------|
| Placement Index (from 4.7) | 0.89 | 0.82 | 0.84 |

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

Total Marks 6.20

Institute Marks : 6.20

| Academic Performance | 2018-19 (LYG) | 2017-18 (LYGm1) | 2016-17 (LYGm2) |
|---|---------------|-----------------|-----------------|
| Mean of CGPA or mean percentage of all successful students(X) | 7.41 | 7.32 | 7.12 |
| Total number of successful students(Y) | 73.00 | 64.00 | 53.00 |
| Total number of students appeared in the examination(Z) | 82.00 | 78.00 | 63.00 |
| API [$X \cdot (Y/Z)$]: | 6.60 | 6.01 | 5.99 |

Average API [(AP1 + AP2 + AP3)/3] : 6.20

Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] : 6.20

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

Total Marks 15.00

Institute Marks : 15.00

| Item | | 2021-22(CAYm1) | 2020-21(CAYm2) | 2019-20 (CAYm3) |
|--|-------------------------|----------------|----------------|-----------------|
| National Level Entrance Examination JEE/JEE/NA | No of students admitted | 107 | 104 | 0 |
| | Opening Score/Rank | 50 | 875 | 0 |
| | Closing Score/Rank | 13988 | 17002 | 0 |
| State/ University/ Level Entrance Examination/ Others UPCET/UPSEE/UPSEE | No of students admitted | 0 | 0 | 98 |
| | Opening Score/Rank | 0 | 0 | 700 |
| | Closing Score/Rank | 0 | 0 | 17546 |
| Name of the Entrance Examination for Lateral Entry or lateral entry details Same as above | No of students admitted | 2 | 4 | 1 |
| | Opening Score/Rank | 98 | 126 | 68 |
| | Closing Score/Rank | 324 | 11923 | 68 |
| Average CBSE/Any other board result of admitted students(Physics, Chemistry&Maths) | | 73 | 72.3 | 72 |

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

Total Marks 20.00

POs Attainment Levels and Actions for Improvement- (2021-22)

| POs | Target Level | Attainment Level | Observations |
|-----|--------------|------------------|--------------|
|-----|--------------|------------------|--------------|

PO 1 : Pharmacy Knowledge

| | | | |
|---|------|------|---|
| PO 1 | 2.22 | 2.27 | It was observed that students should understand the importance of pharmacy in relation to formulation development and use of heavy machines, and their functioning. |
| Action Taken: A lecture on An outline on conventional drug delivery, emphasizing on the newer approaches for the same by Dr. Subhash Dwivedi ,Post-doctoral Fellow, University of Alabama on 07.03.2022 | | | |

PO 2 : Planning abilities

| | | | |
|--|------|------|---|
| PO 2 | 1.58 | 1.60 | It was observed that students should have effective abilities related to planning which involves management of time, and resources, including delegation and organizational skills. |
| Action Taken: To understand the importance of effective planning abilities for betterment of future, a lecture was delivered by Dr. Harinath Dwivedi on 17.11.2021. The lecture highlighted the importance of time and resource management, and organization skills. | | | |

PO 3 : Problem Analysis

| | | | |
|--|------|------|--|
| PO 3 | 1.55 | 1.61 | It was observed that students should be capable of thinking clearly, analytically, and critically in solving problems and make quick decisions. They should utilize the principles of scientific enquiry as and when |
| Action Taken: In order to understand and utilize the principles of scientific enquiry, and make them analytical and critical thinkers on problem solving and decision making, a workshop activity was carried out by the expert, Ms. Pooja Agarwal on 06.10.2021. The students participated in the activities and were presented case studies. They had to think over to solve the given situation, and make decision in the case. | | | |

PO 4 : Modern tool usage

| | | | |
|---|------|------|--|
| PO 4 | 1.55 | 1.61 | It was observed that students need to understand the concept of AI and ML in drug designing. |
| Action Taken: So as to fulfil the need of AI and ML based learning, a demonstration was arranged on Concept of ML and its use to predict drug-likeness, safety and optimization of molecules by use of tools like StarDrop software by Dr. Girinath Pillai (Director, Zastra Innovations Pvt. Ltd.) on 16.09.2021 | | | |

PO 5 : Leadership skills

| | | | |
|---|------|------|--|
| PO 5 | 0.96 | 0.97 | It was felt that students should play active participatory roles as responsible citizen and must play leadership role for the well-being of the society. |
| Action Taken: The quality of leadership in an integral part of professional and individual development. A lecture by Dr. M. K. Rastogi on 10.01.2022 emphasized the need of leadership and its application in every aspect of life. | | | |

PO 6 : Professional identity

| | | | |
|---|------|------|---|
| PO 6 | 1.61 | 1.62 | It was felt that students should have knowledge about different fields of pharmacy where they can explore their career and help to benefit the society. |
| Action Taken: To understand the importance of pharmacy and the different fields of pharmacy, a lecture by Mr. Sanjeet Pandey on career and scholarship opportunities for student was conducted on 15.04.2022. The talk discussed various opportunities present in India and abroad related with pharmacy. | | | |

PO 7 : Pharmaceutical Ethics

| | | | |
|------|------|------|--|
| PO 7 | 1.74 | 1.80 | It was observed that students need to be aware about honouring personal value and how to apply ethical principles in professional and social contexts. |
|------|------|------|--|

Action Taken: The students were made aware about ethics with animals that they need to observe while working in laboratory. A lecture by Mr. Vishwambhar Mishra on 17.05.2022 helped students understand the necessity of ethics in pharmacy laboratory practices.

PO 8 : Communication

| | | | |
|------|------|------|---|
| PO 8 | 1.06 | 1.07 | It was observed that students should know how to write an effective report and make effective presentation. |
|------|------|------|---|

Action Taken: A lecture-cum-practice session was delivered by Dr. Ajay kr. Bajpai on 27.04.2022. The session helped students get full opportunity of getting experience on their communication skills.

PO 9 : The pharmacist and society

| | | | |
|------|------|------|---|
| PO 9 | 1.68 | 1.75 | As key health care players, it was observed that pharmacy students should be aware of important of donation to the society to help the mankind. |
|------|------|------|---|

Action Taken: To make them understand their role and benefit that the society gets from pharmacy profession, the students were engaged in the health check-up camps and blood donation camps, under guidance of Mr. Vishwambhar Mishra and Dr. Shekhar Singh.

PO 10 : Environment and Sustainability

| | | | |
|-------|------|------|--|
| PO 10 | 1.45 | 1.47 | Modern lifestyle has disturbed the environment as well as human beings that have large relation in development of stress and diseases. Hence, environment protection plays a prominent role to balance the daily life. |
|-------|------|------|--|

Action Taken: Activities on greenery, tree plantation, cleanliness was conducted under supervision of Dr. Sanjiv Chaudhri was on 06/06/2022. The activities made students understand how protection of nature helps to improve lifestyle of human beings along with providing its benefits.

PO 11 : Life-long Learning

| | | | |
|-------|------|------|--|
| PO 11 | 2.09 | 2.11 | It was felt that there was need of summarizing the learning's in pharmacy, with life-long applicability. |
|-------|------|------|--|

Action Taken: A lecture was conducted Ms. Saira B. Warsia briefed the various aspects necessary for a successful life-long learning. The lecture inspired the students to apply the principles in their career and life.

POs Attainment Levels and Actions for Improvement- (2020-21)

| POs | Target Level | Attainment Level | Observations |
|---|--------------|------------------|---|
| PO 1 : Pharmacy Knowledge | | | |
| PO 1 | 2.17 | 2.22 | It was observed that students should understand the importance of pharmacy in relation to its varied application. |
| Action Taken: It is essential that students should have core and basic knowledge associated with the profession of pharmacy and to inculcate the same a lecture was delivered by Ms. Neelam Datt. The lecture provided an insight on the different sectors of pharmacy, along with the role of pharmacist in COVID-19. | | | |
| PO 2 : Planning abilities | | | |
| PO 2 | 1.5 | 1.58 | It was observed that students should have effective planning abilities including time management, resource management, delegation skills and organizational skills. Also students should develop and implement plan |
| Action Taken: A lecture was delivered by Prof. M. K. Rastogi to explain the importance of planning in life. The e-lecture benefitted students by making them understand how to organize and plan the resources, and utilize their skills to meet the deadlines. | | | |
| PO 3 : Problem Analysis | | | |
| PO 3 | 1.48 | 1.55 | It was observed that students should utilize the principles of scientific enquiry. They should think clearly, analytically, and critically in solving problems and make quick decisions. |
| Action Taken: In order to understand and utilize the principles of scientific enquiry, and prepare students critical thinkers on problem solving and decision making, a lecture was delivered by Prof. (Dr.) Shubhini A. Saraf on 18.09.2020. The students participated actively and were presented case studies. They had to think over to solve the given situation, and make decision in the case. | | | |
| PO 4 : Modern tool usage | | | |
| PO 4 | 1.53 | 1.55 | It was observed as a need of time that the students should know how to use the available contents of pharmacy related subjects. |
| Action Taken: To solve the purpose the students were provided guidance on how to make use of the university consortium "Nalanda e-consortium" and the e-lecture contents on their ERP. This helped them to aggressively and constantly pursue their studies. | | | |
| PO 5 : Leadership skills | | | |
| PO 5 | 0.95 | 0.96 | It was felt that students should have active participation, become responsible citizens and should play leadership role in well-being of the society. |
| Action Taken: To understand the principles of leadership and team-work, a lecture was delivered by Prof. (Dr.) Ranjit Singh. The students participated actively and understood the importance of leadership skills that will help in their services to the society as responsible citizens. | | | |
| PO 6 : Professional identity | | | |
| PO 6 | 1.45 | 1.61 | It was felt that students should know the various fields of Pharmacy where they explore their career and can benefit the society as a health care professional. |
| Action Taken: A lecture was organized for the students to provide them an overview on how to choose their professional careers, and the role it will play in the health care system. The lecture was given by Mr. Ajay S. Raghuvanshi on 17.02.2021, and gave students a guideline on choosing their careers wisely. | | | |
| PO 7 : Pharmaceutical Ethics | | | |
| PO 7 | 1.68 | 1.74 | It was observed that students need to be aware about honouring personal value and how to apply ethical principles in professional and social contexts. |

Action Taken: The students were made aware on professional ethics that they need to observe. A lecture by Ms. Priyanka Maurya on 10.03.2021 helped students understand the necessity of ethics in their profession and life.

PO 8 : Communication

| | | | |
|------|------|------|---|
| PO 8 | 1.03 | 1.06 | It was observed that students should know how to write an effective report and make effective presentation. |
|------|------|------|---|

Action Taken: So as to make students confident enough to express their views and face interviews, or represent themselves at college level, activities were carried out under guidance on Dr. Ajay K. Bajpai. The workspace-based activity helped students to build confidence.

PO 9 : The pharmacist and society

| | | | |
|------|------|------|--|
| PO 9 | 1.56 | 1.68 | As key health care players it was observed that pharmacy students should be aware of important of donation to the society to help the mankind. |
|------|------|------|--|

Action Taken: To make them understand their role and benefit that the society gets from pharmacy profession, the students were arranged for a lecture by Ms. Shivi Krishna on 23.09.2020. The lecture benefited the students with use of modalities and art therapy for a healthy mind and body.

PO 10 : Environment and Sustainability

| | | | |
|-------|------|------|---|
| PO 10 | 1.44 | 1.45 | Modern lifestyle has disturbed the normal way of routine of all human beings that leads to stress and development of many diseases in human. Hence the role of Ayurveda plays a prominent role to balance the daily |
|-------|------|------|---|

Action Taken: A lecture by Dr. Amit Verma provided students an insight on the green chemistry approach. The e-lecture helped students to understand the relationship between use of chemistry and nature, and the approaches that would help develop sustainability.

PO 11 : Life-long Learning

| | | | |
|-------|------|------|--|
| PO 11 | 1.97 | 2.09 | It was observed that students should understand the importance of Regulatory affairs in ongoing technological changes. |
|-------|------|------|--|

Action Taken: A lecture was delivered by Dr. Sapana Kushwaha on 11.11.2020, briefing various aspects that should be implemented for a successful life-long learning. The lecture inspired students to apply the principles in their career and life.

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

| POs | Target Level | Attainment Level | Observations |
|--|--------------|------------------|--|
| PO 1 : Pharmacy Knowledge | | | |
| PO 1 | 2.17 | 2.17 | It was observed that students could get a better understanding of stereochemistry through three dimensional structures of the molecules. |
| Action Taken: It is essential that students should have core and basic knowledge associated with the profession of pharmacy. The chemical being the basics of drug molecule, the inculcation the concept is necessary. A description followed by experimental demonstration of the "atomic model set" was taken up by Ms. Geeta Mishra on 17/09/2019. The lecture provided an in-depth knowledge and the importance of stereochemistry in drug development. | | | |
| PO 2 : Planning abilities | | | |
| PO 2 | 1.5 | 1.5 | It was observed that students should have effective planning abilities including management of time, and resources. Also, students should have a well-developed plan to implement for better future, including |
| Action Taken: To understand the importance of effective planning abilities for betterment of future, a lecture was delivered by Dr. Amresh Kumar on 14.10.2019. The lecture highlighted the importance of time and resource management, and organization skills. | | | |
| PO 3 : Problem Analysis | | | |
| PO 3 | 1.4 | 1.4 | To find, analyze, evaluate and apply information systematically. |
| Action Taken: Action 1: Students are made to solve problems e.g. to remove defects in tablets, Stability issues in various formulations | | | |
| PO 4 : Modern tool usage | | | |
| PO 4 | 1.5 | 1.5 | Students should be familiar about pharmacy related modern computing and experimental tools. |
| Action Taken: Action 1: Softwares and computing tools such as CADD are provided to learn the latest techniques. | | | |
| PO 5 : Leadership skills | | | |
| PO 5 | 0.95 | 0.95 | It was felt that students should have active participation, become responsible citizens and should play leadership role in well-being of the society. |
| Action Taken: Action 1: The students are given exposure to the real time environment in industries/hospitals where they learn team building, professional practice and societal responsibilities. Action 2: Blood donation camp and medical camp are organized in the institute where students are made to take charge of whole conduct of the event. | | | |
| PO 6 : Professional identity | | | |
| PO 6 | 1.45 | 1.45 | To make students aware of professional role in society. |
| Action Taken: Action 1: Different lectures by experts from academia and industry are organized to make students aware of professional role in society | | | |
| PO 7 : Pharmaceutical Ethics | | | |
| PO 7 | 1.68 | 1.68 | Maintain high standards of professional ethics in discharging professional obligations. |

Action Taken:

Action 1: Though the ethical consideration is being inbuilt in all the courses of B.Pharm program, it is specially dealt with in course code BPHM 602 (Pharmaceutical Jurisprudence).

PO 8 : Communication

| | | | |
|------|------|------|---|
| PO 8 | 1.03 | 1.03 | It was observed that students should know how to write an effective report and make effective presentation. |
|------|------|------|---|

Action Taken:

Action 1: Personality development classes are organized for students for the course code BP105T (Communication skills)

Action 2: Industrial training has to be taken by each student where they get chance to work with the leading industries and get a chance to explore more knowledge.

PO 9 : The pharmacist and society

| | | | |
|------|------|------|---|
| PO 9 | 1.56 | 1.56 | Health, safety and legal issues in Pharmacy profession. |
|------|------|------|---|

Action Taken:

Action 1: Implementation of self learning group activity to build confidence and technical skills by conducting Blood donation and Medical camp.

Action 2: Visit to villages for Social Awareness Campaign against Stubble Burning

PO 10 : Environment and Sustainability

| | | | |
|-------|------|------|---|
| PO 10 | 1.44 | 1.44 | Modern lifestyle has disturbed the normal way of routine of all human beings that leads to stress and development of many diseases in human. Hence the role of Ayurveda plays a prominent role to balance the daily |
|-------|------|------|---|

Action Taken: A lecture on ways of living and role of Ayurveda was delivered by Dr. Shradha Sinha on 10.02.2023. The lecture discussed on how Ayurveda helps to improve the lifestyle of human being along with the benefits given in an eco-friendly way.

PO 11 : Life-long Learning

| | | | |
|-------|------|------|--|
| PO 11 | 1.97 | 1.97 | Life-long learning in the context of technological change. |
|-------|------|------|--|

Action Taken:

Action 1: Seminars, guest lectures and related activities are being regularly organized in college to keep students updated regarding the latest advancement in the field of pharmaceutical sciences.

Action 2: Industrial trips are arranged for final year students where they are given exposure to different sections of industry where they shall be working after placement.

8 STUDENT SUPPORT SYSTEMS (50)**Total Marks 50.00****8.1 Mentoring system to help at individual levels (5)****Total Marks 5.00**

- Mentoring is a process that involves communication and is a learning and development partnership between the teacher and the student. At BBDNIIT, Faculty of Pharmacy the mentor- mentee relationship is very cordial that ultimately prepares the students to develop personally and professionally to face the challenging world outside. At BBDNIIT class teachers have been appointed for all four B. Pharm classes. The mentoring team consists of 29 teachers. Each faculty member is assigned a fixed number of students, right at the time of their joining of the program i.e. approximately 15-22 students per mentor.
- The faculty conducts six monthly meeting with students or as per the need, in order to evaluate their academic performance and provide proper orientation towards the program. The mentors guide them to rectify their short comings and solve their problems. Issues discussed with the students include attitude, behavior, skill development, attendance, study patterns, extra and co- curricular participation, communication skills, ragging, hostel and related food issues, psychological support and other related issues.
- Following information are collected from students: Students Personal Information, Previous Record/Result, Academic Performance, Competitive Examination Details, Details of Internship and Industrial Trainings, Scholarships Received, Co-Curricular and Extra-Curricular activities, Career counseling, Health issue.
- Soon after the first-year admission, each year an orientation program is held for the students to provide an overview of the course and its structure, scope of course, attendance, career guidance, the exam pattern, feedback mechanism, the importance of participation in extra co-curricular events and co-relating it with the program outcomes of the course. The class coordinator also plays a crucial role in the overall development with respect to attitude, skill and behavior of the student.
- Parents-Teacher Meeting is held once in each study year to brief the progress of their wards to their parents by the class teachers. This process has improved students' academic performance, attendance and participation in co-curricular and extra-curricular activities.
- The entire system for the student activities functioning is supported by- Anti-ragging Committee, Student Redressal and Internal Complaints Committee.



Student Counselling



Orientation Lecture B. Pharm



Anti Ragging Committee



Anti-Ragging Squad

List of Assigned Faculty Members for Students Counselling:

Academic Year 2022-23: -

F.Y.B. Pharm

| Sr. No. | Roll No. | Total Students | Staff Member Assigned |
|---------|----------|----------------|-------------------------|
| 1 | 1 to 20 | 20 | Dr. Priyanka Maurya |
| 2 | 21 to 40 | 20 | Mr. Vishwambhar Mishra |
| 3 | 41 to 60 | 20 | Ms. Geeta Mishra |
| 4 | 61 to 80 | 20 | Ms. Samiksha Srivastava |
| 5 | 81 to 96 | 16 | Mr. Vimlesh Kumar |

S.Y.B. Pharm

| Sr. No. | Roll No | Total Students | Staff Member Assigned |
|---------|-----------|----------------|-------------------------|
| 1 | 1 to 20 | 20 | Ms. Neelam Datt |
| 2 | 21 to 40 | 20 | Dr. Gul Naz Fatima |
| 3 | 41 to 60 | 20 | Ms. Anushree Prakash |
| 4 | 61 to 82 | 22 | Ms. Samiksha Srivastava |
| 5 | 83 to 104 | 22 | Ms. Deepti Tripathi |

| Sr. No. | Roll No. | Total Students | Staff Member Assigned |
|---------|----------|----------------|-----------------------|
| 1 | 1 to 20 | 20 | Dr. Vishakha Jaiswal |
| 2 | 21 to 40 | 20 | Ms. Neelam Mishra |
| 3 | 41 to 60 | 20 | Dr. Shekhar Singh |
| 4 | 61 to 80 | 20 | Ms. Pallavi Tripathi |
| 5 | 81 to 94 | 14 | Ms. Afreen Hashmi |

T.Y.B. Pharm**Final Year B.Pharm.**

| Sr. No. | Roll No. | Total Students | Staff Member Assigned |
|---------|----------|----------------|-----------------------|
| 1 | 1 to 20 | 20 | Dr. Vishakha Jaiswal |
| 2 | 21 to 40 | 20 | Ms. Neelam Mishra |
| 3 | 41 to 60 | 20 | Dr. Shekhar Singh |
| 4 | 61 to 80 | 20 | Ms. Pallavi Tripathi |
| 5 | 81 to 94 | 14 | Ms. Afreen Hashm |

| Sr. No. | Roll No. | Total Students | Staff Member Assigned |
|---------|----------|----------------|------------------------|
| 1 | 1 to 20 | 20 | Dr. Sanjiv K. Chaudhri |
| 2 | 21 to 40 | 20 | Dr. Shekhar Singh |
| 3 | 41 to 60 | 20 | Dr. Vishakha Jaiswal |
| 4 | 61 to 82 | 20 | Mr. Vishwambhar Mishra |

F.Y. B. Pharm

| Sr. No. | Roll No | Total Students | Staff Member Assigned |
|---------|-----------|----------------|------------------------|
| 1 | 1 to 20 | 20 | Dr. Priyanka Maurya |
| 2 | 21 to 40 | 20 | Mr. Vishwambhar Mishra |
| 3 | 41 to 60 | 20 | Dr. Shraddha Bisht |
| 4 | 61 to 80 | 22 | Ms. Geeta Mishra |
| 5 | 81 to 107 | 17 | Ms. Srishty Srivastava |

S.Y. B.Pharm

| Sr. No. | Roll No. | Total Students | Staff Member Assigned |
|---------|----------|----------------|-----------------------|
| 1 | 1 to 20 | 20 | Ms. Neelam Datt |
| 2 | 21 to 40 | 20 | Dr. Gul Naz Fatima |
| 3 | 41 to 60 | 20 | Ms. Deepti Tripathi |

| | | | |
|---|----------|----|----------------------|
| 4 | 61 to 82 | 22 | Ms. Neelam Mishra |
| 5 | 83 to 99 | 17 | Ms. Anushree Prakash |

T.Y.B. Pharm

| Sr. No. | Roll No. | Total Students | Staff Member Assigned |
|---------|----------|----------------|-----------------------|
| 1 | 1 to 20 | 20 | Dr. Shekhar Singh |
| 2 | 21 to 40 | 20 | Ms. Pallavi Tripathi |
| 3 | 41 to 60 | 20 | Dr. Ila Dixit |
| 4 | 61 to 80 | 20 | Ms. Afreen Hashmi |
| 5 | 81 to 92 | 12 | Dr. Vishakha Jaiswal |

Final Year B.Pharm

| Sr. No. | Roll No. | Total Students | Staff Member Assigned |
|---------|----------|----------------|------------------------|
| 1 | 1 to 20 | 20 | Dr. Sanjiv K. Chaudhri |
| 2 | 21 to 40 | 20 | Dr. Shekhar Singh |
| 3 | 41 to 60 | 20 | Dr. Prafulla C. Tiwari |
| 4 | 61 to 82 | 22 | Mr. Vishwambhar Mishra |

Academic Year 2020-21**F.Y.B. Pharm**

| Sr. No. | Roll No. | Total Students | Staff Member Assigned |
|---------|----------|----------------|------------------------|
| 1 | 1 to 20 | 20 | Ms. Shipra Tripathi |
| 2 | 21 to 40 | 20 | Mr. Vishwambhar Mishra |
| 3 | 41 to 60 | 20 | Ms. Sneha Singh |
| 4 | 61 to 80 | 20 | Ms. Neelam Mishra |
| 5 | 81 to 99 | 19 | Ms. Geeta Mishra |

S.Y.B. Pharm

| Sr. No. | Roll No. | Total Students | Staff Member Assigned |
|---------|----------|----------------|------------------------|
| 1 | 1 to 20 | 20 | Ms. Deepa Gupta |
| 2 | 21 to 40 | 20 | Dr. Gul Naz Fatima |
| 3 | 41 to 60 | 20 | Ms. Anushree Prakash |
| 4 | 61 to 82 | 22 | Ms. Deepti Tripathi |
| 5 | 83 to 93 | 11 | Mr. Vishwambhar Mishra |

T.Y.B. Pharm

| Sr. No. | Roll No. | Total Students | Staff Member Assigned |
|---------|----------|----------------|-----------------------|
| 1 | 1 to 20 | 20 | Ms. Richa Mudgal |
| 2 | 21 to 40 | 20 | Ms. Akanksha Awasthi |
| 3 | 41 to 60 | 20 | Dr. Shekhar Singh |
| 4 | 61 to 82 | 22 | Ms. Pallavi Tripathi |

Final Year B. Pharm

| Sr. No. | Roll No. | Total Students | Staff Member Assigned |
|---------|----------|----------------|-------------------------|
| 1 | 1 to 20 | 20 | Dr. Sanjiv K. Chaudhri |
| 2 | 21 to 40 | 20 | Ms. Manika Kulshreshtha |
| 3 | 41 to 60 | 20 | Ms. Swati Verma |
| 4 | 61 to 75 | 15 | Dr. Shekhar Singh |

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

Total Marks 10.00

Feedback about the teaching staff and facilities provided are collected at the end of each semester for all courses. The feedback is collected from students of every semester of all courses. All students participate.

Mechanism and its implementation

Feedback about all the facilities provided by the college is collected once every semester. The feedback is kept anonymous and the concerned department, committee or individuals are counselled, and steps are taken to implement changes. A periodic review is conducted by the Director to check the changes made and if they are continued. Repeat feedback is taken verbally from a representative audience directly by the Director wherein the students can voice their view in a confidential environment. Feedback collected from the students is analysed.

- Students provide feedback on teachers. Questionnaire system adopted is based on: -
 - Begins and ends our class on time.
 - Is well-prepared for class.
 - Is organized and teaches clearly.
 - Checks during class to see if students understand the material.
 - Encourages students to ask questions and participate.
 - Answer questions clearly.
 - Knows the subject matter of this course.
 - Shows interest in the material that we are studying.
 - Encourages me to think and explore new ideas.
 - Tells the class at each meeting what we are going to do and what we are expected to learn.
 - Responds to my work so I know how I'm doing and what I need to work on.
 - Responds to me when I need help outside of class.
 - Follows the grading guidelines in our course syllabus and explains my grade if I ask.
 - Helps me meet the goals and learning objectives/outcomes of the course.
- Students give their feedback by using following five parameter scale as:

Always-5, Often-4, Sometimes-3, Rarely-2, Never-1.

The scale points are averaged and converted into percentage. The metric values are given in the table below.

CAYm1 (2022-23):-

First Year B. Pharm (Sem. I)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|------------------------------|-----------------------------|------------|
| 1) | Pharmaceutics-I | Prof. (Dr.) Priyanka Maurya | 93.4 |
| 2) | Pharm. Inorganic Chemistry | Mr. Vimlesh Kumar Chaudhary | 82.2 |
| | | Ms. Geeta Mishra | 85.8 |
| 4) | Human Anatomy and Physiology | Mr. Vishwambhar Mishra | 86.8 |
| 5) | Communication Skill | Dr. Ajay Bajpai | 80.2 |
| 6) | Remedial Mathematics | Mr. Devki Nandan | 84.8 |
| 7) | Remedial Biology | Ms. Afreen Hashmi | 84.82 |

First year B. Pharm (Sem II)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|------------------------------------|--------------------------------|------------|
| 1) | Human Anatomy and Physiology II | Ms. Shristy Srivastava | 85.8 |
| 2) | Pharmaceutical Organic Chemistry I | Prof. (Dr) Shailendra K. Saraf | 95.7 |
| 3) | Biochemistry | Dr. Gul Naz Fatima | 91.5 |
| 4) | Pathophysiology | Ms. Afreen Hashmi | 86.8 |
| 5) | Computer Applications in Pharmacy | Dr. Waseem Ahmad | 84.3 |
| 6) | Environmental Sciences | Ms. Prachi Mishra | 82.4 |

Second Year B. Pharm (Sem III)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|--|---------------------|------------|
| 1) | Physical Pharmaceutics-I | Ms. Anushree | 86 |
| 2) | Pharm. Microbiology | Ms. Neelam Datt | 86.4 |
| 3) | Pharm. Engineering | Ms. Deepti Tripathi | 85.8 |
| 4) | Organic Chemistry-II | Dr. Gul Naz Fatima | 90.1 |
| 5) | Universal Human Values and Professional Ethics | Ms. Rajni Dwivedi | 82.4 |

Third Year B. Pharm (Sem. IV)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|--------------------------------------|------------------|------------|
| 1) | Pharmaceutical Organic Chemistry III | Ms. Geeta Mishra | 86.7 |

| | | | |
|----|---------------------------|------------------------|-----------|
| 2) | Medicinal Chemistry I | Mr. Vimlesh Kr | 84.4 |
| 3) | Physical Pharmaceutics II | Ms. Deepti Tripathi | 91 |
| 4) | Pharmacology I | Mr. Vishwambhar Mishra | 86.5 |
| 5) | Pharmacognosy I | Ms. Pallavi Tripathi | 83.8 |

Third Year B. Pharm (Sem.V)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|------------------------------------|-------------------------|-------------|
| 1) | Industrial Pharmacy I | Dr. Shekhar Singh | 89.6 |
| 2) | Medicinal Chemistry II | Ms. Neelam Mishra | 88.2 |
| 3) | Pharmacology II | Ms. Shrishty Srivastava | 87.4 |
| | | Ms. Prachi Mishra | 84.8 |
| 4) | Pharmacognosy and PhytochemistryII | Ms. Pallavi Tripathi | 89 |
| 5) | Pharmaceutical Jurisprudence | Ms. Afreen Hashmi | 88.4 |

Third Year B. Pharm (Sem.VI)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|---------------------------------------|----------------------|------------|
| 1) | Medicinal Chemistry III | Ms. Neelam Mishra | 84 |
| 2) | Pharmacology III | Ms. Prachi Mishra | 86 |
| 3) | Herbal Drug Technology | Ms. Itee Pandey | 90 |
| 4) | Biopharmaceutics and Pharmacokinetics | Dr. Vishakha Jaiswal | 85.4 |
| 5) | Pharmaceutical Biotechnology | Ms. Neelam Datt | 82 |
| 6) | Quality Assurance | Ms. Nida | 84.5 |

Final Year B. Pharm (Sem.VII)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|----------------------------------|--------------------------------|------------|
| 1) | Instrumental Methods of Analysis | Ms. Samiksha Srivastava | 84.3 |
| 2) | Industrial Pharmacy II | Dr. Vishakha Jaiswal | 87.2 |
| 3) | Pharmacy practice | Prof. (Dr.) Sanjiv K. Chaudhri | 89.4 |
| 4) | Novel drug Delivery System | Prof. (Dr.) Priyanka Maurya | 92 |
| | | Ms. Nida | 84 |

Final Year B. Pharm (Sem VIII)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|--|-------------------------|------------|
| 1) | Biostatistics and Research Methodology | Dr. Priyanka Maurya | 85 |
| | | Mr. Devki Nandan Tiwari | 86 |
| 2) | Social and Preventive Pharmacy | Ms. Afreen Hashmi | 82 |
| 3) | Pharmaceutical Product development | Dr Shekhar | 88 |
| | | Ms. Kartika Pidaparathi | 87 |
| 4) | Pharmaceutical Marketing Management | Mr. Vishwambhar Mishra | 89 |

CAYm1 (2021-22):-

First year B. Pharm (Sem I)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|------------------------------|-----------------------------|------------|
| 1) | Pharmaceutics-I | Prof. (Dr.) Priyanka Maurya | 90 |
| 2) | Pharm. Inorganic Chemistry | Mr. Geeta Mishra | 80.2 |
| 3) | Pharm. Analysis-I | Ms. Samiksha Srivastava | 90.5 |
| 4) | Human Anatomy and Physiology | Mr. Vishwambhar Mishra | 90.8 |
| 5) | Communication Skill | Dr. Ajay Bajpai | 75.2 |
| 6) | Remedial Mathematics | Mr. Devki Nandan | 74.2 |
| 7) | Remedial Biology | Dr. Prafull Chandra Tiwari | 85.93 |

First year B. Pharm (Sem II)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|------------------------------------|------------------------|-------------|
| 1) | Human Anatomy and Physiology II | Dr. Shradha Bisht | 85.8 |
| 2) | Pharmaceutical Organic Chemistry I | Ms. Geeta Mishra | 83.7 |
| 3) | Biochemistry | Dr. Gul Naz Fatima | 91.5 |
| 4) | Pathophysiology | Ms. Shristy Srivastava | 86.8 |
| 5) | Computer Applications in Pharmacy | Dr. Waseem Ahmad | 84.3 |
| 6) | Environmental Sciences | Dr. Shradha Sinha | 82.4 |

Second year B. Pharm (Sem III)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|--|----------------------|-------------|
| 1) | Physical Pharmaceutics-I | Ms. Anushree Prakash | 89 |
| 2) | Pharm. Microbiology | Dr. Ila Dixit | 87.4 |
| 3) | Pharm. Engineering | Ms. Deepti Tripathi | 88.2 |
| 4) | Organic Chemistry-II | Dr. Gul Naz Fatima | 94.5 |
| 5) | Universal Human Values and Professional Ethics | Ms. Rajni Dwivedi | 85.4 |

Second year B. Pharm (Sem. IV)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|--------------------------------------|-------------------------|-------------|
| 1) | Pharmaceutical Organic Chemistry III | Ms. Neelam Mishra | 86.8 |
| 2) | Medicinal Chemistry I | Ms. Samiksha Srivastava | 82.3 |
| 3) | Physical Pharmaceutics II | Ms. Anushri Prakash | 85.8 |
| 4) | Pharmacology I | Mr. Vishwambhar Mishra | 87.9 |
| 5) | Pharmacognosy I | Ms. Pallavi Tripathi | 89.7 |

Third Year B. Pharm (Sem V)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|------------------------------------|-----------------------|------------|
| 1) | Industrial Pharmacy I | Dr. Shekhar Singh | 91 |
| 2) | Medicinal Chemistry II | Ms. Neelam Mishra | 87 |
| 3) | Pharmacology II | Dr. Shradha Bisht | 88 |
| 4) | Pharmacognosy and PhytochemistryII | Ms. Pallavi Tripathi | 90 |
| 5) | Pharmaceutical Jurisprudence | Ms. Saumya Srivastava | 89 |

Third Year B. Pharm (Sem VI)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|---------------------------------------|--------------------------------|-------------|
| 1) | Medicinal Chemistry III | Ms. Neelam Mishra | 84.3 |
| 2) | Pharmacology III | Ms. Itishree Dubey | 81.1 |
| 3) | Herbal Drug Technology | Ms. Pallavi Tripathi | 84.9 |
| 4) | Biopharmaceutics and Pharmacokinetics | Prof. (Dr.) Sanjiv K. Chaudhri | 90.4 |
| 5) | Pharmaceutical Biotechnology | Ms. Neelam Datt | 89 |
| 6) | Quality Assurance | Ms. Deepti Tripathi | 87.9 |

Final Year B. Pharm (Sem VII)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|----------------------------------|------------------------------|------------|
| 1) | Instrumental Methods of Analysis | Samiksha Srivastava | 81.6 |
| 2) | Industrial Pharmacy II | Ms. Nida | 85.3 |
| 3) | Pharmacy practice | Prof.(Dr.)Sanjiv K. Chaudhri | 89.8 |
| 4) | Novel drug Delivery System | Ms. Neelam Datt | 88.5 |

Final Year B. Pharm (Sem VIII)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|--|-----------------------------|-------------|
| 1) | Biostatistics and Research Methodology | Dr. Shekhar Singh | 87.2 |
| | | Mr. Devki Nandan Tiwari | 88.9 |
| 2) | Social and Preventive Pharmacy | Dr. Prafulla Chandra Tiwari | 82.6 |
| 3) | Pharmaceutical Product development | Prof. (Dr.) Priyanka Maurya | 88 |
| | | Dr. Vishakha Jaiswal | 86.7 |
| 4) | Pharmaceutical Regulatory science | Dr. Shradha Bisht | 88.6 |
| | | Mr. Vishwambhar Mishra | 86.5 |

CAYm1 (2020-21):-

First year B. Pharm (1st year Sem I)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|--------------------------------|-------------------------|-------------|
| 1) | Pharmaceutics-I | Ms. Shipra Tripathi | 82.5 |
| 2) | Pharm. Inorganic Chemistry | Ms. Manika | 85.2 |
| 3) | Pharm. Analysis-I | Ms. Samiksha Srivastava | 84.5 |
| 4) | Human Anatomy and Physiology-I | Mr. Vishwambhar Mishra | 89.8 |
| 5) | Communication Skill | Dr. Ajai Bajpai | 81.2 |
| 6) | Remedial Mathematics | Mr. Devki Nandan Tiwari | 80.2 |
| 7) | Remedial Biology | Ms. Itee Dubay | 83.93 |

First year B. Pharm (Sem II)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|------------------------------------|------------------------|-------------|
| 1) | Human Anatomy and Physiology II | Dr. Shradha Bisht | 87.8 |
| 2) | Pharmaceutical Organic Chemistry I | Ms. Geeta Mishra | 82.2 |
| 3) | Biochemistry | Dr. Gulnaz Fatima | 90.5 |
| 4) | Pathophysiology | Ms. Shristy Srivastava | 85.8 |
| 5) | Computer Applications in Pharmacy | Dr. Waseem Ahmad | 86.2 |
| 6) | Environmental Sciences | Dr. Shradha Sinha | 84.2 |

Second year B.Pharm (Sem.III)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|--|----------------------|-------------|
| 1) | Physical Pharmaceutics-I | Ms. Anushree Prakash | 88 |
| 2) | Pharm. Microbiology | Ms. Neelam Datt | 82.7 |
| 3) | Pharm. Engineering | Ms. Deepti Tripathi | 88.6 |
| 4) | Organic Chemistry-II | Dr. Gul Naz Fatima | 89.5 |
| 5) | Universal Human Values and Professional Ethics | Ms. Rajni Dwivedi | 84.6 |

Second year B. Pharm (Sem.IV)

| Sr.No. | Subject | Subject I/C | Percentage |
|--------|--------------------------------------|------------------------|------------|
| 1) | Pharmaceutical Organic Chemistry III | Ms. Neelam Mishra | 86.7 |
| 2) | Medicinal Chemistry I | Ms. Richa Mudgal | 84.4 |
| 3) | Physical Pharmaceutics II | Ms. Neelam Datt | 95 |
| 4) | Pharmacology I | Mr. Vishwambhar Mishra | 86.5 |
| 5) | Pharmacognosy I | Ms. Pallavi Tripathi | 83.8 |

Third Year B.Pharm (Sem.V)

| Sr.No. | Subject | Subject I/C | Percentage |
|--------|-----------------------|-------------------|-------------|
| 1) | Industrial Pharmacy I | Dr. Shekhar Singh | 89.3 |

| | | | |
|----|------------------------------------|----------------------|------|
| 2) | Medicinal Chemistry II | Ms. Neelam Mishra | 87 |
| 3) | Pharmacology II | Dr. Shradha Bisht | 90.1 |
| 4) | Pharmacognosy and PhytochemistryII | Ms. Pallavi Tripathi | 87.5 |
| 5) | Pharmaceutical Jurisprudence | Ms. Nishi Shukla | 86 |

Third Year B.Pharm (Sem.VI)

| Sr.No. | Subject | Subject I/C | Percentage |
|--------|---------------------------------------|-------------------------|------------|
| 1) | Medicinal Chemistry III | Ms. Manika Kulshrestha | 84 |
| 2) | Pharmacology III | Ms. Itishree Dubey | 86 |
| 3) | Herbal Drug Technology | Ms. Pallavi Tripathi | 90 |
| | | Ms. Kshama Srivastava | 88.1 |
| 4) | Biopharmaceutics and Pharmacokinetics | Ms. Kartika Pidaparathi | 85.4 |
| 5) | Pharmaceutical Biotechnology | Ms. Anushri Prakash | 82 |
| 6) | Quality Assurance | Ms. Deepti Tripathi | 84.5 |

Final Year B.Pharm (Sem.VII)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|----------------------------------|--------------------------------|------------|
| 1) | Instrumental Methods of Analysis | Ms. Jyoti Singh | 85 |
| 2) | Industrial Pharmacy II | Ms Kartika | 87 |
| 3) | Pharmacy practice | Prof. (Dr.) Sanjiv K. Chaudhri | 90 |
| 4) | Novel drug Delivery System | Ms Neelam Datt | 89 |

Final Year B. Pharm (Sem.VIII)

| Sr. No. | Subject | Subject I/C | Percentage |
|---------|--|---------------------------|------------|
| 1) | Biostatistics and Research Methodology | Dr. Shekhar Singh | 85 |
| | | Mr. Devki Nandan Tiwari | 86 |
| 2) | Social and Preventive Pharmacy | Ms. Vaishali Khare | 82 |
| 3) | Pharmaceutical Product development | Prof.(Dr.)Priyanka Maurya | 88 |
| | | Ms. Kartika Pidaparathi | 87 |
| 4) | Pharmaceutical Regulatory science | Dr. Shradha Bisht | 89 |
| | | Mr. Vishwambhar Mishra | 87.42 |

REMEDIAL MEASURES TAKEN AND SUGGESTIONS AFTER INSTITUTIONAL SURVEY FEEDBACK

- Senior faculties are assigned for the subjects in which student feedback is not respectable.
- Before preparing for their lessons, teachers should identify students diverse learning needs as soon as possible.
- At the course of teaching, teachers are advised to sum up the main points at the end.
- Teachers should also carefully observe the performances of students and give them appropriate assistance, feedback and encouragement so as to help them acquire the learning skills, thus enhancing self-confidence.
- Continuing education programs are conducted for the faculty e-content development advanced learner programs.

8.3 Feedback on facilities (5)

Total Marks 5.00

Students also give feedback on facilities provided by college and questionnaire system mention the details as follows:-

1) Library Department-

- a) Opinion about the library material for the course
- b) Extent to which the material for prescribed readings are made available.
- c) Library staff co-operation and helpfulness.
- d) Library (Book section for competitive examination- GRE/TOFFEL/GPAT/CAT etc.)
- e) Reading room
- f) Books issue section
- g) Reference section
- h) Bibliography
- i) Journal Section
- j) E- journal Section
- k) Thesis section
- l) Reading space in the library.

2) Computer Department-

- a) Availability of internet access in computer lab
 - b) Sufficient computers available in lab
 - c) Co-operation and helpfulness by computer class staff
- 3) Administrative- Facilities related to office work such as admission, scholarships, etc.
- 4) Classroom- Cleanliness, adequate seating capacity, etc.
- 5) Washroom- Cleanliness.
- 6) Drinking Water facility
- 7) Canteen facility
- 8) Placement Cell facility
- 9) Laboratory Equipments handling and their working status.

Other Amenities

- 10) Auditorium
- 11) Stadium
- 12) Badminton court
- 13) Volleyball court
- 14) Long tennis court
- 15) Table tennis court
- 16) Girls and Boys hostel facilities with AC. Rooms
- 17) Cafeteria
- 18) Gym with experienced couch
- 19) Guest House facilities
- 20) Transportation facilities
- 21) Bank and ATM
- 22) Ganesh Temple
- 23) Lift
- 24) Fire alarm
- 25) 24 Hr security
- 26) 24 Hr power supply
- 27) CCTV surveillance
- 28) Medical and Dental O.P.D. for Girls and Boys
- 29) Physical disable ramp and washroom
- 30) First Aid Box at center
- 31) Suggestion box
- 32) Fire extinguisher
- 33) Wi-Fi facilities floor wise
- 34) RO drinking water

- 35) Anti-Ragging cell
- 36) Placement cell
- 37) Incubation cell
- 38) Entrepreneur cell
- 39) Conference Hall
- 40) Boys and Girls common Room
- 41) Student activity room
- 42) Medical Facility



Ganesha Temple



Stadium National Level Sports



Auditorium



BBD Radio FM



Transportation Facility



Ambulance Services



BBD Mall



Canteen

**Bank****OPD****BBD Girls Hostel****BBD Boys Hostel****Student GYM****Tennis Court****Volleyball Court****Security Office****CAY (2022-23) -Term I (Sem. I+ III+ V+ VII)**

| Sr. No | Dept | F.Y. (I) | S.Y (III) | T.Y. (V) | Final (VII) | Avg. |
|--------|-----------------------|-------------|--------------|-------------|----------------|------|
| 1) | Library | 98 | 97 | 99 | 100 | 99 |
| 2) | Computer | 94 | 90 | 98 | 96 | 95 |
| 3) | Classroom | 92 | 96 | 88 | 98 | 94 |
| 4) | Washroom | 90 | 88 | 90 | 92 | 90 |
| 5) | Office-Administrative | 90 | 92 | 94 | 88 | 91 |
| 6) | Placement | -- | -- | -- | 72 | 72 |
| 7) | Canteen | 98 | 94 | 90 | 92 | 94 |
| 8) | Equipment | 98 | 99 | 99 | 99 | 99 |
| 9) | Drinking Water | 99 | 98 | 99 | 99 | 99 |

CAY (2022-23) - Term II (Sem. II+ IV+ VI+ VIII)

| Sr. No | Dept | F.Y. (I) | S.Y (III) | T.Y. (V) | Final (VII) | Avg. |
|--------|---------|-------------|--------------|-------------|----------------|------|
| 1) | Library | 98 | 97 | 98 | 100 | 98 |

| | | | | | | |
|----|-----------------------|----|----|----|----|----|
| 2) | Computer | 94 | 90 | 98 | 96 | 95 |
| 3) | Classroom | 92 | 96 | 88 | 98 | 94 |
| 4) | Washroom | 90 | 88 | 92 | 94 | 92 |
| 5) | Office-Administrative | 91 | 92 | 94 | 88 | 91 |
| 6) | Placement | -- | -- | -- | 75 | 75 |
| 7) | Canteen | 95 | 94 | 90 | 92 | 93 |
| 8) | Equipment | 98 | 99 | 99 | 99 | 99 |
| 9) | Drinking Water | 99 | 98 | 99 | 99 | 99 |

CAYm1(2021-22) -Term I (Sem. I+ III+ V+ VII)

| Sr. No | Dept | F.Y. (I) | S.Y (III) | T.Y. (V) | Final (VII) | Avg. |
|--------|-----------------------|-------------|--------------|-------------|----------------|------|
| 1) | Library | 99 | 98 | 99 | 99 | 99 |
| 2) | Computer | 97 | 97 | 98 | 98 | 98 |
| 3) | Classroom | 97 | 97 | 98 | 98 | 98 |
| 4) | Washroom | 95 | 92 | 92 | 92 | 93 |
| 5) | Office-Administrative | 93 | 93 | 92 | 92 | 93 |
| 6) | Placement | -- | -- | -- | 78 | 78 |
| 7) | Canteen | 94 | 95 | 98 | 90 | 94 |
| 8) | Equipment | 99 | 99 | 99 | 99 | 99 |
| 9) | Drinking Water | 99 | 99 | 98 | 99 | 99 |

CAYm2 (2021-22)-Term II (Sem. II+ IV+ VI+ VIII)

| Sr. No | Dept | F.Y. (II) | S.Y (IV) | T.Y. (VI) | Final (VIII) | Avg. |
|--------|-----------------------|--------------|-------------|--------------|-----------------|------|
| 1) | Library | 98 | 97 | 98 | 99 | 99 |
| 2) | Computer | 97 | 98 | 97 | 98 | 97 |
| 3) | Classroom | 97 | 97 | 98 | 95 | 97 |
| 4) | Washroom | 95 | 94 | 94 | 95 | 95 |
| 5) | Office-Administrative | 96 | 96 | 95 | 95 | 96 |
| 6) | Placement | -- | -- | -- | 79 | 79 |
| 7) | Canteen | 90 | 96 | 94 | 90 | 93 |
| 8) | Equipment | 97 | 99 | 99 | 99 | 99 |
| 9) | Drinking Water | 99 | 98 | 98 | 99 | 99 |

CAYm2 (2020-21)- Term I (Sem. I+ III+ V+ VII)

| Sr. No | Dept | F.Y. (I) | S.Y (III) | T.Y. (V) | Final (VII) | Avg. |
|--------|-----------------------|-------------|--------------|-------------|----------------|------|
| 1) | Library | 98 | 99 | 98 | 99 | 99 |
| 2) | Computer | 93 | 93 | 96 | 95 | 94 |
| 3) | Classroom | 96 | 97 | 96 | 97 | 97 |
| 4) | Washroom | 91 | 97 | 96 | 92 | 94 |
| 5) | Office-Administrative | 91 | 95 | 96 | 96 | 95 |
| 6) | Placement | -- | -- | -- | 78 | 78 |
| 7) | Canteen | 93 | 95 | 96 | 98 | 96 |
| 8) | Equipment | 97 | 98 | 99 | 99 | 98 |
| 9) | Drinking Water | 97 | 99 | 99 | 99 | 99 |

CAYm2 (2020-21)-Term II (Sem. II+ IV+ VI+ VIII)

| Sr. No | Dept | F.Y. (II) | S.Y (IV) | T.Y. (VI) | Final (VIII) | Avg. |
|--------|------|--------------|-------------|--------------|-----------------|------|
|--------|------|--------------|-------------|--------------|-----------------|------|

| | | | | | | |
|----|-----------------------|----|----|----|----|----|
| 1) | Library | 98 | 98 | 99 | 99 | 99 |
| 2) | Computer | 93 | 95 | 95 | 93 | 94 |
| 3) | Classroom | 97 | 96 | 96 | 95 | 96 |
| 4) | Washroom | 92 | 95 | 96 | 96 | 95 |
| 5) | Office-Administrative | 89 | 92 | 90 | 94 | 92 |
| 6) | Placement | -- | -- | -- | 78 | 78 |
| 7) | Canteen | 92 | 98 | 96 | 94 | 95 |
| 8) | Equipment | 98 | 99 | 99 | 99 | 99 |
| 9) | Drinking Water | 96 | 97 | 97 | 98 | 98 |

Corrective Actions Taken:

- 1) Computer Dept: - New purchase of computers, availability of internet access done, self-learning e- tools. The department also assists students in handling of DBT issues and AKTU online exam forms.
- 2) Canteen Facility: - Recruitment of new Caterer for improving canteen facility.
- 3) Implementation of system and overall administration work related to account section and scholarship is assisted by Campus 360 Software for the students and staff.

Feedback is also taken from Alumni, Parents, Industry, Examiners and Delegates Visitors to identify the weakness in facilities or in teaching learning skills and other parameters.

Alumni fill the feedback analysis whenever they get opportunity to visit the department or during Alumni meet. Parents give their feedback during the parent's teacher's interaction; representatives from industry give feedback about students during campus placements. Examiners feedback is taken after every practical exam at the end of each semester. Delegates from seminars also provide feedback on facilities etc.

Feedback Analysis of Parent Teacher Meet for academic year 2022-23.

| S. No. | Particulars | Outcome (%) |
|--------|---|-------------|
| 1 | Building leadership qualities | 98.3 |
| 2 | Personality Development in multi-disciplinary environment | 98.3 |
| 3 | Professional Development | 96.6 |

Corrective Actions Taken:

- 1) Shift of focus from theory to Industry/Hospital Visits
- 2) Theoretical and Practical Knowledge being supplemented by senior faculty from the respective fields.

**Practical Implementation of Theory during Industrial Visit****8.4 Self Learning (5)**

Total Marks 5.00

Our library provides the following activities for self-learning: -

- National Digital Library (NDL) provides more than 667 e-Content material for self-learning.
- Free online Pharmacy Journals-398
- Reference books – About 1547 books are available for reference.
- Open-access journals and URLs are made available for research purposes.
- DELNET and INVENTI facility is provided to students to search reputed national and international research articles online.
- Download, printouts and Xerox facility is available in the computer and library department.
- Library department has the latest configuration PCs with printer and attached with Xerox facility.
- Our library is having hard-bound journals of national and international repute. The back volumes are available.
- Soft copies of faculty research articles are maintained in the library and made available to students for reference.
- In the computer department students are allowed to prepare their power-point presentations and poster presentation.
- Our conference room is exclusively established with ultra curve HD LED TV for audiovisual aids for oral presentations.
- Our computer faculty member helps students in maintaining the soft copies of downloaded research articles and other materials.
- Students have free internet usage as our campus has a Wi-Fi system.

**LCD-based classroom (Smart Classroom)**

All the above facilities, provide a useful tool in innovative teaching-learning practices by our faculty members but also generates scientific attitude, and innovativeness and inculcate the self-learning ability of students.

The E-Content of the syllabus developed by teachers is at the institute level. A Google link has been developed wherein at present all the students of pharmacy can have access to it.

Teachers have prepared e-content PPT presentations on the prescribed syllabus. The e-content is shared in a folder accessible to students. The institution is utilizing Google Classroom as LMS with

| Sr. No. | Content | Number |
|---------|--|---|
| 1 | E-Journal – DELNET and INVENTI | 398 e-journals |
| 2 | E-Books | 205 |
| 3 | Project CD's | 64 |
| 4 | Project | The projects were conducted as per the course curriculum. |
| 5 | NDL Library | All students |
| 6 | E-Mail Service (on demand) | All students |
| 7 | Assist Library Users in searching the information on the internet. | All students |
| 8 | AKTU's Nalanda E-Consortium services | Available for students and many e-resources are available for students. |
| 9 | Institute Repository | Assignments, PPTs, E-books, free E-Journals, CDs, question papers, and all teachers e-material. |



Appreciation Certificate by AKTU to the Faculties for e-content development during COVID-19 pandemic.



Library Facility



Computer Lab

Faculty of Pharmacy, BBDNIIT, invites alumni and experts from the industry to share their knowledge and motivate and update the students regarding recent advances and future scenarios in the Pharma sector.

For advanced learners, the college conducts regular (weekly basis) test series for preparation for GPAT, the competitive examination for admission for M. Pharm. Also, for their guidance guest lecturers regarding GPAT and TOFEL are arranged.

Remedial Coaching for slow learners: The subject in charge is able to identify weak students during interaction in the class, laboratories as well as performance in the Sessional examination. The personal remedial coaching for the respective subject is provided by the subject teacher as well as mentors are regularly in touch with mentees and guide for specific coaching if required by the student.

Laboratory curriculum is supported by experiments beyond the syllabus thus supplementing the syllabus with additional skills.

Students are generally encouraged to attend seminars/ workshops conducted in /outside college.

E-Content Prepared by Teachers

POC-I (Theory), BP202 T

Unit-I

Topics:

1. Classification & nomenclature part-1

https://drive.google.com/open?id=1XSIsDNG-m8KdHHqv_fElIj44z6UD2q94 (https://drive.google.com/open?id=1XSIsDNG-m8KdHHqv_fElIj44z6UD2q94)

2. Classification & nomenclature part-2

https://drive.google.com/open?id=1QM_986WEI9haskAY0w9zMC7ohcPLWk33 (https://drive.google.com/open?id=1QM_986WEI9haskAY0w9zMC7ohcPLWk33)

3. Structural isomerism in organic compounds

<https://drive.google.com/open?id=1K8fAx60umWKca6l98L20z3GPI2yEoVGI> (<https://drive.google.com/open?id=1K8fAx60umWKca6l98L20z3GPI2yEoVGI>)

Unit- III

Topics:

1. Alcohols part-1

https://drive.google.com/open?id=1-G71hoHkuQeNSZc4aU5_gDCV-N3LI0_M (https://drive.google.com/open?id=1-G71hoHkuQeNSZc4aU5_gDCV-N3LI0_M)

2. Alcohols part-2

https://drive.google.com/open?id=1ppFHf51rF4nQH_XuoLy26btfXQzXL (https://drive.google.com/open?id=1ppFHf51rF4nQH_XuoLy26btfXQzXL)

1. SN1 reaction

https://drive.google.com/open?id=1523_PbcKIA_j9SNA4Nxx2yIU3v2HYFFP (https://drive.google.com/open?id=1523_PbcKIA_j9SNA4Nxx2yIU3v2HYFFP)

2. SN2 reaction

https://drive.google.com/open?id=1B14J2iwWga12LNEIFJvwYn1aerPQIEj_ (https://drive.google.com/open?id=1B14J2iwWga12LNEIFJvwYn1aerPQIEj_)

Unit-V

Introduction of carboxylic acid

https://drive.google.com/open?id=1sW3MGpQnOLnxcN6Q_gyUXQKxdl-kkzV7 (https://drive.google.com/open?id=1sW3MGpQnOLnxcN6Q_gyUXQKxdl-kkzV7)

Preparations and reaction of carboxylic acid

<https://drive.google.com/open?id=1wTmMhWsBB2VQtDravSVWuSSC-uhmfWae> (<https://drive.google.com/open?id=1wTmMhWsBB2VQtDravSVWuSSC-uhmfWae>)

Aliphatic amines – Basicity.

https://drive.google.com/open?id=1Dxe_7y1A9VCGnmAQgW6jweGp3OtgbOh8 (https://drive.google.com/open?id=1Dxe_7y1A9VCGnmAQgW6jweGp3OtgbOh8)

Effect of substituent on Basicity, Qualitative test.

https://drive.google.com/open?id=1oGTS4i3xtUKI17PsrBvPUOyYL3soHd_7 (https://drive.google.com/open?id=1oGTS4i3xtUKI17PsrBvPUOyYL3soHd_7)

Structure and Uses of Acetic acid, Lactic acid, Tartaric acid, Citric acid, Succinic acid. Oxalic acid, Salicylic acid, Benzoic acid, Benzyl benzoate, Dimethyl phthalate, Methyl salicylate and Acetyl salicylic acid, Ethanolamine, Ethylenediamine, Amphetamine.

https://drive.google.com/open?id=1x9VRlI2tuMQnAef5_TACpcse7f_Vh48M (https://drive.google.com/open?id=1x9VRlI2tuMQnAef5_TACpcse7f_Vh48M)

Biochemistry (Theory), BP203 T

Unit I-

Topic:

1. Carbohydrate, Part 2

<https://drive.google.com/open?id=1jMHzyfTSudLpsUwkEY3-qtGCWI7KgO83> (<https://drive.google.com/open?id=1jMHzyfTSudLpsUwkEY3-qtGCWI7KgO83>)

2. Topic: Carbohydrate_3 (Unit 1)

<https://drive.google.com/open?id=1hYGt77dw9p22q3Go-wlC4T8X274N25p1> (<https://drive.google.com/open?id=1hYGt77dw9p22q3Go-wlC4T8X274N25p1>)

3. Biomolecules: Nucleotides and Nucleic acids

<https://drive.google.com/open?id=1UVeTxHKrLTrqZyxwOF2laWeYm6V2nJG> (<https://drive.google.com/open?id=1UVeTxHKrLTrqZyxwOF2laWeYm6V2nJG>)

4. Biomolecules_Protein

https://drive.google.com/open?id=1RgT_P-8kcPt_MKbNZFpe3m-peGIZYEpX (https://drive.google.com/open?id=1RgT_P-8kcPt_MKbNZFpe3m-peGIZYEpX)

Unit-II

Topic:

1. Carbohydrate metabolism: Glycolysis_1

<https://drive.google.com/open?id=1flioXagmZ7HfT6CkrxhbA-dM2iE10wZt> (<https://drive.google.com/open?id=1flioXagmZ7HfT6CkrxhbA-dM2iE10wZt>)

2. Carbohydrate metabolism: Glycolysis_2

https://drive.google.com/open?id=1LR_8Zhlh-507qFk7sAsgSsV08ty6Jb0x (https://drive.google.com/open?id=1LR_8Zhlh-507qFk7sAsgSsV08ty6Jb0x)

3. Carbohydrate metabolism: Citric Acid Cycle_1

https://drive.google.com/open?id=1J7taSRu8aF7yKvhfjd_LvkchA1jAoQO (https://drive.google.com/open?id=1J7taSRu8aF7yKvhfjd_LvkchA1jAoQO)

4. Carbohydrate metabolism: Citric Acid Cycle_2

https://drive.google.com/open?id=1ifHZRYL_o28F7i7pttdrWbrCSg3AJu7r (https://drive.google.com/open?id=1ifHZRYL_o28F7i7pttdrWbrCSg3AJu7r)

5. Carbohydrate metabolism: Gluconeogenesis_1

<https://drive.google.com/open?id=1pLW3d6lHlOSYntldP-TZ5XwLxHi9oq3C> (<https://drive.google.com/open?id=1pLW3d6lHlOSYntldP-TZ5XwLxHi9oq3C>)

6. Carbohydrate metabolism: Gluconeogenesis_2

<https://drive.google.com/open?id=16lXklCJoyKtZd3s0TunpgpAMzq6YDqQG> (<https://drive.google.com/open?id=16lXklCJoyKtZd3s0TunpgpAMzq6YDqQG>)

1. Carbohydrate metabolism: Glycogenogenesis

<https://drive.google.com/open?id=1SyzqnuGE0xU9yRyVwmu5LiGmJw5LeQus> (<https://drive.google.com/open?id=1SyzqnuGE0xU9yRyVwmu5LiGmJw5LeQus>)

2. Carbohydrate metabolism: Glycogenolysis

https://drive.google.com/open?id=1ETZox3KFCXudFrVkkKUUN1tpj_4PAHPH (https://drive.google.com/open?id=1ETZox3KFCXudFrVkkKUUN1tpj_4PAHPH)

3. Carbohydrate metabolism: HMP

<https://drive.google.com/open?id=17BG-rRgXc7oEPPwX11MEo5zncpgnMF8G> (<https://drive.google.com/open?id=17BG-rRgXc7oEPPwX11MEo5zncpgnMF8G>)

Pharmaceutical Organic Chemistry-III (Theory), BP401 T

Unit-I

Topic:

1. Geometrical isomerism:

https://drive.google.com/open?id=1xFzCqUzU_M1inQo_-ndbk8JfwBk6DZ7 (https://drive.google.com/open?id=1xFzCqUzU_M1inQo_-ndbk8JfwBk6DZ7)

Unit III

Topics:

1. Nomenclature of Heterocyclic compounds:

<https://drive.google.com/open?id=1zDcTZ69xQ0pIElvvd3FTTrsfT5CvuUzV0> (<https://drive.google.com/open?id=1zDcTZ69xQ0pIElvvd3FTTrsfT5CvuUzV0>)

1. Pyrr

<https://drive.google.com/open?id=16kRhroLs9-Qg363NcePWGSKcMxyBDUIh> (<https://drive.google.com/open?id=16kRhroLs9-Qg363NcePWGSKcMxyBDUIh>)

2. Furan

https://drive.google.com/open?id=1ZCvy_DtzROr223VCEJM_as5ZWjcdY4yh (https://drive.google.com/open?id=1ZCvy_DtzROr223VCEJM_as5ZWjcdY4yh)

3. Thiophene

<https://drive.google.com/open?id=1U42sBP3OG0OZVDLvC0IcCdU-zPFfoda2> (<https://drive.google.com/open?id=1U42sBP3OG0OZVDLvC0IcCdU-zPFfoda2>)

Unit-4

Topic:

1. Pyrazole and imidazole

https://drive.google.com/open?id=1RZWZTSnf7kShylhFatKgicqzv_r2VgUs (https://drive.google.com/open?id=1RZWZTSnf7kShylhFatKgicqzv_r2VgUs)

1. Oxazole and Thiazole

https://drive.google.com/open?id=1Il_vy8uArk8FmL1IBZq70eWWJP-59unN (https://drive.google.com/open?id=1Il_vy8uArk8FmL1IBZq70eWWJP-59unN)

2. Pyridine

<https://drive.google.com/open?id=1Ls3OFRAOndRTEEPSULFVu8yskTFJ1HJ1> (<https://drive.google.com/open?id=1Ls3OFRAOndRTEEPSULFVu8yskTFJ1HJ1>)

3. Quinoline

<https://drive.google.com/open?id=1xw9btVnpseBXMQRb2-BSKuVGyCNleqVz> (<https://drive.google.com/open?id=1xw9btVnpseBXMQRb2-BSKuVGyCNleqVz>)

4. Pyrimidine, Purine, Azepine

<https://drive.google.com/open?id=1VEBqoFjjhgo6RMBkLc7rdT1g6sWOdR7> (<https://drive.google.com/open?id=1VEBqoFjjhgo6RMBkLc7rdT1g6sWOdR7>)

Medicinal Chemistry-I (Theory), BP402 T

Unit II-

Topics:

1. Adrenergic drugs:

https://drive.google.com/open?id=19QQFYjEp6Fd7Gu1Yg4YWi_-QaFbhzyJ (https://drive.google.com/open?id=19QQFYjEp6Fd7Gu1Yg4YWi_-QaFbhzyJ)

2. Adrenergic antagonist

https://drive.google.com/open?id=1A9fcxSUAU9KNBDwLK_0lvKIjXfMTbcoQ (https://drive.google.com/open?id=1A9fcxSUAU9KNBDwLK_0lvKIjXfMTbcoQ)

3. Cholinergic agents

https://drive.google.com/file/d/1NfFP_sg0gKuBI4Zk8swPCD_PsrXKO2QE/view (https://drive.google.com/file/d/1NfFP_sg0gKuBI4Zk8swPCD_PsrXKO2QE/view)

4. Cholinergic Blocking agents

<https://drive.google.com/open?id=1IFQqjYN3y-jR0RFjFOPjZzyjZJEVUDmF> (<https://drive.google.com/open?id=1IFQqjYN3y-jR0RFjFOPjZzyjZJEVUDmF>)

Unit I: Introduction to medicinal chemistry, History and development of medicinal chemistry, Physicochemical properties in relation to biological action: ionization solubility, partition coefficient, hydrogen bonding, protein binding, chelation, bioisosterism, optical and geometrical isomerism

<https://drive.google.com/file/d/1KkCfC9DEYYAR-a5ZT5QM74FsiqX7XEN4/view> (<https://drive.google.com/file/d/1KkCfC9DEYYAR-a5ZT5QM74FsiqX7XEN4/view>)

Drug metabolism: Drug metabolism principles-Phase I and Phase II

<https://drive.google.com/open?id=1Vj1dJzp3NdA24tWtA2jW947Aj2ZOvyp7> (<https://drive.google.com/open?id=1Vj1dJzp3NdA24tWtA2jW947Aj2ZOvyp7>)

factors affecting drug metabolism

<https://drive.google.com/open?id=1mq8WGF41bIEQJgOzPw2J8wy4CCZ9CSHN> (<https://drive.google.com/open?id=1mq8WGF41bIEQJgOzPw2J8wy4CCZ9CSHN>)

Unit V

Anti-inflammatory agents

https://drive.google.com/open?id=1mQeEmCQixQuljEKqocr_Pf3zn_d3i8fm (https://drive.google.com/open?id=1mQeEmCQixQuljEKqocr_Pf3zn_d3i8fm)

Drugs acting on Central Nervous System

General anesthetics:

Inhalation anesthetics:

<https://drive.google.com/open?id=1z4JxKhfttAgtKRjyIP6lv1RjV7TSGarr> (<https://drive.google.com/open?id=1z4JxKhfttAgtKRjyIP6lv1RjV7TSGarr>)

Narcotic and non-narcotic analgesics Morphine and related drugs:

<https://drive.google.com/open?id=1JnQicYvi0z-20Q-tEwJe7G0UreQ5iRjD> (<https://drive.google.com/open?id=1JnQicYvi0z-20Q-tEwJe7G0UreQ5iRjD>)

Physical Pharmaceutics II, BP403 T

UNIT-IV

Topic:

1. Accelerated stability testing

https://drive.google.com/open?id=1sECvk4C5bVGbSmgiHFsRyLL_-RTeNPoW (https://drive.google.com/open?id=1sECvk4C5bVGbSmgiHFsRyLL_-RTeNPoW)

Unit 2

Rheology part2

<https://drive.google.com/open?id=12qUiLRv0w8Oo49mxaGleLP9oBAG6vFD9> (<https://drive.google.com/open?id=12qUiLRv0w8Oo49mxaGleLP9oBAG6vFD9>)

1. Details of chemical factors affecting degradation of pharmaceutical products.

https://drive.google.com/file/d/169i7btoOIBFMg4gv2ONKTa_myHagTfvU/view?usp=sharing (https://drive.google.com/file/d/169i7btoOIBFMg4gv2ONKTa_myHagTfvU/view?usp=sharing)

2. Details of Physical factors affecting degradation of pharmaceutical products.

https://drive.google.com/file/d/1xp8ACCgc5tbFybYVwa1e0MrM_oJ0LF/view?usp=sharing (https://drive.google.com/file/d/1xp8ACCgc5tbFybYVwa1e0MrM_oJ0LF/view?usp=sharing)

3. Details of the order of reaction, molecularity of reaction kinetics including pseudo zero order reaction.

https://drive.google.com/file/d/1NcloMWFmxME0VaM0qW_cFayrQEwp7pB8/view?usp=sharing (https://drive.google.com/file/d/1NcloMWFmxME0VaM0qW_cFayrQEwp7pB8/view?usp=sharing)

Pharmacology-I, BP404 T

Topic:

1. Introduction to general pharmacology

<https://drive.google.com/open?id=1b1MWKQ9d56P6jP7H8KS0FTvJJUJ6rx-z> (<https://drive.google.com/open?id=1b1MWKQ9d56P6jP7H8KS0FTvJJUJ6rx-z>)

2. Parkinson's Disease

https://drive.google.com/open?id=1IGqzkxys-cfPc_2AygZAYHL1HpZfz7IR (https://drive.google.com/open?id=1IGqzkxys-cfPc_2AygZAYHL1HpZfz7IR)

3. Membrane transport and Absorption of drugs.

https://drive.google.com/file/d/16M4bPKbz_2uW86XP0Wu3SVFdfaThcEmc (https://drive.google.com/file/d/16M4bPKbz_2uW86XP0Wu3SVFdfaThcEmc)

4. Distribution and Metabolism of Drugs.

<https://drive.google.com/file/d/1igdiZURVYapTO4CdvTJIP12KfkasV3Qq> (<https://drive.google.com/file/d/1igdiZURVYapTO4CdvTJIP12KfkasV3Qq>)

UNIT-I

1. Excretion of drugs

https://drive.google.com/file/d/10E5JZ0Z-u60xlgrW_-2hrw0s6r0WjMsd (https://drive.google.com/file/d/10E5JZ0Z-u60xlgrW_-2hrw0s6r0WjMsd)

UNIT- II

1. Principles and mechanisms of drug action

<https://drive.google.com/file/d/1hTeplakSa6JwMffK0rKCWWucEYkwenqX> (<https://drive.google.com/file/d/1hTeplakSa6JwMffK0rKCWWucEYkwenqX>)

2. Adverse drug reactions and Drug interactions

<https://drive.google.com/file/d/1wuME2UpdpPfubbyKCc9KnBMP1k2jCr4p> (<https://drive.google.com/file/d/1wuME2UpdpPfubbyKCc9KnBMP1k2jCr4p>)

3. Drug discovery and clinical evaluation of new drugs

https://drive.google.com/file/d/1PY1s8ceEVk1UD_4co_c43VF0M7JN86V (https://drive.google.com/file/d/1PY1s8ceEVk1UD_4co_c43VF0M7JN86V)

UNIT-IV

1. GENERAL PHARMACOLOGY: Routes of drug administration

https://drive.google.com/file/d/1pslKh_PAywMidrU1iX8kgigdKqdwrrz1_ (https://drive.google.com/file/d/1pslKh_PAywMidrU1iX8kgigdKqdwrrz1_)

UNIT-III

1. Organization and function of ANS, Cholinergic transmission and Parasympathomimetics.

<https://drive.google.com/file/d/1geXKHwMHIOloi4Axndgp27Co-VhBbqJM> (<https://drive.google.com/file/d/1geXKHwMHIOloi4Axndgp27Co-VhBbqJM>)

Pharmacognosy and Phytochemistry-I (Theory), BP405 T

Unit I-

1. Introduction and scope:

<https://drive.google.com/open?id=1Hd4vsNSAtEo7HX-U8L-Tp2F2v2jNC57O> (<https://drive.google.com/open?id=1Hd4vsNSAtEo7HX-U8L-Tp2F2v2jNC57O>)

Unit: - II

1. Factors influencing cultivation of medicinal Plants.

<https://drive.google.com/open?id=1Ui8PEJTtAL9jcKnQawT2g72TTcJkLMu7> (<https://drive.google.com/open?id=1Ui8PEJTtAL9jcKnQawT2g72TTcJkLMu7>)

2. Plant Hormones and their Applications.

https://drive.google.com/open?id=1GSPjxW-Or4jKUheD_WAAYrj3PSsSZdY1 (https://drive.google.com/open?id=1GSPjxW-Or4jKUheD_WAAYrj3PSsSZdY1)

3. Quality control of crude drugs

<https://drive.google.com/file/d/19Yrigqo7T9DY7Gye25fm-BZCvC3QRELV/view?usp=drivesdk> (<https://drive.google.com/file/d/19Yrigqo7T9DY7Gye25fm-BZCvC3QRELV/view?usp=drivesdk>)

Unit-IV

Topic- classification of crude drugs

https://drive.google.com/file/d/1b6b9hDul1vJ5khjn2DLzguzBD_uantgh/view?usp=drivesdk (https://drive.google.com/file/d/1b6b9hDul1vJ5khjn2DLzguzBD_uantgh/view?usp=drivesdk)

Unit: - V Part 1

1. Edible vaccines

<https://drive.google.com/file/d/1G45LLStG-WvDjeZkHs2eR1Xgl1dFKArW/view?usp=drivesdk> (<https://drive.google.com/file/d/1G45LLStG-WvDjeZkHs2eR1Xgl1dFKArW/view?usp=drivesdk>)

Topic- Classification of crude drugs

https://drive.google.com/file/d/1b6b9hDul1vJ5khjn2DLzguzBD_uantgh/view?usp=drivesdk (https://drive.google.com/file/d/1b6b9hDul1vJ5khjn2DLzguzBD_uantgh/view?usp=drivesdk)

Herbal Drug Technology – Theory BP603T

Unit 3:

Part 2- Herbal excipients:

<https://drive.google.com/open?id=1RB9hh3fUkxZL-sTqkumay5dS2LuJsO1X> (<https://drive.google.com/open?id=1RB9hh3fUkxZL-sTqkumay5dS2LuJsO1X>)

Unit 4:

Part 1- WHO & ICH Guidelines for herbal products

https://drive.google.com/open?id=1NYtGF26Sk4Gp6nt02R9QnPyD_c0a2Cq8 (https://drive.google.com/open?id=1NYtGF26Sk4Gp6nt02R9QnPyD_c0a2Cq8)

Part 2: Definitions- Patent, IPR, Farmers right, Breeders right, Bioprospecting & Biopiracy

<https://drive.google.com/open?id=1NKLHi7bhOkk7vy1dr7mCt7GWgp9ZJBtU> (<https://drive.google.com/open?id=1NKLHi7bhOkk7vy1dr7mCt7GWgp9ZJBtU>)

Part 3: Regulatory requirements, ASU DTAB, ASU DCC, Schedule Z

https://drive.google.com/open?id=1ZB2ZS33oVvs_y2frPRQcOAqJKg4LHCqT (https://drive.google.com/open?id=1ZB2ZS33oVvs_y2frPRQcOAqJKg4LHCqT)

1. Herbs as raw materials

<https://drive.google.com/file/d/1UCPl6vf5j0nQwUROWVXWaL-jYe4-7gvo/view?usp=drivesdk> (<https://drive.google.com/file/d/1UCPl6vf5j0nQwUROWVXWaL-jYe4-7gvo/view?usp=drivesdk>)

2. Quality control of herbal medicines

https://drive.google.com/file/d/1sGgckSuhli5BiA_lmh0QcOjTQH5pZKTx/view?usp=drivesdk (https://drive.google.com/file/d/1sGgckSuhli5BiA_lmh0QcOjTQH5pZKTx/view?usp=drivesdk)

Unit 5

Part 1: General introduction to Herbal Industry

https://drive.google.com/open?id=15T3AvMLZKJyHUIKDL9-usD2_3VzVu4cu (https://drive.google.com/open?id=15T3AvMLZKJyHUIKDL9-usD2_3VzVu4cu)

Part 2: Schedule T

<https://drive.google.com/open?id=1yiJl119x6KNRGqorc9WL5a2EyZyryfJ3> (<https://drive.google.com/open?id=1yiJl119x6KNRGqorc9WL5a2EyZyryfJ3>)

Herbal drug technology :Indian medicinal system

https://drive.google.com/file/d/1nf2vT5XmEpab_VnhF7SBZNBhM4klkQJw/view?usp=drivesdk
(https://drive.google.com/file/d/1nf2vT5XmEpab_VnhF7SBZNBhM4klkQJw/view?usp=drivesdk)

Topic

1. Biopesticides

<https://drive.google.com/file/d/1-BNGqtqEDoM-mpjhS1UGMejk2sT9YluT/view?usp=drivesdk> ([file://phserver/Phserver/eNBA_SAR_PDF/%0dhttps://drive.google.com/file/d/1-BNGqtqEDoM-mpjhS1UGMejk2sT9YluT/view?usp=drivesdk](https://drive.google.com/file/d/1-BNGqtqEDoM-mpjhS1UGMejk2sT9YluT/view?usp=drivesdk))

PHARMACOLOGY-III BP602T

UNIT-I, ANTI-ASTHMATIC DRUGS

https://drive.google.com/file/d/1Bo5DHiZebPoK_k-L65hHVOF7g4SI57uG (https://drive.google.com/file/d/1Bo5DHiZebPoK_k-L65hHVOF7g4SI57uG)

UNIT-II, ANTIULCER AGENTS

<https://drive.google.com/file/d/1dpStvXzgOmBwBybCKFTF9XEPxglX8mOC> (<https://drive.google.com/file/d/1dpStvXzgOmBwBybCKFTF9XEPxglX8mOC>)

UNIT-II, GENERAL PRINCIPLES OF CHEMOTHERAPY

<https://drive.google.com/file/d/1TX2i-d4wOtlrE1FN7jAKn8AT-ijUYEDp> (<https://drive.google.com/file/d/1TX2i-d4wOtlrE1FN7jAKn8AT-ijUYEDp>)

UNIT-III, ANTITUBERCULAR AGENTS

<https://drive.google.com/file/d/1yAgWdUbxnzPKPAbIzNgT8JOgmbJEXQlx> (<https://drive.google.com/file/d/1yAgWdUbxnzPKPAbIzNgT8JOgmbJEXQlx>)

UNIT-III, Antimalarial drugs

<https://drive.google.com/file/d/14PgLMk0LBHtgqC4IaaNwW1mTfI3if0Px> (<https://drive.google.com/file/d/14PgLMk0LBHtgqC4IaaNwW1mTfI3if0Px>)

UNIT- IV, Immunostimulants and Immunosuppressants

https://drive.google.com/file/d/1rzbjho3-4tq0_qpqcO_aSz5yyhu1naG (https://drive.google.com/file/d/1rzbjho3-4tq0_qpqcO_aSz5yyhu1naG)

UNIT-V Principles of toxicology

<https://drive.google.com/file/d/1LWOTkdB-1vFG8ynAYBFitScgJiuATYtj> (<https://drive.google.com/file/d/1LWOTkdB-1vFG8ynAYBFitScgJiuATYtj>)

UNIT-V, Chronopharmacology

<https://drive.google.com/file/d/1IE8P9owH3CdAj0kG0YrWhrEOCU02pzKu> (<https://drive.google.com/file/d/1IE8P9owH3CdAj0kG0YrWhrEOCU02pzKu>)

UNIT-II, Macrolides

<https://drive.google.com/file/d/1J4Wxw2cUcBYzS0MmVFu7KnckW6uznWd9> (<https://drive.google.com/file/d/1J4Wxw2cUcBYzS0MmVFu7KnckW6uznWd9>)

UNIT-I , Expectorants and Antitussives

https://drive.google.com/file/d/1m8MOJNIIhZW_4om8g1C_NuX2-IQqRCv (https://drive.google.com/file/d/1m8MOJNIIhZW_4om8g1C_NuX2-IQqRCv)

UNIT-IV, Chemotherapy of Malignancy

https://drive.google.com/file/d/162ceek_mix3Mq7Uj39VSzeVSC1TANhDS (https://drive.google.com/file/d/162ceek_mix3Mq7Uj39VSzeVSC1TANhDS)

Biotech, BP605 T

1. Fermentation media

https://drive.google.com/open?id=169qejsSm_tul-Hs9TsaBtUgYA7UJ0Zv (https://drive.google.com/open?id=169qejsSm_tul-Hs9TsaBtUgYA7UJ0Zv)

Chemistry of Natural Products, RPH-839**UNIT-III**

Extraction, isolation and structure elucidation of-**Glycosides**: Digoxin. **Purines**: Caffeine.

https://drive.google.com/file/d/1rFXxrXo_acDmodUw5eiZkBuXEC5mnDsj/view (https://drive.google.com/file/d/1rFXxrXo_acDmodUw5eiZkBuXEC5mnDsj/view)

Extraction, isolation and structure elucidation of **Flavonoids**: Quercetin. **Lignans**: Podophyllotoxin.

<https://drive.google.com/open?id=1A1XZ8KhI3ar1V7e2UHahoAA8Fb-x95uc> (<https://drive.google.com/open?id=1A1XZ8KhI3ar1V7e2UHahoAA8Fb-x95uc>)

Unit II- Topics:**1. Alkaloids:**

<https://drive.google.com/open?id=1Y7PeTfJ2hwfUwZ8JUcneGqNXpgRCve6X> (<https://drive.google.com/open?id=1Y7PeTfJ2hwfUwZ8JUcneGqNXpgRCve6X>)

2. Morphine:

<https://drive.google.com/open?id=16f5Lm5qs1khSh1apuxTvPho3j5RI5hCJ> (<https://drive.google.com/open?id=16f5Lm5qs1khSh1apuxTvPho3j5RI5hCJ>)

Unit IV- Topics:

1. Terpenoids:

<https://drive.google.com/open?id=1gqbJe5cf4x4K6jPOAXpqDf8QpBtW1XZI> (<https://drive.google.com/open?id=1gqbJe5cf4x4K6jPOAXpqDf8QpBtW1XZI>)

2. Terpenoids_Part 2:

https://drive.google.com/open?id=1fEk3jwE6fOKJzMDccCzH63nP_AcVZPgZ (https://drive.google.com/open?id=1fEk3jwE6fOKJzMDccCzH63nP_AcVZPgZ)

UNIT -4

1. Extraction, isolation and structure elucidation of Indoles (Reserpine), Quinolines (Quinine).

<https://drive.google.com/open?id=1kGMH3bfMQryUVTIE3mFjgllbOVzixPBf> (<https://drive.google.com/open?id=1kGMH3bfMQryUVTIE3mFjgllbOVzixPBf>)

Food & Nutraceuticals, RPH-842

1. Nutritional value in detail & proximate analysis of nutritional componenet in food and nutraceuticals as a nutritional facts.

<https://drive.google.com/file/d/1R83wuNEaJn8leMaQrHtuxe-rr1dArYDx/view?usp=sharing> (<https://drive.google.com/file/d/1R83wuNEaJn8leMaQrHtuxe-rr1dArYDx/view?usp=sharing>)

Topics:

1. Dietary supplement and phytonutraceuticals.

https://drive.google.com/file/d/1-zkZhxTAFIXGWelnWg4wV_6qkLrLrJI9/view?usp=sharing (https://drive.google.com/file/d/1-zkZhxTAFIXGWelnWg4wV_6qkLrLrJI9/view?usp=sharing)

2. Functional food and fortified food.

<https://drive.google.com/file/d/1VRe3PTInGV5c7vhieHvMYKjmlrTryqyd/view?usp=sharing> (<https://drive.google.com/file/d/1VRe3PTInGV5c7vhieHvMYKjmlrTryqyd/view?usp=sharing>)

1. Nutraceuticals detail.

<https://drive.google.com/file/d/1YKejsdYGaMta8ZwwN3rqPH6YdLgg4YMD/view?usp=sharing>
(<https://drive.google.com/file/d/1YKejsdYGaMta8ZwwN3rqPH6YdLgg4YMD/view?usp=sharing>)

1. Introduction to food technology, Freezing as a food processing, changes in food during refrigeration, ice crystal damage.

<https://drive.google.com/file/d/1YKejsdYGaMta8ZwwN3rqPH6YdLgg4YMD/view?usp=sharing>
(<https://drive.google.com/file/d/1YKejsdYGaMta8ZwwN3rqPH6YdLgg4YMD/view?usp=sharing>)

2. Freeze concentration (progressive freezing), microwave heating and drying method on food products, effect of dehydration.

https://drive.google.com/file/d/1RB1uDtB5tQQZIZZbMwzrdhjq_dYkofYw/view?usp=sharing (https://drive.google.com/file/d/1RB1uDtB5tQQZIZZbMwzrdhjq_dYkofYw/view?usp=sharing)

Unit-IV

Topics:

1. Label claim in detail.

https://drive.google.com/file/d/1tMjBycPOZS_grvqE12u2gm-wTgSjA3Py/view?usp=sharing (https://drive.google.com/file/d/1tMjBycPOZS_grvqE12u2gm-wTgSjA3Py/view?usp=sharing)

2. Nutritional and functional claim detail.

<https://drive.google.com/file/d/1g4VpLoxUZ5qm6wVG-L1axR6BeZJp2GHF/view?usp=sharing> (<https://drive.google.com/file/d/1g4VpLoxUZ5qm6wVG-L1axR6BeZJp2GHF/view?usp=sharing>)

Unit 4.

Supercritical fluid extraction it's mechanism, application, advantages, process, types in detail.

https://drive.google.com/file/d/1oMqBsqp_gBHd8al8dK2DlrdwOX1TPW5x/view?usp=sharing (https://drive.google.com/file/d/1oMqBsqp_gBHd8al8dK2DlrdwOX1TPW5x/view?usp=sharing)

Unit 5.

1. Nutritional value in detail & proximate analysis of nutritional componenet in food and nutraceuticals as a nutritional facts.

<https://drive.google.com/file/d/1R83wuNEaJn8leMaQrHtuxe-rr1dArYDx/view?usp=sharing> (<https://drive.google.com/file/d/1R83wuNEaJn8leMaQrHtuxe-rr1dArYDx/view?usp=sharing>)

GMP, RPH 843(B)

Topic: GLP

https://drive.google.com/open?id=1xilPwu12u9pkV2jnj1NCP_mtFWLHMBYi (https://drive.google.com/open?id=1xilPwu12u9pkV2jnj1NCP_mtFWLHMBYi)

Topic: GCP

<https://drive.google.com/open?id=11c68fkvaKuNECpOsZFy5tCkU0pvWHMdf> (<https://drive.google.com/open?id=11c68fkvaKuNECpOsZFy5tCkU0pvWHMdf>)

Pharmaceutical Marketing and Management (Theory), RPH 841

Topic: Production management

https://drive.google.com/open?id=1lz2zm7i2kwfTm-wsgx1FNSZOrHMH55_ (https://drive.google.com/open?id=1lz2zm7i2kwfTm-wsgx1FNSZOrHMH55_)

Part 1: Definition, administrative management (Planning, Organizing, Staffing, Directing & Controlling, Entrepreneurship Development)

<https://drive.google.com/open?id=1IACAzZCdDjy7AL79oUnhW7Sh9Hg8Te0m> (<https://drive.google.com/open?id=1IACAzZCdDjy7AL79oUnhW7Sh9Hg8Te0m>)

Unit 2:

Part 1: Principles of Management

<https://drive.google.com/open?id=1-5x6zErWTjUc3g95KbvXRhRExHoiSwC7> (<https://drive.google.com/open?id=1-5x6zErWTjUc3g95KbvXRhRExHoiSwC7>)

Unit I-

Topics:

Part 3: Maintenance management, performance evaluation & review technique

<https://drive.google.com/open?id=1ht2QfZ4xmAzJkopQ1yob05DehU92aa7O> (<https://drive.google.com/open?id=1ht2QfZ4xmAzJkopQ1yob05DehU92aa7O>)

Unit 3

Part 1: Introduction to marketing

https://drive.google.com/open?id=1Sa8mzshvO3Fu6XpS1fmcqI35n3_8TkCK (https://drive.google.com/open?id=1Sa8mzshvO3Fu6XpS1fmcqI35n3_8TkCK)

Part 2: Introduction to e-commerce & start up business

<https://drive.google.com/open?id=1u5EYx0uMKNpcln9MCrcx2hJjpKQEsDBR> (<https://drive.google.com/open?id=1u5EYx0uMKNpcln9MCrcx2hJjpKQEsDBR>)

Unit-IV:**1. Salesmanship**

https://drive.google.com/open?id=1AfcMw8P4HL0V_iprqBKVGGwfkQrnljmw (https://drive.google.com/open?id=1AfcMw8P4HL0V_iprqBKVGGwfkQrnljmw)

Unit-V:**1. Part 1- Market research, Market segmentation**

<https://drive.google.com/open?id=14IrXlagiGwwrmrKEkE1yFgPMthL9bNAZ> (<https://drive.google.com/open?id=14IrXlagiGwwrmrKEkE1yFgPMthL9bNAZ>)

2. Part 2- Market targeting, Demand Measurement, Geodemographic analysis, estimating industry sales

<https://drive.google.com/open?id=1RYhhVJdUYHKqZiF7jNaQ5B3kw5Oydifg> (<https://drive.google.com/open?id=1RYhhVJdUYHKqZiF7jNaQ5B3kw5Oydifg>)

8.5 Career Guidance, Training, Placement (10)**Total Marks 10.00**

Facility:

Faculty of Pharmacy, BBDNIIT has training and placement cell comprising of staff and alumni members.

The basic **objective of this cell** is to provide a platform for interaction between students and the experienced professional in various domains, in order to groom them professionally to prepare for challenging career opportunities.

Guest lecturers from professionals are invited regularly so that students take advantage and are benefitted by expert talk.

The broad areas covered includes personality development, motivational lectures, presentation skills to face an interview, writing resume, interview techniques, bridging gap between industry and academy, career options for pharmacy students etc.

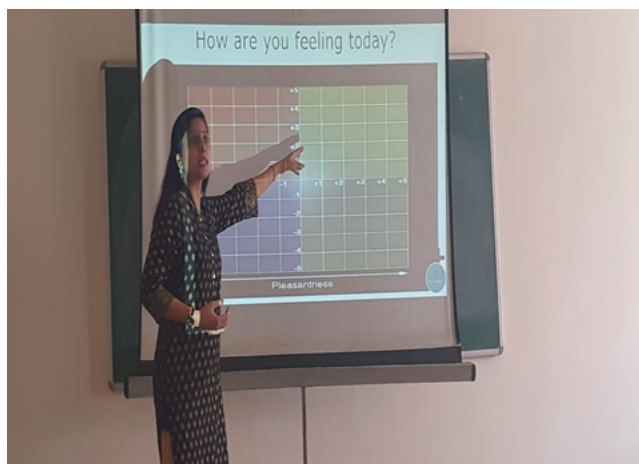
Career guidance to the students is also provided by regularly arranging industrial and hospital visits.

The placement cell at Faculty of Pharmacy, BBDNIIT actively bridges the gap between students and corporate organization.

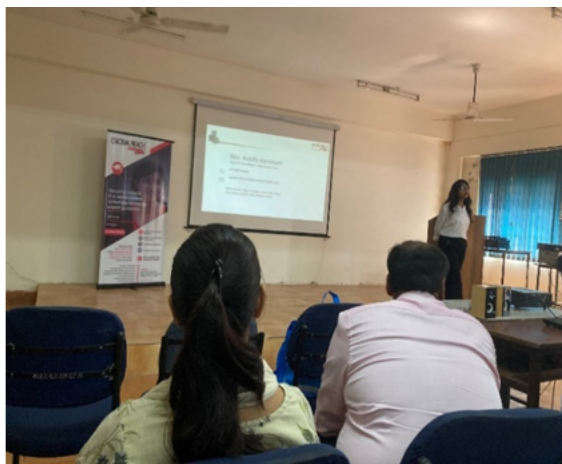
The institute's placement cell functions under the supervision of committee in charge and operate all year round to conduct campus interview for the students.

Facility Management Training: -

As per PCI regulation, it is mandatory for the students to undertake industrial training in pharma units. The training helps to understand the setup of industry and use of latest equipments and instruments. The industry issues a completion certificate at the end of the term, which is collected by the Institute.



Session on Stress Management



Session for Career Guidance



Lecture Session by Alumni

Placement:-

Faculty of Pharmacy, BBDNIIT through its teaching and learning process is committed to create students which would enable them to be absorbed by the industry. The institute invites reputed companies and other industries for recruitment drive. The students need to be present in their formal dress at the time of campus placement. The session begins with pre- placement talks with the candidates wherein the recruiters highlight about their company, their product, requirement and recruiting policies before the commencement of the interview process.

Students are advised to attend the interactive sessions for more information about the company, job description and the recommendation.

The data bank of the students profile is maintained by the T & P cell and the interested students submit their CV's directly to the cell.

Students must apply to corporate after careful consideration. Students need to present themselves morally and ethically to keep the reputation of the Institute through their actions while interacting with the corporate world especially during the recruitment process.

Students are advised to attend the interactive sessions for more information about the company, job description and the recommendation.

Information regarding selection of candidate is passed on the placement committee of the Institute by the company.

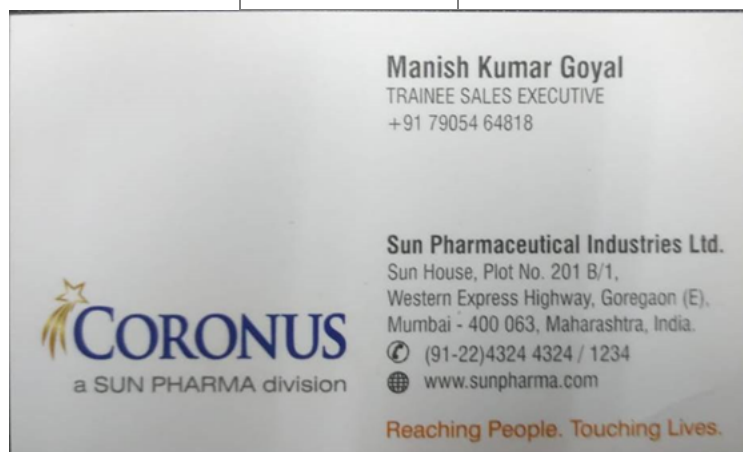
Effectiveness:

These measures have proven to be effective as it is evident that the numbers of reputed pharma companies visiting our campus/ online have increased significantly.

Top Recruiters of Our Institute

| Sr. No. | Name of Industry |
|---------|------------------|
|---------|------------------|

| | |
|-----|---------------------------------|
| 1. | Nestle India |
| 2. | GSK Pharmaceuticals Limited |
| 3. | PFIZER Limited |
| 4. | Alembic Pharmaceuticals |
| 5. | Cipla Ltd. |
| 6. | Sun Pharma |
| 7. | Alkem Pvt. Ltd. |
| 8. | Aristo Laboratories Pvt. Ltd. |
| 9. | Lupin Pvt. Ltd. Lucknow |
| 10. | Torrent Pharma |
| 11. | Macleods Pharmaceuticals Ltd. |
| 12. | Troika |
| 13. | Apollo Pharmacy Ltd. |
| 14. | AKUMS |
| 15. | Chandan Pharmacy Ltd. |
| 16. | Intas Pharma |
| 17. | Medley Pharmaceutical Ltd. |
| 18. | Riobliss Life Sciences |
| 19. | Stanford Laboratories Pvt. Ltd. |
| 20. | Syscon Pharma Private Ltd. |
| 21. | Innova CAPTAB |



Training & Placement Cell



Group Discussion with T & P cell before Interview

List of **2022-2023 Passing-out batch** student have been selected in the campus drive of **Nestle Nutrition**:

| Sr. No. | Name of Students | Roll No. | Institute | Branch |
|---------|------------------|---------------|-----------|----------|
| 1 | IQRA KHAN | 1900560500042 | BBDNIIT | B. PHARM |

List of **2021-2022 Passing-out batch** students have been selected in the campus drive of **Alembic Pharmaceuticals**:

| Sr. No. | Name of Students | Roll No. | Institute | Branch |
|---------|--------------------|------------|-----------|----------|
| 1 | ABHISHEK RAJ | 1805650005 | BBDNIIT | B. PHARM |
| 2 | AMAN JAISWAL | 1805650011 | BBDNIIT | B. PHARM |
| 3 | ASHISH BHATIA | 1805650020 | BBDNIIT | B. PHARM |
| 4 | DIWAKAR PANDEY | 1805650030 | BBDNIIT | B. PHARM |
| 5 | KISAN JAISWAL | 1805650038 | BBDNIIT | B. PHARM |
| 6 | MANISH KUMAR GOYAL | 1805650043 | BBDNIIT | B. PHARM |
| 7 | SUPRIYA PANDEY | 1805650079 | BBDNIIT | B. PHARM |
| 8 | VIRENDRA KUMAR | 1805650086 | BBDNIIT | B. PHARM |

List of **2021-2022 Passing-out batch** students have been selected in the campus drive of **Pulses Health Tech.:**

| Sr. No. | Name of Students | Roll No. | Institute | Branch |
|---------|------------------------|------------|-----------|----------|
| 1 | ABHISHEK CHITRANSHI | 1805650002 | BBDNIIT | B. PHARM |
| 2 | ABHISHEK RAJ | 1805650005 | BBDNIIT | B. PHARM |
| 3 | AMAN JAISWAL | 1805650011 | BBDNIIT | B. PHARM |
| 4 | ANUSHKA MEHTA | 1805650014 | BBDNIIT | B. PHARM |
| 5 | ASHISH BHATIA | 1805650020 | BBDNIIT | B. PHARM |
| 6 | DEEPSHIKHA KUSHWAHA | 1805650025 | BBDNIIT | B. PHARM |
| 7 | DILASHA CHAKRABORTY | 1805650029 | BBDNIIT | B. PHARM |
| 8 | HRIDAYESH KUMAR SHUKLA | 1805650031 | BBDNIIT | B. PHARM |
| 9 | HRITI TEJWANI | 1805650032 | BBDNIIT | B. PHARM |
| 10 | KM PRACHI | 1805650039 | BBDNIIT | B. PHARM |
| 11 | MANISH KUMAR GOYAL | 1805650043 | BBDNIIT | B. PHARM |
| 12 | PALLAVI | 1805650047 | BBDNIIT | B. PHARM |
| 13 | PRAVEEN KUMAR PATEL | 1805650049 | BBDNIIT | B. PHARM |
| 14 | PRIYA KASHYAP | 1805650051 | BBDNIIT | B. PHARM |
| 15 | RAJ KISHAN AZAD | 1805650055 | BBDNIIT | B. PHARM |
| 16 | SHIVANGI SINGH | 1805650070 | BBDNIIT | B. PHARM |
| 17 | SUPRIYA PANDEY | 1805650079 | BBDNIIT | B. PHARM |
| 18 | VAIBHAV CHAUDHARY | 1805650084 | BBDNIIT | B. PHARM |

| | | | | |
|----|--------------|------------|---------|----------|
| 19 | PRIYANKA RAI | 1805650052 | BBDNIIT | B. PHARM |
|----|--------------|------------|---------|----------|

st of student selected in the campus drive of **GSK Pharmaceuticals Ltd. in 2019:**

| Sr. No. | Name of Students | Roll No. | Institute | Branch |
|---------|------------------|------------|-----------|----------|
| 1 | KSHITIZ UPADHYAY | 1505650030 | BBDNIIT | B. PHARM |

st of students selected in the campus drive of **Pfizer Ltd. in 2019:**

| Sr. No. | Name of Students | Roll No. | Institute | Branch |
|---------|------------------|------------|-----------|----------|
| 1 | VINIT PRAJAPATI | 1505650075 | BBDNIIT | B. PHARM |
| 2 | ARCHITA TIWARI | 1505650011 | BBDNIIT | B. PHARM |

Some Guest Lectures pertaining to placement cell

CAY (2022-23):-

| Sr. No. | Date | Topic and Subject | Resource Person | Students Present |
|---------|------------|--|---|------------------|
| 1 | 14/10/2022 | Career opportunities and scholarship opportunities for student opting for study abroad | Mrs Ankita Hemnani (Director) Global-Reach, Lucknow | 110 |
| 2 | 23/11/2022 | Career aspects and opportunities after B. Pharm | Mr Durga Shankar Dubey (Area Manager) Johnson & Johnson, Lucknow | 170 |
| 3 | 19/01/2023 | Channelizing your Pharmacy Degree towards lucrative Professional life | Mr. Manish Kumar Singh (Alumni) Akums Drugs and Pharmaceutical Limited, Haridwar | 80 |
| 4 | 13/03/2023 | Development of Visual-aid and Scientific Documents for Medical Representatives. | Dr. Ritu Yadav (Alumni) Executive-Scientific Affairs and Business, Aureate Healthcare, Delhi | 75 |

CAYm1: 2021-22:-

| Sr. No | Date | Topic | Speaker Name and designation | No. of participants |
|--------|------------|--|---|---------------------|
| 1 | 17/05/2022 | Stress Management & Resilience building among Professional | Dr. Nimisha Vandan (Post Doc. fellow) University of Hong Kong Co-founder OKAY MINDS | 70 |
| 2 | 27/2/2022 | Pharma Career Guidance | Ms. Roshni Varshney (Alumni) Drug safety associate Parexel International Pvt Ltd. Chandigarh | 95 |
| 3 | 01/12/2021 | Role of clinical Pharmacology in drug development | Kanchan Sharma (Alumni) Clinical project coordinator Labcorp drug development, Bengaluru | 88 |
| 4 | 05/9/2021 | Role of Pharmacist in current scenario | Harsh Singh (Alumni) Aristo Pharmaceuticals Limited | 76 |

CAYm2: 2020-21:-

| Sr. No | Date | Topic | Speaker Name and designation | No. of participants |
|--------|------|-------|------------------------------|---------------------|
|--------|------|-------|------------------------------|---------------------|

| | | | | |
|---|------------|--|--|----|
| 1 | 15/01/2021 | Online lecture on Handling of Manpower for better productivity | Pragya Mishra Associate Head Managing and Administration Department Glenmark pharmaceutical, Baddi | 75 |
| 2 | 11/06/2021 | Online lecture on how to write papers for High Impact Journals | Ipsita Awasthi Scientific writing Senior Drug safety Associate Accenture | 85 |



The impact of training and placement cell:

| Sr. No | Year | No. of B. Pharm. students selected for the job. | No. of B. Pharm. students as entrepreneur | No. of B. Pharm. students opted for Higher Studies. |
|--------|---------|---|---|---|
| 1 | 2021-22 | 31 | 08 | 34 |
| 2 | 2020-21 | 31 | 06 | 27 |
| 3 | 2019-20 | 27 | 5 | 21 |

CAYm1(2022-23)

List of Students Qualified GPAT during 2022-23

| S. No. | Name | All India Rank | NTA SCORE |
|--------|---------------------|----------------|-----------|
| 1 | Anurag Kumar Mishra | 347 | 99.45 |

| | | | |
|---|-------------------------------------|------|-------|
| 2 | Gautam Kumar Pandey | 1439 | 97.69 |
| 3 | Ashish Gupta | 2152 | 96.59 |
| 4 | Shubham Singh | 2482 | 96.03 |
| 5 | Rohan Sharma (B. Pharm. III Yr.) | 4386 | 92.99 |
| 6 | Nidhi Gupta (B. Pharm. III Yr.) | 5096 | 91.82 |
| 7 | Ramji Mishra | 6001 | 90.38 |

List of Students Qualified NIPER during 2022-23

| S.No | Name of the students | NIPER |
|------|---|-------|
| 1 | Gautam Kumar Pandey M.Pharm (National Institute of Pharmaceutical Education and Research, Hazipur) | 871 |
| 2. | Anurag Kumar Mishra M.Pharm (National Institute of Pharmaceutical Education and Research, Hazipur) | 1251 |

CAYm1(2021-22)**List of Students Qualified GPAT during 2021-22**

| S. No | NAME OF THE STUDENTS | GPAT SCORE | AIR |
|-------|-------------------------|------------|------|
| 1 | Mr. Vaibhav Chaudhry | 170 | 845 |
| 2 | Mr. Vijay Yadav | 159 | 1261 |
| 3 | Ms. Deepshikha | 139 | 2613 |
| 4 | Ms. Soumya Maurya | 138 | 2722 |
| 5 | Mr. Abhishek Rao | 134 | 3133 |
| 6 | Ms. Kajal Pal | 128 | 3870 |
| 7 | Mr. Md. Adnan | 125 | 4201 |
| 8 | Ms. Ranjana | 123 | 4533 |
| 9 | Mr. Gautam Kumar Pandey | 148 | 1892 |

List of Students Qualified NIPER during 2021-22

| S.No | Name of the students | AIR |
|------|---|-----|
| 1 | Vijay Yadav M.Pharm (National Institute of Pharmaceutical Education and Research, Raebareli) | 987 |

Many of the students were placed in Premier Institute for eg.,

Deepshikha Kushwaha in Babasaheb Bhimrao Ambedkar University, Lucknow.

CAYm2 (2020-21)**List of Students Qualified GPAT during 2020-21**

| S. No | NAME OF THE STUDENTS | GPAT SCORE | AIR |
|-------|----------------------|------------|------|
| 1 | Ms. Aiman Fatima | 204 | 1018 |
| 2 | Ms. Rukhsar Parveen | 186 | 1746 |
| 3 | Ms. Prerna Kewlani | 185 | 1783 |
| 4 | Ms. Shashi Kashyap | 185 | 1783 |
| 5 | Ms. Preeti Yadav | 162 | 3469 |
| 6 | Mr. Rishabh Dubey | 156 | 4104 |

Many of the students were placed in Premier Institute for eg.,

- Preeti Yadav Pursuing M.Pharm. (Pharmacology) from BBAU, Lucknow.
- Prema Kewlani Pursuing M.Pharm. (Pharmaceutics) from BBAU, Lucknow.
- Km. Shashi Kashyap Pursuing M.Pharm. (Pharmaceutics) from BBAU, Lucknow.
- Rishabh Dubey Pursuing M.Pharm. from Dr. H.S. Gaur Sagar University, Madhya Pradesh.
- Samra Fatima Pharm. MBA from Jamia Hamdard, Delhi.
- Khyati Misra Pharm MBA from Ramaiah University, Bangalore.
- Rajdeep Gupta Training at Pharmaceutics and Pharmacokinetics Division, CSIR-CDRI, Lucknow.

CAYm3 (2019-20)

List of Students Qualified GPAT during 2019-20

| S. No | NAME OF THE STUDENTS | GPAT SCORE | AIR |
|-------|-----------------------|------------|-------|
| 1 | Mohd. Shafeeque | 168 | 1605 |
| 2 | Mr. Chirag Jiaswar | 139 | 3963 |
| 3 | Ms. Divya Chaurasia | 172 | 1398 |
| 4 | Mr. Shubham Kanaujiya | 107 | 10177 |
| 5 | Ms. Shristi Mishra | 123 | 6442 |
| 6 | Ms. Shashi Kashyap | 167 | 1641 |

List of Students Qualified NIPER during 2019-20

| S.No | Name of the students | AIR |
|------|--|-----|
| 1 | Chirag Jiaswar (M.Pharm. (Medicinal Chemistry), NIPER, Ahmedabad | 896 |

Many of the students were placed in Premier Institute for e.g.,

- Deepankar Yadav M.Pharm. (Pharmaceutics) from BBAU, Lucknow.
- Mohd. Shafeeque M.Pharm. (Pharmaceutical Chemistry), form Jamia Hamdard University.

Success Story of Alumni



Year of Passing: 2005

Neha Jain

Sr. Assistant Manager Regulatory Affair at Synokem Pharmaceuticals Ltd.



Year of Passing: 2006

Nityanand

Zonal Head (North India) at Hemstech Pharmaceuticals LLP

Experienced in Operations & Sales with a demonstrated history of working in the marketing and advertising industry. Strong marketing professional skilled in Negotiation, Market Planning, Retail, Real Estate sales, Business Development, and Marketing Strategy. Specialties: - Team handling, relationship management, revenue generation, Operational expertise, conceptualizing and execution of marketing plan, Real Estate Sales



Year of Passing: 2009

Rajneesh Singh

Pharmacovigilance Quality Manager at Cipla India Private Limited from 10-Feb-2022 till date Having responsibilities of planning and conducting audits of PV processes, business partners, Country Offices, service providers and other departments related to PV function, facilitating external audits and regulatory inspections, Involved in regulatory intelligence activity. Perform Vendor Qualification and its related activities. Conduct risk assessment of all PV processes, departments of other than Drug Safety Department involved in PV System, Country offices, subsidiaries, business partner and service providers. Preparation and implementation of Audit schedule, monitor compliance and maintain quality management system including Pharmacovigilance audits, deviation handling and CAPA management. Approval of CAPA and associated action items, closing and effectiveness review of CAPAs.

Ex-Associate manager, **Elites Safety Sciences, India 20-Apr-2019 till 10-Feb-2022.**

Ex-Senior compliance specialist, **Syneos, Gurgaon, India, Mar-2015 to 20-Apr-2019**



Year of Passing: 2010

Dr Neeraj Singh

Dr Neeraj Singh is an Assistant Professor in the Marketing and Strategy area in Indian Institute of Management, Rohtak. He has completed his Ph.D. from the Indian Institute of Management, Lucknow. He is also an alumnus of the Indian Institute of Forest Management Bhopal and a UGC-NET-Junior Research Fellowship (JRF) Awardee. Before joining the institute, he was briefly associated with XIM University, Bhubaneswar, as a visiting faculty.



Year of Passing: 2010

Dilip Gupta

Head Operations at AKUMS DRUGS & PHARMACEUTICALS LTD



Year of Passing: 2011

Anurag Tripathi

Senior Executive at Alembic Pharmaceuticals Limited

In this company I gained lots of knowledge. During the year I have learnt many things like how to solve problems, safety of employees, how to work under pressure. When I was working [there](#) I received good performance certificate from my boss.



Year of Passing: 2011

Shatrunajay Shukla

Indian pharmacopoeia commission · ministry of health & family welfare, government of India
Ph.D. (Toxicology)

Drug Safety; Public Health; Medical Device and In-vitro Diagnostic Safety; Natural Products;
Toxicology; Cell Signaling.



Year of Passing: 2011

Vinay Dubey

Senior manager at Syneos Health | Ex-Covance Ex-Cognizant Ex-Parexel NIPER Mohali Dr
Hari Singh Gour

Results-oriented and highly experienced Medical Writer and Pharmacovigilance professional with over 10 years of experience supporting major companies such as Syneos Health, LabCorp, Cognizant, and Parexel on high-value projects totaling \$42,80,000. Demonstrated ability to manage teams and produce high-quality work through focus on detail and task prioritization. Committed to the industry and dedicated to achieving successful results for clients.



Year of Passing: 2012

Ira Sankrityayan

Assistant Manager – Presence and Assets Support (PAS) ira.sankrityayan@realfoundations.net

Ira Sankrityayan is an Assistant Manager with RealFoundations' Presence and Assets Support (PAS) team, Bengaluru. She started her career in business research in 2014 and has a demonstrated history of working in management consulting with a focus on business development, competitive market intelligence, market sizing, forecasting, procurement, and financial analysis. In her current role, Ira leads the market intelligence and research efforts for the firm.

Ira's expertise includes identifying industry best practices that enable both RealFoundations and its clients to make informed decisions, while supporting business strategies and tracking business development opportunities. Ira has worked with and established productive relationships with Fortune500 clients, globally.

Prior to joining RealFoundations in 2017, Ira held positions with Infosys, Frost & Sullivan and Global Data where she gained a strong acumen in business consulting & end-to-end project management.

Ira holds a Post Graduate degree from Birla Institute of Technology (BIT), Mesra.



Year of Passing: 2012

Satya Prakash Singh

Sr. Executive at Alkem Laboratories Ltd.

I have completed seven years of experience in quality assurance department of Pharma Industry. As of now working with Alkem Laboratories Limited. About exposure I have done over lean manufacturing optimization under guidance of Mckinsey. I was an active member of PACE program based on working of throughput improvement and SMED Concepts. I was awarded by MD Award in PACE excellence.



Year of Passing: 2012

Gayatri Rawat

Product Owner | Business Analysis

I am highly dynamic, business and technology solutions services enthusiast. I am Results-driven, motivated and client-focused (external and internal) with a blend of business analytics, client & internal technical team management.



Year of Passing: 2012

Rupal Srivastava

HR Executive at Stäubli Tec System India

An energetic and result oriented HR Executive with professional experience and working knowledge in talent acquisition, employee relationship management and conflict resolution. Skilled in complete employee lifecycle from recruitment, onboarding, employee engagement, payroll processing to exit interviews and transitions.

Perusing MBA- Masters in Business Administration focused in Human Resource Management from NMIMS, Mumbai.



Year of Passing: 2012

4. Rahul Vats (M. Pharm., Ph.D.)

Study Delivery Lead at GSK-India || ex Novartis

PhD with 13+ years of extensive experience in clinical development and operations.



Year of Passing: 2012

Mr. Obaid Ehsan
Sales Executive

à BRF, Lieu: Émirats Arabes Unis - Dubaï

- ♣ Responsible for managing and growing an AED 5 million client revenue base through existing and new accounts.
- ♣ Managing and developing mostly A&B grade super markets, restaurants and wholesalers.
- ♣ Gained steady growth in numeric distribution and revenue in my assigned territory through Value added and Innovation products
- ♣ Established many new accounts and generated addition revenue in new business.
- ♣ Managed relationship with over 110 accounts to drive sales growth in alignment with strategic plan.
- ♣ Maintained, updated and visited all the accounts as per route plan to strengthen customer loyalty and drive cross- selling opportunities.
- ♣ Executed complex strategic contractual negotiations at a senior level with existing accounts.
- ♣ Ability to demonstrate products and deliver effective sales presentations to win new business.



Year of Passing: 2013

Dr. Aman Mohan Mishra
Team Lead - Public Health Management & Leadership | Ex-WHO | Health System Strengthening | Universal Health Coverage India

I am a public health professional, with 9 years of professional experience at international, national, and sub-national levels providing technical support in public health sectoral reform initiatives. I hold a postgraduate degree in Epidemiology and Public Health from the National University of Ireland, Cork, and am skilled to manage various public health programs with strong skills in advocacy, implementation, commissioning, performance management, research analysis, and training. My interest lies in the domain of Health Systems Strengthening in the public health ecosystem which further leads to providing high-quality universal health coverage (UHC) and achieving Sustainable Development Goals(SDG).

As a Team Lead, I provide technical and analytical support to strengthening the health system in the state of Uttar Pradesh, India- with the Johns Hopkins Bloomberg School of Public Health. This is a broad project with planned and ongoing analytical and capacity-strengthening efforts in the fields of human resources for health, performance management, public health leadership, and other areas of health systems.

I have worked with various development partners like WHO, UNICEF, Bank of America, and the Bill Melinda Gates Foundation, where I have led various research studies, planning, and operations to help the Department of Health & Family Welfare in Comprehensive Primary Healthcare, Maternal & Child Health, Adolescent Health, Non-Communicable Diseases, support in the implementation of the health system and market analyses & WASH and in streamlining essential health services during and after the pandemic.



Year of Passing: 2013

Amandeep Mondal

Quality Analyst (Reviewer) at Wipro Limited, New Delhi.

8.6 Entrepreneurship Cell (5)

Total Marks 5.00

Faculty of Pharmacy, BBDNIIT has an entrepreneurship development cell which works in coordination with the BBDNIIT Alumni association in arranging workshops, guest lectures and industry interaction. It also creates entrepreneurship awareness in students in order to make them potential entrepreneur.

The main objective of the entrepreneurship cell is to create awareness, the growing need to be an entrepreneur and to develop a forum for potential entrepreneurs.

| S. No. | Name of Member | Designation |
|--------|---------------------------------|---------------------|
| 1 | Prof. (Dr.) Shailendra K. Saraf | Chairperson |
| 2 | Prof. (Dr.) Sanjiv K. Chaudhri | Placement In charge |
| 3 | Dr. Shekhar Singh | Member |
| 4 | Mr. Vimlesh Kumar | Member (Alumni) |
| 5 | Ms. Anushree Prakash | Member (Alumni) |

BBDNIIT society is entirely focused on to exploring job opportunities and training students accordingly. The institute has arranged guest lectures on **Skill Development** for Final Year B. Pharm and M. Pharm students in grooming their entrepreneurship skills. The highlights of the workshop include: -

- Building self-esteem.
- Helping students to understand basic grammar.
- Confidence building during presentation either alone or in group.
- Interview skills.
- Preparing students for the real world
 - a) Basic tips on intellectual skills.
 - b) Basic knowledge of money matters.

BBDNIIT Alumni members who are potential entrepreneurs of various sectors such as industries, wholesale and medical shops have been invited to discuss various opportunities and challenges as an entrepreneur. They have motivated our students in guiding them in planning process, exploring them to identify the risk in business, develop innovative skills and their applications in the changing market scenario.

List of Guest Lectures from BBDNIIT Alumni Entrepreneur Cell

CAY 2022-23

| S. No. | Date | Topic | Speaker Name and Designation | No. of Participants |
|--------|------------|--|--|---------------------|
| 1 | 13/03/2023 | Development of Visual Aids and Scientific Documents for Medical Representatives. | Dr. Ritu Yadav (Alumni) Executive- Scientific Affairs and Business, Aureate Healthcare, Delhi | 75 |
| 2 | 19/01/2023 | Channelizing your Pharmacy Degree towards lucrative Professional life. | Mr. Manish Kumar Singh (Alumni) Akums Drugs and Pharmaceutical Limited, Haridwar | 80 |
| 3 | 23/11/2022 | Importance of Profession Ready Training and Placement program. | Mr. Abhishek Chitranshi (Alumni) Artech Private Limited" Noida | 70 |
| 4 | 31/10/2022 | Current Trends in the Vaccine Development | Mr. Sachin Kumar Vishwakarma (Alumni) Project Associate CDRI- Lucknow | 85 |
| 5 | 5/9/2022 | Study & career opportunities in Pharmacy. | Mr. Shahzad Ahmad (Alumni) Territory Manager, Medley Pharmaceutical Ltd., Lucknow | 76 |

CAYm1: 2021-22:-

| S. No. | Date | Topic | Speaker Name and Designation | No. of Participants |
|--------|------------|---|--|---------------------|
| 1 | 27/2/2022 | Pharma Career Guidance | Ms. Roshni Varsney (Alumni) Drug safety associate Parexel International Pvt Ltd. Chandigarh | 95 |
| 2 | 01/12/2021 | Role of clinical Pharmacology in drug development | Kanchan Sharma (Alumni) Clinical project coordinator Labcorp drug development, Bangalore. | 88 |

| | | | | |
|---|-----------|--|--|-----|
| 3 | 5/11/2021 | Preparation Strategy for "GPAT-2022" | Mr. Chirag Jiaswar (Alumni) Research Scholar NIPER, Ahmedabad. | 125 |
| 4 | 05/9/2021 | Role of Pharmacist in current scenario | Harsh Singh (Alumni) Aristo Pharmaceuticals Limited | 76 |

CAYm2: 2020-21:-

| S. No. | Date | Topic | Speaker Name and Designation | No. of Participants |
|--------|------------|--|--|---------------------|
| 1 | 15/01/2021 | Online lecture on Handling of Manpower for better productivity | Ms. Pragya Mishra Associate Head Managing and Administration Department Glenmark Pharmaceutical, Baddi | 75 |
| 2 | 11/06/2021 | Online lecture on how to write papers for High Impact Journals | Ms. Ipsita Awasthi Scientific writing Senior Drug Safety Associate Accenture | 85 |

Impact of Entrepreneur Cell Alumni with industrial and wholesale background till date

| S. No. | Alumni Name (Entrepreneur) | Industry/Wholesale Shop | Place |
|--------|----------------------------|---|-----------------|
| 1. | Amit Kumar Vishwakarma | Running the School KDS Academy | Gorakhpur |
| 2. | Anurag Biswas | Running Gaming Company Zedi Esports Private Limited | Balrampur |
| 3. | Abhishek Chaudhary | Running the Medical Store "Ram Swaroop Medicals" | Barabanki |
| 4. | Satish Kumar | Running the Medical Store "Manoj Medical Store," | Sitapur |
| 5. | Amar Mani Tripathi | "Tripathi Medical Store" | Varanasi |
| 6. | Akshat Agarwal | Medical Store, Agency, GYM (Business) | Sitapur |
| 7. | Indra Kumar Prajapati | Medical Store, (Maa Gayatri Medical Store), | Bahraich |
| 8. | Neeraj Mishra | Running the "Inter College and School, CBSE School" | Khushinagar |
| 9. | Shivendra Verma | Running the Medical Store and Hospital "Neelkanth Hospital" | Raebareli |
| 10. | Vivek Kumar | Vivek Medical Store (Business), | Gorakhpur |
| 11. | Mohd Farhan | Defence Medicose (Retail and Wholesaler) | Lucknow |
| 12. | Manjoor Alam | Hind Medical and Surgical (Retail and Wholesaler) | Siddharthnagar |
| 13. | Manish Jaiswal | Jaiswal Hospital and Medicals | Varanasi |
| 14. | Rahul Singh Lodhi | Vishal Hospital, medicals and Surgicals (Retail and Wholesaler) | Kakori, Lucknow |



Outcome of Entrepreneurship Cell

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

Total Marks 10.00

Apart from the regular academic activities, the students are also involved in various extra- curricular and co - curricular activities. These activities are integrated and organized at inter- collegiate as well as intra-collegiate level which helps in shaping the overall personality of a student.

Co-Curricular activities:

Student Centric methods in teaching learning methods help in all round development of student's attitude, knowledge and professional skills. At BBDNIIT, Lucknow, the students are offered opportunity to get exposed to all types of learning. Experiential learning is experienced during industrial training, field trip, educational tour and hands-on training to develop professional skills. Students are motivated to participate in various co-curricular and curricular activities during National Pharmacy Week Celebrations. It includes student's participation in problem solving, poster presentation, scientific oral presentation and scientific advertisement making competition which make them to think innovatively. Also, students are encouraged to participate in research competitions like participation in Seminars and conferences indicate Participative learning.

Various innovative competitions are organized in institute in 'World Pharmacist Day'-25th September and National Pharmacy Week. All students are informed to participate in the events as a group or individual entry.

Students are encouraged to participate in various sports activities conducted at university level and national level tournaments. Our institute allows the students to participate in various sports activities and the celebration of National Pharmacy Week held at different places by organizing institutes. Student co-coordinators are appointed to channelize the various sports activities to Sports Faculty in charges.

Competition organized on occasion of '**World Pharmacist Day'-25th September 2022**. Students participated in a group of not more than eight students. Students select either of the following topics for participation.

1. Poster/ Flyer making competition -Role of Pharmacist in healthcare sector.
2. Pharma Model making competition.
3. Poster/ Flyer making competition - Herbal formulations/dietary supplements/ Nutraceuticals available in the market.
4. Preparing Label as per D and C Act for schedule H/G/X drug (any one).

QUALITY OF PROJECT MODELS (Working/Nonworking)

| S.N. | Name of models | Type | Quality | Student Name/Roll No. | Academic year/year |
|------|--|----------------|---------|---|------------------------------|
| 1 | Blood Flow Through Heart | Non-working | Good | Sampurna Nand Rai 2200560500075 | 2022-2023 B. Pharm I year |
| 2 | Systemic and Pulmonary Circulation | Non-working | Good | Divya Rai 2200560500038 | 2022-2023 B.Pharm I year |
| 3 | The Bronchial Tree | Non-working | Good | Tanya cahurasiya 2100560500094 | 2021-2022 B.Pharm I year |
| 4 | Conducting System of Heart | Non-working | Good | Aryan Patel 2100560500023 | 2021-2022 B.Pharm I year |
| 5 | Electrocardiograph. | Working | Good | Faishal, Girish Iyer 2100560500041, 43 | 2021-2022 B.Pharm I year |
| 6 | Fluidized Bed Dryer | Working | Good | Abhishek Rao, Mohd Adnan, Ranjana 1805650006, 1805650045, 1805650057 | 2021-2022 B.Pharm IV year |
| 7 | Human Heart | Non-working | Good | Ayush sachan 2100560500033 | 2021-2022 B.Pharm I year |
| 8 | Female Reproductive System | Non-working | Good | Aditya raj 2000560500006 | 2020-2021 B.Pharm I year |
| 9 | ECG | Non-working | Good | Ankit kumar 2000560500015 | 2020-2021 B.Pharm I year |
| 10 | Female Reproductive Cycle | Non-working | Good | Dixa Baudh 2000560500035 | 2020-2021 B.Pharm I year |
| 11 | Synthesis and Secretion of Thyroid Hormone | Non-working | Good | Krishna Agarwal 2000560500049 | 2020-2021 B.Pharm I year |
| 12 | Mechanism of respiration | Working | Good | Monica arora 2000560500056 | 2020-2021 B.Pharm I year |
| 13 | Human Respiratory System | Non-working | Good | Richa Vishwakarma 2000560500072 | 2020-2021 B.Pharm I year |



Creativity of Students in Museum Decoration

The celebration of National Pharmacy Week 2022 held at different places by organizing institutes.

| S.No. | Name of the Event | Name of Students | Rewards |
|-------|-------------------------|-------------------------------|--------------------------|
| 1. | Collage | Taroon Aditya and 5 others | Certification |
| 2. | Logo designing | Km Monee and 5 others | Certification |
| 3. | Notice board decoration | Sharmila Kaushal and 4 others | Certification |
| 4. | Notice board decoration | Seema Adhikari | 3 rd position |
| 5. | Notice board decoration | Pallavi Kaushadhan | 3 rd position |

| | | | |
|-----|--|-----------------------------------|--------------------------|
| 6. | Notice board decoration | Pradeep Singh | 3 rd position |
| 7. | Event pot decoration | Garima Singh Chauhan and 9 others | Certification |
| 8. | Carrom | Shivam Singh and 150 others | Certification |
| 9. | Carrom | Vishal Chaudhary | 1 st Position |
| 10. | Carrom | Aryan Patel | 2 nd position |
| 11. | Carrom | Bhanu Pratap Singh | 2 nd position |
| 12. | Quiz | Km Monee and 2 others | Certification |
| 13. | Quiz | Devendra | 1 st position |
| 14. | Pencil sketching and drawing | Seema Adhikari and 3 others | Certification |
| 15. | Best out of waste | Vaishali Kaushal and 6 others | Certification |
| 16. | Best out of waste | Durgesh Kumar Singh | 1 st position |
| 17. | Best out of waste | Sayed Zoya | 3 rd position |
| 18. | Best out of waste | Akansha Singh | 3 rd position |
| 19. | Best out of waste | Durgesh kumar Singh | 2 nd position |
| 20. | Glass painting | Sudikha Bharti and 1 other | Certification |
| 21. | Chess | Aditya Nath Prajapati | 2 nd position |
| 22. | Pot decoration | Garima Verma | 1 st position |
| 23. | Chess | Anupama Kumari and 3 others | Certification |
| 24. | Creative writing | Anupama Kumari | 2nd position |
| 25. | Quiz | Anupama Kumari and 2 others | Certification |
| 26. | Label designing | Anupama Kumari | 1 st Position |
| 27. | Label designing | Anita Patel | Certification |
| 28. | Notice board decoration | Anupama Kumari and 4 others | Certification |
| 29. | Notice board decoration | Pradeep Kumar Singh | 2 nd position |
| 30. | Notice board decoration | Pallavi Kausadhan | 2 nd position |
| 31. | Notice board decoration | Seema Adhikari | 2 nd position |
| 32. | Ludo | Shweta Singh and 9 others | Certification |
| 33. | Carrom | Bhanu Pratap Singh | 2 nd position |
| 34. | Notice board decoration | Anupama Kumari | 2 nd position |
| 35. | Label designing | Anupama Kumari | 1 st position |
| 36. | Notice board decoration | Anita Patel | 2 nd position |
| 37. | Rangoli, National pharmacy week | Durgesh Kumar Singh | 3 rd position |
| 38. | Rangoli, National pharmacy week | Pradeep Singh | Certification |
| 39. | Ludo | Vikas Jaiswal | 1 st position |
| 40. | Notice board decoration | Akriti Singh | Certification |
| 41. | Carom | Deeksha Tiwari | Certification |
| 42. | Chess, notice board decoration | Priyanka | Certification |
| 43. | Quiz, Debate | Vinay Kumar Yadav | Certification |
| 44. | Just three min | Umesh Kumar | 2 nd position |
| 45. | Logo designing Notice board decoration Label designing | Shwet Pandey | 3 rd position |
| 46. | Carom | Bhanu Pratap Singh | 2 nd position |
| 47. | Carom, Ludo | Ayushi Verma | Certification |
| 48. | Creative writing | Aditya Raj | Certification |

| | | | |
|-----|-------------------------|-------------|--------------------------|
| 49. | Notice board decoration | Divya Singh | 1 st position |
| | Best out of waste | | 2 nd position |
| | Collage | | 3 rd position |
| | Rangoli | | |
| 50. | Notice board decoration | Girish Iyer | 2 nd position |
| | Pot decoration | | 1 st position |
| | Quiz competition | | 1 st position |

Students are motivated to participate at national, international level competitions, conferences; students have participated and won prizes at national levels.

Participation in interstate and National level events by the students

| Sr. No. | Name of the Student | Activity | Organized By | Participation/Awards |
|---------|-------------------------|---|--|--|
| 1. | Aman Tiwari | AI-For-India event (Build a face recognition application using Python) | AI-For-India event (Build a face recognition application using Python) | Participated |
| 2. | Khushi Paliwal | Attended End-User Awareness session on 'Navigating e-Books on Cambridge Core' | Cambridge University Press through Nalanda E-Consortium | Participated |
| 3. | Mr. Abhishek Chitranshi | CliMed Pharma Quiz 2020 on World Pharmacist Day | CliMed Research Solution-India on 25/09/2020 | 2 nd Position |
| 4. | Mr. Abhishek Chitranshi | 5 days National level quiz program on "You must be the change you wish to see in the world" | Bharat Pharmaceutical Technology on 2 nd to 6 th Oct 2020 | Participated |
| 5. | Mr. Abhishek Chitranshi | "Pharmaceutical and Medical Device Innovation" Online course | Course authorized by University of Minnesota and offered through coursera on 22/12/2020 | Participated |
| 6. | Ms. Hriti Tejwani | "EnLabel-Label Making Competition" | DIPSAR, New Delhi on 59 th National Pharmacy week from 16-23 Nov 2020 | Participated |
| 7. | Mr. Abhishek Chitranshi | "International Symposium on Medication Therapy Management" | CliMed Research Solutions in collaboration with Indian Pharmaceutical Association, World Youth Heart Federation-India, and Association for Community Pharmacists in India on 2 nd -3 rd Jan 2021 | Participated/Member Organizing team support |
| 8. | Mr. Abhishek Chitranshi | "Certificate Course in Medical Complexity and Errors (CCMCE)*Duration-45 Days" | CliMed Research Solution-India on 05/Jan/2021 | Participated/Member-Organizing team support. |
| 9. | Ms. Saumya Maurya | "Introduction to Molecular Spectroscopy" | Course authorized by University of Minnesota and offered through Coursera on 03/09/2020. | Participated |
| 10. | Mr. Vaibhav Chaudhary | "Steps for Building Institutional Innovation System for Aatmanirbhar Bharat Abhiyaan" | Dr. A. P. J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow on 09/09/2020. | Participated |
| 11. | Mr. Vaibhav Chaudhary | Quiz on Vaccines Save Lives" | Ministry of Health & Family Welfare & MyGov | Participated |

| | | | | |
|-----|-------------------------|--|---|--------------|
| 12. | Mr. Abhishek Chitranshi | "Pharmaceutical and Medical Device Innovation" Online course | Course authorized by University of Minnesota and offered through coursera on 22/12/2020 | Participated |
|-----|-------------------------|--|---|--------------|

Participation in inter institute events by the students**CAY (2022-23):****Certificate for Extra Curricular Activity**

| Sr. No. | Name of the Student | Activity | Organized By | Participation/Awards |
|---------|--------------------------------|-----------------------------|--|--------------------------|
| 1 | Akriti Singh Deeksha Tiwari | Athletics, Kho-Kho | Dr. Abdul Kalam Sports Fest 2022-23 Organized by BBD College, Lucknow on 21-23 Nov 2022. | 1 st Position |
| 2 | Girish Iyer | NPW, Quiz competition | BBDNIIT and BBDU, Lucknow on 21-23 Nov 2022. | 1 st Position |
| 3 | Divya Singh | NPW-best out of waste | BBDNIIT and BBDU, Lucknow on 21-23 Nov 2022. | 2 nd Position |
| 4 | Divya Singh | NPW-notice board decoration | BBDNIIT and BBDU, Lucknow on 21-23 Nov 2022. | 1 st Position |

CAYm1(2021-22):

| Sr. No. | Name of the Student | Activity | Organized By | Participation/Awards |
|---------|-----------------------------------|--|--|--------------------------|
| 1. | Aman Tiwari | AI-For-India event (Build a face recognition application using Python) | AI-For-India event (Build a face recognition application using Python) | Participated |
| 2. | Khushi Paliwal | Attended End-User Awareness session on "Navigating E-Books on Cambridge Core" | Cambridge University Press through Nalanda E-Consortium | Participated |
| 3. | Umesh Kumar | National pharmacy week- Just three min | BBDNIIT/BBDU, Lucknow on Nov 2021. | 2 nd Position |
| 4. | Bhanu Pratap Singh | National pharmacy week- carom | BBDNIIT/BBDU, Lucknow on Nov 2021. | 2 nd Position |
| 5. | Nikita Gupta | Blood donation | Amar Ujala Foundation in Lohiya Hospital On 01/12/2021 | Participated |
| 6. | Rajshri Yadav (B. Pharm III year) | Role of Pharmaceutical Sciences in Pandemic Era" Transformation & Survival in Post-International Conference 2022 | organized by Dr APJ Abdul Kalam Technical University, Uttar Pradesh, Lucknow | Certification |

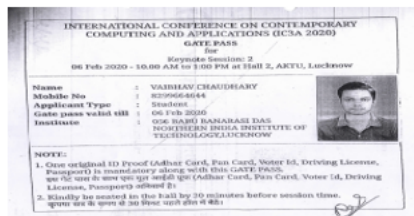
CAYm1(2020-21):

| Sr. No. | Name of the Student | Activity | Organized By | Participation/Awards |
|---------|---------------------|---|--|--------------------------|
| 1. | Aman Tiwari | AI-For-India event (Build a face recognition application using Python) | AI-For-India event (Build a face recognition application using Python) | Participated |
| 2. | Khushi Paliwal | Attended End-User Awareness session on 'Navigating e-Books on Cambridge Core' | Cambridge University Press through Nalanda E-Consortium | Participated |
| 3. | Umesh Kumar | National pharmacy week- Just three min | BBDNIIT/BBDU, Lucknow on Nov 2021. | 2 nd Position |

CAYm2(2020-21):-

| Sr. No. | Name of the Student | Activity | Organized By | Participation/Awards |
|---------|-------------------------|---|---|--|
| 1 | Mr. Vaibhav Chaudhary | "Role of Intellectual Property Protection in Aatmanirbhar Bharat Abhiyaan" | Dr. A. P. J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow on 18/08/2020 | Participated |
| 2 | Mr. Vaibhav Chaudhary | "International Webinar on Nanotechnology: Introduction and Application in Wood Products Research" | RKGIT, Ghaziabad, U.P. on 18/08/2020 | Participated |
| 3 | Ms. Saumya Maurya | "Introduction to Molecular Spectroscopy" | Course authorized by University of Minnesota and offered through Coursera on 03/09/2020. | Participated |
| 4 | Mr. Vaibhav Chaudhary | "Steps for Building Institutional Innovation System for Aatmanirbhar Bharat Abhiyaan" | Dr. A. P. J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow on 09/09/2020. | Participated |
| 5 | Mr. Vaibhav Chaudhary | "Altered Lifestyle: Neurological and Cardiovascular Complications" | NIPER-Ahmedabad on 11/09/2020 | Participated |
| 6 | Mr. Abhishek Chitranshi | CliMed Pharma Quiz 2020 on World Pharmacist Day | CliMed Research Solution-India on 25/09/2020 | 2 nd Position |
| 7 | Mr. Abhishek Chitranshi | 5 days National level quiz program on "You must be the change you wish to see in the world" | Bharat Pharmaceutical Technology on 2 nd to 6 th Oct 2020 | Participated |
| 8 | Ms. Anupama Kumari | "Poster making competition" | Department of Chemistry in association with Association of Chemistry North Zone, Lucknow on 14/10/2020 | 3 rd Prize |
| 9 | Ms. Hriti Tejwani | "EnLabel-Label Making Competition" | DIPSAR, New Delhi on 59 th National Pharmacy week from 16-23 Nov 2020 | Participated |
| 10 | Mr. Abhishek Chitranshi | "Pharmaceutical and Medical Device Innovation" Online course | Course authorized by University of Minnesota and offered through coursera on 22/12/2020 | Participated |
| 11 | Mr. Abhishek Chitranshi | "International Symposium on Medication Therapy Management" | CliMed Research Solutions in collaboration with Indian Pharmaceutical Association, World Youth Heart Federation-India, and Association for Community Pharmacists in India on 2 nd , 3 rd Jan 2021 | Participated/Member Organizing team support |
| 12 | Mr. Abhishek Chitranshi | "Certificate Course in Medical Complexity and Errors (CCMCE)"/Duration-45 Days | CliMed Research Solution-India on 05/Jan/2021 | Participated/Member-Organizing team support. |

| | | | | |
|----|-----------------------|--|---|--------------|
| 13 | Mr. Vaibhav Chaudhary | Social Business Opportunities & Youth Entrepreneurship | Entrepreneurship Development Cell, BBDNIIT, Lucknow, 09/01/2021 | Participated |
| 14 | Mr. Vaibhav Chaudhary | Quiz on Vaccines Save Lives" | Ministry of Health & Family Welfare & MyGov | Participated |



Certificate of Student in National & International Events

Faculty and students actively participate in celebration of National Pharmacy Week. Various activities are conducted during this celebration such as :-

- Organizing and participation to generate widespread awareness and educate the public on various issues such as safe and effective use of medicines, role of pharmacist as a healthcare provider, good hygiene practices in developing community health, AIDS awareness, importance of tree plantation, etc.
- Health care professionals and experts from Industry deliver lectures to students motivate and encourage ethical practicing of Pharmacy profession.
- Free dental check-up camp is arranged every year for all to mark the celebration of National Pharmacy Week.
- Students give a positive message to society by actively contributing in blood donation arranged by institute during Blood Donation Camp.
- Different sports events and cultural fests are organized and coordinated by BBDNIIT among participating Degree and PG students. Participation of students in sports and cultural events provides a good platform to proliferate their leadership, communication skills and helps them to develop excellent team work at inter collegiate and intra collegiate level.

Under the guidance of our teachers, various sports events like Carrom, Chess, Badminton, Cricket, Kho-Kho, Throw-Ball, Volley-Ball, Badminton, Table Tennis and Swimming were conducted in 2021-22. Apart from sports activities other extra- curricular events are also organized such as Debate, Drawing, Quiz, Problem Solving, Elocution, singing (Solo and Group), Poster and Scientific oral presentations, Fancy Dress Competition, Model Making, Scientific Rangoli and Scientific Advertisements.

Detail activities conducted in last three years along with its outcome are listed below. Annual Report about the workshops and activities conducted to create awareness.



Sapling Plantation, Rangoli, Blood Donation Camp



Dental Checkup Camp, Creativity of students in Notice Board Decoration, Prize Distribution

CAY (2022-2023)

| S. No. | Name of student | Batch | Participation | Year |
|--------|-----------------------------------|-------------------|--|------|
| 1. | Taroon Aditya and 2 others | B.Pharm IV year | Collage, National Pharmacy Week | 2022 |
| 2. | Balkesh Kumar and 2 others | B.Pharm. II year | Collage, National Pharmacy Week | 2022 |
| 3. | Km Monee and 5 others | B.Pharm. III year | Logo designing, National Pharmacy Week | 2022 |
| 4. | Sharmila Kaushal and 2 others | M.Pharm II year | Notice board decoration, National Pharmacy Week | 2022 |
| 5. | Ram Ji Mishra and 1 other | B.Pharm IV year | Notice board decoration, National Pharmacy Week | 2022 |
| 6. | Seema Adhikari | B.Pharm IV year | Notice board decoration, National Pharmacy Week (3 rd position) | 2022 |
| 7. | Pallavi kaushadhan | B.Pharm IV year | Notice board decoration, National Pharmacy Week (3 rd position) | 2022 |
| 8. | Pradeep Singh | B.Pharm IV year | Notice board decoration, National Pharmacy Week (3 rd position) | 2022 |
| 9. | Garima Singh Chauhan and 3 others | M.Pharm II year | Event pot decoration, National Pharmacy Week | 2022 |
| 10. | Sakshi kant and 2 others | B.Pharm IV year | Event pot decoration, National Pharmacy Week | 2022 |
| 11. | Mohd Zubair and 2 others | B.Pharm. III year | Event pot decoration, National Pharmacy Week | 2022 |
| 12. | Shivam Singh | B.Pharm IV year | Carrom, National Pharmacy Week | 2022 |

| | | | | |
|-----|-------------------------------|-------------------|--|-------------------------------|
| 13. | Balkesh Kumar and 150 others | B.Pharm. II year | Carrom, National Pharmacy Week | 2022 |
| 14. | Vishal Chaudhary | B.Pharm. III year | Carrom, National Pharmacy Week (1 st position) | 2022 |
| 15. | Aryan Patel | B.Pharm. II year | Carrom, National Pharmacy Week (2 nd position) | 2022 |
| 16. | Km Monee | B.Pharm. III year | Quiz, National Pharmacy Week | 2022 |
| 17. | Anshu Shukla | B.Pharm. IV year | Quiz, National Pharmacy Week | 2022 |
| 18. | Ram Ji Mishra | B.Pharm. IV year | Quiz, National Pharmacy Week | 2022 |
| 19. | Devendra | B.Pharm. II year | Quiz, National Pharmacy Week (1 st position) | 2022 |
| 20. | Seema Adhikari and 1 other | B.Pharm. IV year | Pencil sketching and drawing, National Pharmacy Week | 2022 |
| 21. | Priyesh Kumar Gond | B.Pharm. III year | Pencil sketching and drawing, National Pharmacy Week | 2022 |
| 22. | Vaishali Kaushal and 2 others | B.Pharm. IV year | Best out of waste, National Pharmacy Week | 2022 |
| 23. | Durgesh Kumar singh | B.Pharm. IV year | Best out of waste, National Pharmacy Week (1 st position) | 2022 |
| 24. | Rohan Sharma | B.Pharm. III year | Best out of waste, National Pharmacy Week | 2022 |
| 25. | Dixa Baudh | B.Pharm. III year | Best out of waste, National Pharmacy Week | 2022 |
| 26. | Sayed Zoya | B.Pharm. II year | Best out of waste, National Pharmacy Week (3 rd position) | 2022 |
| 27. | Akansha Singh | B.Pharm. II year | Best out of waste, National Pharmacy Week (3 rd position) | 2022 |
| 28. | Durgesh Kumar Singh | B.Pharm. IV year | Best out of waste, National Pharmacy Week (2 nd position) | 2022 |
| 29. | Sudikha Bharti | B.Pharm. IV year | Glass painting, National Pharmacy Week | 2022 |
| 30. | Ayushi Verma | B.Pharm. III year | Glass painting, National Pharmacy Week | 2022 |
| 31. | Aditya Nath Prajapati | B.Pharm. IV year | Chess, National Pharmacy Week (2 nd position) | 2022 |
| 32. | Garima Verma | B.Pharm II year | Pot decoration, National Pharmacy Week (1 st position) | 2022 |
| 33. | Sakshi Kant | B.Pharm II year | Quiz | 2022 |
| 34. | Akriti Singh and 5 others | B.Pharm. III year | Athletics, kho-kho at Dr Abdul Kalam Sports Fest, Sr institute of Management and Technology, Lucknow | 2022 |
| 35. | Vikas Jaiswal | B.Pharm. III year | National pharmacy week- ludo (1 position) | Nov, 2022 |
| 36. | Deeksha Tiwari | B.Pharm. III year | 1. National pharmacy week- (carom, ludo) 2. Dr Abdul Kalam Sports Fest 2022-23 (Athletics, Kho-Kho) | Nov, 2021 14-15 Sept, 2022 |
| 37. | Divya Singh | B.Pharm. IV year | - National pharmacy week- notice board decoration, secured 1 st position - Best out of waste, secured 2 nd position - Collage, secured 2 nd position - Rangoli, secured 3 rd position - As a volunteer | Nov 22-21 |

CAY m1(2021-2022)

| S.No | Name of student | Batch | Co-curricular Activities | Year |
|------|-----------------|-----------------|--|------|
| 1 | Sakshi Kant | B.Pharm II year | Blood donation for critical contribution during COVID-19 | 2021 |

| | | | | |
|----|-----------------------------|-------------------|---|------|
| 2 | Anupama kumari | B.Pharm. III year | Chess, National Pharmacy Week | 2021 |
| 3 | Km Priyanka and 2 others | B.Pharm II year | Chess, National Pharmacy Week | 2021 |
| 4 | Anupama Kumari | B.Pharm. III year | Creative writing, National Pharmacy Week (2 nd position) | 2021 |
| 5 | Anupama Kumari | B.Pharm. III year | Quiz, National Pharmacy Week | 2021 |
| 6 | Km Monee | B.Pharm. II year | Quiz, National Pharmacy Week | 2021 |
| 7 | Anita Patel | B.Pharm III year | Quiz, National pharmacy week | 2021 |
| 8 | Anupama Kumari | B.Pharm. III year | Label designing, National Pharmacy Week (1 st position) | 2021 |
| 9 | Anita Patel | B.Pharm. III year | Label designing, National Pharmacy Week | 2021 |
| 10 | Anupama Kumari | B.Pharm. III year | Notice board decoration, National Pharmacy Week | 2021 |
| 11 | Akriti Singh | B.Pharm. II year | Notice board decoration, National Pharmacy Week | 2021 |
| 12 | Km Monee | B.Pharm. II year | Notice board decoration, National Pharmacy Week | 2021 |
| 13 | Pradeep Kumar Singh | B.Pharm. III year | Notice board decoration, National Pharmacy Week (2 nd position) | 2021 |
| 14 | Pallavi Kausadhan | B.Pharm. III year | Notice board decoration, National Pharmacy Week (2 nd position) | 2021 |
| 15 | Anita Patel | B.Pharm. III year | Notice board decoration, National Pharmacy Week | 2021 |
| 16 | Seema Adhikari | B.Pharm. III year | Notice board decoration, National Pharmacy Week (2 nd position) | 2021 |
| 17 | Shweta Singh | B.Pharm. II year | Notice board decoration, National Pharmacy Week | 2021 |
| 18 | Shweta Singh and 100 others | B.Pharm. II year | Ludo, National Pharmacy Week | 2021 |
| 19 | Ayushi Verma And 150 others | B.Pharm. II year | Carrom, National Pharmacy Week | 2021 |
| 20 | Bhanu Pratap Singh | B.Pharm. II year | Carrom, National Pharmacy Week (2 nd position) | 2021 |
| 21 | Aman Tiwari | B.Pharm. III year | Build a face recognition application using python as a part of AI-For-India event | 2021 |
| 22 | Richa Vishwakarma | B.Pharm II year | Theme poster, National Pharmacy Week | 2021 |
| 23 | Rahul Tiwari | B.Pharm. III year | Just three minutes, National Pharmacy Week (2 nd position) | 2021 |
| 24 | Vishal Chaudhary | B.Pharm. II year | Just three minutes, National Pharmacy Week | 2021 |
| 25 | Vikas kumar Yadav | B.Pharm III year | Discuss throw and athletics at Dr Abdul Kalam Sports Fest at Shri Ram Swaroop memorial institute of Engg. And management, Lucknow | 2021 |



Participation of Students in National Pharmacy Week & Prize Distribution

CAYm2(2020-21): -

| Sr.No. | Name of the Student | Activity | Organized By | Participation/Awards |
|--------|--|---|--|----------------------|
| 1. | Mr. Vaibhav Chaudhary (B.Pharm II year) | "International Conference on Contemporary Computing and Applications (IC3A 2020)" | Dr. A. P. J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow on 06/02/2020. | Participated |

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|-----|--|---|--|--------------------------|
| 2. | Mr. Vaibhav Chaudhary (B.Pharm II year) | "Enhancing Soft Skills and Personality" | NPTEL Online Certification on Feb-Apr 2020 | Passed/Scored 95% |
| 3. | Ms. Saumya Maurya (B.Pharm II year) | "Drug Discovery" | Course authorized by University of Minnesota and offered through coursera on 14/08/2020. | Participated |
| 4. | Mr. Vaibhav Chaudhary (B.Pharm II year) | "Role of Intellectual Property Protection in Aatmanirbhar Bharat Abhiyaan" | Dr. A. P. J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow on 18/08/2020 | Participated |
| 5. | Mr. Vaibhav Chaudhary (B.Pharm II year) | "International Webinar on Nanotechnology: Introduction and Application in Wood Products Research" | RKGIT, Ghaziabad, U.P. on 18/08/2020 | Participated |
| 6. | Ms. Saumya Maurya (B.Pharm II year) | "Introduction to Molecular Spectroscopy" | Course authorized by University of Minnesota and offered through Coursera on 03/09/2020. | Participated |
| 7. | Mr. Vaibhav Chaudhary (B.Pharm II year) | "Steps for Building Institutional Innovation System for Aatmanirbhar Bharat Abhiyaan" | Dr. A. P. J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow on 09/09/2020. | Participated |
| 8. | Mr. Vaibhav Chaudhary (B.Pharm II year) | "Altered Lifestyle: Neurological and Cardiovascular Complications" | NIPER-Ahmedabad on 11/09/2020 | Participated |
| 9. | Mr. Abhishek Chitranshi (B.Pharm II year) | CliMed Pharma Quiz 2020 on World Pharmacist Day. | CliMed Research Solutions-India on 25/09/2020. | 2 nd Position |
| 10. | Mr. Abhishek Chitranshi (B.Pharm II year) | 5 days National level quiz program on "You must be the change you wish to see in the world" | Bharat Pharmaceutical Technology on 2 nd to 6 th Oct 2020. | Participated |
| 11. | Ms. Anupama Kumari | "Poster making competition" | Department of Chemistry in association with Association of Chemistry, North Zone, Lucknow on 14/10/2020. | 3 rd Prize |
| 12. | Ms. Hriti Teiwani (B.Pharm II year) | "EnLabel-Label Making Competition" | DIPSAR, New Delhi on 59 th National Pharmacy week from 16-23 Nov 2020. | Participated |
| 13. | Mr. Abhishek Chitranshi (B.Pharm II year) | "Pharmaceutical and Medical Device Innovation" Online course | Course authorized by University of Minnesota and offered through coursera on 22/12/2020. | Participated |

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| 14. | Mr. Abhishek Chitranshi (B.Pharm II year) | "International Symposium on Medication Therapy Management" | CliMed Research Solutions in collaboration with Indian Pharmaceutical Association, World Youth Heart Federation-India, and Association for Community Pharmacists in India on 2 nd -3 rd Jan 2021. | Participated/Member-Organizing team support. |
| 15. | Mr. Abhishek Chitranshi (B.Pharm II year) | "Certificate Course in Medical Complexity and Errors (CCMCE)" Duration- 45 Days | CliMed Research Solutions-India on 05/Jan/2021. | Certificate Programme. |
| 16. | Mr. Vaibhav Chaudhary (B.Pharm II year) | "Social Business Opportunities & Youth Entrepreneurship" | Entrepreneurship Development Cell, BBDNIIT, Lucknow on 09/01/2021. | Participated |
| 17. | Mr. Vaibhav Chaudhary (B.Pharm II year) | "Quiz on Vaccines Save Lives" | Ministry of Health & Family Welfare & MyGov. | Participated |
| 18. | Sakshi Kant | Essay writing competition, Wild life week fiesta | Dept of chemistry in association with association of chemistry teachers, north zone, Lucknow | Participated |
| 19. | Anupama Kumari | Essay writing competition, Wild life week fiesta | Dept of chemistry in association with association of chemistry teachers, north zone, Lucknow | Participated |

CAYm2(2020-21):-

| Sr.No. | Name of the Student | Activity | Organized By | Participation/Awards |
|--------|--|---|--|----------------------|
| 1. | Mr. Vaibhav Chaudhary (B.Pharm II year) | "International Conference on Contemporary Computing and Applications (IC3A 2020)" | Dr. A. P. J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow on 06/02/2020. | Participated |
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| 4. | Mr. Vaibhav Chaudhary (B.Pharm II year) | "Role of Intellectual Property Protection in Aatmanirbhar Bharat Abhiyaan" | Dr. A. P. J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow on 18/08/2020 | Participated |
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| 8. | Mr. Vaibhav Chaudhary (B.Pharm II year) | "Altered Lifestyle: Neurological and Cardiovascular Complications" | NIPER-Ahmedabad on 11/09/2020 | Participated |
| 9. | Mr. Abhishek Chitranshi (B.Pharm II year) | CliMed Pharma Quiz 2020 on World Pharmacist Day. | CliMed Research Solutions-India on 25/09/2020. | 2 nd Position |
| 10. | Mr. Abhishek Chitranshi (B.Pharm II year) | 5 days National level quiz program on "You must be the change you wish to see in the world" | Bharat Pharmaceutical Technology on 2 nd to 6 th Oct 2020. | Participated |
| 11. | Ms. Anupama Kumari | "Poster making competition" | Department of Chemistry in association with Association of Chemistry, North Zone, Lucknow on 14/10/2020. | 3 rd Prize |
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|-----|--|---|---|--|
| 14. | Mr. Abhishek Chitranshi (B.Pharm II year) | "International Symposium on Medication Therapy Management" | CliMed Research Solutions in collaboration with Indian Pharmaceutical Association, World Youth Heart Federation-India, and Association for Community Pharmacists in India on 2 nd -3 rd Jan 2021. | Participated/Member-Organizing team support. |
| 15. | Mr. Abhishek Chitranshi (B.Pharm II year) | "Certificate Course in Medical Complexity and Errors (CCMCE)"/ Duration- 45 Days | CliMed Research Solutions-India on 05/Jan/2021. | Certificate Programme. |
| 16. | Mr. Vaibhav Chaudhary (B.Pharm II year) | "Social Business Opportunities & Youth Entrepreneurship" | Entrepreneurship Development Cell, BBDNIIT, Lucknow on 09/01/2021. | Participated |
| 17. | Mr. Vaibhav Chaudhary (B.Pharm II year) | "Quiz on Vaccines Save Lives" | Ministry of Health & Family Welfare & MyGov. | Participated |
| 18. | Sakshi Kant | Essay writing competition, Wild life week fiesta | Dept of chemistry in association with association of chemistry teachers, north zone, Lucknow | Participated |
| 19. | Anupama Kumari | Essay writing competition, Wild life week fiesta | Dept of chemistry in association with association of chemistry teachers, north zone, Lucknow | Participated |

AY m3(2019-2020): -

| S.No | Name of the Student | Batch | Activities/competitions/Workshops | Year |
|------|---------------------------------|-----------------|--|----------------|
| 1. | Anupama Kumari | B.Pharm II year | Notice board decoration, National pharmacy week (2 nd position) | 2019 |
| 2. | Anupama Kumari | B.Pharm II year | Label designing, National pharmacy week (1 st position) | 2019 |
| 3. | Anita Patel | B.Pharm II year | Notice board decoration, National pharmacy week (2 nd position) | 2019 |
| 4. | Durgesh Kumar Singh | B.Pharm II year | Rangoli, National pharmacy week (3 rd position) | 2019 |
| 5. | Pradeep Singh | B.Pharm II year | Rangoli, National pharmacy week | 2019 |
| 6. | Seema Adhikari | B.Pharm II year | Blood donation at Dr Ram Manohar Lohia combined Hospital | 2019 |
| 7. | Divya Singh and 8 others | B.Pharm II year | Workshop on rheology and particle characterization | 2019 |
| 8. | Manish Kumar Singh and 5 others | M.Pharm II year | Workshop on characterization of nanomaterials at CSIR-Indian Institute of Toxicology Research, Lucknow | 20-22 Feb 2019 |

a-Curricular Activities: -2022-23

| S.No. | Year | Topic/Subjects | Recourse person and affiliation |
|-------|------------|---------------------------|---|
| 1 | 05/09/2022 | Teacher's day celebration | BBDNIIT, Lucknow |
| 2 | 25/09/2022 | World Pharmacist Day | BBDNIIT, Lucknow |
| 3 | 25/09/2022 | Tree plantation | Dept of Pharmacognosy, BBDNIIT, Lucknow |

| Sr. No. | Topic of Seminar/ Discussion/Activity |
|---------|---|
| 1. | One Day workshop on Personality development |
| 2. | Health checkup Camp for students |
| 3. | Immunity Boosting Workshop |
| 4. | Webinar on fitness for healthy well being |

Extra-Curricular Activities: - 2021-22

| S.No. | Year | Topic/Subjects | Resource person and affiliation |
|-------|------------|---------------------------|---|
| 1 | 05/09/2021 | Teacher's day celebration | BBDNIIT, Lucknow |
| 2 | 25/09/2021 | World Pharmacist Day | BBDNIIT, Lucknow |
| 3 | 25/09/2021 | Tree plantation | Dept of Pharmacognosy, BBDNIIT, Lucknow |

| Sr. No. | Topic of Seminar/ Discussion/Activity |
|---------|---|
| 1 | One Day workshop on Personality development |
| 2 | Health checkup Camp for students |
| 3 | Immunity Boosting Workshop |
| 4 | Webinar on fitness for healthy well being |

Extra-Curricular Activities: - 2020-21

| S.No. | Year | Topic/Subjects | Venue |
|-------|------------|---------------------------|--------|
| 1 | 05/09/2020 | Teacher's day celebration | Online |
| 2 | 25/09/2020 | World Pharmacist Day | Online |

Student Development Activities (2022-23): -

| Sr. No. | Name of the Activity | Nature of Activity | Students Participation |
|---------|-------------------------|---|------------------------|
| 1 | Health Checkup Camp | General Health Check-up conducted | All Students |
| 2 | Personality Development | Conducted expert talk | All Students |
| 3 | Fearless Girl Campaign | Girls are allowed to attend guest lecturers to develop self-defense, to build self-confidence and personal | All girl students |
| 4 | Tree Plantation Drive | Tree plantation drive conducted by our institute. | All Students |
| 5 | Cyber Security by | To create awareness among students about internet banking and security on various social sites. | All girl students |
| 6 | National Integrity | Pledge taken on the National Integrity Day | All Students |
| 7 | Swachh Bharat Abhiyaan | Campus as well as nearby premises are cleaned by conducting cleanliness drive and rally arranged to create importance of cleanliness in community healthcare. | All Students |

| | | | |
|---|------------------------|--|--------------|
| 8 | International yoga Day | Pranayama, Meditation with other health related activities | All Students |
|---|------------------------|--|--------------|



Swachh Bharat Abhiyaan



International Yoga Day

9 GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES (100)

Total Marks 100.00

9.1 Organization, Governance and Transparency (50)

Total Marks 50.00

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

Institute Marks : 10.00

The following aspects are dealt and recorded below under different headings, for governance and transparency.

A. Governing Council

B. Organizational chart

C. Rules, procedures, recruitment and promotional policies.

The details are as follows:

A) The Governing Council

| S. No. | Name of the Person | Designation | Post-holding in the Governing Council |
|--------|-----------------------------------|---|---|
| 1. | Mrs. Alka Das | Chairperson | Chairperson, BBD Educational Group |
| 2. | Ms. Sonakshi Das | Vice-President, BBD Group | Member nominated by BBD Educational Group |
| 3. | Mr. R.K. Agarwal | Chief Executive Director, BBD Educational Group | Member nominated by BBD Educational Group |
| 4. | Dr. Sudharma Singh | Educationist | Member nominated by BBD Educational Group |
| 5. | Mr. Viraj Sagar Das | Expert Member (Industry) | Member nominated by BBD Educational Group |
| 6. | Mr. Amit Srivastava | Expert Member (Industry) | Member |
| 7. | Dr. Rajiv Gupta | Expert Member (Academics), Dean, BBDU | Member |
| 8. | Prof. (Dr.) Shailendra K. Saraf | Director (Pharmacy), BBDNIIT | Convener |
| 9. | Prof. (Dr.) Ravi Khare | Professor, BBDNIIT | Member |
| 10. | Prof. (Dr.) Sanjiv Kumar Chaudhri | Professor, BBDNIIT | Member |

Powers and Functions of the Governing Council :

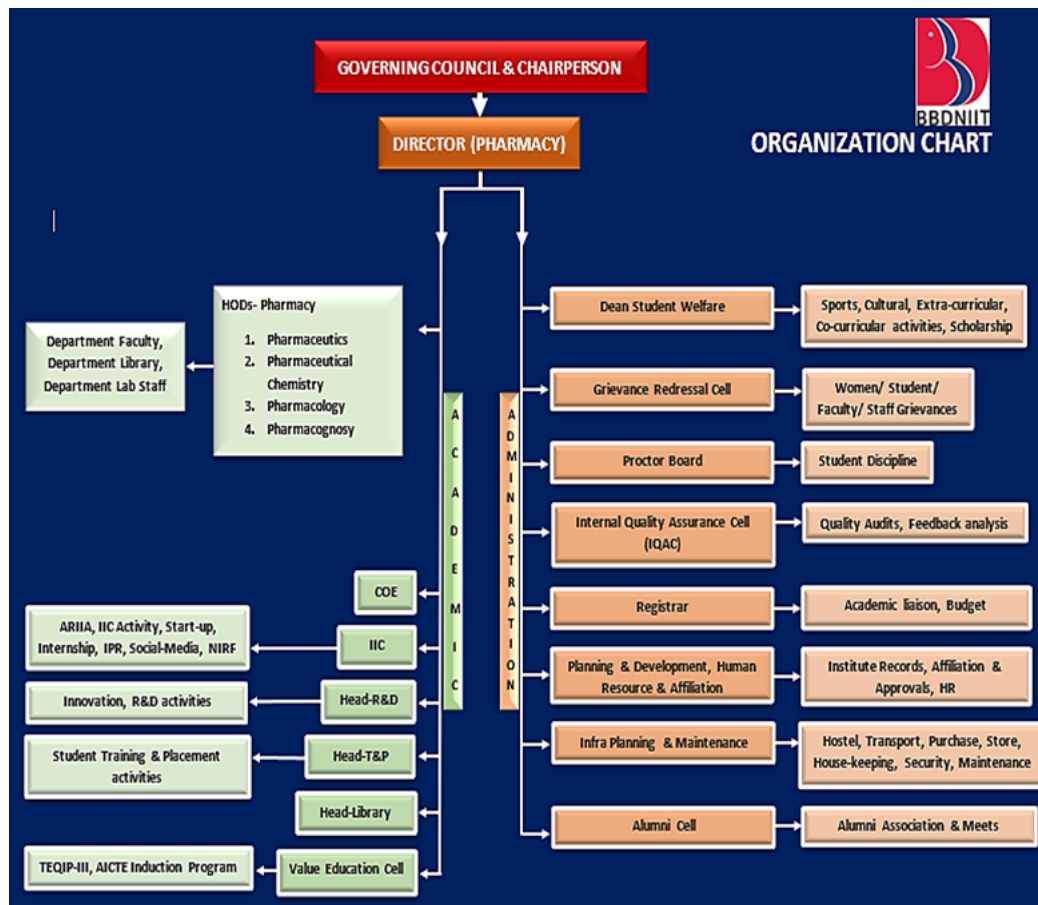
The Governing Council, besides being the supreme administrative authority of the college, shall have the following additional functions:

- i. To monitor the academic and other- related activities of the institute.
- ii. To consider the recommendations of the staff selection committee.
- iii. To consider the important communications, policy decisions received from the University, Government, AICTE etc.
- iv. To monitor the development programs of students and faculty.
- v. To make recommendations on the planning and monitoring the institute
- vi. Fixation of the fee and other charges that are payable by the students to the college based on the recommendations of the Fees Regulating Authority, Govt. of Uttar Pradesh.
- vii. Institute scholarships, fellowships, studentships, medals, prizes and Certificates.
- viii. Approve the institution's new programs of study.
- ix. Perform such other as may be necessary and deemed fit for the proper development and fulfil the objectives of the institute.
- x. To pass the annual budget of the institute.
- xi. To check the audited income and expenditure accounts and approve the same for the institute annually.

Scheduled Meetings of the Governing Body:

| Session | Dates of Meeting |
|---------|------------------|
| 2023-24 | 12/07/2023 |
| 2022-23 | 15/07/2022 |
| | 08/12/2022 |

B) The organization chart of the Institution



C) Defined rules, procedures, recruitment, and promotional policies, etc.

Following Acts and Rules are adopted as guidelines for procedures, recruitment, promotional policies, code of conduct issued from time to time by the regulatory bodies:

- AICTE Norms
- Rules for Affiliation by AKTU, Lucknow
- All other applicable state/central government rules/regulations (UGC)
- Rules and By-laws of Society
- Norms of Pharmacy Council of India (PCI)

EMPLOYEE PERFORMANCE APPRAISALS & PROMOTIONS

Performance Evaluations – Periodic evaluations may be made to determine the individual progress, training needs, and potential pay increases. Pay increases depend on factors such as the staff member's demonstrated job proficiency and the Institute's ability to pay.

Faculty Appraisal

The faculty performance in academics is evaluated every semester. The academic performance is evaluated using the following parameters,

1. Teaching Performance
2. Continuing Education
3. Organizing Program
4. Research Activities and Publications
5. Memberships & Distinguished Achievement
6. Service to College, Department, and Students

Promotions Policy

The chance to progress is important to each of us. By promoting from within our organization, when present employees are qualified and justified by our institute's needs and growth, the institute offers as many opportunities for advancement as possible.

- Promotion will be on the basis of "Performance Based Evaluation".
- Performance will be evaluated objectively against standards and targets.
- Evaluation will be undertaken every year.
- Evaluation for promotion from entry-level to next level will be considered only after two years of service at the entry-level, taking into account the performance in retrospect for the previous years. That is every year one has to perform in accordance with the target fixed for that level.
- Minimum requirement for promotion is 90% of the total marks specified for each level.
- If one achieves the targets fixed for a higher cadre, he/she can claim for promotion to that level.
- If one does not opt for promotion to the next level, he or she has to meet the targets specified for that level every year to continue in service.
- If targets are not achieved to continue in service, then the discretion of the Management shall be final.

Career Advancement Scheme (CAS)

The institute offers its employees the opportunity for self-growth under the Career Advancement Scheme. Employees fulfilling the requirements are eligible for promotion after successfully clearing the CAS process. The CAS details are available separately.

List of faculty members promoted from July 2019 to till date:

| S.No. | Name of Teaching Staff | Promotion (From July 2020) |
|-------|---------------------------|----------------------------|
| 1. | Dr. Sanjiv Kumar Chaudhri | Professor |
| 2. | Dr. Gul Naz Fatima | Professor |
| 3. | Dr. Priyanka Maurya | Professor |
| 4. | Ms. Neelam Datt | Associate Professor |
| 5. | Mr. Vishwambhar Mishra | Associate Professor |
| 6. | Ms. Pallavi Tripathi | Associate Professor |
| 7. | Ms. Geeta Mishra | Associate Professor |
| 8. | Dr. Vishakha Jaiswal | Associate Professor |
| 9. | Dr. Ila Dixit | Associate Professor |

Promotion Policy for Non-Teaching Staff: Promotions are on basis of performance/seniority.

A) Redressal Committee

Internal Complaints Committee (ICC) For Women

Every individual deserves a workplace that is safe and secure. Also, basic respect is expected in any workplace by every individual. The government of India promulgated the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 on 9 December 2013 which superseded Apex Court's Vishaka Guidelines of 1997. The Act lay down a grievance redressal mechanism that mandates all educational institutions set up an Internal Complaints Committee (ICC) to look into such complaints. The entire objective is to ensure a safe and healthy working environment for women and students.

Grievance Redressal Mechanism

Every executive authority shall constitute an internal complaints committee with an inbuilt mechanism for gender sensitization against sexual harassment. The ICC shall have the following composition:

1. A Presiding Officer who shall be women faculty member employed at a senior level at the educational institution nominated by the executive authority.
2. Two faculty members and two non-teaching employees nominated by executive authority.
3. Three students if the matter involves students who shall be enrolled at undergraduate masters and research scholar levels respectively elected through the transparent democratic procedure.
4. One member from amongst non-government organizations or associations committed to the cause of women or a person familiar with the issues relating to sexual harassment nominated by executive authority.

At least one-half of the total members of ICC shall be women. Keeping the above guidelines in view, BBDNIIT has constituted a committee against sexual harassment since 2003.

As per the regulations of UGC/AICTE, the **Internal Complaint Committee** of Faculty of Pharmacy, BBDNIIT, Lucknow for the academic session 2022-2023, has been constituted as follows:

| S. No. | Name of Members | Designation | Department | Contact No. |
|--------|-----------------------|-----------------|------------|-------------|
| 1. | Dr. Priyanka Maurya | Professor | Pharmacy | 9044330103 |
| 2. | Ms. Geeta Mishra | Associate Prof. | Pharmacy | 9839751718 |
| 3. | Ms. Pallavi Tripathi | Associate Prof. | Pharmacy | 9873375159 |
| 4. | Mr. Rajesh Singh | Store Supdt. | Pharmacy | 9721850524 |
| 5. | Ms. Rashmi Bala Dixit | Librarian | Pharmacy | 7651874995 |
| 6. | Ms. Mohini Yadav | Student | Pharmacy | 9719928615 |
| 7. | Ms. Hera Fatima | Student | Pharmacy | 8318512857 |
| 8. | Mr. Gautam Pandey | Student | Pharmacy | 9631422242 |
| 9. | Mr. Aditya Raj | Student | Pharmacy | 9304203713 |

Responsibilities of ICC

The ICC shall:

1. Provide assistance if an employee or student chooses to file a complaint with the police.
2. Provide mechanisms of dispute redressal and dialogue to anticipate and address issues through just and fair conciliation without undermining complaints rights and minimize the need for purely punitive approaches that lead to further resentment alienation or violence.

3. Protect the safety of the complainant by not divulging the person's identity and provide the mandatory relief by way of sanctioned leave or relaxation of attendance requirement or transfer to another department or supervisor as required during the pendency of the complaint or also provide for the transfer of the offender.
4. Ensure that the victims or witnesses are not victimized or discriminated against while dealing with complaints of sexual harassment.
5. Ensure prohibition of retaliation or adverse action against a covered individual because the employee or the student is engaged in protected activity.

B) Staff Grievance Cell

As per the regulations of UGC/AICTE, for the matters related to Grievances of Staff/Faculty of Pharmacy, BBDNIIT, Lucknow the following committee has been constituted for the session 2022-23.

| S. No. | Name of Members | Committee Designation | Designation | Contact No. |
|--------|------------------------------------|-----------------------|-----------------|-------------|
| 1. | Dr. Shailendra K. Saraf | Director | Professor | 9839228022 |
| 2. | Dr. Sanjiv K. Chaudhri | Convener | Professor | 9838298713 |
| 3. | Dr. Gul Naz Fatima | Member | Professor | 9839893038 |
| 4. | Dr. Priyanka Maurya | Member | Professor | 9044330103 |
| 5. | Ms. Neelam Datt | Member | Associate Prof. | 9889460239 |
| 6. | Controller of Examination, BBDNIIT | Member | Professor | 9415766286 |

C) Student Grievance Cell

As per the regulations of UGC/AICTE, the Student Grievance Redressal Cell of the Faculty of Pharmacy, BBDNIIT, Lucknow for the academic session 2022-2023, has been constituted as follows:

| S. No. | Name of Members | Designation |
|--------|-------------------------|------------------------------|
| 1. | Dr. Shailendra K. Saraf | Chairman (Director) |
| 2. | Dr. Gul Naz Fatima | Professor |
| 3. | Dr. Priyanka Maurya | Professor |
| 4. | Dr. Shekhar Singh | Associate Professor |
| 5. | Ms. Neelam Datt | Associate Professor |
| 6. | Ms. Mohini Yadav | Student (M. Pharm, II Year) |
| 7. | Ms. Vaishali Kaushal | Student (B. Pharm, IV Year) |
| 8. | Ms. Monica Arora | Student (B. Pharm, III Year) |
| 9. | Mr. Girish Iyer | Student (B. Pharm, II Year) |

D) Discipline Committee

Disciplinary matters are dealt with stern approach expeditiously. Any matter communicated verbally, in written form, or in an anonymous format is viewed with due weightage. Matters concerning ragging reports by any means or by the anti-ragging squad are dealt with utmost seriousness.

E) Anti-Ragging Committee

To prevent new students from any physiological or physical discomfort or harassment and deter such incidents in higher educational institutions, the Government of India has taken a serious view on the cases of ragging. The AICTE, UGC, and PCI implement the provisions. Besides looking after general discipline, the committee will supervise all anti-ragging measures.

The following members of the college are being appointed to form the anti-ragging committee.

Composition of Anti-Ragging Committee 2022-23:

The Anti-ragging Committee of the Faculty of Pharmacy, BBDNIIT, Lucknow for the academic session 2022-23 has been constituted as follows:

| S. No. | Name of Members | Designation | Department | Contact No. |
|--------|------------------------|------------------------|------------|-------------|
| 1. | Dr. Ravi Khare | Administrative Officer | Chemistry | 9453601605 |
| 2. | Dr. Sanjiv K. Chaudhri | Member | Pharmacy | 9838298713 |
| 3. | Dr. Gul Naz Fatima | Member | Pharmacy | 9839893038 |
| 4. | Ms. Neelam Datt | Member | Pharmacy | 9889460239 |
| 5. | Mr. Vishwambhar Mishra | Member | Pharmacy | 9760061715 |
| 6. | Ms. Pallavi Tripathi | Member | Pharmacy | 9873375159 |

Anti-Ragging Squad (2022-23)

The Anti-ragging Squad of the Faculty of Pharmacy, BBDNIIT, Lucknow for the academic session 2022-23 has been constituted as follows:

| S. No. | Name of Members | Designation | Department | Contact No. |
|--------|---------------------|-------------|------------|-------------|
| 1. | Dr. Shekhar Singh | Member | Pharmacy | 8273680419 |
| 2. | Dr. Priyanka Maurya | Member | Pharmacy | 9044330103 |

| | | | | |
|----|------------------------|--------|----------|------------|
| 3. | Mr. Vishwambhar Mishra | Member | Pharmacy | 9760061715 |
| 4. | Ms. Deepti Tripathi | Member | Pharmacy | 7572077947 |

AKTU Procedures against Anti-ragging:

The BBDNIIT follows the policy as per the university guidelines, and the college follows the procedures:

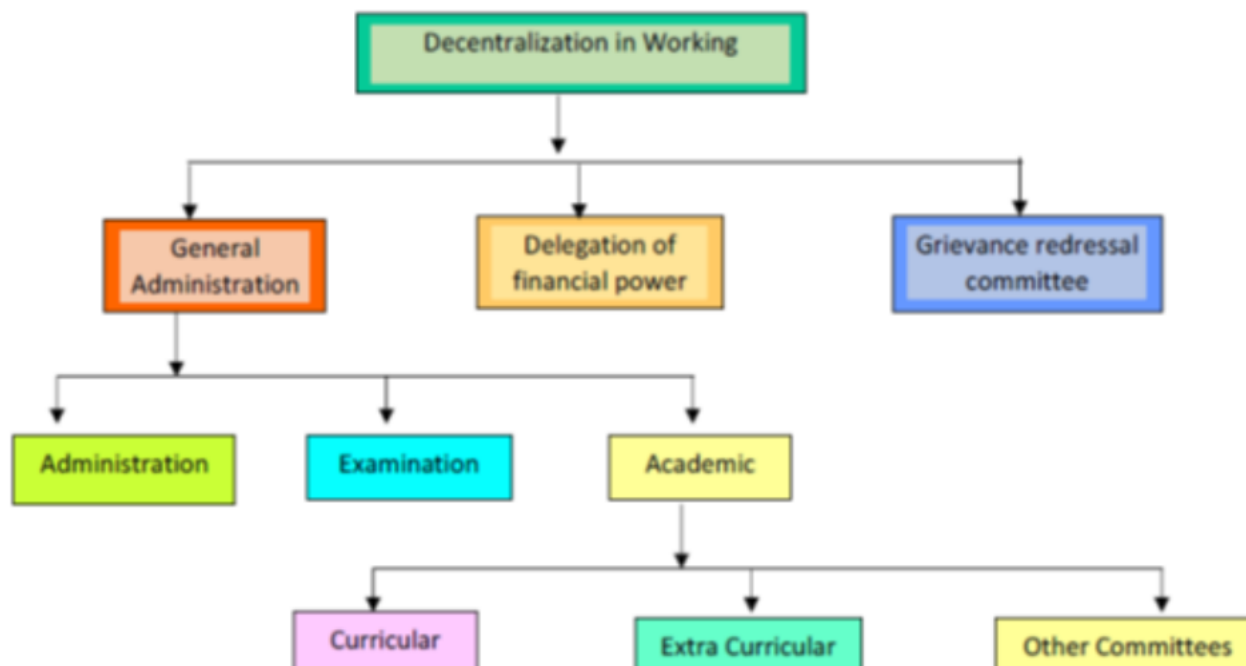
1. The students submit the affidavit to the college as per the format of AICTE.
2. An undertaking from the students and parents.
3. An undertaking from the employees.

The salient features of the Prohibition of Ragging Act, 1997 are displayed on the college premises.

F) Committee for SC/ST

As per the scheduled caste and scheduled tribes (Prevention of Atrocities) Act. 1989 with reference to the above, and as per guidelines of AICTE, Handbook 2016-17, The Institute has established the committee for SC/ST with the following members.

| S. No. | Name of Members | Designation | SC/ST Committee Designation |
|--------|----------------------------|------------------------------|-----------------------------|
| 1. | Dr. Shailendra Kumar Saraf | Director | Chairman |
| 2. | Dr. Sanjiv K. Chaudhari | Professor | Member |
| 3. | Dr. Gul Naz Fatima | Professor | Member |
| 4. | Dr. Shekhar Singh | Associate Professor | Member |
| 5. | Dr. Vishakha Jaiswal | Associate Professor | Member |
| 6. | Mr. Sumit Kumar | Student (B. Pharm, IV Year) | Member |
| 7. | Mr. Brajesh Kumar | Student (B. Pharm, III Year) | Member |
| 8. | Mr. Abhishek Kumar Singh | Student (B. Pharm, II Year) | Member |

**A) Administration**

Director is assisted by an office superintendent, looking after correspondence, admissions, HR, scholarships etc.

Finance is looked after by accountant.

Administrative officer (management) looks after all the support services and maintenance.

GENERAL COMMITTEES**CAY (2022-23)**

In order to facilitate the administration and smooth functioning of the college, the following staff members are appointed as In Charges / members for the various committees for the academic year **2022-23** with immediate effect from **22/08/2022**.

The In charges shall:

- A. Formulate the rules and regulations regarding the function of the committee, set goal, define duties and responsibilities for the respective committee.
- B. Submit their report of functioning about the same of the office time to time.
- C. The In charges will continue to function for the 2022-23 and till new committees has been formulate for the next academic year.

INCHARGE OF VARIOUS COMMITTEES:2022-23

| Sr. No. | Name of the Committee | Chairman/ Members |
|---------|---|---|
| 1. | Governing Body | Prof. (Dr.) Shailendra K. Saraf |
| 2. | Examination Committee: - Supervisor (Examination) CEO Exam Incharge (Int. & Ext.) | Prof. (Dr.) Ravi Khare |
| 3. | Store, Purchase | Mr. Ajay Sharma |
| 4. | Academic & Research Coordinator (AICTE) MOU, Consultancy, Sponsored Projects | Prof. (Dr.) Shailendra K. Saraf Prof. (Dr.) Gul Naz Fatima Ms. Neelam Datt Prof. (Dr.) Priyanka Maurya |
| 5. | College Development Committee | Mr. Amit Srivastava Dr. Dwijendra Singh Dr. Amresh Kumar Mr. Sanjiv K Chaudhri Ms. Neelam Datt Ms. Gul Naz Fatima Mr. Manish K. Singh Mr. Vimlesh Kumar Mr. Shyam Rathi Kashyap |

| | | |
|-----|--|---|
| 6. | Training and Placement Cell | Prof. (Dr.) Sanjiv K Chaudhri Dr. Shekhar Singh Mr. Vimlesh Kumar |
| 7. | Internal Complaint Committee (ICC): Women Grievances Women welfare | Prof. (Dr.) Priyanka Maurya Ms. Geeta Mishra Ms. Pallavi Tripathi |
| 8 | Gender Sensitization Cell | Ms. Neelam Datt Dr. Gul Naz Fatima Dr. Priyanka Maurya Prof. (Dr.) Ravi Khare |
| 9. | Committee for SC/ST Students | Prof. (Dr.) Shailendra K. Saraf Prof. (Dr.) Gul Naz Fatima Prof. (Dr.) Priyanka Maurya Dr. Shekhar Singh Dr. Vishakha Jaiswal |
| 10. | Anti-ragging Committee | Dr. Ghanshyam Tripathi Prof. (Dr.) Sanjiv K. Chaudhri Prof. (Dr.) Gul Naz Fatima Ms. Neelam Datt Mr. Vishwambhar Mishra Ms. Pallavi Tripathi |
| 11. | Anti-ragging squad | Prof. (Dr.) Priyanka Maurya Dr. Shekhar Singh Mr. Vishwambhar Mishra Ms. Deepti Tripathi |
| 12. | Grievance Redressal Committee | Prof. (Dr.) Shailendra K. Saraf Prof. (Dr.) Gul Naz Fatima Prof. (Dr.) Sanjiv K. Chaudhri Prof. (Dr.) Priyanka Maurya Ms. Neelam Datt Prof. (Dr.) Ravi Khare |
| 13. | Internal Quality Assurance Committee | Prof. (Dr.) Shailendra K. Saraf Prof. (Dr.) Sanjiv K. Chaudhri Prof. (Dr.) Gul Naz Fatima Prof. (Dr.) Priyanka Maurya Ms. Neelam Datt Mr. Vishwambhar Mishra Ms. Pallavi Tripathi |
| 14. | Library & Magazine Committee | Prof. (Dr.) Gul Naz Fatima Prof. (Dr.) Priyanka Maurya Dr. Shekhar Singh Ms. Prachi Mishra |
| 15. | Industrial Tour/Training Committee | Mr. Vishwambhar Mishra Ms. Neelam Datt |
| 16. | Website/IT/Campus 360 | Ms. Prachi Mishra Ms. Anushree Prakash |

| | | |
|-----|--|--|
| 17. | Alumni UG, PG Cell | Prof. (Dr.) Sanjiv K Chaudhri Mr. Vishwambhar Mishra Mr. Vimlesh Kumar |
| 18. | Extra-curricular activities and Sport (Gathering, sports, cultural, NPW etc) Committee | Ms. Neelam Datt Prof. (Dr.) Gul Naz Fatima Prof. (Dr.) Priyanka Maurya Mr. Vishwambhar Mishra Ms. Geeta Mishra |
| 19. | Discipline Committee | Dr. Shekhar Singh Mr. Vishwambhar Mishra Mr. Vimlesh Kumar |
| 20. | Incubation & Entrepreneurship Cell | Prof. (Dr.) Shailendra K. Saraf Prof. (Dr.) Sanjiv K Chaudhri Ms. Neelam Datt Prof. (Dr.) Gul Naz Fatima Prof. (Dr.) Priyanka Maurya |

Name of the Class Coordinators

| Sr. No. | Class | Name of the Class Coordinators |
|---------|---------------------|---|
| 1. | First Year B.Pharm | Mr. Vishwambhar Mishra Ms. Geeta Mishra |
| 2. | Second Year B.Pharm | Ms. Anushree Prakash Ms. Deepti Tripathi |
| 3 | Third Year B.Pharm | Ms. Neelam Mishra Dr. Shekhar Singh |
| 4 | Fourth Year B.Pharm | Ms. Samiksha Srivastava Dr. Vishakha Jaiswal |

HEAD OF THE DEPARTMENTS:

| Sr. No. | Department | Name |
|---------|--------------------------|--------------------------------|
| 1 | Pharmaceutics | Prof. (Dr.) Sanjiv K. Chaudhri |
| 2 | Pharmaceutical Chemistry | Prof. (Dr.) Gul Naz Fatima |
| 3 | Pharmacology | Mr. Vishwambhar Mishra |
| 4 | Pharmacognosy | Ms. Pallavi Tripathi |

B) Examinations

Examination is an important component for assessment of the progress of the learning.

Internal examinations are conducted by examination department by Controller of Examination and assisted by Exam In charges. All faculty members are involved in the examinations.

EXAMINATION COMMITTEE-2022-23

| Sr. No. | Name of Staff | Designation |
|---------|---------------------------------|---------------------------|
| 1. | Prof. (Dr.) Shailendra K. Saraf | Director |
| 2. | Prof. (Dr.) Ravi Khare | Controller of Examination |
| 3. | Prof. (Dr.) Gul Naz Fatima | Member |
| 4. | Dr. Shekhar Singh | Member |
| 5. | Mr. Ved Prakash Rawat | Supporting Staff |
| 6. | Ms. Saroj Verma | Supporting Staff |

C) Redressal Committee**Internal complaints committee (ICC) for women**

Men and women in today's society work together on all fronts. Women are today at the forefront in politics, business as well as social domains. Yet women and students of all genders have to suffer sexual harassment. Any form of sexual harassment is against the basic human right of freedom and right to live. Every individual deserves a workplace which is safe and secured. Also, basic respect is expected at any work place by every individual. Government of India promulgated The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 on 9 December 2013 which superseded Apex Court's Vishaka Guidelines of 1997. The Act lay down a grievance redressal mechanism that mandates all educational institutions set up an Internal Complaints Committee (ICC) to look into such complaints. The entire objective is to ensure a safe and healthy working environment for women and students.

Grievance Redressal Mechanism

Every executive authority shall constitute an internal complaints committee with an inbuilt mechanism for gender sensitization against sexual harassment. The ICC shall have the following composition:

1. A Presiding Officer who shall be women faculty member employed at a senior level at the educational institution nominated by the executive authority.
2. Two faculty members and two non-teaching employees nominated by executive authority.
3. Three students if the matter involves students who shall be enrolled at undergraduate and masters level respectively elected through the transparent democratic procedure.

At least one-half of the total members of ICC shall be women. Keeping the above guidelines in view, BBDNIIT has constituted a committee against sexual harassment.

As per the regulations of UGC/AICTE, the Internal Complaint Committee of Faculty of Pharmacy, BBDNIIT, Lucknow for the academic session 2022-2023, has been constituted as follows.

| S. No. | Name of Members | Designation | Department | Contact No. |
|--------|-------------------------|-----------------|------------|-------------|
| 1. | Dr. Priyanka Maurya | Professor | Pharmacy | 9044330103 |
| 2. | Ms. Geeta Mishra | Associate Prof. | Pharmacy | 9839751718 |
| 3. | Ms. Pallavi Tripathi | Associate Prof. | Pharmacy | 9873375159 |
| 4. | Mr. Rajesh Singh | Store Supdt. | Pharmacy | 9721850524 |
| 5. | Ms. Rashmi Bala Dixit | Librarian | Pharmacy | 7651874995 |
| 6. | Ms. Mohini Yadav | Student | Pharmacy | 9719928615 |
| 7. | Ms. Hera Fatima | Student | Pharmacy | 8318512857 |
| 8. | Mr. Gautam Pandey | Student | Pharmacy | 9631422242 |
| 9. | Ms. Ishika Singh Parmar | Student | Pharmacy | 6394853267 |

Responsibilities of ICC

The ICC shall:

1. Provide assistance if an employee or student chooses to file a complaint with the police.
2. Provide mechanisms of dispute redressal and dialogue to anticipate and address issues through just and fair conciliation without undermining complaints rights and minimize the need for purely punitive approaches that lead to further resentment alienation or violence.
3. Protect the safety of the complainant by not divulging the person's identity and provide the mandatory relief by way of sanctioned leave or relaxation of attendance requirement or transfer to another department or supervisor as required during the pendency of the complaint or also provide for the transfer of the offender.
4. Ensure that the victims or witnesses are not victimized or discriminated against while dealing with complaints of sexual harassment.
5. Ensure prohibition of retaliation or adverse action against a covered individual because the employee or the student is engaged in protected activity.

Staff Grievance Cell (2022-23)

As per the regulations of UGC/AICTE, for the matters related to Grievances of Students/Staff/Faculty of Pharmacy, BBDNIIT, Lucknow the following committee has been constituted for the session 2022-23.

| S. No. | Name of Members | Committee Designation | Designation | Contact No. |
|--------|------------------------------------|-----------------------|-----------------|-------------|
| 1. | Dr. Shailendra K. Saraf | Director | Professor | 9839228022 |
| 2. | Dr. Sanjiv K. Chaudhri | Convener | Professor | 9838298713 |
| 3. | Dr. Gul Naz Fatima | Member | Professor | 9839893038 |
| 4. | Dr. Priyanka Maurya | Member | Professor | 9044330103 |
| 5. | Ms. Neelam Datt | Member | Associate Prof. | 9889460239 |
| 6. | Controller of Examination, BBDNIIT | Member | Professor | 9415766286 |

C) Student Grievance Cell

As per the regulations of UGC/AICTE, the Student Grievance Redressal Cell of the Faculty of Pharmacy, BBDNIIT, Lucknow for the academic session 2022-2023, has been constituted as follows:

| S. No. | Name of Members | Designation |
|--------|----------------------------|---------------------|
| 1. | Dr. Shailendra Kumar Saraf | Chairman (Director) |
| 2. | Dr. Gul Naz Fatima | Professor |
| 3. | Dr. Priyanka Maurya | Professor |
| 4. | Dr. Shekhar Singh | Associate Professor |
| 5. | Ms. Neelam Datt | Associate Professor |

| | | |
|----|----------------------|------------------------------|
| 6. | Ms. Mohini Yadav | Student (M. Pharm, II Year) |
| 7. | Ms. Vaishali Kaushal | Student (B. Pharm, IV Year) |
| 8. | Ms. Monica Arora | Student (B. Pharm, III Year) |
| 9. | Mr. Girish Iyer | Student (B. Pharm, II Year) |

D) Discipline Committee

Disciplinary matters are dealt with stern approach expeditiously. Any matter communicated verbally, in written form, or in an anonymous format is viewed with due weightage. Matters concerning ragging reports by any means or by the anti-ragging squad are dealt with utmost seriousness.

E) Anti-Ragging Committee

To prevent new students from any physiological or physical discomfort or harassment and deter such incidents in higher educational institutions, the Government of India has taken a serious view on the cases of ragging. The AICTE, UGC, and PCI implement the provisions. Besides looking after general discipline, the committee will supervise all anti-ragging measures.

The following members of the college are being appointed to form the anti-ragging committee.

Composition of Anti-Ragging Committee 2022-23:

The Anti-ragging Committee of the Faculty of Pharmacy, BBDNIIT, Lucknow for the academic session 2022-23 has been constituted as follows:

| S. No. | Name of Members | Designation | Department | Contact No. |
|--------|------------------------|------------------------|------------|-------------|
| 1. | Dr. Ravi Khare | Administrative Officer | Chemistry | 9453601605 |
| 2. | Dr. Sanjiv K. Chaudhri | Member | Pharmacy | 9838298713 |
| 3. | Dr. Gul Naz Fatima | Member | Pharmacy | 9839893038 |
| 4. | Ms. Neelam Datt | Member | Pharmacy | 9889460239 |
| 5. | Mr. Vishwambhar Mishra | Member | Pharmacy | 9760061715 |
| 6. | Ms. Pallavi Tripathi | Member | Pharmacy | 9873375159 |

Anti Ragging Squad (2022-23)

The Anti-ragging Squad of the Faculty of Pharmacy, BBDNIIT, Lucknow for the academic session 2022-23 has been constituted as follows:

| S. No. | Name of Members | Designation | Department | Contact No. |
|--------|------------------------|-------------|------------|-------------|
| 1. | Dr. Shekhar Singh | Member | Pharmacy | 8273680419 |
| 2. | Dr. Priyanka Maurya | Member | Pharmacy | 9044330103 |
| 3. | Mr. Vishwambhar Mishra | Member | Pharmacy | 9760061715 |
| 4. | Ms. Deepti Tripathi | Member | Pharmacy | 7572077947 |

The salient features of the Prohibition of Ragging Act, 1997 are displayed on the institute premises.

F) Committee for SC/ST

As per the scheduled caste and scheduled tribes (Prevention of Atrocities) Act. 1989 with reference to the above, and as per guidelines of AICTE, Handbook 2016-17, The Institute has established the committee for SC/ST with the following members:

| S. No. | Name of Members | Designation | SC/ST Committee Designation |
|--------|----------------------------|------------------------------|-----------------------------|
| 1. | Dr. Shailendra Kumar Saraf | Director | Chairman |
| 2. | Dr. Sanjiv K. Chaudhari | Professor | Member |
| 3. | Dr. Gul Naz Fatima | Professor | Member |
| 4. | Dr. Shekhar Singh | Associate Professor | Member |
| 5. | Dr. Vishakha Jaiswal | Associate Professor | Member |
| 6. | Mr. Sumit Kumar | Student (B. Pharm, IV Year) | Member |
| 7. | Mr. Brajesh Kumar | Student (B. Pharm, III Year) | Member |
| 8. | Mr. Abhishek Kumar Singh | Student (B. Pharm, II Year) | Member |

9.1.3 Delegation of financial powers (15)

Institute Marks : 15.00

Director: The Director has the financial powers to spend Rs 10,000/- at a time, keeping in view the urgency and needs. These are to authorize the purchase of consumables for laboratories (books etc.) over and above the general procedure of annual purchases.

To permit the reimbursement of travelling (conferences and workshops) and other expenses for official purposes.

To take care of guests, parents, alumni and stakeholders.

To take care of emergency maintenance

To sponsor faculty/staff for any academic activities as per norms. To authorize any other expenses, he may deem essential.

Head of the Department: The Head of the Department has the financial powers to spend Rs 5,000/- at a time, keeping in view of the urgency and needs (chemicals, recurring expences), repair of equipment.

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

Institute Marks : 10.00

- Upon arrival, all students joining BBDNIIT are informed about the colleges rules, regulations and procedures during the induction program. The same is available in the college manual.
- Periodic reminders are made through circulars and posted on social media networks.
- All information needed by all stakeholders is available on the website.
- Periodic communications are sent to parents/guardians concerning monthly attendance, examination absenteeism, etc.
- At the time of joining new staff, personal information, qualifications, professional skills and experience are collected and used to strengthen the course and the college.
- The data of all staff are periodically updated and uploaded to the college website.

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

Total Marks 30.00

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

CFY : (Current Financial Year),

CFYm1 : (Current Financial Year minus 1),

CFYm2 : (Current Financial Year minus 2) and

CFYm3 : (Current Financial Year minus 3)

Table 1 - CFY 2022-2023

| Total Income 37226490 | | | | Actual expenditure(till...): 28329787 | | | Total No. Of Students 385 |
|-----------------------|-------|--------|---|---------------------------------------|---------------|------------------------------------|------------------------------|
| Fee | Govt. | Grants | Other sources(specify) Library, Sports, Union and Other Fee | Recurring including salaries | Non Recurring | Special Projects/Anyother, specify | Expenditure per student |
| 34986490 | 0 | 0 | 2240000 | 23899787 | 4430000 | 0 | 73583.86 |

Table 2 - CFYm1 2021-2022

| Total Income 36402372 | | | | Actual expenditure(till...): 24519432 | | | Total No. Of Students 378 |
|-----------------------|-------|--------|---|---------------------------------------|---------------|------------------------------------|------------------------------|
| Fee | Govt. | Grants | Other sources(specify) Library, Sports, Union and Other Fee | Recurring including salaries | Non Recurring | Special Projects/Anyother, specify | Expenditure per student |
| 34350372 | 0 | 0 | 2052000 | 21229432 | 3290000 | 0 | 64866.22 |

Table 3 - CFYm2 2020-2021

| Total Income 327456922 | | | | Actual expenditure(till...): 23395580 | | | Total No. Of Students 358 |
|------------------------|-------|--------|---|---------------------------------------|---------------|------------------------------------|------------------------------|
| Fee | Govt. | Grants | Other sources(specify) Library, Sports, Union and Other Fee | Recurring including salaries | Non Recurring | Special Projects/Anyother, specify | Expenditure per student |
| 325328922 | 0 | 0 | 2128000 | 20645580 | 2750000 | 0 | 65350.78 |

Table 4 - CFYm3 2019-2020

| Total Income 30036184 | | | | Actual expenditure(till...): 20832500 | | | Total No. Of Students 385 |
|-----------------------|-------|--------|---|---------------------------------------|---------------|------------------------------------|------------------------------|
| Fee | Govt. | Grants | Other sources(specify) Library, Sports, Union and Other Fee | Recurring including salaries | Non Recurring | Special Projects/Anyother, specify | Expenditure per student |
| 28716184 | 0 | 0 | 1320000 | 17422500 | 3410000 | 0 | 54110.39 |

| Items | Budgeted in 2022-2023 | Actual Expenses in 2022-2023 till | Budgeted in 2021-2022 | Actual Expenses in 2021-2022 till | Budgeted in 2020-2021 | Actual Expenses in 2020-2021 till | Budgeted in 2019-2020 | Actual Expenses in 2019-2020 till |
|--|--------------------------|--------------------------------------|--------------------------|--------------------------------------|--------------------------|--------------------------------------|--------------------------|--------------------------------------|
| Infrastructure Built-Up | 1530000 | 1430000 | 890000 | 812000 | 650000 | 310000 | 1138000 | 1054000 |
| Library | 585000 | 543000 | 500000 | 445000 | 500000 | 365000 | 425000 | 392000 |
| Laboratory equipment | 820000 | 782000 | 750000 | 710000 | 655000 | 320000 | 919000 | 892000 |
| Laboratory consumables | 1140000 | 865000 | 925000 | 735000 | 923100 | 445000 | 885000 | 720000 |
| Teaching and non-teaching staff salary | 16744787 | 16744787 | 15504432 | 15504432 | 15140580 | 15140580 | 12222500 | 12222500 |
| Maintenance and spares | 4615000 | 3930000 | 4515000 | 4147000 | 4585000 | 3937000 | 3182000 | 2917000 |

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|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| R&D | 650000 | 570000 | 610000 | 572000 | 610000 | 595000 | 550000 | 542000 |
| Training and Travel | 290000 | 267000 | 250000 | 209000 | 250000 | 142000 | 230000 | 230000 |
| Miscellaneous expenses* | 2300000 | 2014000 | 2300000 | 2120000 | 2250000 | 1930000 | 2010000 | 1965000 |
| Others, specify | 3000000 | 2892000 | 3000000 | 2665000 | 3000000 | 1755000 | 2865000 | 2330000 |
| Total | 31674787 | 30037787 | 29244432 | 27919432 | 28563680 | 24939580 | 24426500 | 23264500 |

9.2.1 Adequacy of budget allocation (10)

Institute Marks : 10.00

Faculty of Pharmacy, BBDNIIT, follows the process of distributing the available financial resources in a manner consistent with our institute's vision, mission, long-term goals, which are transparent to stakeholders. The allocation model is updated annually. Keeping in view of the fact that no budgeting process is perfect and that ideally there would be more funds to allocate, the goals of the process are to:

- Recognize the importance of staff to long term success.
- Encourage areas to focus on outputs directly related to the strategic plan.
- Improve institutional and support facilities to make the learning in a better environment.
- Increase research and development

The institute allocates the available resources based on the requirements, keeping the curricular (Industrial Visits) and extracurricular activities (National Pharmacy Week Celebrations, Cultural and sports, NSS), activities, Hands on Training, Site-Training, Industrial Training, library, purchase, and maintenance in mind. It is the responsibility of Director to ensure that the allocated resources are spent as per their plans. The emphasis is to increase quality of academic inputs delivered and positively contribute to the institute, in terms of development of new technologies, methods and practices.

9.2.2 Utilization of allocated funds (15)

Institute Marks : 15.00

The Director asks for dept budget from respective HODs during the commencement of each academic year. The utilization is made as per the plans. The priorities are identified. Emphasis is made on increasing the quality of academic inputs that positively contribute to the development.

The purchase procedure is as follows.

- Quotations are obtained from approved vendor
- As per the technical specification and cost, the purchase order is prepared and sent for approval.
- Purchase order is sent to central office for final approval where the purchase order is prepared and sent to vendor.
- Purchases are done up to the level of allocated funds, however, under some special priority considerations, the purchases can go beyond the allocated funds. Which will be later ratified by the Governing Body.
- Delegation of financial powers is promoted to keep the autonomy of the institute and reduce time delays.

Optimum utilization policy of the management by utilizing the funds in the lines of the mission statement and objectives.

Regular auditing and inventory checks (in-house) keep the mechanism free from over spending.

The guidelines towards making purchase of laboratory equipment, programs conducting, training activities and other miscellaneous are framed and followed.

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

Institute Marks : 5.00

Yes, the audited statements are available on Faculty of Pharmacy, BBDNIIT website:

www.pharmacybbdniit.ac.in (<http://www.pharmacybbdniit.ac.in/>)

9.3 Library and Internet

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

Total Marks 20.00

Library Rules:

General Rules-

1. All Students must use the library facility to enrich their academic excellence.
2. A person desirous of using the library shall legibly enter his/her name and time of entry and sign in the register kept at the entrance.
3. Only bonafide students are allowed to enter the college library with a valid Identity card, which must be produced as and when the library staff or college teaching staff demands it.
4. Complete silence must be maintained in the library.
5. Using the cell phone in the library is strictly prohibited.
6. In case of any difficulty, readers can approach the librarian.
7. The co-operation of the students is earnestly sought in observing the rules.
8. Two books will be issued for reading in the library against the Library Identity Card.
9. Borrowers are requested not to bring any electronic instruments inside the library.
10. All borrowers also requested not to use cell phones in the library or keep it in silent mode to maintain decorum.

Timing of the Library –

The college library remains open between 9.00 a.m. To 5.30 p.m.

Identity Card Rules-

1. The students should bring their Library Identity cards without failing to the college and present them whenever required.
2. Library Books will be issued only on behalf of this card which is not transferable to other students
3. If the card is lost, the student must inform the Director immediately in writing.
4. If the card is lost, a duplicate identity card will be issued on payment of Rs. 10/-
5. Books will be issued for reading in the study room in the library on producing the Identity Card. Books are not to be taken out of the library on any account.
6. Only bonafide students are allowed to enter the college library on the strength of a valid Identity card, which must be produced whenever demanded by the library staff or college teaching staff.
7. Anyone who violates the rules and regulations of the library may be debarred from using the library facilities or other punishments.

Home Lending-

1. Library books will be issued only to the regular students of the college for home lending.
2. Two books will be issued for home lending against the Borrower Card. Reference books, issues of periodicals, magazines and newspapers will not be allowed for home lending.
3. The book may be issued for a week provided that other students have no demand.
4. Newly acquired books will be available for the students only after accessioned
5. Students should return all the books to the library immediately after completion of the external examination.
6. Issued book must be returned on or before the due date
7. Late fee of Rs. 1 per day for ten days and after that Rs. 2 per day shall be charged. Depending upon the delay circumstances, the Director/Librarian may exempt the late fee.

Reading Room-

1. Book will be issued for reading purposes only after producing the Library Identity Card. Books are not to be taken out of the library on any account.
2. When the book is issued for reading in the study room or for home reading, the borrower must check that the book is not damaged or that the pages are not missing. If any kind was found, it must be brought to the notice of the library staff. Otherwise, they are responsible the loss for any damage or loss or torn pages.
3. If the book is lost or damaged by the students or if pages are missing, the books value shall have to be paid at the current price. If the book is rare or out of print & the book cost is significantly less, the amount decided by the Director must be paid.
4. Teaching staff may borrow five books at a time. Additional books can be borrowed by the teaching staff or used with the permission of the Director /Librarian.
5. Reference books and Government Publications are meant exclusively for use in the library only & the same cannot be issued for home lending except with the permission of the Principal or Librarian for use overnight only.
6. All the books taken for home lending must be returned to the library before June 30 of every academic year for stock verification.

Reprography service

Photocopy services are available for all the departmental members at nominal charges. All the books must produce the photocopy to comply with copyright provision

| S. No | Library Details | Vol./No. |
|-------|---|--|
| 1 | Total numbers of Books | 7416 |
| 2 | Titles of Books | 1553 |
| 3 | Reference Books | 1547 |
| 4 | M. Pharm Books Pharmaceutics- V. 529, T.104 Pham chemistry- V. 543 T. 102 | 1077 |
| 5 | B. Pharm Books | T. - 1019 V - 4544 |
| 6 | Newly Magazine /Journals Subscribed (111335/-Rs.) | 26 |
| 7 | E-Journal –DELNET+ INVENTI | Journals 397 International 43 National 354 |
| 8 | Pharmacopoeia (IP, BP, USP,) | 88 |
| 9 | Encyclopedia | 14 |

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|----|--------------------|---------------------|
| 10 | Dictionaries | 23 |
| 11 | Atlas | 35 |
| 12 | Motivational Books | 13 |
| 13 | GRE/GPAT | 28 |
| 14 | E-Books | 205 |
| 15 | CD's | T. - 64 Vol.-130 |

Digital Library

Availability of digital library contents: If available, then mention

- Number of courses: Diploma, B. Pharm., M. Pharm.
- Number of e- books:205
- Availability of an exclusive server: Yes
- Availability over Intranet/Internet: Yes
- Availability of exclusive space/room: Yes

List of Pharmacy Journals for 2022-23

| Sr.No. | Pharmacy E-Journals |
|--------|--|
| 1 | Acta Chimica and Pharmaceutica Indica (https://www.tsijournals.com/journals/acta-chimica-and-pharmaceutica-indica-archive.html) |
| 2 | Acta Pharmaceutica (https://sciendo.com/journal/acph) |
| 3 | Acta Pharmaceutica Sinica B (https://www.sciencedirect.com/journal/acta-pharmaceutica-sinica-b/issues) |
| 4 | Addiction Science & Clinical Practice (https://ascjournal.biomedcentral.com/articles) |
| 5 | Adolescent Health, Medicine and Therapeutics (https://www.dovepress.com/adolescent-health-medicine-and-therapeutics-archive89) |
| 6 | Advanced Techniques in Biology & Medicine (https://www.longdom.org/advanced-techniques-biology-medicine/archive.html) |
| 7 | Advances in Medicine (https://www.hindawi.com/journals/amed/contents/year/2021/) |
| 8 | Advances in Pharmacoepidemiology & Drug Safety (https://www.longdom.org/advances-in-pharmacoepidemiology-drug-safety/archive.html) |
| 9 | Advances in Pharmacological and Pharmaceutical Sciences (https://www.hindawi.com/journals/aps/contents/year/2021/) |
| 10 | Advances in Pharmacological Sciences (https://www.hindawi.com/journals/aps/contents/) |
| 11 | Advances in Preventive Medicine (https://www.hindawi.com/journals/apm/contents/year/2021/) |
| 12 | Advances in Rheumatology (https://advancesinrheumatology.biomedcentral.com/articles) |
| 13 | African Journal of Emergency Medicine (https://www.sciencedirect.com/journal/african-journal-of-emergency-medicine/issues) |
| 14 | African Journal of Pharmacy and Pharmacology (https://academicjournals.org/journal/AJPP/archive) |
| 15 | African Journal of Traditional Complementary and Alternative Medicine (https://journals.athmsi.org/index.php/ajtcam/issue/archive) |
| 16 | AIDS Research and Treatment (https://www.hindawi.com/journals/art/contents/year/2020/) |
| 17 | Alimentary Pharmacology & Therapeutics (https://onlinelibrary.wiley.com/doi/10.1002/pt.2036) |
| 18 | Allergies (https://www.mdpi.com/search?journal=allergies) |

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| 19 | Alternative & Integrative Medicine (https://www.hilarispublisher.com/alternative-integrative-medicine/archive.html) |
| 20 | American Journal of Ethnomedicine (https://www.imedpub.com/ethnomedicine/archive.php) |
| 21 | American Journal of Pharmaceutical Education (https://www.ajpe.org/content/by/year) |
| 22 | American Journal of Pharmacology and Pharmacotherapeutics (https://www.imedpub.com/pharmacology-and-pharmacotherapeutics/archive.php) |
| 23 | American Journal of Phytomedicine and Clinical Therapeutics (https://www.imedpub.com/phytomedicine-and-clinical-therapeutics/archive.php) |
| 24 | Anesthesiology Research and Practice (https://www.hindawi.com/journals/arp/contents/year/2021/) |
| 25 | Annals of Medicine & Surgery (https://www.sciencedirect.com/journal/annals-of-medicine-and-surgery/issues) |
| 26 | Antibiotics (https://www.mdpi.com/search?journal=antibiotics) |
| 27 | Antibodies (https://www.mdpi.com/search?journal=antibodies) |
| 28 | Antioxidants (https://www.mdpi.com/search?journal=antioxidants) |
| 29 | Applied Sciences (https://www.mdpi.com/search?journal=appls) |
| 30 | Arabian Journal of Medicinal and Aromatic Plants (https://revues.imist.ma/index.php/AJMAP/issue/archive) |
| 31 | Archives of Forensic Medicine and Criminology (https://www.termedia.pl/Journal/Archiwum_Medycyny_Sadowej_i_Kryminologii-82/Archive) |
| 32 | Archives of Medicine (https://archivepp.com/backissues.asp) |
| 33 | Archives of Psychiatry Research (http://apr.kbcs.hr/journal-2021-vol57-no1.html) |
| 34 | Asian Journal of Pharmaceutical and Clinical Research (https://innovareacademics.in/journals/index.php/ajpcr/issue/archive) |
| 35 | Asian Journal of Pharmaceutical and Health Sciences (http://ajphs.com/content/past-issues) |
| 36 | Asian Journal of Pharmaceutical Sciences (https://www.sciencedirect.com/journal/asian-journal-of-pharmaceutical-sciences/issues) |
| 37 | Asian Journal of Pharmaceutics (http://www.asiapharmaceutics.info/index.php/ajp/issue/archive) |
| 38 | Austin Journal of Pharmacology and Therapeutics (http://austinpublishinggroup.com/pharmacology-therapeutics/archive.php) |
| 39 | Autoimmune Diseases (https://www.hindawi.com/journals/ad/contents/year/2021/) |
| 40 | Avicenna Journal of Medicine (https://www.thieme-connect.com/products/ejournals/journal/10.1055/s-0051312) |
| 41 | B.M.C infectious Diseases (https://bmcinfectdis.biomedcentral.com/articles) |
| 42 | Bangladesh Journal of Pharmacology (https://www.banglajol.info/index.php/BJP/index) |
| 43 | Bioceramics Development and Applications (https://www.hilarispublisher.com/bioceramics-development-applications/archive.html) |
| 44 | Biochemistry & Pharmacology (https://www.longdom.org/biochemistry-pharmacology-open-access/archive.html) |
| 45 | Bioelectronic Medicine (https://bioelecmed.biomedcentral.com/articles) |
| 46 | Bioengineering (https://www.mdpi.com/search?journal=bioengineering) |
| 47 | Biologics (https://www.mdpi.com/search?journal=biologics) |
| 48 | Biology and Medicine (https://www.longdom.org/biology-and-medicine/archive.html) |
| 49 | BioMed Research International (https://www.hindawi.com/journals/bmri/contents/year/2021/) |

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| 50 | Biomedical Dermatology (https://biomeddermatol.biomedcentral.com/articles) |
| 51 | Biomedicines (https://www.mdpi.com/search?journal=biomedicines) |
| 52 | BioMedInformatics (https://www.mdpi.com/search?journal=biomedinformatics) |
| 53 | Biomolecules (https://www.mdpi.com/search?journal=biomolecules) |
| 54 | BioPsychoSocial Medicine (https://bpsmedicine.biomedcentral.com/articles) |
| 55 | Blood and Lymphatic Cancer: Targets and Therapy (https://www.dovepress.com/blood-and-lymphatic-cancer-targets-and-therapy-archive101) |
| 56 | BMC Anesthesiology (https://bmcanesthesiol.biomedcentral.com/articles) |
| 57 | BMC Cancer (https://bmccancer.biomedcentral.com/articles) |
| 58 | BMC Complementary Medicine and Therapies (https://bmccomplementmedtherapies.biomedcentral.com/articles) |
| 59 | BMC Dermatology (https://bmcdermatol.biomedcentral.com/articles) |
| 60 | BMC Emergency Medicine (https://bmccemergmed.biomedcentral.com/articles) |
| 61 | BMC Family Practice (https://bmcfampract.biomedcentral.com/articles) |
| 62 | BMC Medicine (https://bmccmedicine.biomedcentral.com/articles) |
| 63 | BMC Nephrology (https://bmccnephrol.biomedcentral.com/articles) |
| 64 | BMC Palliative Care (https://bmccpalliatcare.biomedcentral.com/articles) |
| 65 | BMC Pharmacology and Toxicology (https://bmccpharmacoltoxcol.biomedcentral.com/articles) |
| 66 | BMC Pulmonary Medicine (https://bmccpulmed.biomedcentral.com/articles) |
| 67 | BMC Sports Science, Medicine and Rehabilitation (https://bmccsportsscimedrehabil.biomedcentral.com/articles) |
| 68 | Borneo Journal of Pharmacy (http://journal.umpalangkaraya.ac.id/index.php/bjop/issue/archive) |
| 69 | Brain Sciences (https://www.mdpi.com/search?journal=brainsci) |
| 70 | Brazilian Journal of Pharmaceutical Sciences (http://www.scielo.br/scielo.php?script=sci_issues&pid=1984-8250&lng=en&nrm=iso) |
| 71 | Breast Cancer: Targets and Therapy (https://www.dovepress.com/breast-cancer-targets-and-therapy-archive69) |
| 72 | British Journal of Pharmacology and Toxicology (https://maxwellsci.com/jp/BJPT.php?jid=BJPT) |
| 73 | Burns Open (https://www.sciencedirect.com/journal/burns-open/issues) |
| 74 | Canadian Journal of Infectious Diseases and Medical Microbiology (https://www.hindawi.com/journals/cjidmm/contents/year/2021/) |
| 75 | Cancer Nanotechnology (https://cancer-nano.biomedcentral.com/articles) |
| 76 | Cancer Research, Statistics, and Treatment (https://www.crstonline.com/backissues.asp) |
| 77 | Cancers (https://www.mdpi.com/search?journal=cancers) |
| 78 | Cardiogenetics (https://www.mdpi.com/search?journal=cardiogenetics) |
| 79 | Cardiovascular Pharmacology (https://www.longdom.org/cardiovascular-pharmacology/archive.html) |
| 80 | Case Reports in Anesthesiology (https://www.hindawi.com/journals/cria/contents/year/2021/) |
| 81 | Case Reports in Cardiology (https://www.hindawi.com/journals/cric/contents/year/2021/) |
| 82 | Cellular & Molecular Medicine (https://cellular-molecular-medicine.imedpub.com/archive.php) |
| 83 | Chemotherapy (https://www.longdom.org/chemotherapy-open-access/archive.html) |
| 84 | Chronic Diseases and Translational Medicine (https://www.sciencedirect.com/journal/chronic-diseases-and-translational-medicine/issues) |

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| 85 | Chronic Obstructive Pulmonary Disease: Journal of the COPD Foundation (https://journal.copdfoundation.org/all-issues/past-issues) |
| 86 | Clinical and Translational Gastroenterology (https://journals.lww.com/ctg/pages/issuelist.aspx) |
| 87 | Clinical Pharmacology & Biopharmaceutics (https://www.omicsonline.org/archive-clinical-pharmacology-biopharmaceutics-open-access.php) |
| 88 | Clinical Pharmacology: Advances and Applications (https://www.dovepress.com/clinical-pharmacology-advances-and-applications-archive65) |
| 89 | ClinicoEconomics (https://www.dovepress.com/clinicoeconomics-and-outcomes-research-archive29) |
| 90 | Clinics and Practice (https://www.mdpi.com/search?journal=clinpract) |
| 91 | Contraception and Reproductive Medicine (https://contraceptionmedicine.biomedcentral.com/articles) |
| 92 | Current Gerontology and Geriatrics Research (https://www.hindawi.com/journals/cggr/contents/year/2021/) |
| 93 | Current issues on Pharmacy and Medical Sciences (https://sciendo.com/journal/cipms) |
| 94 | Current Oncology (https://www.mdpi.com/search?journal=currnocol) |
| 95 | Current Research: Integrative Medicine (https://www.pulsus.com/current-research-integrative-medicine/past-issues.html) |
| 96 | DARU : Journal of Pharmaceutical Sciences (https://www.springer.com/journal/40199) |
| 97 | Der Pharma Chemica (https://www.derpharmachemica.com/archive.html) |
| 98 | Der Pharmacia Lettre (https://www.scholarsresearchlibrary.com/journals/der-pharmacia-lettre/archive/) |
| 99 | Der Pharmacia Sinica (https://www.imedpub.com/der-pharmacia-sinica/archive.php) |
| 100 | Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy (https://www.dovepress.com/diabetes-metabolic-syndrome-and-obesity-targets-and-therapy-archive32) |
| 101 | Diagnostic and Therapeutics Endoscopy (https://www.hindawi.com/journals/dte/contents/) |
| 102 | Drug Design, Development and Therapy (https://www.dovepress.com/drug-design-development-and-therapy-archive19) |
| 103 | Drug Designing (https://www.longdom.org/drug-designing/archive.html) |
| 104 | Drug Development and Therapeutics (http://jddtonline.info/index.php/jddt/issue/archive) |
| 105 | Drug, Healthcare and Patient Safety (https://www.dovepress.com/drug-healthcare-and-patient-safety-archive44) |
| 106 | Drug:Real world outcomes (https://link.springer.com/journal/40801/volumes-and-issues) |
| 107 | EBiomedicine (https://www.sciencedirect.com/journal/ebiomedicine/issues) |
| 108 | Egyptian Pharmaceutical Journal (https://www.epj.eg.net/backissues.asp) |
| 109 | Emergency Medicine (https://www.longdom.org/emergency-medicine/archive.html) |
| 110 | Emerging Microbes and Infections (https://www.tandfonline.com/loi/temi20) |
| 111 | European Journal of Biomedical and Pharmaceutical Sciences (https://www.ejbps.com/ejbps/archive) |
| 112 | European Journal of Case reports in internal medicine (https://www.ejcrim.com/index.php/EJCRIM/issue/archive) |
| 113 | European Medical Journal Gastroenterology (https://www.emjreviews.com/therapeutic-area/gastroenterology/post/article?edition=european&p) |
| 114 | European Medical Journal Neurology (https://www.emjreviews.com/therapeutic-area/neurology/post/article?edition=european&page_fr) |

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| 115 | European Medical Journal Rheumatology (https://www.emjreviews.com/therapeutic-area/rheumatology/post/article?edition=european&pag) |
| 116 | European Pharmaceutical Journal (https://sciendo.com/journal/afpuc) |
| 117 | European Respiratory Journal (https://erj.ersjournals.com/content/by/year) |
| 118 | Family Medicine & Medical Science Research (https://www.longdom.org/family-medicine-medical-science-research/archive.html) |
| 119 | Frontiers in Dental Medicine (https://www.frontiersin.org/journals/dental-medicine#articles) |
| 120 | Frontiers in Neuroscience (https://www.frontiersin.org/journals/neuroscience#articles) |
| 121 | Future Journal of Pharmaceutical Sciences (https://fjps.springeropen.com/articles) |
| 122 | General Medicine (https://www.longdom.org/general-medicine/archive.html) |
| 123 | Global Journal of Pharmacy & Pharmaceutical Science (https://juniperpublishers.com/gjpps/archive.php) |
| 124 | Gomal Journal of Medical Sciences (http://www.gjms.com.pk/index.php/journal/issue/archive) |
| 125 | Healthcare (https://www.mdpi.com/search?journal=healthcare) |
| 126 | Hemato (https://www.mdpi.com/search?journal=hemato) |
| 127 | Hepatic Medicine : Evidence and Research (https://www.dovepress.com/hepatic-medicine-evidence-and-research-archive61) |
| 128 | Herbal Medicine (https://herbal-medicine.imedpub.com/archive.php) |
| 129 | Herbal Medicines Journal (http://hmj.lums.ac.ir/index.php/hmj/issue/archive) |
| 130 | HIV/AIDS-Research and Palliative Care (https://www.dovepress.com/hiv-aids---research-and-palliative-care-archive68) |
| 131 | Hong Kong Journal of Emergency Medicine (https://journals.sagepub.com/loi/hkja) |
| 132 | Immunity, Inflammation and Disease (https://onlinelibrary.wiley.com/doi/20504527/year/2021) |
| 133 | Immunome Research (https://www.longdom.org/immunome-research/archive.html) |
| 134 | ImmunoTargets and Therapy (https://www.dovepress.com/immunotargets-and-therapy-archive138) |
| 135 | Indian Journal of Health Sciences and Biomedical Research (https://www.ijournalhs.org/backissues.asp) |
| 136 | Indian Journal of Neonatal Medicine and Research (http://www.ijnmr.net/article_archive.asp) |
| 137 | Indian Journal of Pharmaceutical Sciences (https://www.ijpsonline.com/archive.html) |
| 138 | Indian Journal of Pharmacology (https://www.ijp-online.com/backissues.asp) |
| 139 | Indian Journal of Pharmacy Practice (http://ijopp.org/content/past-issues) |
| 140 | Indian Journal of Research in Homeopathy (https://www.ijrh.org/backissues.asp) |
| 141 | Indo Global Journal of Pharmaceutical Sciences (http://www.iglobaljournal.com/issues/) |
| 142 | Indonesian Journal of Pharmacy (https://indonesianjpharm.farmasi.ugm.ac.id/index.php/3/issue/archive) |
| 143 | Infection and Drug Resistance (https://www.dovepress.com/infection-and-drug-resistance-archive28) |
| 144 | Infectious Disease Reports (https://www.mdpi.com/search?journal=idr) |
| 145 | Infectious Diseases and Therapy (https://link.springer.com/journal/40121/volumes-and-issues) |
| 146 | Innovations in Pharmacy (https://pubs.lib.umn.edu/index.php/innovations/issue/archive) |
| 147 | Insights in Biomedicine (https://biomedicine.imedpub.com/archive.php) |

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| 148 | Integrated Pharmacy Research and Practice (https://www.dovepress.com/integrated-pharmacy-research-and-practice-archive135) |
| 149 | Integrative Medicine Research (https://www.sciencedirect.com/journal/integrative-medicine-research) |
| 150 | Interdisciplinary Approaches to Medicine (https://appmed.kaznu.kz/index.php/medicine/issue/archive) |
| 151 | International Journal of Clinical Pharmacy (https://link.springer.com/journal/11096/volumes-and-issues) |
| 152 | Internal Medicine (https://www.longdom.org/internal-medicine/archive.html) |
| 153 | International Journal of Alzheimers Disease (https://www.hindawi.com/journals/ijad/contents/year/2021/) |
| 154 | International Journal of Anesthesiology & Pain Medicine (https://anaesthesia-painmedicine.imedpub.com/archive.php) |
| 155 | International Journal of Basic & Clinical Pharmacology (https://www.ijbcp.com/index.php/ijbcp/issue/archive) |
| 156 | International Journal of Cardiology: Heart & Vasculature (https://www.sciencedirect.com/journal/ijc-heart-and-vasculature/issues) |
| 157 | International Journal of Chemical and Pharmaceutical Sciences (http://www.ijcps.com/sub_pages/archive.html) |
| 158 | International Journal of Drug Development & Research (https://www.ijddr.in/archive.php) |
| 159 | International Journal of Green Pharmacy (http://greenpharmacy.info/index.php/ijgp/issue/archive) |
| 160 | International Journal of Hepatology (https://www.hindawi.com/journals/ijh/contents/year/2021/) |
| 161 | International Journal of Medical Toxicology and Forensic Medicine (https://journals.sbm.ac.ir/ijmtfm/issue/archive) |
| 162 | International Journal of Pharma Sciences and Research (http://www.ijpsr.info/all-issues.php) |
| 163 | International Journal of Pharmaceutical and Phytopharmacological Research (https://eijppr.com/en/journal/archives) |
| 164 | International Journal of Pharmaceutical Investigation (https://www.jpionline.org/index.php/ijpi/issue/archive) |
| 165 | International Journal of Pharmaceutical Sciences & Research (https://ijpsr.com/archives-2/) |
| 166 | International Journal of Pharmaceutical Sciences : Review and Research (https://www.globalresearchonline.net/clientnav/journalcontents.aspx) |
| 167 | International Journal of Pharmacological Research (https://ssjournals.com/index.php/ijpr/issue/archive) |
| 168 | International Journal of Pharmacology and Clinical Sciences (https://www.ijphs.org/content/past-issues) |
| 169 | International Journal of Pharmacy and Biological Sciences (https://www.ijpbs.com/archives.php) |
| 170 | International Journal of Pharmacy and Technology (http://www.ijptonline.com/archives/) |
| 171 | International Journal of Physical Medicine & Rehabilitation (https://www.longdom.org/physical-medicine-rehabilitation/archive.html) |
| 172 | International Journal of Research and Development in Pharmacy & Life Sciences (https://www.omicsonline.org/archive-research-and-development-in-pharmacy.php) |
| 173 | International Journal of Research in Ayurveda and Pharmacy (https://ijrap.net/index.php/login/archive) |
| 174 | International Journal of Scientific Research in Dental and Medical Sciences (http://www.ijrdms.com/browse?_action=issue) |
| 175 | International Journal on General Medicine (https://www.dovepress.com/international-journal-of-general-medicine-archive39) |

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| 176 | International Research Journal of Pharmacy. (http://www.irjponline.com/archives.php) |
| 177 | Iranian Journal of Pharmaceutical Research (http://ijpr.sbmu.ac.ir/browse? _action=issue) |
| 178 | Journal of Advanced Pharmaceutical Technology & Research (https://www.japtr.org/backissues.asp) |
| 179 | Journal of AIDS and HIV Infections (http://www.annexpublishers.com/journals/journal-of-aids-and-hiv- infections/archive.php) |
| 180 | Journal of Alcoholism & Drug Dependence (https://www.longdom.org/alcoholism- and-drug-dependence/archive.html) |
| 181 | Journal of Anaesthesiology Clinical Pharmacology. (https://www.joacp.org/backissues.asp) |
| 182 | Journal of Analytical Research in Clinical Medicine (https://jrcm.tbzmed.ac.ir/) |
| 183 | Journal of Anesthesia and Patient Care (http://www.annexpublishers.com/journals/journal-of-anesthesia-and-patient- care/archive.php) |
| 184 | Journal of Applied Pharmaceutical Science (http://japsonline.com/past-issue.php) |
| 185 | Journal of Applied Pharmaceutical Sciences (https://japhac.wixsite.com/japhac/2021-edition) |
| 186 | Journal of Applied Pharmacy (https://www.longdom.org/applied- pharmacy/archive.html) |
| 187 | Journal of Arthropod-Borne Diseases (https://jad.tums.ac.ir/index.php/jad/issue/archive) |
| 188 | Journal of Asthma and Allergy (https://www.dovepress.com/journal-of-asthma- and-allergy-archive27) |
| 189 | Journal of Basic & Clinical Pharmacy (https://www.jbclinpharm.org/archive.html) |
| 190 | Journal of Basic and Applied Pharmaceutical Sciences (https://rcfba.fcfar.unesp.br/index.php/ojs/issue/archive) |
| 191 | Journal of Bioanalysis & Biomedicine (https://www.hilarispublisher.com/bioanalysis-biomedicine/archive.html) |
| 192 | Journal of Biomedicine and Translational Research (https://ejournal2.undip.ac.id/index.php/jbtr/issue/archive) |
| 193 | Journal of Blood Disorders & Transfusion (https://www.longdom.org/blood- disorders-transfusion/archive.html) |
| 194 | Journal of Blood Medicine (https://www.dovepress.com/journal-of-blood-medicine- archive85) |
| 195 | Journal of Cancer Research in Therapeutics (https://www.cancerjournal.net/backissues.asp) |
| 196 | Journal of Cancer Science & Therapy (https://www.hilarispublisher.com/cancer- science-therapy/archive.html) |
| 197 | Journal of Cancer Science and Clinical Oncology. (http://www.annexpublishers.com/journals/journal-of-cancer-science/archive.php) |
| 198 | Journal of Cancer Therapeutics & Research (https://www.hoajonline.com/jctr/articles) |
| 199 | Journal of Carcinogenesis (https://carcinogenesis.com/browse-issues) |
| 200 | Journal of Carcinogenesis & Mutagenesis (https://www.longdom.org/carcinogenesis-mutagenesis/archive.html) |
| 201 | Journal of Cellular and Molecular Pharmacology. (https://www.omicsonline.org/archive-journal-cellular-molecular- pharmacology.php) |
| 202 | Journal of Clinical & Experimental Pharmacology. (https://www.longdom.org/clinical-experimental-pharmacology/archive.html) |
| 203 | Journal of clinical chemistry and laboratory medicine (https://www.longdom.org/journal-clinical-chemistry-laboratory- medicine/archive.html) |
| 204 | Journal of Clinical Medicine (https://www.mdpi.com/search?journal=jcm) |

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| 205 | Journal of Clinical Ophthalmology and Research (https://www.jcor.in/backissues.asp) |
| 206 | Journal of Community Hospital Internal Medicine Perspectives (https://www.tandfonline.com/loi/zjch20) |
| 207 | Journal of Community Medicine & Health Education (https://www.omicsonline.org/archive-community-medicine-health-education-open-access.php) |
| 208 | Journal of Current Chemical and Pharmaceutical Sciences (https://www.tsijournals.com/journals/archive/tsjccps-volume-12-issue-2-year-2022.html) |
| 209 | Journal of Dental Pathology and Medicine (https://www.omicsonline.org/archive-journal-dental-pathology-medicine.php) |
| 210 | Journal of Dentistry and Oral Care Medicine (http://www.annexpublishers.com/all-recent-articles.php) |
| 211 | Journal of Developing Drugs (https://www.longdom.org/developing-drugs/archive.html) |
| 212 | Journal of Diabetic Complications & Medicine (https://www.hilarispublisher.com/diabetic-complications-medicine/archive.html) |
| 213 | Journal of Drug Delivery (https://www.hindawi.com/journals/jdd/contents/) |
| 214 | Journal of Drug Metabolism & Toxicology (https://www.longdom.org/drug-metabolism-toxicology/archive.html) |
| 215 | Journal of Ethnopharmacology (https://www.sciencedirect.com/journal/journal-of-ethnopharmacology/issues) |
| 216 | Journal of Evidence Based Medicine and Healthcare (https://jebmh.com/archive_history) |
| 217 | Journal of Experimental Pharmacology (https://www.dovepress.com/journal-of-experimental-pharmacology-archive66) |
| 218 | Journal of Fertilization: In Vitro - IVF-Worldwide, Reproductive Medicine, Genetics & Stem Cell Biology (https://www.longdom.org/fertilization-in-vitro/archive.html) |
| 219 | Journal of Food and Drug Analysis (https://www.sciencedirect.com/journal/journal-of-food-and-drug-analysis/issues) |
| 220 | Journal of Forensic Medicine (https://www.hilarispublisher.com/journal-forensic-medicine/archive.html) |
| 221 | Journal of Forensic Toxicology & Pharmacology (https://www.scitechnol.com/archive-forensic-toxicology-and-pharmacology.php) |
| 222 | Journal of Healthcare Leadership (https://www.dovepress.com/journal-of-healthcare-leadership-archive91) |
| 223 | Journal of Herbal Drugs (http://jhd.iaushk.ac.ir/browse?_action=issue) |
| 224 | Journal of Immunology & Infectious Disease (http://www.annexpublishers.com/journals/journal-of-immunology-and-infectious-diseases/archive.php) |
| 225 | Journal of In Silico & In Vitro Pharmacology (https://pharmacology.imedpub.com/archive.php) |
| 226 | Journal of Infection in Developing Countries (https://jcdc.org/index.php/journal/issue/archive) |
| 227 | Journal of Infectious Diseases & Preventive Medicine (https://www.longdom.org/ancient-diseases-preventive-remedies/archive.html) |
| 228 | Journal of Infectious Diseases and Medicine (https://www.hilarispublisher.com/infectious-diseases-and-medicine/archive.html) |
| 229 | Journal of Korean Society for Clinical Pharmacology and Therapeutics (https://koreamed.org/JournalVolume.php?id=1179) |
| 230 | Journal of Management and Pharmacy Practice (https://jurnal.ugm.ac.id/jmpf/issue/archive) |
| 231 | Journal of Medical Toxicology and Clinical Forensic Medicine (https://toxicology.imedpub.com/archive.php) |
| 232 | Journal of Molecular Pharmaceutics & Organic Process Research (https://www.omicsonline.org/archive-molecular-pharmaceutics-organic-process-research-open-access.php) |

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| 233 | Journal of Nanomedicine & Biotherapeutic Discovery (https://www.longdom.org/nanomedicine-biotherapeutic-discovery/archive.html) |
| 234 | Journal of Nanomedicine & Nanotechnology (https://www.longdom.org/nanomedicine-nanotechnology/archive.html) |
| 235 | Journal of Neuroscience and Neuropharmacology (https://www.iomcworld.org/neurochemistry-neuropharmacology/archive.html) |
| 236 | Journal of Nuclear Medicine & Radiation Therapy (https://www.hilarispublisher.com/nuclear-medicine-radiation-therapy/archive.html) |
| 237 | Journal of Nutrition and Health Sciences (http://www.annexpublishers.com/journals/journal-of-nutrition-and-health/archive.php) |
| 238 | Journal of Obesity and Overweight (http://www.annexpublishers.com/journals/journal-of-obesity-and-overweight/archive.php) |
| 239 | Journal of Occupational Medicine and Toxicology (https://occup-med.biomedcentral.com/articles) |
| 240 | Journal of Oncology Medicine & Practice (https://www.hilarispublisher.com/oncology-medicine-practice/archive.html) |
| 241 | Journal of Ophthalmology (https://www.hindawi.com/journals/joph/contents/) |
| 242 | Journal of Orthopaedics and Allied Sciences (https://www.joas.org.in/backissues.asp) |
| 243 | Journal of Osteoporosis (https://www.hindawi.com/journals/jos/contents/year/2020/) |
| 244 | Journal of Paediatric Medicine & Surgery (https://www.omicsonline.org/archive-paediatric-medicine-surgery.php) |
| 245 | Journal of Pain Management & Medicine (https://www.longdom.org/pain-management-medicine/archive.html) |
| 246 | Journal of Palliative Care & Medicine (https://www.omicsonline.org/archive-palliative-care-medicine-open-access.php) |
| 247 | Journal of Pediatric Neurology and Medicine (https://www.hilarispublisher.com/pediatric-neurology/archive.html) |
| 248 | Journal of Perioperative Medicine (https://www.longdom.org/journal-perioperative-medicine/archive.html) |
| 249 | Journal of Personalized Medicine (https://www.mdpi.com/search?journal=jpm) |
| 250 | Journal of Pharma Research (https://jprinfo.com/archives) |
| 251 | Journal of Pharmaceutical Analysis (https://www.sciencedirect.com/journal/journal-of-pharmaceutical-analysis/issues) |
| 252 | Journal of Pharmaceutical Care (https://ipc.tums.ac.ir/index.php/ipc/issue/archive) |
| 253 | Journal of Pharmaceutical Care & Health Systems (https://www.longdom.org/pharmaceutical-care-and-health-systems-open-access/archive.html) |
| 254 | Journal of Pharmaceutical Health Care and Sciences (https://jphcs.biomedcentral.com/articles) |
| 255 | Journal of Pharmaceutical Microbiology (https://pharmaceutical-microbiology.imedpub.com/archive.php) |
| 256 | Journal of Pharmaceutical Negative Results (http://www.pnrjournal.com/index.php?sec=archive) |
| 257 | Journal of Pharmaceutical Policy and Practice (https://joppp.biomedcentral.com/articles) |
| 258 | Journal of Pharmaceutical Science and Bio scientific Research (http://jpsbr.org/JPSBR.htm) |
| 259 | Journal of Pharmaceutical Sciences & Emerging Drugs (https://www.scitechnol.com/archive-pharmaceutical-sciences-emerging-drugs.php) |
| 260 | Journal of Pharmaceutics (https://www.hindawi.com/journals/jphar/contents/year/2020/) |

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| 261 | Journal of Pharmaceutics & Drug Delivery Research (https://www.scitechnol.com/archive-pharmaceutics-drug-delivery-research.php) |
| 262 | Journal of Pharmaceutics and Drug Development (http://www.annexpublishers.com/journals/journal-of-pharmaceutics-and-drugs-development/archive.php) |
| 263 | Journal of Pharmacogenomics & Pharmacoproteomics (https://www.longdom.org/pharmacogenomics-pharmacoproteomics/archive.html) |
| 264 | Journal of Pharmacognosy & Natural Products (https://www.hilarispublisher.com/pharmacognosy-natural-products/archive.html) |
| 265 | Journal of Pharmacokinetics & Experimental Therapeutics (https://www.omicsonline.org/archive-pharmacokinetics-and-experimental-therapeutics.php) |
| 266 | Journal of Pharmacological Reports (https://www.longdom.org/pharmacological-reports/archive.html) |
| 267 | Journal of Pharmacological Sciences (https://www.sciencedirect.com/journal/journal-of-pharmacological-sciences/issues) |
| 268 | Journal of Pharmacology & Clinical Toxicology (https://www.jscimedcentral.com/Pharmacology/allissues.php) |
| 269 | Journal of Pharmacology & Pharmacotherapeutics (https://journals.sagepub.com/loi/phaa) |
| 270 | Journal of Pharmacovigilance (https://www.longdom.org/pharmacovigilance/archive.html) |
| 271 | Journal of Pharmacy & Pharmacognosy Research (https://jppres.com/jppres/archive/) |
| 272 | Journal of Pharmacy and Bioallied Sciences (https://www.jpbonline.org/backissues.asp) |
| 273 | Journal of Pharmacy and Pharmaceutical Sciences (https://journals.library.ualberta.ca/jpps/index.php/jpps/issue/archive) |
| 274 | Journal of Pharmacy Practice and Community Medicine (https://jppcm.org/content/past-issues) |
| 275 | Journal of Preventive Medicine (https://preventive-medicine.imedpub.com/archive.php) |
| 276 | Journal of Pulmonary & Respiratory Medicine (https://www.hilarispublisher.com/pulmonary-respiratory-medicine/archive.html) |
| 277 | Journal of Pulmonary Medicine (https://www.scitechnol.com/archive-pulmonary-medicine.php) |
| 278 | Journal of Regenerative Medicine (https://www.scitechnol.com/archive-regenerative-medicine.php) |
| 279 | Journal of Research in Applied and Basic Medical Sciences (http://ijrabms.umsu.ac.ir/browse.php?slc_lang=en&slc_sid=1) |
| 280 | Journal of Research in Pharmacy Practice (https://www.irpp.net/backissues.asp) |
| 281 | Journal of Respiration (https://www.mdpi.com/search?journal=jor) |
| 282 | Journal of Scientific Innovation in Medicine (https://journalofscientificinnovationinmedicine.org/issue/archive/) |
| 283 | Journal of Sports Medicine & Doping Studies (https://www.hilarispublisher.com/sports-medicine-doping-studies/archive.html) |
| 284 | Journal of Surgery and Emergency Medicine (https://www.imedpub.com/surgery-and-emergency-medicine/archive.php) |
| 285 | Journal of Surgery and Operative Care (http://www.annexpublishers.com/journals/journal-of-surgery-and-operative-care/archive.php) |
| 286 | Journal of Traditional Medicine & Clinical Naturopathy (https://www.omicsonline.org/archive-homeopathy-ayurvedic-medicine-open-access.php) |
| 287 | Journal of Tropical Diseases & Public Health (https://www.longdom.org/tropical-diseases/archive.html) |

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| 288 | Journal of Tropical Pharmacy and Chemistry (https://jtpc.farmasi.unmul.ac.id/index.php/jtpc/issue/archive) |
| 289 | Journal of Vascular Medicine & Surgery (https://www.longdom.org/vascular-medicine-surgery/archive.html) |
| 290 | Journal of Veterinary Medicine and Allied Science (https://www.alliedacademies.org/veterinary-medicine-and-allied-science/current-issue.php) |
| 291 | Journal of Veterinary Medicine and Health (https://www.omicsonline.org/archive-journal-veterinary-medicine-health.php) |
| 292 | Journal of Xenobiotics (https://www.mdpi.com/search?journal=jox) |
| 293 | Journal of Young Pharmacists (http://www.jyoungpharm.org/content/past-issues) |
| 294 | Kidney & Blood Pressure Research (https://www.karger.com/Journal/Home/224258) |
| 295 | Malaria Journal (https://malariajournal.biomedcentral.com/articles) |
| 296 | Marine Drugs (https://www.mdpi.com/journal/marinedrugs) |
| 297 | Medical Sciences (https://www.mdpi.com/search?journal=medsci) |
| 298 | Medicina (https://www.mdpi.com/search?journal=medicina) |
| 299 | Medicine in Drug Discovery (https://www.sciencedirect.com/journal/medicine-in-drug-discovery/issues) |
| 300 | Medicines (https://www.mdpi.com/search?journal=medicines) |
| 301 | Metabolites (https://www.mdpi.com/search?journal=metabolites) |
| 302 | Microbiology Research (https://www.mdpi.com/search?journal=microbiolres) |
| 303 | Microorganisms (https://www.mdpi.com/search?journal=microorganisms) |
| 304 | Military Medical Research (https://mmrjournal.biomedcentral.com/articles) |
| 305 | Modern Medicine (https://medicinamoderna.ro/2020-volume-27/2020-issue-4/) |
| 306 | Molecular Genetics and Metabolism Reports (https://www.sciencedirect.com/journal/molecular-genetics-and-metabolism-reports/issues) |
| 307 | Molecular Medicine (https://molmed.biomedcentral.com/articles) |
| 308 | National Journal of Physiology, Pharmacy and Pharmacology (http://www.njppp.com/?sec=archive) |
| 309 | Neonatal and Pediatric Medicine (https://www.omicsonline.org/archive-neonatal-and-pediatric-medicine.php) |
| 310 | Neonatal Medicine (http://www.neo-med.org/articles/archive.php) |
| 311 | Occupational Medicine & Health Affairs (https://www.omicsonline.org/archive-occupational-medicine-health-affairs-open-access.php) |
| 312 | OHBM (https://www.mdpi.com/search?journal=ohbm) |
| 313 | Organics (https://www.mdpi.com/search?journal=organics) |
| 314 | Osteology (https://www.mdpi.com/search?journal=osteology) |
| 315 | Parasitologia (https://www.mdpi.com/search?journal=parasitologia) |
| 316 | Pathogens (https://www.mdpi.com/search?journal=pathogens) |
| 317 | Pathophysiology (https://www.mdpi.com/search?journal=pathophysiology) |
| 318 | Pediatric Emergency Care and Medicine (https://pediatric-emergency-care.imedpub.com/archive.php) |
| 319 | Pediatric Health, Medicine and Therapeutics (https://www.dovepress.com/pediatric-health-medicine-and-therapeutics-archive103) |
| 320 | Pediatric Reports (https://www.mdpi.com/search?journal=pediatrrep) |
| 321 | Pharmaceutica Analytica Acta (https://www.longdom.org/pharmaceutica-analytica-acta/archive.html) |
| 322 | Pharmaceutical Analytical Chemistry (https://www.longdom.org/pharmaceutical-analytical-chemistry/archive.html) |

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| 323 | Pharmaceutical and Biomedical Research (http://pbr.mazums.ac.ir/browse.php?&slct_pg_id=17&sid=1&slc_lang=en) |
| 324 | Pharmaceutical Bioprocessing (https://www.openaccessjournals.com/journals/pharmaceutical-bioprocessing-archive.html) |
| 325 | Pharmaceutical Regulatory Affairs (https://www.hilarispublisher.com/pharmaceutical-regulatory-affairs-open-access/archive.html) |
| 326 | Pharmaceutical Sciences (https://ps.tbzmed.ac.ir/) |
| 327 | Pharmaceutical Technology in Hospital Pharmacy (https://www.degruyter.com/journal/key/PTHP/html) |
| 328 | Pharmaceuticals (https://www.mdpi.com/journal/pharmaceuticals) |
| 329 | Pharmaceutics (https://www.mdpi.com/journal/pharmaceutics) |
| 330 | Pharmacogenomics and Personalized Medicine (https://www.dovepress.com/pharmacogenomics-and-personalized-medicine-archive38) |
| 331 | Pharmacology & Therapeutics (https://www.sciencedirect.com/journal/pharmacology-and-therapeutics/issues) |
| 332 | Pharmacology and Clinical Pharmacy Research (http://jurnal.unpad.ac.id/pcpr/issue/archive) |
| 333 | Pharmacology and Pharmacy (https://www.scirp.org/Journal/home.aspx?journalid=206) |
| 334 | Pharmacy (https://www.mdpi.com/search?journal=pharmacy) |
| 335 | Pharmacy Practice (https://www.pharmacypractice.org/index.php/pp/issue/archive) |
| 336 | Plasma (https://www.mdpi.com/search?journal=plasma) |
| 337 | Radiation Medicine and Protection (https://www.sciencedirect.com/journal/radiation-medicine-and-protection/issues) |
| 338 | Radiation Oncology (https://ro-journal.biomedcentral.com/articles) |
| 339 | Reproductive Biology and Endocrinology (https://rbej.biomedcentral.com/articles) |
| 340 | Reproductive Medicine (https://www.mdpi.com/search?journal=reprodmed) |
| 341 | Reproductive Medicine and Biology (https://onlinelibrary.wiley.com/journal/14470578) |
| 342 | Research & Reviews in Pharmacy and Pharmaceutical Sciences (https://www.rroij.com/archive-pharmacy-and-pharmaceutical-sciences.php) |
| 343 | Research & Reviews: Journal of Hospital and Clinical Pharmacy (https://www.rroij.com/archive-hospital-and-clinical-pharmacy.php) |
| 344 | Research & Reviews: Journal of Pharmaceutical Analysis (https://www.rroij.com/archive-pharmaceutical-analysis.php) |
| 345 | Research & Reviews: Journal of Pharmaceutics and Nanotechnology (https://www.rroij.com/archive-pharmaceutics-and-nanotechnology.php) |
| 346 | Research & Reviews: Journal of Pharmacognosy and Phytochemistry (https://www.rroij.com/archive-pharmacognosy-and-phytochemistry.php) |
| 347 | Research & Reviews: Journal of Pharmacology and Toxicological Studies (https://www.rroij.com/archive-pharmacology-and-toxicological-studies.php) |
| 348 | Research and Reports in Neonatology (https://www.dovepress.com/research-and-reports-in-neonatology-archive104) |
| 349 | Research Journal of Pharmacognosy (http://www.rjpharmacognosy.ir/browse?_action=issue) |
| 350 | Research Journal of Pharmacy and Life Sciences (https://rjpls.com/published-volumes/) |
| 351 | Robotic Surgery: Research and Reviews (https://www.dovepress.com/robotic-surgery-research-and-reviews-archive154) |
| 352 | Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine (https://sjtrem.biomedcentral.com/articles) |
| 353 | Scientia Pharmaceutica (https://www.mdpi.com/search?journal=scipharm) |

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| 354 | Sinusitis (https://www.mdpi.com/search?journal=sinusitis) |
| 355 | Southern Med Review (https://www.ncbi.nlm.nih.gov/pmc/journals/1901/) |
| 356 | Surgeries (https://www.mdpi.com/search?journal=surgeries) |
| 357 | The Journal of Headache and Pain (https://thejournalofheadacheandpain.biomedcentral.com/articles) |
| 358 | The Open Biomarkers Journal (Bentham) (https://www.benthamopen.com/TOBIOMJ/VOLUME/11/) |
| 359 | The Open Biotechnology Journal (Bentham) (https://www.benthamopen.com/TOBIOTJ/VOLUME/12/) |
| 360 | The Open Infectious Diseases Journal (https://benthamopen.com/TOIDJ/VOLUME/12/) |
| 361 | The Open Medicinal Chemistry Journal (Bentham) (https://www.benthamopen.com/TOMCJ/VOLUME/14/) |
| 362 | The Open Pain Journal (Bentham) (https://www.benthamopen.com/TOPIAJ/VOLUME/13/) |
| 363 | Theoretical Biology and Medical Modelling (https://tbiomed.biomedcentral.com/articles) |
| 364 | Therapeutics and Clinical Risk Management (https://www.dovepress.com/therapeutics-and-clinical-risk-management-archive1) |
| 365 | Toxicology (https://www.omicsonline.org/archive-toxicology.php) |
| 366 | Toxicology Journal (https://benthamopen.com/TOTOXIJ/home/) |
| 367 | Traditional Medicine Journal (https://jurnal.ugm.ac.id/TradMedJ/issue/archive) |
| 368 | Translational Biomedicine (https://journals.indexcopernicus.com/search/journal/issue?issueId=all&journalId=33731) |
| 369 | Translational Medicine (https://www.longdom.org/translational-medicine/archive.html) |
| 370 | Translational Medicine Communications (https://transmedcomms.biomedcentral.com/articles) |
| 371 | Trauma Case Reports (https://www.sciencedirect.com/journal/trauma-case-reports) |
| 372 | Trends in Pharmaceutical Sciences (https://tips.sums.ac.ir/) |
| 373 | Tropical Diseases, Travel Medicine and Vaccines (https://tdtmjournal.biomedcentral.com/articles) |
| 374 | Tropical Journal of Pharmaceutical Research (https://www.tjpr.org/home/issues.php?issue=current) |
| 375 | Tropical Medicine & Surgery (https://www.longdom.org/tropical-medicine-and-surgery/archive.html) |
| 376 | Tropical Medicine and Health (https://tropmedhealth.biomedcentral.com/articles) |
| 377 | Tropical Medicine and Infectious Disease (https://www.mdpi.com/search?journal=tropicalmed) |
| 378 | Universal Journal of Pharmacy (http://ujponline.com/ujp/past-issues/) |
| 379 | Urological Science (https://www.e-urol-sci.com/backissues.asp) |
| 380 | Vaccines (https://www.mdpi.com/search?journal=vaccines) |
| 381 | Veterinary Medicine: Research and Reviews (https://www.dovepress.com/veterinary-medicine-research-and-reports-archive108) |
| 382 | Veterinary Sciences (https://www.mdpi.com/search?journal=vetsci) |
| 383 | Viruses (https://www.mdpi.com/search?journal=viruses) |
| 384 | Vitae (https://revistas.udea.edu.co/index.php/vitae/issue/archive) |
| 385 | Womens Midlife Health (https://womensmidlifehealthjournal.biomedcentral.com/articles) |
| 386 | World Journal of Gastrointestinal Pharmacology and Therapeutics (https://www.wjgnet.com/2150-5349/archive.htm) |

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| 387 | World Journal of Pharmacology and Toxicology (https://www.omicsonline.org/archive-world-journal-of-pharmacology-toxicology.php). |
| 388 | Zanco Journal of Medical Sciences (https://zjms.hmu.edu.krd/index.php/zjms/issue/archive) |
| 389 | Inventi Impact: Pharma Tech |
| 390 | Inventi Impact: NDDS |
| 391 | Inventi Impact: Pharma Analysis & Quality Assurance |
| 392 | Inventi Impact: Clinical Research |
| 393 | Inventi Impact: Pharmacy Practice |
| 394 | Inventi Impact: Med Chem |
| 395 | Inventi Impact: Planta Activa |
| 396 | Inventi Impact: Animal Models & Cell Assays |
| 397 | Inventi Impact: Pharmaceutical Process Development |

Total Journal: 397

International Journal:43

National Journal:354

9.3.2 Internet (10)

Institute Marks : 10.00

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| Name of the Internet provider | AEROCAS NETWORK PRIVATE LIMITED |
| Available band width | 300MBPS |
| WiFi availability | YES |
| Internet access in labs, classrooms, library and offices of all Departments | YES |
| Security arrangements | YES |

Annexure I**(A) PROGRAM OUTCOME (POs)****ANNEXURE I: PROGRAM OUTCOMES**

- 1. 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.
- 2. 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.
- 3. 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 decisions.
- 4. Modern tool usage:** Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
- 5. 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.
- 6. 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).
- 7. Pharmaceutical Ethics:** Honour 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.
- 8. 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.
- 9. 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.
- 10. 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.
- 11. 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 ongoing basis.

Declaration

The head of the institution needs to make a declaration as per the format given -

- 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 institutes 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, postvisit and subsequent to grant of accreditation.

Head of the Institute

Name : Shailendra K. Saraf

Designation : Director

Signature :



Seal of The Institution :



Place : Lucknow

Date : 18-09-2023 17:47:41