# Evaluation of Course Outcome Attainment

## Course Outcome Attainment - University + Internal Marks (2017-18)

| SN | Course code | Course name | University attainment | | Sessional attainment | | Attainment level | | %Attainment (Achieved / required) X 100 | Attainment in scale 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 100% | 80% (100 % X 0.8) | 100% | 20% (100% X 0.2) | Achieved | Required | | |
| **B. Pharmacy First Year I Semester** | | | | | | | | | | |
| 1 | BP101T | Human Anatomy and Physiology I– Theory | 0.95 | 0.76 | 1.48 | 0.30 | 1.06 | 1.95 | 54.11 | 1.62 |
| 2 | BP102T | Pharmaceutical Analysis I – Theory | 1.16 | 0.92 | 2.14 | 0.43 | 1.35 | 2.08 | 64.99 | 1.95 |
| 3 | BP103T | Pharmaceutics I – Theory | 1.71 | 1.37 | 2.17 | 0.43 | 1.80 | 1.88 | 95.74 | 2.87 |
| 4 | BP104T | Pharmaceutical Inorganic Chemistry – Theory | 1.16 | 0.92 | 1.71 | 0.34 | 1.27 | 1.95 | 64.90 | 1.95 |
| 5 | BP105T | Communication skills – Theory | 2.12 | 1.70 | 1.90 | 0.38 | 2.08 | 2.42 | 85.78 | 2.57 |
| 6 | BP106RBT | Remedial Biology Theory | 3.00 | 2.40 | 3.00 | 0.60 | 3.00 | 2.48 | 100.00 | 3.00 |
| 7 | BP106RMT | Remedial Mathematics Theory | 1.21 | 0.97 | 1.86 | 0.37 | 1.34 | 2.01 | 100.00 | 3.00 |
| 8 | BP107P | Human Anatomy and Physiology – Practical | 2.41 | 1.93 | 1.62 | 0.32 | 2.26 | 1.48 | 100.00 | 3.00 |
| 9 | BP108P | Pharmaceutical Analysis I – Practical | 2.67 | 2.14 | 1.90 | 0.38 | 2.52 | 1.89 | 100.00 | 3.00 |
| 6 | BP109P | Pharmaceutics I – Practical | 2.50 | 2.00 | 2.64 | 0.53 | 2.53 | 1.89 | 100.00 | 3.00 |
| 11 | BP110P | Pharmaceutical Inorganic | 2.57 | 2.06 | 2.71 | 0.54 | 2.60 | 2.28 | 100.00 | 3.00 |



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| | | Chemistry –Practical | | | | | | | | |
| 12 | BP111P | Communication skills – Practical | 2.64 | 2.11 | 2.72 | 0.54 | 2.66 | 2.14 | 100.00 | 3.00 |
| 13 | BP112RBP | Remedial Biology – Practical | 3.00 | 2.40 | 3.00 | 0.60 | 3.00 | 2.43 | 100.00 | 3.00 |
| **B. Pharmacy First Year II Semester** | | | | | | | | | | |
| 14 | BP201T | Human Anatomy and Physiology II – Theory | 0.89 | 0.72 | 2.12 | 0.42 | 1.14 | 1.55 | 73.57 | 2.21 |
| 15 | BP202T | Pharmaceutical Organic Chemistry I – Theory | 0.96 | 0.77 | 2.33 | 0.47 | 1.24 | 2.48 | 49.94 | 1.50 |
| 16 | BP203T | Biochemistry – Theory | 1.33 | 1.07 | 2.37 | 0.47 | 1.54 | 2.11 | 73.00 | 2.19 |
| 17 | BP204T | Pathophysiology – Theory | 1.14 | 0.91 | 1.49 | 0.30 | 1.21 | 1.73 | 69.97 | 2.10 |
| 18 | BP205T | Computer Applications in Pharmacy – Theory | 2.46 | 1.96 | 2.11 | 0.42 | 2.39 | 1.70 | 100.00 | 3.00 |
| 19 | BP206T | Environmental sciences – Theory | 1.00 | 0.80 | 2.18 | 0.44 | 1.24 | 1.79 | 69.00 | 2.07 |
| 20 | BP207P | Human Anatomy and Physiology II –Practical | 2.25 | 1.80 | 1.79 | 0.36 | 2.15 | 1.78 | 100.00 | 3.00 |
| 21 | BP208P | Pharmaceutical Organic Chemistry I– Practical | 2.46 | 1.96 | 2.74 | 0.55 | 2.51 | 2.44 | 102.96 | 3.09 |
| 22 | BP209P | Biochemistry – Practical | 2.58 | 2.06 | 2.58 | 0.52 | 2.58 | 2.23 | 100.00 | 3.00 |
| 23 | BP210P | Computer Applications in Pharmacy – Practical | 2.70 | 2.16 | 2.67 | 0.53 | 2.69 | 2.34 | 100.00 | 3.00 |
| 24 | 5555 | Env Studies | 1.54 | 1.24 | 2.74 | 0.55 | 1.78 | 2.16 | 82.52 | 2.48 |
| **B. Pharmacy Second Year III Semester** | | | | | | | | | | |
| 25 | T 2.3.1 | Pharmaceutics -III (I Physical Pharmacy-I) | 1.23 | 0.99 | 2.70 | 0.54 | 1.53 | 1.97 | 77.57 | 2.33 |
| 26 | P 2.3.1 | Pharmaceutics -III (I Physical Pharmacy-I) | 2.94 | 2.35 | 2.86 | 0.57 | 2.92 | 1.85 | 100.00 | 3.00 |
| 27 | T 2.32. | Pharmaceutical Chemistry-IV | 1.00 | 0.80 | 1.98 | 0.40 | 1.20 | 2.31 | 51.81 | 1.55 |



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| | | (Organic Chemistry - II) | | | | | | | | |
| 28 | P 2.32. | Pharmaceutical Chemistry-IV (Organic Chemistry - II) | 2.34 | 1.88 | 2.48 | 0.50 | 2.37 | 2.36 | 100.50 | 3.02 |
| 29 | T 2.3.3. | Pharmacognosy –II | 1.09 | 0.88 | 1.91 | 0.38 | 1.26 | 2.03 | 61.88 | 1.86 |
| 30 | P 2.3.3. | Pharmacognosy –II | 2.17 | 1.74 | 2.20 | 0.44 | 2.18 | 2.09 | 100.00 | 3.00 |
| 31 | T 2.3.4. | Pharmaceutical Analysis – I | 1.16 | 0.93 | 2.00 | 0.40 | 1.33 | 2.41 | 54.98 | 1.65 |
| 32 | P 2.3.4. | Pharmaceutical Analysis – I | 2.39 | 1.91 | 2.36 | 0.47 | 2.38 | 2.54 | 93.87 | 2.82 |
| 33 | T 2.3.5 | A P HE-II | 1.30 | 1.04 | 2.00 | 0.40 | 1.44 | 1.50 | 95.83 | 2.88 |
| 34 | P 2.3.5 | A P HE-II | 2.11 | 1.69 | 2.55 | 0.51 | 2.20 | 2.09 | 100.00 | 3.00 |
| 35 | T.2.3.6 | Pathophysiology of Common Diseases-I | 1.11 | 0.89 | 1.45 | 0.29 | 1.18 | 1.53 | 77.00 | 2.31 |
| **B. Pharmacy Second Year IV Semester** | | | | | | | | | | |
| 36 | T.2.4.1. | Pharmaceutics–IV (Physical Pharmacy-II) | 1.42 | 1.14 | 2.31 | 0.46 | 1.60 | 1.92 | 83.33 | 2.50 |
| 37 | P.2.4.1. | Pharmaceutics–IV (Physical Pharmacy-II) | 2.97 | 2.38 | 2.91 | 0.58 | 2.96 | 1.85 | 100.00 | 3.00 |
| 38 | T.2.4.2. | Pharmaceutical Microbiology | 1.58 | 1.26 | 1.55 | 0.31 | 1.57 | 2.44 | 64.42 | 1.93 |
| 39 | P.2.4.2. | Pharmaceutical Microbiology | 2.20 | 1.76 | 2.55 | 0.51 | 2.27 | 2.23 | 101.88 | 3.06 |
| 40 | T.2.4.3. | Pharmacognosy – III | 1.19 | 0.95 | 2.00 | 0.40 | 1.35 | 2.23 | 60.54 | 1.82 |
| 41 | P.2.4.3. | Pharmacognosy – III | 2.41 | 1.93 | 1.84 | 0.37 | 2.29 | 2.05 | 100.00 | 3.00 |
| 42 | T.2.4.4. | Pharmaceutics –V (Hospital Pharmacy) | 1.64 | 1.31 | 2.48 | 0.50 | 1.81 | 2.22 | 81.50 | 2.45 |
| 43 | P.2.4.4. | Pharmaceutics –V (Hospital Pharmacy) | 2.66 | 2.13 | 2.92 | 0.58 | 2.71 | 2.25 | 100.00 | 3.00 |
| 44 | T.2.4.5. | Pharmaceutical Chemistry – V (Biochemistry) | 0.97 | 0.78 | 2.22 | 0.44 | 1.22 | 2.12 | 57.49 | 1.72 |
| 45 | P.2.4.5. | Pharmaceutical Chemistry – V | 2.63 | 2.10 | 2.77 | 0.55 | 2.65 | 2.29 | 100.00 | 3.00 |



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|---|---|---|---|---|---|---|---|---|---|---|
| | | (Biochemistry) | | | | | | | | |
| 46 | T.2.4.6. | Pathophysiology of Common Diseases-II | 1.31 | 1.05 | 2.06 | 0.41 | 1.46 | 1.74 | 84.05 | 2.52 |
| **B. Pharmacy Third Year V Semester** | | | | | | | | | | |
| 47 | T 3.5.1. | Pharmaceutical Chemistry – VI (Medicinal Chemistry - I) | 1.03 | 0.83 | 1.39 | 0.28 | 1.10 | 2.28 | 48.46 | 1.45 |
| 48 | P 3.5.1. | Pharmaceutical Chemistry – VI (Medicinal Chemistry - I) | 2.79 | 2.23 | 2.87 | 0.57 | 2.80 | 2.35 | 100.00 | 3.00 |
| 49 | T 3.5.2. | Pharmaceutics – VI (Pharmaceutical Technology I) | 1.11 | 0.89 | 2.49 | 0.50 | 1.39 | 1.91 | 72.78 | 2.18 |
| 50 | P 3.5.2. | Pharmaceutics – VI (Pharmaceutical Technology I) | 2.21 | 1.77 | 2.67 | 0.53 | 2.30 | 1.81 | 100.00 | 3.00 |
| 51 | T 3.5.3. | Pharmacology – I | 0.97 | 0.77 | 2.00 | 0.40 | 1.17 | 1.91 | 61.45 | 1.84 |
| 52 | P 3.5.3. | Pharmacology – I | 2.84 | 2.27 | 2.43 | 0.49 | 2.75 | 1.95 | 100.00 | 3.00 |
| 53 | T 3.5.4. | Pharmacognosy –IV | 0.98 | 0.79 | 1.80 | 0.36 | 1.15 | 2.05 | 55.98 | 1.68 |
| 54 | P 3.5.4. | Pharmacognosy –IV | 2.64 | 2.11 | 2.85 | 0.57 | 2.68 | 2.05 | 100.00 | 3.00 |
| 55 | T 3.5.5. | Pharmaceutical Analysis-II | 0.97 | 0.77 | 1.93 | 0.39 | 1.16 | 2.28 | 50.91 | 1.53 |
| 56 | P 3.5.5. | Pharmaceutical Analysis-II | 2.11 | 1.69 | 2.54 | 0.51 | 2.20 | 2.46 | 89.43 | 2.68 |
| **B. Pharmacy Third Year VI Semester** | | | | | | | | | | |
| 57 | T 3.6.1. | Pharmaceutical Chemistry - VII (Medicinal Chemistry -II) | 0.92 | 0.73 | 1.62 | 0.32 | 1.06 | 2.15 | 49.26 | 1.48 |
| 58 | P 3.6.1. | Pharmaceutical Chemistry – VII (Medicinal Chemistry - II) | 2.72 | 2.18 | 2.80 | 0.56 | 2.74 | 2.30 | 100.00 | 3.00 |
| 59 | T 3.6.2. | Pharmaceutics –VII (Biopharmaceutics & Pharmacokinetics) | 1.05 | 0.84 | 2.05 | 0.41 | 1.25 | 1.57 | 79.57 | 2.39 |
| 60 | P.3.6.2. | Pharmaceutics –VII | 2.72 | 2.18 | 2.36 | 0.47 | 2.65 | 1.85 | 100.00 | 3.00 |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | (Biopharmaceutics & Pharmacokinetics) | | | | | | | | |
| 61 | T.3.6.3. | Pharmacology –II | 0.98 | 0.79 | 1.93 | 0.39 | 1.17 | 1.95 | 60.19 | 1.81 |
| 62 | P 3.6.3. | Pharmacology –II | 2.75 | 2.20 | 2.44 | 0.49 | 2.69 | 1.95 | 100.00 | 3.00 |
| 63 | T 3.6.4. | Pharmacognosy - V (Chemistry of Natural Products) | 0.92 | 0.73 | 1.61 | 0.32 | 1.06 | 2.05 | 51.50 | 1.54 |
| 64 | P 3.6.4. | Pharmacognosy - V (Chemistry of Natural Products) | 2.00 | 1.60 | 1.98 | 0.40 | 2.00 | 2.05 | 100.00 | 3.00 |
| 65 | T 3.6.5. | PharmaceuticalJurisprudence& Ethics | 1.28 | 1.02 | 1.54 | 0.31 | 1.33 | 2.33 | 57.13 | 1.71 |
| 66 | 3.6.6 | Project report | 2.49 | 1.99 | 0.00 | 0.00 | 1.99 | 2.05 | 100.00 | 3.00 |
| **B. Pharmacy Fourth Year VII Semester** | | | | | | | | | | |
| 67 | T 4.7.1. | Pharmaceutics – VIII (Pharmaceutical Technology - II) | 1.25 | 1.00 | 1.95 | 0.39 | 1.39 | 2.02 | 68.95 | 2.07 |
| 68 | P. 4.7.1. | Pharmaceutics – VIII (Pharmaceutical Technology - II) | 2.24 | 1.79 | 2.51 | 0.50 | 2.29 | 2.32 | 98.75 | 2.96 |
| 69 | T 4.7.2. | Pharmaceutical Chemistry- VIII (Medicinal Chemistry – III) | 1.13 | 0.90 | 1.25 | 0.25 | 1.15 | 2.22 | 51.92 | 1.56 |
| 70 | P 4.7.2 | Pharmaceutical Chemistry-VIII (Medicinal Chemistry – III) | 2.91 | 2.33 | 2.67 | 0.53 | 2.86 | 2.09 | 100.00 | 3.00 |
| 71 | T 4.7.3. | Pharmacology –III | 1.29 | 1.03 | 1.71 | 0.34 | 1.37 | 1.95 | 70.49 | 2.11 |
| 72 | P 4.7.3. | Pharmacology –III | 2.96 | 2.37 | 2.29 | 0.46 | 2.83 | 2.05 | 100.00 | 3.00 |
| 73 | T.4.7.4. | Pharmaceutical Analysis-III | 1.11 | 0.89 | 1.73 | 0.35 | 1.23 | 1.85 | 66.63 | 2.00 |
| 74 | P.4.7.4. | Pharmaceutical Analysis-III | 2.85 | 2.28 | 2.82 | 0.56 | 2.85 | 1.90 | 100.00 | 3.00 |
| 75 | T 4.7.5. | Pharmaceutical Biotechnology | 1.67 | 1.34 | 1.47 | 0.29 | 1.63 | 2.01 | 81.23 | 2.44 |
| 76 | T 4.7.6. | Pharmaceutical Industrial Management | 1.22 | 0.97 | 1.33 | 0.27 | 1.24 | 2.41 | 51.45 | 1.54 |



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| B. Pharmacy Fourth Year VIII Semester | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 77 | T4.8. 1. | Pharmaceutics – IX | 1.31 | 1.05 | 1.80 | 0.36 | 1.41 | 1.89 | 74.46 | 2.23 |
| 78 | P4.8. 1. | Pharmaceutics – IX | 2.69 | 2.15 | 2.95 | 0.59 | 2.74 | 2.56 | 100.00 | 3.00 |
| 79 | T 4.8.2. | Pharmaceutical Analysis – IV | 1.27 | 1.02 | 1.62 | 0.32 | 1.34 | 1.89 | 71.00 | 2.13 |
| 80 | P 4.8.2. | Pharmaceutical Analysis – IV | 2.91 | 2.33 | 3.00 | 0.60 | 2.93 | 1.76 | 100.00 | 3.00 |
| 81 | T 4.8.3. | Pharmaceutical Chemistry-IX (Medicinal Chemistry- IV) | 1.09 | 0.87 | 1.25 | 0.25 | 1.12 | 2.31 | 48.64 | 1.46 |
| 82 | P 4.8.3. | Pharmaceutical Chemistry–IX (Medicinal Chemistry- IV) | 2.73 | 2.18 | 2.22 | 0.44 | 2.63 | 2.21 | 100.00 | 3.00 |
| 83 | T 4.8.4. | Pharmacognosy – VI | 1.24 | 0.99 | 2.05 | 0.41 | 1.40 | 2.05 | 68.29 | 2.05 |
| 84 | P.4.8.4. | Pharmacognosy – VI | 2.65 | 2.12 | 2.51 | 0.50 | 2.63 | 2.05 | 100.00 | 3.00 |
| 85 | T.4.8.5. | Pharmacology - IV (Clinical Pharmacy & Drug Interactions) | 1.38 | 1.11 | 2.31 | 0.46 | 1.57 | 1.94 | 80.79 | 2.42 |
| 86 | T.4.8.6. | Pharma Marketing (Theory) | 1.58 | 1.27 | 2.87 | 0.57 | 1.84 | 2.00 | 92.00 | 2.76 |
| 87 | P.4.8.7.1 | Industrial Training Report | 2.8 | 2.24 | 0.00 | 0.00 | 2.24 | 2.21 | 100.00 | 3.00 |



## Course Outcome Attainment - University + Internal Marks (2018-19)

| SN | Course code | Course name | University attainment | | Sessional attainment | | Attainment level | | % Attainment (Achieved / required ) X 100 | Attainment in scale 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 100 % | 75% (100 % X 0.75) | 100% | 25% (100% X 0.25) | Achieved | Required | | |
| **B. Pharmacy First Year I Semester** | | | | | | | | | | |
| 1 | BP101 T | Human Anatomy and Physiology I | 1.08 | 0.81 | 1.58 | 0.395 | 1.205 | 2.08 | 57.93 | 1.73 |
| 2 | BP102 T | Pharmaceutical Analysis-I | 0.43 | 0.3225 | 2.46 | 0.615 | 0.9375 | 2.25 | 41.66 | 1.25 |
| 3 | BP103 T | Pharmaceutics I | 1 | 0.75 | 2.75 | 0.6875 | 1.4375 | 2.2 | 65.34 | 1.96 |
| 4 | BP104 T | Pharmaceutical Inorganic Chemistry | 0.95 | 0.7125 | 2.06 | 0.515 | 1.2275 | 1.2 | 100 | 3 |
| 5 | BP105T | Communication skills | 1.98 | 1.485 | 1.98 | 0.495 | 1.98 | 2.6 | 76.15 | 2.28 |
| 6 | BP106 RBT | Remedial Biology | 2.5 | 1.875 | 3 | 0.75 | 2.625 | 2.25 | 100 | 3 |
| 7 | BP107 P | Human Anatomy and Physiology | 2.44 | 1.708 | 2.52 | 0.756 | 2.464 | 1.81 | 100 | 3 |
| 8 | BP108 P | Pharmaceutical Analysis I | 2.61 | 1.827 | 2.78 | 0.834 | 2.661 | 2.23 | 100 | 3 |
| 9 | BP109 P | Pharmaceutics I | 2.75 | 1.925 | 2.93 | 0.879 | 2.804 | 2.71 | 100 | 3 |
| 10 | BP110 P | Pharmaceutical Inorganic Chemistry | 2.55 | 1.785 | 2.83 | 0.849 | 2.634 | 1.14 | 100 | 3 |
| 11 | BP111 P | Communication Skills | 2.41 | 1.687 | 2.85 | 0.855 | 2.542 | 2.5 | 100 | 3 |
| 12 | BP112 | Remedial Biology | 3 | 2.1 | 3 | 0.9 | 3 | 2.25 | 100 | 3 |
| **B. Pharmacy First Year II Semester** | | | | | | | | | | |
| 13 | BP201 T | Human Anatomy and Physiology II | 1.62 | 1.215 | 2.08 | 0.52 | 1.735 | 1.55 | 100 | 3 |
| 14 | BP202 T | Pharmaceutical Organic Chemistry I | 0.62 | 0.465 | 2.63 | 0.6575 | 1.1225 | 2.48 | 45.26 | 1.35 |
| 15 | BP203 T | Biochemistry | 1 | 0.75 | 2.75 | 0.6875 | 1.4375 | 2.11 | 68.12 | 2.04 |



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| 16 | BP204 T | Pathophysiology | 1.34 | 1.005 | 2.37 | 0.5925 | 1.5975 | 1.73 | 92.34 | 2.77 |
| 17 | BP205 T | Computer Applications in Pharmacy | 0.91 | 0.6825 | 2.6 | 0.65 | 1.3325 | 1.7 | 78.38 | 2.35 |
| 18 | BP207 P | Human Anatomy and Physiology II | 2.37 | 1.659 | 2.86 | 0.858 | 2.517 | 1.93 | 100 | 3 |
| 19 | BP208 P | Pharmaceutical Organic Chemistry I | 2.7 | 1.89 | 2.81 | 0.843 | 2.733 | 2.44 | 100 | 3 |
| 20 | BP209 P | Biochemistry | 2.96 | 2.072 | 2.77 | 0.831 | 2.903 | 2.23 | 100 | 3 |
| 21 | BP210 P | Computer Applications in Pharmacy | 2.96 | 2.072 | 3 | 0.9 | 2.972 | 2.46 | 100 | 3 |
| **B. Pharmacy Second Year III Semester** | | | | | | | | | | |
| 22 | BP301 T | Pharmaceutical Organic Chemistry II | 0.92 | 0.69 | 2.7 | 0.675 | 1.365 | 2.18 | 62.61 | 1.87 |
| 23 | BP302 T | Physical Pharmaceutics I | 2.13 | 1.5975 | 2.41 | 0.6025 | 2.2 | 2.37 | 92.82 | 2.78 |
| 24 | BP303 T | Pharmaceutical Microbiology | 1.32 | 0.99 | 2.58 | 0.645 | 1.635 | 2 | 81.75 | 2.45 |
| 25 | BP304 T | Pharmaceutical Engineering | 1.86 | 1.395 | 2.34 | 0.585 | 1.98 | 1.94 | 100 | 3 |
| 26 | 5555 | Environmental Science | 3 | 2.25 | 3 | 0.75 | 3 | 2.37 | 100 | 3 |
| 27 | BP305P | Pharmaceutical Organic Chemistry II | 2.41 | 1.687 | 2.89 | 0.867 | 2.554 | 2.35 | 100 | 3 |
| 28 | BP306P | Physical Pharmaceutics I | 2.26 | 1.582 | 2.89 | 0.867 | 2.449 | 2 | 100 | 3 |
| 29 | BP307P | Pharmaceutical Microbiology | 2.31 | 1.617 | 2.64 | 0.792 | 2.409 | 2.66 | 90.56 | 2.71 |
| 30 | BP 308P | Pharmaceutical Engineering | 2.79 | 1.953 | 2.65 | 0.795 | 2.748 | 2.44 | 100 | 3 |
| **B. Pharmacy Second Year IV Semester** | | | | | | | | | | |
| 31 | BP401 T | Pharmaceutical Organic Chemistry III | 1.09 | 0.8175 | 2.72 | 0.68 | 1.4975 | 2.08 | 71.99 | 2.15 |
| 32 | BP402 T | Medicinal Chemistry I | 0.53 | 0.3975 | 2.5 | 0.625 | 1.0225 | 2.12 | 48.23 | 1.44 |
| 33 | BP403T | Physical Pharmaceutics II | 1.72 | 1.29 | 2.65 | 0.6625 | 1.9525 | 2.37 | 82.38 | 2.47 |
| 34 | BP404T | Pharmacology I | 1.01 | 0.7575 | 2.4 | 0.6 | 1.3575 | 1.95 | 69.61 | 2.08 |
| 35 | BP405T | Pharmacognosy and Phytochemistry I | 0.89 | 0.6675 | 2.71 | 0.6775 | 1.345 | 2.26 | 59.51 | 1.78 |
| 36 | BP406P | Medicinal Chemistry I | 2.56 | 1.708 | 2.89 | 0.867 | 2.575 | 2.71 | 95.01 | 2.85 |
| 37 | BP407P | Physical Pharmaceutics II | 2.86 | 1.708 | 2.95 | 0.885 | 2.593 | 2.2 | 100 | 3 |
| 38 | BP408P | Pharmacology I | 2.63 | 1.708 | 2.46 | 0.738 | 2.446 | 2.32 | 100 | 3 |
| 39 | BP409P | Pharmacognosy and Phytochemistry I | 2.8 | 1.708 | 2.77 | 0.831 | 2.539 | 2.66 | 95.45 | 2.86 |



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| **B. Pharmacy Third Year V Semester** | | | | | | | | | | |
| 40 | T 3.5.1. | Pharmaceutical Chemistry – VI (Medicinal Chemistry - I) | 0.51 | 0.408 | 1.89 | 0.378 | 0.786 | 1.33 | 59.09 | 1.77 |
| 41 | P 3.5.1. | Pharmaceutical Chemistry – VI (Medicinal Chemistry - I) | 2.45 | 1.96 | 2.66 | 0.532 | 2.492 | 2.02 | 100 | 3 |
| 42 | T 3.5.2. | Pharmaceutics – VI (Pharmaceutical Technology I) | 1.37 | 1.096 | 2.74 | 0.548 | 1.644 | 2.35 | 69.95 | 2.09 |
| 43 | P 3.5.2. | Pharmaceutics – VI (Pharmaceutical Technology I) | 2.5 | 2 | 2.46 | 0.492 | 2.492 | 2.22 | 100 | 3 |
| 44 | T 3.5.3. | Pharmacology – I | 0.95 | 0.76 | 1.07 | 0.214 | 0.974 | 1.27 | 76.69 | 2.30 |
| 45 | P 3.5.3. | Pharmacology – I | 2.27 | 1.816 | 2.34 | 0.468 | 2.284 | 1.95 | 100 | 3 |
| 46 | T 3.5.4. | Pharmacognosy –IV | 0.65 | 0.52 | 1.74 | 0.348 | 0.868 | 2.25 | 38.57 | 1.15 |
| 47 | P 3.5.4. | Pharmacognosy –IV | 2.03 | 1.624 | 2.89 | 0.578 | 2.202 | 1.85 | 100 | 3 |
| 48 | T 3.5.5. | Pharmaceutical Analysis-II | 0.77 | 0.616 | 1.69 | 0.338 | 0.954 | 2.28 | 41.84 | 1.25 |
| 49 | P 3.5.5. | Pharmaceutical Analysis-II | 2.5 | 2 | 2.59 | 0.518 | 2.518 | 2.01 | 100 | 3 |
| **B. Pharmacy Third Year VI Semester** | | | | | | | | | | |
| 50 | T 3.6.1. | Pharmaceutical Chemistry - VII (Medicinal Chemistry -II) | 0.52 | 0.416 | 1.72 | 0.344 | 0.76 | 2.15 | 35.34 | 1.06 |
| 51 | P 3.6.1. | Pharmaceutical Chemistry – VII (Medicinal Chemistry - II) | 2.63 | 2.104 | 2.72 | 0.544 | 2.648 | 2.41 | 100 | 3 |
| 52 | T 3.6.2. | Pharmaceutics –VII (Biopharmaceutics & Pharmacokinetics) | 1 | 0.8 | 2.75 | 0.55 | 1.35 | 1.57 | 85.98 | 2.57 |
| 53 | P. 3.6.2. | Pharmaceutics –VII (Biopharmaceutics & Pharmacokinetics) | 2.67 | 2.136 | 2.92 | 0.584 | 2.72 | 1.89 | 100 | 3 |
| 54 | T. 3.6.3. | Pharmacology –II | 0.5 | 0.4 | 2.15 | 0.43 | 0.83 | 1.95 | 42.56 | 1.27 |
| 55 | P 3.6.3. | Pharmacology –II | 2.38 | 1.904 | 2.66 | 0.532 | 2.436 | 1.89 | 100 | 3 |
| 56 | T 3.6.4. | Pharmacognosy - V (Chemistry of Natural Products) | 0.73 | 0.584 | 1.63 | 0.326 | 0.91 | 2.05 | 44.39 | 1.33 |
| 57 | P 3.6.4. | Pharmacognosy - V (Chemistry of Natural Products) | 2.55 | 2.04 | 2.83 | 0.566 | 2.606 | 2.31 | 100 | 3 |
| 58 | T 3.6.5. | Pharmaceutical Jurisprudence & Ethics | 0.86 | 0.688 | 1.16 | 0.232 | 0.92 | 2.33 | 39.48 | 1.18 |
| 59 | 3.6.6 | Project report | 2.5 | 2 | 3 | 0.6 | 2.6 | 2.05 | 100 | 3 |



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|---|---|---|---|---|---|---|---|---|---|---|
| **B. Pharmacy Final Year VII Semester** | | | | | | | | | | |
| 60 | T 4.7.1. | Pharmaceutics – VIII (Pharmaceutical Technology - II) | 1.16 | 0.928 | 1.71 | 0.342 | 1.27 | 2.02 | 62.87 | 1.88 |
| 61 | P. 4.7.1. | Pharmaceutics – VIII (Pharmaceutical Technology - II) | 2.67 | 2.136 | 2.74 | 0.548 | 2.684 | 2.21 | 100 | 3 |
| 62 | T 4.7.2. | Pharmaceutical Chemistry- VIII (Medicinal Chemistry – III) | 1.22 | 0.976 | 0.71 | 0.142 | 1.118 | 2.22 | 50.36 | 1.51 |
| 63 | P 4.7.2 | Pharmaceutical Chemistry-VIII (Medicinal Chemistry – III) | 2.66 | 2.128 | 2.28 | 0.456 | 2.584 | 2.09 | 100 | 3 |
| 64 | T 4.7.3. | Pharmacology –III | 0.57 | 0.456 | 2.16 | 0.432 | 0.888 | 1.95 | 45.53 | 1.36 |
| 65 | P 4.7.3. | Pharmacology –III | 2.44 | 1.952 | 1.94 | 0.388 | 2.34 | 2.33 | 100 | 3 |
| 66 | T.4.7.4. | Pharmaceutical Analysis-III | 0.91 | 0.728 | 0.81 | 0.162 | 0.89 | 1.85 | 48.10 | 1.44 |
| 67 | P.4.7.4. | Pharmaceutical Analysis-III | 2.79 | 2.232 | 2.61 | 0.522 | 2.754 | 2 | 100 | 3 |
| 68 | T 4.7.5. | Pharmaceutical Biotechnology | 0.77 | 0.616 | 1.77 | 0.354 | 0.97 | 2.01 | 48.25 | 1.44 |
| 69 | T 4.7.6. | Pharmaceutical Industrial Management | 1.16 | 0.928 | 0.64 | 0.128 | 1.056 | 1.85 | 57.08 | 1.71 |
| **B. Pharmacy Final Year VIII Semester** | | | | | | | | | | |
| 70 | T 4.8. 1. | Pharmaceutics – IX | 1.06 | 0.848 | 2.59 | 0.518 | 1.366 | 1.89 | 72.27 | 2.16 |
| 71 | P 4.8. 1. | Pharmaceutics – IX | 2.88 | 2.304 | 2.83 | 0.566 | 2.87 | 2.3 | 100 | 3 |
| 72 | T 4.8.2. | Pharmaceutical Analysis – IV | 0.55 | 0.44 | 1.42 | 0.284 | 0.724 | 1.89 | 38.30 | 1.14 |
| 73 | P 4.8.2. | Pharmaceutical Analysis – IV | 2.91 | 2.328 | 2.61 | 0.522 | 2.85 | 2.14 | 100 | 3 |
| 74 | T 4.8.3. | Pharmaceutical Chemistry-IX (Medicinal Chemistry- IV) | 0.49 | 0.392 | 0.81 | 0.162 | 0.554 | 2.31 | 23.98 | 0.71 |
| 75 | P 4.8.3. | Pharmaceutical Chemistry–IX (Medicinal Chemistry- IV) | 2.88 | 2.304 | 2.45 | 0.49 | 2.794 | 2.21 | 100 | 3 |
| 76 | T 4.8.4. | Pharmacognosy – VI | 1.16 | 0.928 | 1.61 | 0.322 | 1.25 | 2.05 | 60.97 | 1.82 |
| 77 | P. 4.8.4. | Pharmacognosy – VI | 2.1 | 1.68 | 3 | 0.6 | 2.28 | 2.25 | 100 | 3 |
| 78 | T.4.8.5. | Pharmacology - IV (Clinical Pharmacy & Drug Interactions) | 1.2 | 0.96 | 2.72 | 0.544 | 1.504 | 1.94 | 77.52 | 2.32 |
| 79 | T.4.8.6. | Pharma Marketing | 0.84 | 0.672 | 0.16 | 0.032 | 0.704 | 1.86 | 37.84 | 1.13 |
| 80 | P.4.8.7. 1 | Industrial Training Report | 2.5 | 2 | 3 | 0.6 | 2.6 | 2.21 | 100 | 3 |

## Course Outcome Attainment - University + Internal Marks (2019-20)

| S N | Course code | Course name | University attainment | | Sessional attainment | | Attainment level | | %Attainment (Achieved / required) X 100 | Attainment in scale 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 100% | 75% (100 % X 0.75) | 100% | 25% (100% X 0.25) | Achieved | Required | | |
| **B. Pharmacy First Year I Semester** | | | | | | | | | | |
| 1 | BP101 T | Human Anatomy and Physiology I | 1.32 | 0.99 | 1.59 | 0.40 | 1.39 | 2.08 | 66.71 | 2.00 |
| 2 | BP102 T | Pharmaceutical Analysis-I | 0.59 | 0.44 | 2.66 | 0.67 | 1.11 | 2.25 | 49.22 | 1.48 |
| 3 | BP103 T | Pharmaceutics I | 1.27 | 0.95 | 2.77 | 0.69 | 1.65 | 2.20 | 74.77 | 2.24 |
| 4 | BP104 T | Pharmaceutical Inorganic Chemistry | 0.55 | 0.41 | 2.44 | 0.61 | 1.02 | 1.20 | 85.21 | 2.56 |
| 5 | BP105T | Communication skills | 2.54 | 1.91 | 2.48 | 0.62 | 2.53 | 2.60 | 97.12 | 2.91 |
| 6 | BP106 RBT | Remedial Biology | | 2.41 | | 2.55 | 4.96 | 2.25 | 100.00 | 3.00 |
| 7 | BP107 P | Human Anatomy and Physiology | 2.2 | 1.54 | 2.69 | 0.81 | 2.35 | 1.81 | 100.00 | 3.00 |
| 8 | BP108 P | Pharmaceutical Analysis I | 2.91 | 2.04 | 2.97 | 0.89 | 2.93 | 2.23 | 100.00 | 3.00 |
| 9 | BP109 P | Pharmaceutics I | 2.73 | 1.91 | 2.98 | 0.89 | 2.81 | 2.71 | 100.00 | 3.00 |
| 10 | BP110 P | Pharmaceutical Inorganic Chemistry | 2.7 | 1.89 | 2.95 | 0.89 | 2.78 | 1.14 | 100.00 | 3.00 |
| 11 | BP111 P | Communication Skills | 2.81 | 1.97 | 2.91 | 0.87 | 2.84 | 2.50 | 100.00 | 3.00 |
| 12 | BP112 | Remedial Biology | 2.27 | 1.59 | 2.8 | 0.84 | 2.43 | 2.25 | 100.00 | 3.00 |
| **B. Pharmacy First Year II Semester** | | | | | | | | | | |



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|---|---|---|---|---|---|---|---|---|---|---|
| 13 | BP201 T | Human Anatomy and Physiology II | 2.45 | 1.84 | 2.74 | 0.69 | 2.52 | 1.55 | 100.00 | 3.00 |
| 14 | BP202 T | Pharmaceutical Organic Chemistry I | 2.48 | 1.86 | 2.77 | 0.69 | 2.55 | 2.48 | 100.00 | 3.00 |
| 15 | BP203 T | Biochemistry | 2.52 | 1.89 | 2.89 | 0.72 | 2.61 | 2.11 | 100.00 | 3.00 |
| 16 | BP204 T | Pathophysiology | 2.57 | 1.93 | 2.9 | 0.73 | 2.65 | 1.73 | 100.00 | 3.00 |
| 17 | BP205 T | Computer Applications in Pharmacy | 0.44 | 0.33 | 2.83 | 0.71 | 1.04 | 1.70 | 61.03 | 1.83 |
| 18 | BP207 P | Human Anatomy and Physiology II | 2.44 | 1.71 | 2.87 | 0.86 | 2.57 | 1.93 | 100.00 | 3.00 |
| 19 | BP208 P | Pharmaceutical Organic Chemistry I | 2.38 | 1.67 | 2.78 | 0.83 | 2.50 | 2.44 | 100.00 | 3.00 |
| 20 | BP209 P | Biochemistry | 2.5 | 1.75 | 3 | 0.90 | 2.65 | 2.23 | 100.00 | 3.00 |
| 21 | BP210 P | Computer Applications in Pharmacy | 2.41 | 1.69 | 3 | 0.90 | 2.59 | 2.46 | 100.00 | 3.00 |
| **B. Pharmacy Second Year III Semester** | | | | | | | | | | |
| 22 | BP301 T | Pharmaceutical Organic Chemistry II | 1.15 | 0.86 | 2.84 | 0.71 | 1.57 | 2.18 | 72.13 | 2.16 |
| 23 | BP302 T | Physical Pharmaceutics I | 1.66 | 1.25 | 2.87 | 0.72 | 1.96 | 2.37 | 82.81 | 2.48 |
| 24 | BP303 T | Pharmaceutical Microbiology | 1.34 | 1.01 | 2.93 | 0.73 | 1.74 | 2.00 | 86.88 | 2.61 |
| 25 | BP304 T | Pharmaceutical Engineering | 0.93 | 0.70 | 2.77 | 0.69 | 1.39 | 1.94 | 71.65 | 2.15 |
| 26 | 5555 | Environmental Science | 2.34 | 1.87 | 2.67 | 0.53 | 2.41 | 2.37 | 100.00 | 3.00 |
| 27 | BP305P | Pharmaceutical Organic Chemistry II | 2.78 | 1.95 | 2.87 | 0.86 | 2.81 | 2.35 | 100.00 | 3.00 |
| 28 | BP306P | Physical Pharmaceutics I | 3 | 2.10 | 3 | 0.90 | 3.00 | 2.00 | 100.00 | 3.00 |
| 29 | BP307P | Pharmaceutical Microbiology | 2.8 | 1.96 | 2.87 | 0.86 | 2.82 | 2.66 | 100.00 | 3.00 |
| 30 | BP 308P | Pharmaceutical Engineering | 2.89 | 2.02 | 3 | 0.90 | 2.92 | 2.44 | 100.00 | 3.00 |
| **B. Pharmacy Second Year IV Semester** | | | | | | | | | | |
| 31 | BP401 T | Pharmaceutical Organic Chemistry III | 2.72 | 2.04 | 2.9 | 0.73 | 2.77 | 2.08 | 100.00 | 3.00 |



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|---|---|---|---|---|---|---|---|---|---|---|
| 32 | BP402 T | Medicinal Chemistry I | 2.66 | 2.00 | 2.84 | 0.71 | 2.71 | 2.12 | 100.00 | 3.00 |
| 33 | BP403T | Physical Pharmaceutics II | 2.77 | 2.08 | 3 | 0.75 | 2.83 | 2.37 | 100.00 | 3.00 |
| 34 | BP404T | Pharmacology I | 2.62 | 1.97 | 2.77 | 0.69 | 2.66 | 1.95 | 100.00 | 3.00 |
| 35 | BP405T | Pharmacognosy and Phytochemistry I | 2.71 | 2.03 | 2.89 | 0.72 | 2.76 | 2.26 | 100.00 | 3.00 |
| 36 | BP406P | Medicinal Chemistry I | 2.74 | 1.92 | 2.93 | 0.88 | 2.80 | 2.71 | 100.00 | 3.00 |
| 37 | BP407P | Physical Pharmaceutics II | 2.75 | 1.93 | 3 | 0.90 | 2.83 | 2.20 | 100.00 | 3.00 |
| 38 | BP408P | Pharmacology I | 2.57 | 1.80 | 2.77 | 0.83 | 2.63 | 2.32 | 100.00 | 3.00 |
| 39 | BP409P | Pharmacognosy and Phytochemistry I | 2.71 | 1.90 | 2.98 | 0.89 | 2.79 | 2.66 | 100.00 | 3.00 |
| **B. Pharmacy Third Year V Semester** | | | | | | | | | | |
| 40 | BP501 T | Medicinal Chemistry II | 0.96 | 0.72 | 2.74 | 0.69 | 1.41 | 1.97 | 71.32 | 2.14 |
| 41 | BP502 T | Industrial Pharmacy I | 1.71 | 1.28 | 2.88 | 0.72 | 2.00 | 2.31 | 86.69 | 2.60 |
| 42 | BP503 T | Pharmacology II | 1.38 | 1.04 | 2.88 | 0.72 | 1.76 | 2.03 | 86.45 | 2.59 |
| 43 | BP504 T | Pharmacognosy and Phytochemistry II | 1.1 | 0.83 | 2.74 | 0.69 | 1.51 | 2.41 | 62.66 | 1.88 |
| 44 | BP505 T | Pharmaceutical Jurisprudence | 1.86 | 1.40 | 2.86 | 0.72 | 2.11 | 1.50 | 100.00 | 3.00 |
| 45 | BP506P | Industrial Pharmacy I | 2.89 | 2.02 | 2.93 | 0.88 | 2.90 | 2.42 | 100.00 | 3.00 |
| 46 | BP507P | Pharmacology II | 1.98 | 1.39 | 3 | 0.90 | 2.29 | 2.47 | 92.55 | 2.78 |
| 47 | BP508P | Pharmacognosy and Phytochemistry II | 2.11 | 1.48 | 2.89 | 0.87 | 2.34 | 2.25 | 100.00 | 3.00 |
| **B. Pharmacy Third Year VI Semester** | | | | | | | | | | |
| 48 | BP601 T | Medicinal Chemistry III | 2.57 | 1.93 | 2.79 | 0.70 | 2.63 | 1.92 | 100.00 | 3.00 |
| 49 | BP602 T | Pharmacology III | 2.67 | 2.00 | 2.91 | 0.73 | 2.73 | 2.44 | 100.00 | 3.00 |
| 50 | BP603 T | Herbal Drug Technology | 2.83 | 2.12 | 3 | 0.75 | 2.87 | 2.23 | 100.00 | 3.00 |
| 51 | BP604 T | Biopharmaceutics and Pharmacokinetics | 2.74 | 2.06 | 2.88 | 0.72 | 2.78 | 2.22 | 100.00 | 3.00 |

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|---|---|---|---|---|---|---|---|---|---|---|
| 52 | BP605 T | Pharmaceutical Biotechnology | 2.55 | 1.91 | 2.84 | 0.71 | 2.62 | 2.12 | 100.00 | 3.00 |
| 53 | BP606 T | Quality Assurance | 2.5 | 1.88 | 2.77 | 0.69 | 2.57 | 1.74 | 100.00 | 3.00 |
| 54 | BP607P | Medicinal chemistry III | 2.66 | 1.86 | 3 | 0.90 | 2.76 | 1.25 | 100.00 | 3.00 |
| 55 | BP608P | Pharmacology III | 2.55 | 1.79 | 2.96 | 0.89 | 2.67 | 2.27 | 100.00 | 3.00 |
| 56 | BP609P | Herbal Drug Technology | 2.55 | 1.79 | 2.81 | 0.84 | 2.63 | 2.25 | 100.00 | 3.00 |
| **B. Pharmacy Final Year VII Semester** | | | | | | | | | | |
| 57 | T 4.7.1. | Pharmaceutics – VIII (Pharmaceutical Technology - II) | 1.47 | 1.18 | 2.35 | 0.47 | 1.65 | 2.02 | 81.49 | 2.44 |
| 58 | P. 4.7.1. | Pharmaceutics – VIII (Pharmaceutical Technology - II) | 2.46 | 1.97 | 2.79 | 0.56 | 2.53 | 2.21 | 100.00 | 3.00 |
| 59 | T 4.7.2. | Pharmaceutical Chemistry- VIII (Medicinal Chemistry – III) | 0.77 | 0.62 | 1.43 | 0.29 | 0.90 | 2.22 | 40.63 | 1.22 |
| 60 | P 4.7.2 | Pharmaceutical Chemistry-VIII (Medicinal Chemistry – III) | 2.58 | 2.06 | 1.88 | 0.38 | 2.44 | 2.09 | 100.00 | 3.00 |
| 61 | T 4.7.3. | Pharmacology –III | 0.98 | 0.78 | 1.92 | 0.38 | 1.17 | 1.95 | 59.90 | 1.80 |
| 62 | P 4.7.3. | Pharmacology –III | 1.64 | 1.31 | 2.43 | 0.49 | 1.80 | 2.33 | 77.17 | 2.32 |
| 63 | T.4.7.4. | Pharmaceutical Analysis-III | 0.74 | 0.59 | 2.08 | 0.42 | 1.01 | 1.85 | 54.49 | 1.63 |
| 64 | P.4.7.4. | Pharmaceutical Analysis-III | 2.7 | 2.16 | 2.88 | 0.58 | 2.74 | 2.00 | 100.00 | 3.00 |
| 65 | T 4.7.5. | Pharmaceutical Biotechnology | 1.17 | 0.94 | 1.82 | 0.36 | 1.30 | 2.01 | 64.68 | 1.94 |
| 66 | T 4.7.6. | Pharmaceutical Industrial Management | 1.47 | 1.18 | 1.95 | 0.39 | 1.57 | 1.85 | 84.65 | 2.54 |
| **B. Pharmacy Final Year VIII Semester** | | | | | | | | | | |
| 67 | T 4.8. 1. | Pharmaceutics – IX | 2.92 | 2.34 | 2.23 | 0.45 | 2.78 | 1.89 | 100.00 | 3.00 |
| 68 | P 4.8. 1. | Pharmaceutics – IX | 2.23 | 1.78 | 2.49 | 0.50 | 2.28 | 2.30 | 99.22 | 2.98 |
| 69 | T 4.8.2. | Pharmaceutical Analysis – IV | 2.89 | 2.31 | 2.46 | 0.49 | 2.80 | 1.89 | 100.00 | 3.00 |
| 70 | P 4.8.2. | Pharmaceutical Analysis – IV | 2.91 | 2.33 | 2.56 | 0.51 | 2.84 | 2.14 | 100.00 | 3.00 |
| 71 | T 4.8.3. | Pharmaceutical Chemistry-IX (Medicinal Chemistry- IV) | 2.89 | 2.31 | 2.05 | 0.41 | 2.72 | 2.31 | 100.00 | 3.00 |



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|---|---|---|---|---|---|---|---|---|---|---|
| 72 | P 4.8.3. | Pharmaceutical Chemistry–IX (Medicinal Chemistry- IV) | 2.65 | 2.12 | 2.41 | 0.48 | 2.60 | 2.21 | 100.00 | 3.00 |
| 73 | T 4.8.4. | Pharmacognosy – VI | 2.83 | 2.26 | 2.38 | 0.48 | 2.74 | 2.05 | 100.00 | 3.00 |
| 74 | P. 4.8.4. | Pharmacognosy – VI | 2.07 | 1.66 | 2.71 | 0.54 | 2.20 | 2.25 | 97.69 | 2.93 |
| 75 | T.4.8.5. | Pharmacology - IV (Clinical Pharmacy & Drug Interactions) | 2.97 | 2.38 | 2.59 | 0.52 | 2.89 | 1.94 | 100.00 | 3.00 |
| 76 | T.4.8.6. | Pharma Marketing (Theory) | 2.76 | 2.21 | 2.88 | 0.58 | 2.78 | 1.86 | 100.00 | 3.00 |
| 77 | P.4.8.7.1 | Industrial Training Report | 2.52 | 2.02 | 2.76 | 0.55 | 2.57 | 2.21 | 100.00 | 3.00 |

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President :
Shri Amrishbhai R. Patel
M.L.A.

Principal :
Dr. S. B. Bari
M.Pharm. Ph.D., D.I.M.F.J.C.

## Course Outcome Attainment - University + Internal Marks (2020-21)

| S N | Course Code | Course name | University attainment | | Sessional attainment | | Attainment level | | %Attainment (Achieved / required) X 100 | Attainment in scale 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 100% | 75% (100 % X 0.75) | 100% | 25% (100% X 0.25) | Achieved | Required | | |
| **B. Pharmacy First Year I Semester** | | | | | | | | | | |
| 1 | BP101 T | Human Anatomy and Physiology I | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 2.08 | 100.00 | 3.0 |
| 2 | BP102 T | Pharmaceutical Analysis-I | 2.7 | 2.03 | 3.0 | 0.75 | 2.78 | 2.25 | 100.00 | 3.0 |
| 3 | BP103 T | Pharmaceutics I | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 2.20 | 100.00 | 3.0 |
| 4 | BP104 T | Pharmaceutical Inorganic Chemistry | 3.0 | 2.24 | 3.0 | 0.75 | 2.99 | 1.20 | 100.00 | 3.0 |
| 5 | BP105T | Communication skills | 2.9 | 2.20 | 2.9 | 0.74 | 2.93 | 2.60 | 100.00 | 3.0 |
| 6 | BP106 RBT | Remedial Biology | 3.0 | 2.21 | 2.9 | 0.74 | 2.95 | 2.25 | 100.00 | 3.0 |
| 7 | BP107 P | Human Anatomy and Physiology | 3.0 | 2.08 | 3.0 | 0.90 | 2.98 | 1.81 | 100.00 | 3.0 |
| 8 | BP108 P | Pharmaceutical Analysis I | 2.9 | 2.05 | 2.9 | 0.88 | 2.93 | 2.23 | 100.00 | 3.0 |
| 9 | BP109 P | Pharmaceutics I | 3.0 | 2.10 | 3.0 | 0.90 | 3.00 | 2.71 | 100.00 | 3.0 |
| 10 | BP110 P | Pharmaceutical Inorganic Chemistry | 3.0 | 2.10 | 3.0 | 0.90 | 3.00 | 1.14 | 100.00 | 3.0 |
| 11 | BP111 P | Communication Skills | 2.6 | 1.83 | 2.9 | 0.86 | 2.69 | 2.50 | 100.00 | 3.0 |
| 12 | BP112 P | Remedial Biology | 2.9 | 2.04 | 3.0 | 0.89 | 2.93 | 2.25 | 100.00 | 3.0 |
| **B. Pharmacy First Year II Semester** | | | | | | | | | | |
| 13 | BP201 T | Human Anatomy and Physiology II | 3.0 | 2.25 | 2.9 | 0.72 | 2.97 | 1.55 | 100.00 | 3.0 |
| 14 | BP202 T | Pharmaceutical Organic Chemistry I | 3.0 | 2.25 | 3.0 | 0.74 | 2.99 | 2.48 | 100.00 | 3.0 |
| 15 | BP203 T | Biochemistry | 3.0 | 2.25 | 3.0 | 0.74 | 2.99 | 2.11 | 100.00 | 3.0 |
| 16 | BP204 T | Pathophysiology | 3.0 | 2.25 | 3.0 | 0.74 | 2.99 | 1.73 | 100.00 | 3.0 |



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|---|---|---|---|---|---|---|---|---|---|---|
| 17 | BP205 T | Computer Applications in Pharmacy | 2.0 | 1.49 | 3.0 | 0.89 | 2.37 | 1.70 | 100.00 | 3.0 |
| 18 | BP207 P | Human Anatomy and Physiology II | 3.0 | 2.07 | 3.0 | 0.89 | 2.96 | 1.93 | 100.00 | 3.0 |
| 19 | BP208 P | Pharmaceutical Organic Chemistry I | 3.0 | 2.07 | 3.0 | 0.89 | 2.97 | 2.44 | 100.00 | 3.0 |
| 20 | BP209 P | Biochemistry | 3.0 | 2.07 | 3.0 | 0.89 | 2.96 | 2.23 | 100.00 | 3.0 |
| 21 | BP210 P | Computer Applications in Pharmacy | 3.0 | 2.09 | 3.0 | 0.90 | 2.99 | 2.46 | 100.00 | 3.0 |
| **B. Pharmacy Second Year III Semester** | | | | | | | | | | |
| 22 | BP301 T | Pharmaceutical Organic Chemistry II | 3.0 | 2.24 | 2.9 | 0.72 | 2.97 | 2.18 | 100.00 | 3.0 |
| 23 | BP302 T | Physical Pharmaceutics I | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 2.37 | 100.00 | 3.0 |
| 24 | BP303 T | Pharmaceutical Microbiology | 3.0 | 2.23 | 2.9 | 0.74 | 2.96 | 2.00 | 100.00 | 3.0 |
| 25 | BP304 T | Pharmaceutical Engineering | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 1.94 | 100.00 | 3.0 |
| 26 | 5555 | Environmental Science | 2.9 | 2.34 | 3.0 | 0.60 | 2.94 | 2.37 | 100.00 | 3.0 |
| 27 | BP305P | Pharmaceutical Organic Chemistry II | 2.8 | 1.95 | 2.8 | 0.83 | 2.78 | 2.35 | 100.00 | 3.0 |
| 28 | BP306P | Physical Pharmaceutics I | 2.8 | 1.93 | 3.0 | 0.90 | 2.82 | 2.00 | 100.00 | 3.0 |
| 29 | BP307P | Pharmaceutical Microbiology | 2.6 | 1.83 | 2.9 | 0.87 | 2.70 | 2.66 | 100.00 | 3.0 |
| 30 | BP 308P | Pharmaceutical Engineering | 3.0 | 2.10 | 3.0 | 0.90 | 3.00 | 2.44 | 100.00 | 3.0 |
| **B. Pharmacy Second Year IV Semester** | | | | | | | | | | |
| 31 | BP401 T | Pharmaceutical Organic Chemistry III | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 2.08 | 100.00 | 3.0 |
| 32 | BP402 T | Medicinal Chemistry I | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 2.12 | 100.00 | 3.0 |
| 33 | BP403T | Physical Pharmaceutics II | 2.9 | 2.21 | 3.0 | 0.74 | 2.95 | 2.37 | 100.00 | 3.0 |
| 34 | BP404T | Pharmacology I | 3.0 | 2.24 | 3.0 | 0.75 | 2.98 | 1.95 | 100.00 | 3.0 |
| 35 | BP405T | Pharmacognosy and Phytochemistry I | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 2.26 | 100.00 | 3.0 |
| 36 | BP406P | Medicinal Chemistry I | 3.0 | 2.09 | 2.9 | 0.87 | 2.96 | 2.71 | 100.00 | 3.0 |
| 37 | BP407P | Physical Pharmaceutics II | 3.0 | 2.07 | 3.0 | 0.89 | 2.97 | 2.20 | 100.00 | 3.0 |
| 38 | BP408P | Pharmacology I | 2.8 | 1.97 | 3.0 | 0.89 | 2.85 | 2.32 | 100.00 | 3.0 |
| 39 | BP409P | Pharmacognosy and Phytochemistry I | 3.0 | 2.10 | 3.0 | 0.89 | 2.99 | 2.66 | 100.00 | 3.0 |



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|---|---|---|---|---|---|---|---|---|---|---|
| **B. Pharmacy Third Year V Semester** | | | | | | | | | | |
| 40 | BP501 T | Medicinal Chemistry II | 3.0 | 2.24 | 3.0 | 0.75 | 2.99 | 1.97 | 100.00 | 3.0 |
| 41 | BP502 T | Industrial Pharmacy I | 3.0 | 2.25 | 3.0 | 0.74 | 2.99 | 2.31 | 100.00 | 3.0 |
| 42 | BP503 T | Pharmacology II | 3.0 | 2.25 | 3.0 | 0.74 | 2.99 | 2.03 | 100.00 | 3.0 |
| 43 | BP504 T | Pharmacognosy and Phytochemistry II | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 2.41 | 100.00 | 3.0 |
| 44 | BP505 T | Pharmaceutical Jurisprudence | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 1.50 | 100.00 | 3.0 |
| 45 | BP506P | Industrial Pharmacy I | 2.9 | 2.04 | 2.9 | 0.87 | 2.90 | 2.42 | 100.00 | 3.0 |
| 46 | BP507P | Pharmacology II | 2.9 | 2.02 | 2.7 | 0.80 | 2.83 | 2.47 | 100.00 | 3.0 |
| 47 | BP508P | Pharmacognosy and Phytochemistry II | 3.0 | 2.09 | 3.0 | 0.89 | 2.97 | 2.25 | 100.00 | 3.0 |
| **B. Pharmacy Third Year VI Semester** | | | | | | | | | | |
| 48 | BP601 T | Medicinal Chemistry III | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 1.92 | 100.00 | 3.0 |
| 49 | BP602 T | Pharmacology III | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 2.44 | 100.00 | 3.0 |
| 50 | BP603 T | Herbal Drug Technology | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 2.23 | 100.00 | 3.0 |
| 51 | BP604 T | Biopharmaceutics and Pharmacokinetics | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 2.22 | 100.00 | 3.0 |
| 52 | BP605 T | Pharmaceutical Biotechnology | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 2.12 | 100.00 | 3.0 |
| 53 | BP 606 T | Quality Assurance | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 1.74 | 100.00 | 3.0 |
| 54 | BP607P | Medicinal chemistry III | 3.0 | 2.10 | 2.7 | 0.81 | 2.91 | 1.25 | 100.00 | 3.0 |
| 55 | BP608P | Pharmacology III | 2.7 | 1.88 | 3.0 | 0.89 | 2.78 | 2.27 | 100.00 | 3.0 |
| 56 | BP609P | Herbal Drug Technology | 3.0 | 2.10 | 3.0 | 0.90 | 3.00 | 2.25 | 100.00 | 3.0 |
| **B. Pharmacy Final Year VII Semester** | | | | | | | | | | |
| 57 | BP701 T | Instrumental Methods of Analysis | 2.9 | 2.18 | 2.8 | 0.70 | 2.88 | 2.28 | 100.00 | 3.0 |
| 58 | BP702 T | Industrial Pharmacy II | 3.0 | 2.25 | 2.9 | 0.73 | 2.98 | 1.91 | 100.00 | 3.0 |
| 59 | BP703 T | Pharmacy Practice | 3.0 | 2.25 | 2.8 | 0.69 | 2.94 | 1.27 | 100.00 | 3.0 |
| 60 | BP704 T | Novel Drug Delivery System | 3.0 | 2.25 | 2.9 | 0.72 | 2.97 | 2.05 | 100.00 | 3.0 |
| 61 | BP705P | Instrumental Methods of Analysis | 2.5 | 1.72 | 2.6 | 0.78 | 2.50 | 2.57 | 97.08 | 2.9 |
| 62 | BP706PS | Practice School* | 2.9 | 2.37 | 2.9 | 0.49 | 2.85 | 3.00 | 95.06 | 2.9 |
| **B. Pharmacy Final Year VIII Semester** | | | | | | | | | | |



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|---|---|---|---|---|---|---|---|---|---|---|
| 63 | BP801 T | Biostatistics and Research Methodology | 2.3 | 1.70 | 2.3 | 0.57 | 2.26 | 2.15 | 100.00 | 3.0 |
| 64 | BP802 T | Social and Preventive Pharmacy | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 1.57 | 100.00 | 3.0 |
| 65 | BP804 ET | Pharmaceutical Regulatory Science | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 1.95 | 100.00 | 3.0 |
| 66 | BP806 ET | Quality Control and Standardization of Herbals | 3.0 | 2.25 | 3.0 | 0.75 | 3.00 | 2.05 | 100.00 | 3.0 |
| 67 | BP813 PW | Project Work | 2.4 | 2.42 | 0.0 | 0.00 | 2.42 | 2.33 | 100.00 | 3.0 |

## Course Outcome Attainment - University + Internal Marks (2021-22)

| S N | Course Code | Course name | University attainment | | Sessional attainment | | Attainment level | | %Attainment (Achieved / required) X 100 | Attainment in scale 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 100% | 75% (100 % X 0.75) | 100% | 25% (100% X 0.25) | Achieved | Required | | |
| **B. Pharmacy First Year I Semester** | | | | | | | | | | |
| 1 | BP101 T | Human Anatomy and Physiology I | 2.95 | 2.21 | 2.51 | 0.63 | 2.84 | 2.08 | 100.00 | 3.00 |
| 2 | BP102 T | Pharmaceutical Analysis-I | 2.07 | 1.55 | 2.82 | 0.71 | 2.26 | 2.25 | 100.00 | 3.00 |
| 3 | BP103 T | Pharmaceutics I | 2.96 | 2.22 | 2.84 | 0.71 | 2.93 | 2.20 | 100.00 | 3.00 |
| 4 | BP104 T | Pharmaceutical Inorganic Chemistry | 2.63 | 1.97 | 2.81 | 0.70 | 2.68 | 1.20 | 100.00 | 3.00 |
| 5 | BP105T | Communication skills | 2.98 | 2.24 | 2.89 | 0.72 | 2.96 | 2.60 | 100.00 | 3.00 |
| 6 | BP106 RBT | Remedial Biology | 2.58 | 1.94 | 2.22 | 0.56 | 2.49 | 2.25 | 100.00 | 3.00 |
| 7 | BP107 P | Human Anatomy and Physiology | 2.68 | 1.88 | 2.75 | 0.83 | 2.70 | 1.81 | 100.00 | 3.00 |
| 8 | BP108 P | Pharmaceutical Analysis I | 2.99 | 2.09 | 2.97 | 0.89 | 2.98 | 2.23 | 100.00 | 3.00 |
| 9 | BP109 P | Pharmaceutics I | 2.95 | 2.07 | 2.99 | 0.90 | 2.96 | 2.71 | 100.00 | 3.00 |
| 10 | BP110 P | Pharmaceutical Inorganic Chemistry | 2.98 | 2.09 | 2.96 | 0.89 | 2.97 | 1.14 | 100.00 | 3.00 |
| 11 | BP111 P | Communication Skills | 3.00 | 2.10 | 2.84 | 0.85 | 2.95 | 2.50 | 100.00 | 3.00 |
| 12 | BP112 P | Remedial Biology | 3.00 | 2.10 | 3.00 | 0.90 | 3.00 | 2.25 | 100.00 | 3.00 |
| **B. Pharmacy First Year II Semester** | | | | | | | | | | |
| 13 | BP201 T | Human Anatomy and Physiology II | 2.52 | 1.89 | 2.69 | 0.67 | 2.56 | 1.55 | 100.00 | 3.00 |
| 14 | BP202 T | Pharmaceutical Organic Chemistry I | 2.16 | 1.62 | 2.80 | 0.70 | 2.32 | 2.48 | 93.55 | 2.81 |
| 15 | BP203 T | Biochemistry | 1.06 | 0.80 | 2.94 | 0.74 | 1.53 | 2.11 | 72.51 | 2.18 |
| 16 | BP204 T | Pathophysiology | 2.30 | 1.73 | 2.86 | 0.72 | 2.44 | 1.73 | 100.00 | 3.00 |



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|---|---|---|---|---|---|---|---|---|---|---|
| 17 | BP205 T | Computer Applications in Pharmacy | 2.94 | 2.21 | 2.83 | 0.85 | 3.05 | 1.70 | 100.00 | 3.00 |
| 18 | BP207 P | Human Anatomy and Physiology II | 2.68 | 1.88 | 2.57 | 0.77 | 2.65 | 1.93 | 100.00 | 3.00 |
| 19 | BP208 P | Pharmaceutical Organic Chemistry I | 2.82 | 1.97 | 2.99 | 0.90 | 2.87 | 2.44 | 100.00 | 3.00 |
| 20 | BP209 P | Biochemistry | 2.95 | 2.07 | 2.99 | 0.90 | 2.96 | 2.23 | 100.00 | 3.00 |
| 21 | BP210 P | Computer Applications in Pharmacy | 2.50 | 1.75 | 3.00 | 0.90 | 2.65 | 2.46 | 100.00 | 3.00 |
| **B. Pharmacy Second Year III Semester** | | | | | | | | | | |
| 22 | BP301 T | Pharmaceutical Organic Chemistry II | 2.62 | 1.97 | 2.86 | 0.72 | 2.68 | 2.18 | 100.00 | 3.00 |
| 23 | BP302 T | Physical Pharmaceutics I | 2.96 | 2.22 | 2.92 | 0.73 | 2.95 | 2.37 | 100.00 | 3.00 |
| 24 | BP303 T | Pharmaceutical Microbiology | 2.97 | 2.23 | 2.80 | 0.70 | 2.93 | 2.00 | 100.00 | 3.00 |
| 25 | BP304 T | Pharmaceutical Engineering | 2.97 | 2.23 | 2.90 | 0.73 | 2.95 | 1.94 | 100.00 | 3.00 |
| 26 | 5555 | Environmental Science | 3.00 | 2.40 | 3.00 | 0.60 | 3.00 | 2.37 | 100.00 | 3.00 |
| 27 | BP305P | Pharmaceutical Organic Chemistry II | 2.87 | 2.01 | 2.99 | 0.90 | 2.91 | 2.35 | 100.00 | 3.00 |
| 28 | BP306P | Physical Pharmaceutics I | 2.96 | 2.07 | 2.98 | 0.89 | 2.97 | 2.00 | 100.00 | 3.00 |
| 29 | BP307P | Pharmaceutical Microbiology | 2.96 | 2.07 | 2.94 | 0.88 | 2.95 | 2.66 | 100.00 | 3.00 |
| 30 | BP 308P | Pharmaceutical Engineering | 2.97 | 2.08 | 2.99 | 0.90 | 2.98 | 2.44 | 100.00 | 3.00 |
| **B. Pharmacy Second Year IV Semester** | | | | | | | | | | |
| 31 | BP401 T | Pharmaceutical Organic Chemistry III | 1.98 | 1.49 | 2.70 | 0.68 | 2.16 | 2.08 | 100.00 | 3.00 |
| 32 | BP402 T | Medicinal Chemistry I | 0.34 | 0.26 | 2.89 | 0.72 | 0.98 | 2.12 | 46.11 | 1.38 |
| 33 | BP403T | Physical Pharmaceutics II | 1.80 | 1.35 | 2.86 | 0.72 | 2.07 | 2.37 | 87.13 | 2.61 |
| 34 | BP404T | Pharmacology I | 2.11 | 1.58 | 2.63 | 0.66 | 2.24 | 1.95 | 100.00 | 3.00 |
| 35 | BP405T | Pharmacognosy and Phytochemistry I | 1.20 | 0.90 | 2.88 | 0.72 | 1.62 | 2.26 | 71.68 | 2.15 |
| 36 | BP406P | Medicinal Chemistry I | 2.76 | 1.93 | 2.96 | 0.89 | 2.82 | 2.71 | 100.00 | 3.00 |
| 37 | BP407P | Physical Pharmaceutics II | 2.84 | 1.99 | 2.96 | 0.89 | 2.88 | 2.20 | 100.00 | 3.00 |
| 38 | BP408P | Pharmacology I | 2.47 | 1.73 | 2.92 | 0.88 | 2.61 | 2.32 | 100.00 | 3.00 |
| 39 | BP409P | Pharmacognosy and Phytochemistry I | 2.76 | 1.93 | 2.97 | 0.89 | 2.82 | 2.66 | 100.00 | 3.00 |



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|---|---|---|---|---|---|---|---|---|---|---|
| **B. Pharmacy Third Year V Semester** | | | | | | | | | | |
| 40 | BP501 T | Medicinal Chemistry II | 1.55 | 1.16 | 2.65 | 0.66 | 1.83 | 1.97 | 92.64 | 2.78 |
| 41 | BP502 T | Industrial Pharmacy I | 2.85 | 2.14 | 2.67 | 0.67 | 2.81 | 2.31 | 100.00 | 3.00 |
| 42 | BP503 T | Pharmacology II | 2.88 | 2.16 | 2.66 | 0.67 | 2.83 | 2.03 | 100.00 | 3.00 |
| 43 | BP504 T | Pharmacognosy and Phytochemistry II | 2.95 | 2.21 | 2.64 | 0.66 | 2.87 | 2.41 | 100.00 | 3.00 |
| 44 | BP505 T | Pharmaceutical Jurisprudence | 2.99 | 2.24 | 2.91 | 0.73 | 2.97 | 1.50 | 100.00 | 3.00 |
| 45 | BP506P | Industrial Pharmacy I | 3.00 | 2.10 | 2.81 | 0.84 | 2.94 | 2.42 | 100.00 | 3.00 |
| 46 | BP507P | Pharmacology II | 2.69 | 1.88 | 2.80 | 0.84 | 2.72 | 2.47 | 100.00 | 3.00 |
| 47 | BP508P | Pharmacognosy and Phytochemistry II | 2.98 | 2.09 | 2.99 | 0.90 | 2.98 | 2.25 | 100.00 | 3.00 |
| **B. Pharmacy Third Year VI Semester** | | | | | | | | | | |
| 48 | BP601 T | Medicinal Chemistry III | 0.90 | 0.68 | 2.93 | 0.73 | 1.41 | 1.92 | 73.31 | 2.20 |
| 49 | BP602 T | Pharmacology III | 2.48 | 1.86 | 2.47 | 0.62 | 2.48 | 2.44 | 100.00 | 3.00 |
| 50 | BP603 T | Herbal Drug Technology | 2.06 | 1.55 | 2.90 | 0.73 | 2.27 | 2.23 | 100.00 | 3.00 |
| 51 | BP604 T | Biopharmaceutics and Pharmacokinetics | 2.69 | 2.02 | 2.55 | 0.64 | 2.66 | 2.22 | 100.00 | 3.00 |
| 52 | BP605 T | Pharmaceutical Biotechnology | 2.17 | 1.63 | 2.98 | 0.75 | 2.37 | 2.12 | 100.00 | 3.00 |
| 53 | BP 606 T | Quality Assurance | 1.42 | 1.07 | 2.97 | 0.74 | 1.81 | 1.74 | 100.00 | 3.00 |
| 54 | BP607P | Medicinal chemistry III | 2.83 | 1.98 | 3.00 | 0.90 | 2.88 | 1.25 | 100.00 | 3.00 |
| 55 | BP608P | Pharmacology III | 2.65 | 1.86 | 2.95 | 0.89 | 2.74 | 2.27 | 100.00 | 3.00 |
| 56 | BP609P | Herbal Drug Technology | 2.95 | 2.07 | 3.00 | 0.90 | 2.97 | 2.25 | 100.00 | 3.00 |
| **B. Pharmacy Final Year VII Semester** | | | | | | | | | | |
| 57 | BP701 T | Instrumental Methods of Analysis | 2.99 | 2.24 | 2.78 | 0.70 | 2.94 | 2.28 | 100.00 | 3.00 |
| 58 | BP702 T | Industrial Pharmacy II | 3.00 | 2.25 | 2.52 | 0.63 | 2.88 | 1.91 | 100.00 | 3.00 |
| 59 | BP703 T | Pharmacy Practice | 2.99 | 2.24 | 2.88 | 0.72 | 2.96 | 1.27 | 100.00 | 3.00 |
| 60 | BP704 T | Novel Drug Delivery System | 2.96 | 2.22 | 2.66 | 0.67 | 2.89 | 2.05 | 100.00 | 3.00 |
| 61 | BP705P | Instrumental Methods of Analysis | 2.73 | 1.91 | 2.81 | 0.84 | 2.75 | 2.57 | 100.00 | 3.00 |
| 62 | BP706PS | Practice School* | 2.64 | 2.19 | 3.00 | 0.51 | 2.70 | 3.00 | 90.04 | 2.70 |
| **B. Pharmacy Final Year VIII Semester** | | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 63 | BP801 T | Biostatistics and Research Methodology | 2.00 | 1.50 | 2.71 | 0.68 | 2.18 | 2.15 | 100.00 | 3.00 |
| 64 | BP802 T | Social and Preventive Pharmacy | 2.71 | 2.03 | 2.95 | 0.74 | 2.77 | 1.57 | 100.00 | 3.00 |
| 65 | BP804 ET | Pharmaceutical Regulatory Science | 2.38 | 1.79 | 2.96 | 0.74 | 2.53 | 1.95 | 100.00 | 3.00 |
| 66 | BP806 ET | Quality Control and Standardization of Herbals | 2.97 | 2.23 | 2.74 | 0.69 | 2.91 | 2.05 | 100.00 | 3.00 |
| 67 | BP813 PW | Project Work | 2.88 | 2.88 | | 0.00 | 2.88 | 2.33 | 100.00 | 3.00 |

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# Evaluation of Program Outcome Attainment

## Program Outcome Attainment (2017 – 2018)

| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| **B. Pharmacy First Year I Semester** | | | | | | | | | | | | |
| BP101T | Human Anatomy and Physiology I– Theory | 1.41 | 0.71 | - | - | - | - | - | - | 0.53 | - | 1.51 |
| BP102T | Pharmaceutical Analysis I – Theory | 1.57 | - | 1.28 | 1.22 | - | - | - | - | 1.28 | 0.00 | 1.33 |
| BP103T | Pharmaceutics I – Theory | 1.76 | - | 1.82 | 1.82 | - | - | - | - | 1.65 | - | 1.82 |
| BP104T | Pharmaceutical Inorganic Chemistry – Theory | 1.15 | 1.28 | 1.40 | - | - | - | - | - | - | - | 1.15 |
| BP105T | Communication skills – Theory | - | 1.52 | - | - | 2.36 | - | 1.86 | 2.28 | - | - | 2.19 |
| BP106RBT | Remedial Biology Theory | 2.80 | - | 2.50 | 2.25 | - | - | - | - | - | - | 2.40 |
| BP106RMT | Remedial Mathematics Theory | 2.80 | - | 2.50 | 2.25 | - | - | - | - | - | - | 2.40 |
| BP107P | Human Anatomy and Physiology – Practical | 3.00 | 1.00 | 1.00 | 1.33 | - | 1.00 | 1.00 | - | 1.00 | 1.00 | 3.00 |
| BP108P | Pharmaceutical Analysis I – Practical | 2.31 | - | 2.18 | - | - | - | - | - | - | - | 2.18 |
| BP109P | Pharmaceutics I – Practical | 1.85 | - | 1.90 | 1.80 | - | - | - | - | 1.85 | - | 2.05 |
| BP110P | Pharmaceutical Inorganic Chemistry – Practical | 2.80 | 2.00 | 2.60 | - | - | - | 2.00 | - | - | - | 2.00 |
| BP111P | Communication skills – Practical | - | - | - | 2.50 | - | - | - | 3.00 | - | - | 2.50 |
| BP112RBP | Remedial Biology – Practical | 2.70 | - | 2.40 | - | - | - | - | - | - | - | 2.20 |
| **B. Pharmacy First Year II Semester** | | | | | | | | | | | | |
| BP201T | Human Anatomy and Physiology II – Theory | 1.89 | 0.71 | - | - | 0.00 | 0.71 | 0.71 | - | 0.71 | - | 1.89 |
| BP202T | Pharmaceutical Organic Chemistry I – Theory | 1.35 | - | 1.21 | 1.09 | - | - | - | - | - | - | 1.16 |
| BP203T | Biochemistry – Theory | 1.62 | - | 1.41 | 1.34 | - | - | - | 1.55 | 1.48 | - | 1.55 |
| BP204T | Pathophysiology – Theory | 1.80 | 0.68 | - | - | 0.68 | - | - | - | - | 0.68 | 2.03 |
| BP205T | Computer Applications in Pharmacy – Theory | - | - | 0.50 | 2.25 | - | 1.91 | - | - | 2.16 | - | - |



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| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| BP206T | Environmental sciences – Theory | 1.44 | 1.22 | 0.83 | - | 0.67 | - | - | - | - | 1.33 | 1.67 |
| BP207P | Human Anatomy and Physiology II –Practical | 3.00 | 1.00 | 1.00 | 1.50 | - | 1.00 | 2.00 | - | - | - | 3.00 |
| BP208P | Pharmaceutical Organic Chemistry I– Practical | 2.82 | 1.99 | 2.15 | - | - | - | - | - | - | - | 2.74 |
| BP209P | Biochemistry – Practical | 2.25 | - | 2.15 | - | - | - | - | - | - | - | 2.30 |
| BP210P | Computer Applications in Pharmacy – Practical | - | 1.90 | - | 2.80 | - | - | - | - | - | - | 2.30 |
| 5555 | Env Studies | 2.39 | 1.20 | 0.80 | - | - | 1.59 | - | - | 1.59 | 2.39 | 2.12 |
| **B. Pharmacy Second Year III Semester** | | | | | | | | | | | | |
| T 2.3.1 | Pharmaceutics -III (I Physical Pharmacy-I) | 1.48 | - | 1.44 | 1.50 | - | - | - | - | - | - | 1.50 |
| P 2.3.1 | Pharmaceutics -III (I Physical Pharmacy-I) | 2.00 | 2.00 | 2.00 | 2.00 | 1.50 | - | - | 1.50 | - | - | 2.00 |
| T 2.32. | Pharmaceutical Chemistry-IV (Organic Chemistry - II) | 1.30 | - | 1.26 | 0.88 | - | - | - | - | - | - | 1.21 |
| P 2.32. | Pharmaceutical Chemistry-IV (Organic Chemistry - II) | 2.73 | - | 2.10 | - | - | - | - | - | 1.95 | - | 2.44 |
| T 2.3.3. | Pharmacognosy –II | 1.60 | - | 1.05 | 1.50 | - | 1.00 | 1.20 | 1.05 | 1.20 | 1.20 | 1.80 |
| P 2.3.3. | Pharmacognosy –II | 3.00 | 2.00 | 2.00 | 1.33 | - | - | - | - | - | - | 2.16 |
| T 2.3.4. | Pharmaceutical Analysis – I | 1.42 | - | 1.11 | 1.24 | - | - | - | - | - | - | 1.38 |
| P 2.3.4. | Pharmaceutical Analysis – I | 2.35 | - | 2.28 | 2.28 | - | - | - | - | - | - | 2.35 |
| T 2.3.5 | A P HE-II | 2.32 | 1.39 | 1.39 | - | - | 1.12 | 0.31 | - | 0.93 | - | 2.63 |
| P 2.3.5 | A P HE-II | 2.75 | 2.40 | 1.25 | - | - | - | 1.66 | - | - | - | 2.41 |
| T.2.3.6 | Pathophysiology of Common Diseases-I | 1.99 | 0.75 | 1.49 | 0.75 | - | 0.90 | 0.75 | - | 0.93 | 0.75 | 1.99 |
| **B. Pharmacy Second Year IV Semester** | | | | | | | | | | | | |
| T.2.4.1. | Pharmaceutics–IV (Physical Pharmacy-II) | 1.45 | - | 1.41 | 1.63 | - | - | - | - | - | - | 1.71 |
| P.2.4.1. | Pharmaceutics–IV (Physical Pharmacy-II) | 2.00 | 2.00 | 2.00 | 2.00 | 1.50 | - | - | 1.50 | - | - | 2.00 |

| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| T.2.4.2. | Pharmaceutical Microbiology | 1.77 | - | 1.15 | 1.46 | - | - | - | - | - | - | 1.25 |
| P.2.4.2. | Pharmaceutical Microbiology | 2.31 | - | 2.22 | 2.22 | - | - | - | - | - | - | 2.05 |
| T.2.4.3. | Pharmacognosy – III | 1.76 | - | 0.88 | 0.78 | - | - | 1.17 | - | 1.76 | 1.27 | 1.56 |
| P.2.4.3. | Pharmacognosy – III | 3.00 | 2.00 | 1.40 | 1.80 | - | - | - | 2.00 | 2.00 | 2.00 | 2.20 |
| T.2.4.4. | Pharmaceutics –V (Hospital Pharmacy) | 1.87 | 1.78 | - | - | - | 1.78 | - | 1.87 | 1.68 | - | 1.58 |
| P.2.4.4. | Pharmaceutics –V (Hospital Pharmacy) | 2.25 | 2.25 | - | - | - | 2.25 | 2.25 | 2.25 | 2.25 | - | 2.25 |
| T.2.4.5. | Pharmaceutical Chemistry – V (Biochemistry) | 1.30 | - | 1.02 | 1.11 | - | - | - | 1.16 | 1.25 | - | 1.25 |
| P.2.4.5. | Pharmaceutical Chemistry – V (Biochemistry) | 2.50 | - | 1.83 | 2.25 | - | - | - | - | - | - | 2.58 |
| T.2.4.6. | Pathophysiology of Common Diseases-II | 2.17 | 0.82 | 1.63 | - | - | 0.82 | - | - | 1.63 | 0.82 | 2.10 |
| **B. Pharmacy Second Year V Semester** | | | | | | | | | | | | |
| T 3.5.1. | Pharmaceutical Chemistry – VI (Medicinal Chemistry - I) | 1.19 | 1.04 | 1.19 | 1.14 | - | 1.30 | - | - | - | - | 1.24 |
| P 3.5.1. | Pharmaceutical Chemistry – VI (Medicinal Chemistry - I) | 3.00 | 2.20 | 2.20 | - | - | - | - | - | - | - | 2.00 |
| T 3.5.2. | Pharmaceutics – VI (Pharmaceutical Technology I) | 1.75 | 1.95 | 1.68 | 1.62 | - | 1.12 | - | 1.49 | - | - | 1.36 |
| P 3.5.2. | Pharmaceutics – VI (Pharmaceutical Technology I) | 1.83 | 2.00 | 2.00 | 2.16 | - | 1.66 | - | 1.50 | - | - | 1.58 |
| T 3.5.3. | Pharmacology – I | 1.32 | - | - | 0.87 | - | - | - | - | - | - | 0.33 |
| P 3.5.3. | Pharmacology – I | 2.50 | 1.66 | - | 2.16 | - | - | - | - | - | - | 1.50 |
| T 3.5.4. | Pharmacognosy –IV | 1.80 | 1.20 | 1.20 | 0.90 | - | 1.20 | 1.20 | - | 1.20 | 1.20 | 1.20 |
| P 3.5.4. | Pharmacognosy –IV | 3.00 | 2.00 | 2.00 | 1.50 | - | 2.00 | 2.00 | - | 2.00 | 2.00 | 2.00 |
| T 3.5.5. | Pharmaceutical Analysis-II | 1.41 | - | 0.95 | 1.18 | - | - | - | - | - | - | 1.45 |
| P 3.5.5. | Pharmaceutical Analysis-II | 2.39 | - | 2.47 | 2.07 | - | - | - | - | - | - | 2.47 |
| **B. Pharmacy Second Year VI Semester** | | | | | | | | | | | | |

| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| T 3.6.1. | Pharmaceutical Chemistry - VII (Medicinal Chemistry -II) | 1.21 | 1.11 | 1.11 | - | - | - | - | - | 1.19 | - | 1.05 |
| P 3.6.1. | Pharmaceutical Chemistry – VII (Medicinal Chemistry - II) | 3.00 | 2.00 | 2.20 | - | - | - | - | - | - | - | 2.00 |
| T 3.6.2. | Pharmaceutics –VII (Biopharmaceutics & Pharmacokinetics) | 1.98 | 0.85 | 1.41 | 1.63 | - | - | 0.99 | - | - | 0.77 | 1.77 |
| P. 3.6.2. | Pharmaceutics –VII (Biopharmaceutics & Pharmacokinetics) | 2.00 | 2.00 | 2.50 | 2.00 | 2.50 | - | - | 1.00 | - | - | 2.00 |
| T. 3.6.3. | Pharmacology –II | 1.61 | - | - | 0.86 | - | - | - | - | 1.29 | - | 1.29 |
| P 3.6.3. | Pharmacology –II | 2.50 | 2.33 | - | 2.00 | - | - | - | - | - | - | 1.00 |
| T 3.6.4. | Pharmacognosy - V (Chemistry of Natural Products) | 1.65 | 1.10 | 1.10 | 0.83 | - | 1.10 | 1.10 | - | 1.10 | 1.10 | 1.10 |
| P 3.6.4. | Pharmacognosy - V (Chemistry of Natural Products) | 3.00 | 2.00 | 2.00 | 1.50 | - | 2.00 | 2.00 | - | 2.00 | 2.00 | 2.00 |
| T 3.6.5. | Pharmaceutical Jurisprudence & Ethics | 1.83 | - | 1.01 | - | - | 1.01 | 1.63 | 1.12 | 1.83 | - | 1.53 |
| 3.6.6 | Project report | 3.00 | 2.00 | 2.00 | 1.50 | - | 2.00 | 2.00 | - | 2.00 | 2.00 | 2.00 |
| **B. Pharmacy Second Year VII Semester** | | | | | | | | | | | | |
| T 4.7.1. | Pharmaceutics – VIII (Pharmaceutical Technology - II) | 1.96 | 0.34 | 1.67 | 1.43 | - | - | - | - | - | - | 1.55 |
| P. 4.7.1. | Pharmaceutics – VIII (Pharmaceutical Technology - II) | 2.64 | - | 1.97 | 2.39 | - | - | - | - | - | - | 2.14 |
| T 4.7.2. | Pharmaceutical Chemistry- VIII (Medicinal Chemistry – III) | 1.30 | - | 1.26 | 1.04 | - | - | - | - | 1.12 | - | 1.05 |
| P 4.7.2 | Pharmaceutical Chemistry-VIII (Medicinal Chemistry – III) | 2.60 | - | 1.80 | 2.05 | - | - | - | - | 2.00 | - | 2.00 |



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| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| T 4.7.3. | Pharmacology –III | 1.76 | - | - | 1.41 | - | - | - | - | 1.64 | - | 0.70 |
| P 4.7.3. | Pharmacology –III | 2.50 | 1.83 | 2.00 | 2.20 | 2.00 | 2.00 | 2.00 | 2.50 | 2.50 | - | 1.00 |
| T.4.7.4. | Pharmaceutical Analysis-III | 1.67 | - | 1.00 | 1.22 | - | - | - | - | - | - | 1.05 |
| P.4.7.4. | Pharmaceutical Analysis-III | 2.50 | 2.00 | 2.00 | 2.00 | - | - | - | 1.50 | - | - | 1.50 |
| T 4.7.5. | Pharmaceutical Biotechnology | 1.64 | - | 1.69 | 1.58 | - | - | - | - | - | 1.64 | 1.64 |
| T 4.7.6. | Pharmaceutical Industrial Management | 1.54 | 1.37 | 0.85 | - | 1.54 | 1.03 | 1.03 | 1.54 | 1.03 | - | - |
| **B. Pharmacy Second Year VIII Semester** | | | | | | | | | | | | |
| T 4.8. 1. | Pharmaceutics – IX | 2.05 | - | 1.55 | 1.49 | - | - | - | - | - | 1.18 | 1.86 |
| P 4.8. 1. | Pharmaceutics – IX | 2.75 | - | 2.50 | 2.42 | - | - | - | - | - | - | 2.58 |
| T 4.8.2. | Pharmaceutical Analysis – IV | 1.77 | - | 1.06 | 1.30 | - | - | - | - | - | - | 1.24 |
| P 4.8.2. | Pharmaceutical Analysis – IV | 2.50 | 2.00 | 1.50 | 1.50 | - | - | - | 1.50 | - | - | 1.60 |
| T 4.8.3. | Pharmaceutical Chemistry-IX (Medicinal Chemistry- IV) | 1.23 | - | 1.10 | 1.08 | - | - | - | - | - | - | 1.09 |
| P 4.8.3. | Pharmaceutical Chemistry–IX (Medicinal Chemistry- IV) | 2.50 | - | 2.18 | - | 2.12 | - | - | 2.06 | - | - | - |
| T 4.8.4. | Pharmacognosy – VI | 2.05 | 1.37 | 1.37 | 1.02 | 0.00 | 1.37 | 1.37 | - | 1.37 | 1.37 | 1.37 |
| P. 4.8.4. | Pharmacognosy – VI | 3.00 | 2.00 | 2.00 | 1.50 | 0.00 | 2.00 | 2.00 | - | 2.00 | 2.00 | 2.00 |
| T.4.8.5. | Pharmacology - IV (Clinical Pharmacy & Drug Interactions) | 2.02 | - | - | 1.62 | - | 1.75 | 1.62 | - | 1.62 | - | 0.81 |
| T.4.8.6. | Pharma Marketing (Theory) | 2.39 | 2.21 | 1.47 | - | 2.58 | 2.30 | 1.84 | 2.76 | 2.21 | - | - |
| P.4.8.7.1 | Industrial Training Report | 2.80 | 2.30 | 2.10 | 1.58 | 0.00 | 2.16 | 2.00 | - | 2.16 | 2.00 | 2.83 |
| | Direct Attainment (3 Max) | 2.11 | 1.59 | 1.63 | 1.61 | 1.35 | 1.48 | 1.50 | 1.76 | 1.57 | 1.37 | 1.80 |
| | Direct Attainment (100 %) | 70.45 | 53.16 | 54.25 | 53.50 | 44.95 | 49.31 | 50.01 | 58.64 | 52.43 | 45.66 | 59.94 |
| | Direct Attainment (80 %) | 56.36 | 42.53 | 43.40 | 42.80 | 35.96 | 39.45 | 40.01 | 46.91 | 41.95 | 36.53 | 47.95 |



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| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | Indirect Attainment (20 %) | 19.30 | 17.21 | 17.60 | 17.04 | 16.97 | 17.26 | 17.93 | 16.70 | 17.65 | 16.07 | 18.45 |
| | **Total Attainment (%)** | **75.66** | **59.74** | **61.00** | **59.84** | **52.93** | **56.70** | **57.94** | **63.61** | **59.59** | **52.60** | **66.40** |

# Program Outcome Attainment (2018 – 2019)

| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| **B. Pharmacy First Year I Semester** | | | | | | | | | | | | |
| BP101 T | Human Anatomy and Physiology I– | 1.21 | 1.21 | - | - | - | - | - | - | 1.21 | - | 1.21 |
| BP102 T | Pharmaceutical Analysis-I | 0.94 | - | 0.94 | 0.94 | - | - | - | - | 0.94 | - | 0.94 |
| P103 T | Pharmaceutics I | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 |
| BP104 T | Pharmaceutical Inorganic Chemistry | 1.23 | 1.23 | 1.23 | - | - | - | - | - | - | 1.23 | 1.23 |
| BP105T | Communication skills | 1.98 | 1.98 | 1.98 | 1.98 | 1.98 | 1.98 | 1.98 | 1.98 | 1.98 | - | 1.98 |
| BP106 RBT | Remedial Biology | 2.63 | - | - | 2.63 | - | - | - | 2.63 | - | 2.63 | 2.63 |
| BP107 P | Human Anatomy and Physiology | 2.46 | - | 2.46 | 2.46 | - | 2.46 | 2.46 | - | 2.46 | 2.46 | 2.46 |
| BP108 P | Pharmaceutical Analysis I | 2.66 | - | 2.66 | - | - | - | - | - | - | - | 2.66 |
| BP109 P | Pharmaceutics I | 2.80 | 2.80 | 2.80 | 2.80 | 2.80 | - | - | - | 2.80 | - | 2.80 |
| BP110 P | Pharmaceutical Inorganic Chemistry | 2.63 | 2.63 | 2.63 | 2.63 | - | - | 2.63 | - | - | 2.63 | 2.63 |
| BP111 P | Communication Skills | 2.54 | 2.54 | 2.54 | 2.54 | 2.54 | 2.54 | 2.54 | 2.54 | 2.54 | - | 2.54 |
| BP112 | Remedial Biology | 3.00 | - | - | 3.00 | - | - | - | 3.00 | - | 3.00 | 3.00 |
| **B. Pharmacy First Year II Semester** | | | | | | | | | | | | |
| BP201 T | Human Anatomy and Physiology II | 1.74 | 1.74 | - | - | - | 1.74 | 1.74 | - | 1.74 | - | 1.74 |
| BP202 T | Pharmaceutical Organic Chemistry I | 1.12 | - | 1.12 | 1.12 | - | - | - | - | - | - | 1.12 |
| BP203 T | Biochemistry | 1.44 | - | 1.44 | 1.44 | - | - | - | 1.44 | 1.44 | - | 1.44 |
| BP204 T | Pathophysiology | 1.60 | 1.60 | - | - | 1.60 | - | - | - | - | 1.60 | 1.60 |
| BP205 T | Computer Applications in Pharmacy | - | - | 1.33 | 1.33 | - | 1.33 | - | - | 1.33 | - | - |
| BP207 P | Human Anatomy and Physiology II | 2.52 | 2.52 | - | 2.52 | - | 2.52 | 2.52 | - | - | - | 2.52 |
| BP208 P | Pharmaceutical Organic Chemistry I | 2.73 | 2.73 | 2.73 | - | - | - | - | - | - | - | 2.73 |
| BP209 P | Biochemistry | 2.90 | - | 2.90 | - | - | - | - | - | - | - | 2.90 |

| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| BP210 P | Computer Applications in Pharmacy | 2.97 | 2.97 | 2.97 | 2.97 | - | - | - | - | - | - | 2.97 |
| **B. Pharmacy Second Year III Semester** | | | | | | | | | | | | |
| BP301 T | Pharmaceutical Organic Chemistry II | 1.37 | - | 1.37 | 1.37 | - | - | - | - | 1.37 | - | 1.37 |
| BP302 T | Physical Pharmaceutics I | 2.20 | - | 2.20 | 2.20 | - | - | 2.20 | - | 2.20 | 2.20 | 2.20 |
| BP303 T | Pharmaceutical Microbiology | 1.64 | 1.64 | 1.64 | - | - | - | - | - | - | - | 1.64 |
| BP304 T | Pharmaceutical Engineering | 1.98 | - | 1.98 | 1.98 | - | - | - | 1.98 | - | - | 1.98 |
| 5555 | Environmental Science | - | - | 3.00 | - | 3.00 | - | - | 3.00 | - | - | - |
| BP305P | Pharmaceutical Organic Chemistry II | 2.55 | 2.55 | 2.55 | - | - | - | - | - | - | - | 2.55 |
| BP306P | Physical Pharmaceutics I | 2.45 | 2.45 | 2.45 | 2.45 | 2.45 | - | - | 2.45 | - | 2.45 | 2.45 |
| BP307P | Pharmaceutical Microbiology | 2.41 | 2.41 | 2.41 | 2.41 | - | - | - | - | 2.41 | 2.41 | 2.41 |
| BP 308P | Pharmaceutical Engineering | 2.75 | 2.75 | 2.75 | 2.75 | - | 2.75 | 2.75 | 2.75 | 2.75 | - | 2.75 |
| **B. Pharmacy Second Year IV Semester** | | | | | | | | | | | | |
| BP401 T | Pharmaceutical Organic Chemistry III | 1.50 | - | - | 1.50 | - | 1.50 | 1.50 | - | - | 1.50 | 1.50 |
| BP402 T | Medicinal Chemistry I | 1.02 | - | 1.02 | 1.02 | - | - | - | - | - | - | 1.02 |
| BP403T | Physical Pharmaceutics II | 1.95 | 1.95 | 1.95 | - | - | - | - | - | - | - | 1.95 |
| BP404T | Pharmacology I | 1.36 | - | 1.36 | - | - | - | - | - | 1.36 | - | 1.36 |
| BP405T | Pharmacognosy and Phytochemistry I | 1.35 | - | 1.35 | 1.35 | - | - | - | - | - | - | 1.35 |
| BP406P | Medicinal Chemistry I | 2.58 | 2.58 | 2.58 | 2.58 | - | - | - | - | - | - | 2.58 |
| BP407P | Physical Pharmaceutics II | 2.59 | 2.59 | 2.59 | - | - | - | - | - | - | - | 2.59 |
| BP408P | Pharmacology I | 2.45 | 2.45 | - | 2.45 | - | - | 2.45 | - | - | - | 2.45 |
| BP409P | Pharmacognosy and Phytochemistry I | 2.54 | 2.54 | 2.54 | 2.54 | - | 2.54 | 2.54 | - | 2.54 | 2.54 | 2.54 |
| **B. Pharmacy Third Year V Semester** | | | | | | | | | | | | |
| T.3.5.1 | Pharmaceutical Chemistry - VI | 0.79 | 0.79 | 0.79 | 0.79 | - | - | - | - | - | 0.79 | 0.79 |
| T.3.5.2 | Pharmaceutics- VI (Pharmaceutical Technology-I) | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 | 2.49 |

| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| T.3.5.3 | Pharmacology-I | 1.64 | - | - | 1.64 | - | - | - | - | - | - | 1.64 |
| T 3.5.4 | Pharmacognosy – IV | 2.49 | - | - | 2.49 | - | - | - | - | 2.49 | - | 2.49 |
| T.3.5.5 | Pharmaceutical Analysis-II | 0.97 | - | 0.97 | 0.97 | - | - | - | - | - | - | 0.97 |
| P.3.5.1 | Pharmaceutical Chemistry - VI | 2.28 | 2.28 | 2.28 | 2.28 | - | - | - | - | - | - | 2.28 |
| P.3.5.2 | Pharmaceutics- VI (Pharmaceutical Technology-I) | 0.87 | - | 0.87 | 0.87 | - | - | - | - | 0.87 | - | 0.87 |
| P.3.5.3 | Pharmacology-I | 2.20 | - | - | 2.20 | - | - | - | - | 2.20 | - | 2.20 |
| P 3.5.4 | Pharmacognosy –IV | 0.95 | - | 0.95 | 0.95 | - | - | - | - | - | - | 0.95 |
| P 3.5.5 | Pharmaceutical Analysis-II | 2.52 | - | 2.52 | 2.52 | - | - | - | - | - | 2.52 | 2.52 |
| **B. Pharmacy Third Year VI Semester** | | | | | | | | | | | | |
| T.3.6.1 | Pharmaceutical Chemistry - VII | 0.76 | 0.76 | 0.76 | - | - | - | - | - | 0.76 | - | 0.76 |
| T 3.6.2 | Pharmaceutics –VII (Biopharmaceutics&Pharmacokinetics) | 2.65 | 2.65 | 2.65 | 2.65 | - | - | 2.65 | - | - | 2.65 | 2.65 |
| T. 3.6.3 | Pharmacology-II | 1.35 | - | - | 1.35 | - | - | - | - | 1.35 | - | 1.35 |
| T 3.6.4 | Pharmacognosy –V | 2.72 | 2.72 | 2.72 | 2.72 | - | 2.72 | 2.72 | - | 2.72 | 2.72 | 2.72 |
| T.3.6.5 | Pharmaceutical Jurisprudence & Ethics | 0.83 | - | 0.83 | - | - | 0.83 | 0.83 | 0.83 | 0.83 | - | 0.83 |
| P.3.6.1 | Pharmaceutical Chemistry - VII | 2.44 | 2.44 | 2.44 | - | 2.44 | 2.44 | 2.44 | 2.44 | 2.44 | - | - |
| P. 3.6.2 | Pharmaceutics –VII (Biopharmaceutics&Pharmacokinetics) | 0.91 | - | 0.91 | 0.91 | - | - | - | - | - | 0.91 | 0.91 |
| P. 3.6.3 | Pharmacology-II | 2.61 | - | 2.61 | 2.61 | - | - | - | - | - | - | 2.61 |
| P 3.6.4 | Pharmacognosy –V | 0.92 | - | 0.92 | 0.92 | - | - | - | - | - | - | 0.92 |
| P 3.6.6 | Project Report | 2.60 | 2.60 | 2.60 | 2.60 | - | 2.60 | 2.60 | - | 2.60 | 2.60 | 2.60 |
| **B. Pharmacy Final Year VII Semester** | | | | | | | | | | | | |
| T.4.7.1 | Pharmaceutical Technology-II | 1.27 | 1.27 | 1.27 | 1.27 | - | - | - | - | - | - | 1.27 |
| T 4.7.2 | Pharmaceutical Chemistry- VIII | 2.68 | - | 2.68 | 2.68 | - | - | - | - | 2.68 | - | 2.68 |
| T. 4.7.3 | Pharmacology-III | 1.12 | - | - | 1.12 | - | - | - | - | 1.12 | - | 1.12 |



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| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| T 4.7.4 | Pharmaceutical Analysis III | 2.58 | - | 2.58 | 2.58 | - | - | - | - | - | - | 2.58 |
| T.4.7.5 | Pharmaceutical Biotechnology | 0.89 | - | 0.89 | 0.89 | - | - | - | - | - | 0.89 | 0.89 |
| T.4.7.6 | Pharmaceutical Industrial Management | 2.34 | - | 2.34 | 2.34 | - | - | - | - | - | - | 2.34 |
| P.4.7.1 | Pharmaceutical Technology-II | 0.89 | 0.89 | 0.89 | - | 0.89 | - | - | - | - | 0.89 | 0.89 |
| P.4.7.2 | Pharmaceutical Chemistry- VIII | 2.75 | - | 2.75 | 2.75 | - | - | - | - | 2.75 | - | 2.75 |
| P. 4.7.3 | Pharmacology-III | 0.97 | 0.97 | 0.97 | 0.97 | - | - | 0.97 | - | - | - | 0.97 |
| P.4.7.4 | Pharmaceutical Analysis III | 1.06 | 1.06 | 1.06 | 1.06 | 1.06 | - | - | 1.06 | - | - | 1.06 |
| **B. Pharmacy Final Year VIII Semester** | | | | | | | | | | | | |
| T 4.8.1 | Pharmaceutics IX | 1.37 | - | 1.37 | 1.37 | - | - | - | - | - | 1.37 | 1.37 |
| T 4.8.2 | Pharmaceutical Analysis IV | 2.87 | - | 2.87 | 2.87 | - | - | - | - | - | - | 2.87 |
| T 4.8.3 | Pharmaceutical Chemistry- IX | 0.72 | - | 0.72 | 0.72 | - | - | - | - | - | - | 0.72 |
| T.4.8.4 | Pharmacognosy-VI | 2.85 | 2.85 | 2.85 | 2.85 | - | 2.85 | 2.85 | - | 2.85 | 2.85 | 2.85 |
| T. 4.8.5 | Pharmacology-IV (Clinical Pharmacy and Drug Interactions) | 0.55 | - | - | 0.55 | - | 0.55 | 0.55 | - | 0.55 | - | 0.55 |
| T. 4.8.6 | Pharma Marketing | 2.79 | 2.79 | 2.79 | - | - | - | 2.79 | 2.79 | 2.79 | 2.79 | - |
| P- 4.8.1 | Pharmaceutics IX | 1.25 | 1.25 | 1.25 | - | - | - | - | - | - | 1.25 | 1.25 |
| P 4.8.2 | Pharmaceutical Analysis IV | 2.28 | 2.28 | 2.28 | 2.28 | 2.28 | - | - | 2.28 | - | - | 2.28 |
| P 4.8.3 | Pharmaceutical Chemistry- IX | 1.50 | - | 1.50 | - | 1.50 | - | - | 1.50 | - | - | - |
| P 4.8.4 | Pharmacognosy-VI | 0.70 | - | - | 0.70 | - | - | - | - | 0.70 | - | 0.70 |
| P 4.8.7 | Industrial Training Report | 2.60 | 2.60 | 2.60 | 2.60 | - | 2.60 | 2.60 | - | 2.60 | 2.60 | 2.60 |
| | Direct Attainment (3 Max) | 1.90 | 2.10 | 1.94 | 1.92 | 2.04 | 2.10 | 2.18 | 2.15 | 1.92 | 2.05 | 1.89 |
| | Direct Attainment (100 %) | 63.35 | 70.06 | 64.56 | 63.87 | 67.87 | 70.14 | 72.80 | 71.75 | 64.02 | 68.45 | 62.89 |
| | Direct Attainment (80 %) | 50.68 | 56.05 | 51.65 | 51.09 | 54.29 | 56.11 | 58.24 | 57.40 | 51.22 | 54.76 | 50.32 |
| | Indirect Attainment (20 %) | 18.65 | 16.27 | 17.35 | 17.15 | 17.02 | 16.80 | 17.30 | 16.65 | 17.43 | 16.18 | 18.23 |
| | **Total Attainment (%)** | **69.33** | **72.31** | **69.00** | **68.24** | **71.31** | **72.91** | **75.54** | **74.05** | **68.65** | **70.94** | **68.55** |



OFFICE SEAL

President :
Shri Amrishbhai R. Patel
M.L.A.

Principal :
Dr. S. B. Bari
M.Pharm. Ph.D., D.I.M.F.J.C.

## Program Outcome Attainment (2019 – 2020)

| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| **B. Pharmacy First Year I Semester** | | | | | | | | | | | | |
| BP101 T | Human Anatomy and Physiology I– | 1.39 | 1.39 | - | - | - | - | - | - | 1.39 | - | 1.39 |
| BP102 T | Pharmaceutical Analysis-I | 1.11 | - | 1.11 | 1.11 | - | - | - | - | 1.11 | - | 1.11 |
| P103 T | Pharmaceutics I | 1.65 | 1.65 | 1.65 | 1.65 | 1.65 | 1.65 | 1.65 | 1.65 | 1.65 | 1.65 | 1.65 |
| BP104 T | Pharmaceutical Inorganic Chemistry | 1.02 | 1.02 | 1.02 | - | - | - | - | - | - | 1.02 | 1.02 |
| BP105T | Communication skills | 2.53 | 2.53 | 2.53 | 2.53 | 2.53 | 2.53 | 2.53 | 2.53 | 2.53 | - | 2.53 |
| BP106 RBT | Remedial Biology | 4.96 | - | - | 4.96 | - | - | - | 4.96 | - | 4.96 | 4.96 |
| BP107 P | Human Anatomy and Physiology | 2.35 | - | 2.35 | 2.35 | - | 2.35 | 2.35 | - | 2.35 | 2.35 | 2.35 |
| BP108 P | Pharmaceutical Analysis I | 2.93 | - | 2.93 | - | - | - | - | - | - | - | 2.93 |
| BP109 P | Pharmaceutics I | 2.81 | 2.81 | 2.81 | 2.81 | 2.81 | - | - | - | 2.81 | - | 2.81 |
| BP110 P | Pharmaceutical Inorganic Chemistry | 2.78 | 2.78 | 2.78 | 2.78 | - | - | 2.78 | - | - | 2.78 | 2.78 |
| BP111 P | Communication Skills | 2.84 | 2.84 | 2.84 | 2.84 | 2.84 | 2.84 | 2.84 | 2.84 | 2.84 | - | 2.84 |
| BP112 | Remedial Biology | 2.43 | - | - | 2.43 | - | - | - | 2.43 | - | 2.43 | 2.43 |
| **B. Pharmacy First Year II Semester** | | | | | | | | | | | | |
| BP201 T | Human Anatomy and Physiology II | 2.52 | 2.52 | - | - | - | 2.52 | 2.52 | - | 2.52 | - | 2.52 |
| BP202 T | Pharmaceutical Organic Chemistry I | 2.55 | - | 2.55 | 2.55 | - | - | - | - | - | - | 2.55 |
| BP203 T | Biochemistry | 2.61 | - | 2.61 | 2.61 | - | - | - | 2.61 | 2.61 | - | 2.61 |
| BP204 T | Pathophysiology | 2.65 | 2.65 | - | - | 2.65 | - | - | - | - | 2.65 | 2.65 |
| BP205 T | Computer Applications in Pharmacy | - | - | 1.04 | 1.04 | - | 1.04 | - | - | 1.04 | - | - |
| BP207 P | Human Anatomy and Physiology II | 2.57 | 2.57 | - | 2.57 | - | 2.57 | 2.57 | - | - | - | 2.57 |
| BP208 P | Pharmaceutical Organic Chemistry I | 2.50 | 2.50 | 2.50 | - | - | - | - | - | - | - | 2.50 |

| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| BP209 P | Biochemistry | 2.65 | - | 2.65 | - | - | - | - | - | - | - | 2.65 |
| BP210 P | Computer Applications in Pharmacy | 2.59 | 2.59 | 2.59 | 2.59 | - | - | - | - | - | - | 2.59 |
| **B. Pharmacy Second Year III Semester** | | | | | | | | | | | | |
| BP301 T | Pharmaceutical Organic Chemistry II | 1.57 | - | 1.57 | 1.57 | - | - | - | - | 1.57 | - | 1.57 |
| BP302 T | Physical Pharmaceutics I | 1.96 | - | 1.96 | 1.96 | - | - | 1.96 | - | 1.96 | 1.96 | 1.96 |
| BP303 T | Pharmaceutical Microbiology | 1.74 | 1.74 | 1.74 | - | - | - | - | - | - | - | 1.74 |
| BP304 T | Pharmaceutical Engineering | 1.39 | - | 1.39 | 1.39 | - | - | - | 1.39 | - | - | 1.39 |
| 5555 | Environmental Science | - | - | 2.41 | - | 2.41 | - | - | 2.41 | - | - | - |
| BP305P | Pharmaceutical Organic Chemistry II | 2.81 | 2.81 | 2.81 | - | - | - | - | - | - | - | 2.81 |
| BP306P | Physical Pharmaceutics I | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | - | - | 3.00 | - | 3.00 | 3.00 |
| BP307P | Pharmaceutical Microbiology | 2.82 | 2.82 | 2.82 | 2.82 | - | - | - | - | 2.82 | 2.82 | 2.82 |
| BP 308P | Pharmaceutical Engineering | 2.92 | 2.92 | 2.92 | 2.92 | - | 2.92 | 2.92 | 2.92 | 2.92 | - | 2.92 |
| **B. Pharmacy Second Year IV Semester** | | | | | | | | | | | | |
| BP401 T | Pharmaceutical Organic Chemistry III | 2.77 | - | - | 2.77 | - | 2.77 | 2.77 | - | - | 2.77 | 2.77 |
| BP402 T | Medicinal Chemistry I | 2.71 | - | 2.71 | 2.71 | - | - | - | - | - | - | 2.71 |
| BP403T | Physical Pharmaceutics II | 2.83 | 2.83 | 2.83 | - | - | - | - | - | - | - | 2.83 |
| BP404T | Pharmacology I | 2.66 | - | 2.66 | - | - | - | - | - | 2.66 | - | 2.66 |
| BP405T | Pharmacognosy and Phytochemistry I | 2.76 | - | 2.76 | 2.76 | - | - | - | - | - | - | 2.76 |
| BP406P | Medicinal Chemistry I | 2.80 | 2.80 | 2.80 | 2.80 | - | - | - | - | - | - | 2.80 |
| BP407P | Physical Pharmaceutics II | 2.83 | 2.83 | 2.83 | - | - | - | - | - | - | - | 2.83 |
| BP408P | Pharmacology I | 2.63 | 2.63 | - | 2.63 | - | - | 2.63 | - | - | - | 2.63 |
| BP409P | Pharmacognosy and Phytochemistry I | 2.79 | 2.79 | 2.79 | 2.79 | - | 2.79 | 2.79 | - | 2.79 | 2.79 | 2.79 |
| **B. Pharmacy Third Year V Semester** | | | | | | | | | | | | |
| BP501 T | Medicinal Chemistry II | 1.41 | - | 1.41 | 1.41 | - | - | - | - | - | - | 1.41 |



OFFICE SEAL

| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| BP502 T | Industrial Pharmacy I | 2.00 | - | 2.00 | 2.00 | - | - | - | - | - | - | 2.00 |
| BP503 T | Pharmacology II | 1.76 | - | 1.76 | 1.76 | - | 1.76 | 1.76 | 1.76 | 1.76 | 1.76 | 1.76 |
| BP504 T | Pharmacognosy and Phytochemistry II | 1.51 | - | 1.51 | 1.51 | - | - | - | - | - | - | 1.51 |
| BP505 T | Pharmaceutical Jurisprudence | 2.11 | 2.11 | 2.11 | - | - | 2.11 | 2.11 | - | 2.11 | - | 2.11 |
| BP506P | Industrial Pharmacy I | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | - | - | - | 2.90 | - | 2.90 |
| BP507P | Pharmacology II | 2.29 | - | - | 2.29 | - | - | - | - | 2.29 | - | 2.29 |
| BP508P | Pharmacognosy and Phytochemistry II | 2.34 | - | - | 2.34 | - | - | - | 2.34 | - | 2.34 | 2.34 |
| **B. Pharmacy Third Year VI Semester** | | | | | | | | | | | | |
| BP601 T | Medicinal Chemistry III | 2.63 | - | 2.63 | 2.63 | - | - | - | - | - | - | 2.63 |
| BP602 T | Pharmacology III | 2.73 | - | 2.73 | 2.73 | - | - | - | - | - | - | 2.73 |
| BP603 T | Herbal Drug Technology | 2.87 | - | 2.87 | 2.87 | - | - | 2.87 | - | 2.87 | 2.87 | 2.87 |
| BP604 T | Biopharmaceutics and Pharmacokinetics | 2.78 | 2.78 | - | - | - | 2.78 | - | 2.78 | 2.78 | - | 2.78 |
| BP605 T | Pharmaceutical Biotechnology | 2.62 | - | 2.62 | 2.62 | - | - | - | 2.62 | 2.62 | - | 2.62 |
| BP606 T | Quality Assurance | 2.57 | 2.57 | 2.57 | - | - | 2.57 | - | - | 2.57 | 2.57 | 2.57 |
| BP607P | Medicinal chemistry III | 2.76 | 2.76 | 2.76 | 2.76 | - | - | - | - | 2.76 | 2.76 | 2.76 |
| BP608P | Pharmacology III | 2.67 | - | - | 2.67 | - | - | - | - | - | - | 2.67 |
| BP609P | Herbal Drug Technology | 2.63 | 2.63 | - | 2.63 | - | - | - | 2.63 | - | 2.63 | 2.63 |
| **B. Pharmacy Final Year VII Semester** | | | | | | | | | | | | |
| T.4.7.1 | Pharmaceutical Technology-II (Pharmaceutics VIII) | 1.65 | 1.65 | 1.65 | 1.65 | - | - | - | - | - | - | 1.65 |
| T 4.7.2 | Pharmaceutical Chemistry- VIII | 2.53 | - | 2.53 | 2.53 | - | - | - | - | 2.53 | - | 2.53 |
| T. 4.7.3 | Pharmacology-III | 0.90 | - | - | 0.90 | - | - | - | - | 0.90 | - | 0.90 |
| T 4.7.4 | Pharmaceutical Analysis III | 2.44 | - | 2.44 | 2.44 | - | - | - | - | - | - | 2.44 |
| T.4.7.5 | Pharmaceutical Biotechnology | 1.17 | - | 1.17 | 1.17 | - | - | - | - | - | 1.17 | 1.17 |
| T.4.7.6 | Pharmaceutical Industrial Management | 1.80 | - | 1.80 | 1.80 | - | - | - | - | - | - | 1.80 |

| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| P.4.7.1 | Pharmaceutical Technology-II (Pharmaceutics VIII) | 1.01 | 1.01 | 1.01 | - | 1.01 | - | - | - | - | 1.01 | 1.01 |
| P.4.7.2 | Pharmaceutical Chemistry- VIII | 2.74 | - | 2.74 | 2.74 | - | - | - | - | 2.74 | - | 2.74 |
| P. 4.7.3 | Pharmacology-III | 1.30 | 1.30 | 1.30 | 1.30 | - | - | 1.30 | - | - | - | 1.30 |
| P.4.7.4 | Pharmaceutical Analysis III | 1.57 | 1.57 | 1.57 | 1.57 | 1.57 | - | - | 1.57 | - | - | 1.57 |
| **B. Pharmacy Final Year VIII Semester** | | | | | | | | | | | | |
| T 4.8.1 | Pharmaceutics IX | 2.78 | - | 2.78 | 2.78 | - | - | - | - | - | 2.78 | 2.78 |
| T 4.8.2 | Pharmaceutical Analysis IV | 2.28 | - | 2.28 | 2.28 | - | - | - | - | - | - | 2.28 |
| T 4.8.3 | Pharmaceutical Chemistry- IX | 2.80 | - | 2.80 | 2.80 | - | - | - | - | - | - | 2.80 |
| T.4.8.4 | Pharmacognosy-VI | 2.84 | 2.84 | 2.84 | 2.84 | - | 2.84 | 2.84 | - | 2.84 | 2.84 | 2.84 |
| T. 4.8.5 | Pharmacology-IV (Clinical Pharmacy and Drug Interactions) | 2.72 | - | - | 2.72 | - | 2.72 | 2.72 | - | 2.72 | - | 2.72 |
| T. 4.8.6 | Pharma Marketing | 2.60 | 2.60 | 2.60 | - | - | - | 2.60 | 2.60 | 2.60 | 2.60 | - |
| P- 4.8.1 | Pharmaceutics IX | 2.74 | 2.74 | 2.74 | - | - | - | - | - | - | 2.74 | 2.74 |
| P 4.8.2 | Pharmaceutical Analysis IV | 2.20 | 2.20 | 2.20 | 2.20 | 2.20 | - | - | 2.20 | - | - | 2.20 |
| P 4.8.3 | Pharmaceutical Chemistry- IX | 2.89 | - | 2.89 | - | 2.89 | - | - | 2.89 | - | - | - |
| P 4.8.4 | Pharmacognosy-VI | 2.78 | - | - | 2.78 | - | - | - | - | 2.78 | - | 2.78 |
| P 4.8.7 | Industrial Training Report | 2.57 | 2.57 | 2.57 | 2.57 | - | 2.57 | 2.57 | - | 2.57 | 2.57 | 2.57 |
| | Direct Attainment (3 Max) | 2.39 | 2.41 | 2.32 | 2.37 | 2.37 | 2.43 | 2.45 | 2.53 | 2.36 | 2.47 | 2.38 |
| | Direct Attainment (100 %) | 79.67 | 80.36 | 77.42 | 79.00 | 79.00 | 80.99 | 81.77 | 84.41 | 78.68 | 82.41 | 79.34 |
| | Direct Attainment (80 %) | 63.74 | 64.29 | 61.93 | 63.20 | 63.20 | 64.79 | 65.42 | 67.53 | 62.94 | 65.93 | 63.48 |
| | Indirect Attainment (20 %) | 19.38 | 16.67 | 16.37 | 15.13 | 16.52 | 17.53 | 17.78 | 16.13 | 16.90 | 17.33 | 19.25 |
| | **Total Attainment (%)** | **83.12** | **80.96** | **78.30** | **78.33** | **79.72** | **82.31** | **83.20** | **83.66** | **79.84** | **83.26** | **82.73** |

# Program Outcome Attainment (2020 – 2021)

| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| **B. Pharmacy First Year I Semester** | | | | | | | | | | | | |
| BP101 T | Human Anatomy and Physiology I– | 3.00 | 3.00 | - | - | - | - | - | - | 3.00 | - | 3.00 |
| BP102 T | Pharmaceutical Analysis-I | 2.78 | - | 2.78 | 2.78 | - | - | - | - | 2.78 | - | 2.78 |
| P103 T | Pharmaceutics I | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| BP104 T | Pharmaceutical Inorganic Chemistry | 2.99 | 2.99 | 2.99 | - | - | - | - | - | - | 2.99 | 2.99 |
| BP105T | Communication skills | 2.93 | 2.93 | 2.93 | 2.93 | 2.93 | 2.93 | 2.93 | 2.93 | 2.93 | - | 2.93 |
| BP106 RBT | Remedial Biology | 2.95 | - | - | 2.95 | - | - | - | 2.95 | - | 2.95 | 2.95 |
| BP107 P | Human Anatomy and Physiology | 2.98 | - | 2.98 | 2.98 | - | 2.98 | 2.98 | - | 2.98 | 2.98 | 2.98 |
| BP108 P | Pharmaceutical Analysis I | 2.93 | - | 2.93 | - | - | - | - | - | - | - | 2.93 |
| BP109 P | Pharmaceutics I | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | - | - | - | 3.00 | - | 3.00 |
| BP110 P | Pharmaceutical Inorganic Chemistry | 3.00 | 3.00 | 3.00 | 3.00 | - | - | 3.00 | - | - | 3.00 | 3.00 |
| BP111 P | Communication Skills | 2.69 | 2.69 | 2.69 | 2.69 | 2.69 | 2.69 | 2.69 | 2.69 | 2.69 | - | 2.69 |
| BP112 | Remedial Biology | 2.93 | - | - | 2.93 | - | - | - | 2.93 | - | 2.93 | 2.93 |
| **B. Pharmacy First Year II Semester** | | | | | | | | | | | | |
| BP201 T | Human Anatomy and Physiology II | 2.97 | 2.97 | - | - | - | 2.97 | 2.97 | - | 2.97 | - | 2.97 |
| BP202 T | Pharmaceutical Organic Chemistry I | 2.99 | - | 2.99 | 2.99 | - | - | - | - | - | - | 2.99 |
| BP203 T | Biochemistry | 2.99 | - | 2.99 | 2.99 | - | - | - | 2.99 | 2.99 | - | 2.99 |
| BP204 T | Pathophysiology | 2.99 | 2.99 | - | - | 2.99 | - | - | - | - | 2.99 | 2.99 |
| BP205 T | Computer Applications in Pharmacy | - | - | 2.37 | 2.37 | - | 2.37 | - | - | 2.37 | - | - |
| BP207 P | Human Anatomy and Physiology II | 2.96 | 2.96 | - | 2.96 | - | 2.96 | 2.96 | - | - | - | 2.96 |
| BP208 P | Pharmaceutical Organic Chemistry I | 2.97 | 2.97 | 2.97 | - | - | - | - | - | - | - | 2.97 |
| BP209 P | Biochemistry | 2.96 | - | 2.96 | - | - | - | - | - | - | - | 2.96 |
| BP210 P | Computer Applications in Pharmacy | 2.99 | 2.99 | 2.99 | 2.99 | - | - | - | - | - | - | 2.99 |
| **B. Pharmacy Second Year III Semester** | | | | | | | | | | | | |
| BP301 T | Pharmaceutical Organic Chemistry II | 2.97 | - | 2.97 | 2.97 | - | - | - | - | 2.97 | - | 2.97 |

| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| BP302 T | Physical Pharmaceutics I | 3.00 | - | 3.00 | 3.00 | - | - | 3.00 | - | 3.00 | 3.00 | 3.00 |
| BP303 T | Pharmaceutical Microbiology | 2.96 | 2.96 | 2.96 | - | - | - | - | - | - | - | 2.96 |
| BP304 T | Pharmaceutical Engineering | 3.00 | - | 3.00 | 3.00 | - | - | - | 3.00 | - | - | 3.00 |
| 5555 | Environmental Science | - | - | 2.94 | - | 2.94 | - | - | 2.94 | - | - | - |
| BP305P | Pharmaceutical Organic Chemistry II | 2.78 | 2.78 | 2.78 | - | - | - | - | - | - | - | 2.78 |
| BP306P | Physical Pharmaceutics I | 2.82 | 2.82 | 2.82 | 2.82 | 2.82 | - | - | 2.82 | - | 2.82 | 2.82 |
| BP307P | Pharmaceutical Microbiology | 2.70 | 2.70 | 2.70 | 2.70 | - | - | - | - | 2.70 | 2.70 | 2.70 |
| BP 308P | Pharmaceutical Engineering | 3.00 | 3.00 | 3.00 | 3.00 | - | 3.00 | 3.00 | 3.00 | 3.00 | - | 3.00 |
| **B. Pharmacy Second Year IV Semester** | | | | | | | | | | | | |
| BP401 T | Pharmaceutical Organic Chemistry III | 3.00 | - | - | 3.00 | - | 3.00 | 3.00 | - | - | 3.00 | 3.00 |
| BP402 T | Medicinal Chemistry I | 3.00 | - | 3.00 | 3.00 | - | - | - | - | - | - | 3.00 |
| BP403T | Physical Pharmaceutics II | 2.95 | 2.95 | 2.95 | - | - | - | - | - | - | - | 2.95 |
| BP404T | Pharmacology I | 2.98 | - | 2.98 | - | - | - | - | - | 2.98 | - | 2.98 |
| BP405T | Pharmacognosy and Phytochemistry I | 3.00 | - | 3.00 | 3.00 | - | - | - | - | - | - | 3.00 |
| BP406P | Medicinal Chemistry I | 2.96 | 2.96 | 2.96 | 2.96 | - | - | - | - | - | - | 2.96 |
| BP407P | Physical Pharmaceutics II | 2.97 | 2.97 | 2.97 | - | - | - | - | - | - | - | 2.97 |
| BP408P | Pharmacology I | 2.85 | 2.85 | - | 2.85 | - | - | 2.85 | - | - | - | 2.85 |
| BP409P | Pharmacognosy and Phytochemistry I | 2.99 | 2.99 | 2.99 | 2.99 | - | 2.99 | 2.99 | - | 2.99 | 2.99 | 2.99 |
| **B. Pharmacy Third Year V Semester** | | | | | | | | | | | | |
| BP501 T | Medicinal Chemistry II | 2.99 | - | 2.99 | 2.99 | - | - | - | - | - | - | 2.99 |
| BP502 T | Industrial Pharmacy I | 2.99 | - | 2.99 | 2.99 | - | - | - | - | - | - | 2.99 |
| BP503 T | Pharmacology II | 2.99 | - | 2.99 | 2.99 | - | 2.99 | 2.99 | 2.99 | 2.99 | 2.99 | 2.99 |
| BP504 T | Pharmacognosy and Phytochemistry II | 3.00 | - | 3.00 | 3.00 | - | - | - | - | - | - | 3.00 |
| BP505 T | Pharmaceutical Jurisprudence | 3.00 | 3.00 | 3.00 | - | - | 3.00 | 3.00 | - | 3.00 | - | 3.00 |
| BP506P | Industrial Pharmacy I | 2.90 | 2.90 | 2.90 | 2.90 | 2.90 | - | - | - | 2.90 | - | 2.90 |
| BP507P | Pharmacology II | 2.83 | - | - | 2.83 | - | - | - | - | 2.83 | - | 2.83 |
| BP508P | Pharmacognosy and Phytochemistry II | 2.97 | - | - | 2.97 | - | - | - | 2.97 | - | 2.97 | 2.97 |
| **B. Pharmacy Third Year VI Semester** | | | | | | | | | | | | |

| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| BP601 T | Medicinal Chemistry III | 3.00 | - | 3.00 | 3.00 | - | - | - | - | - | - | 3.00 |
| BP602 T | Pharmacology III | 3.00 | - | 3.00 | 3.00 | - | - | - | - | - | - | 3.00 |
| BP603 T | Herbal Drug Technology | 3.00 | - | 3.00 | 3.00 | - | - | 3.00 | - | 3.00 | 3.00 | 3.00 |
| BP604 T | Biopharmaceutics and Pharmacokinetics | 3.00 | 3.00 | - | - | - | 3.00 | - | 3.00 | 3.00 | - | 3.00 |
| BP605 T | Pharmaceutical Biotechnology | 3.00 | - | 3.00 | 3.00 | - | - | - | 3.00 | 3.00 | - | 3.00 |
| BP606 T | Quality Assurance | 3.00 | 3.00 | 3.00 | - | - | 3.00 | - | - | 3.00 | 3.00 | 3.00 |
| BP607P | Medicinal chemistry III | 2.91 | 2.91 | 2.91 | 2.91 | - | - | - | - | 2.91 | 2.91 | 2.91 |
| BP608P | Pharmacology III | 2.78 | - | - | 2.78 | - | - | - | - | - | - | 2.78 |
| BP609P | Herbal Drug Technology | 3.00 | 3.00 | - | 3.00 | - | - | - | 3.00 | - | 3.00 | 3.00 |
| **B. Pharmacy Final Year VII Semester** | | | | | | | | | | | | |
| BP701 T | Instrumental Methods of Analysis | 2.88 | 2.88 | 2.88 | 2.88 | - | 2.88 | - | - | - | - | 2.88 |
| BP702 T | Industrial Pharmacy II | 2.98 | 2.98 | 2.98 | 2.98 | - | 2.98 | - | 2.98 | - | - | 2.98 |
| BP703 T | Pharmacy Practice | 2.94 | - | - | 2.94 | - | - | - | - | - | - | 2.94 |
| BP704 T | Novel Drug Delivery System | 2.97 | 2.97 | 2.97 | 2.97 | - | 2.97 | 2.97 | - | 2.97 | 2.97 | 2.97 |
| BP705P | Instrumental Methods of Analysis | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | - | - | 2.50 | - | - | 2.50 |
| BP706PS | Practice School* | 2.85 | - | - | - | - | 2.85 | - | - | - | - | 2.85 |
| **B. Pharmacy Final Year VIII Semester** | | | | | | | | | | | | |
| BP801 T | Biostatistics and Research Methodology | 2.26 | 2.26 | 2.26 | - | - | - | - | - | 2.26 | - | 2.26 |
| BP802 T | Social and Preventive Pharmacy | 3.00 | 3.00 | 3.00 | 3.00 | - | - | 3.00 | - | - | 3.00 | 3.00 |
| BP804 ET | Pharmaceutical Regulatory Science | 3.00 | - | - | 3.00 | - | - | - | - | 3.00 | - | 3.00 |
| BP806 ET | Quality Control and Standardization of Herbals | 3.00 | 3.00 | 3.00 | 3.00 | - | 3.00 | 3.00 | - | 3.00 | 3.00 | 3.00 |
| BP813 PW | Project Work | 2.42 | - | 2.42 | - | - | 2.42 | 2.42 | 2.42 | 2.42 | - | 2.42 |
| | Direct Attainment (3 Max) | 2.92 | 2.91 | 2.91 | 2.93 | 2.86 | 2.90 | 2.93 | 2.90 | 2.89 | 2.96 | 2.92 |
| | Direct Attainment (100 %) | 97.46 | 97.00 | 96.96 | 97.54 | 95.47 | 96.63 | 97.81 | 96.51 | 96.25 | 98.71 | 97.46 |
| | Direct Attainment (80 %) | 77.97 | 77.60 | 77.57 | 78.04 | 76.37 | 77.30 | 78.25 | 77.21 | 77.00 | 78.97 | 77.97 |
| | Indirect Attainment (20 %) | 18.87 | 17.68 | 17.60 | 17.82 | 17.78 | 18.08 | 18.23 | 18.17 | 18.13 | 17.78 | 18.25 |

| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | Total Attainment (%) | 96.84 | 95.28 | 95.17 | 95.85 | 94.16 | 95.38 | 96.48 | 95.37 | 95.13 | 96.75 | 96.22 |

# Program Outcome Attainment (2021 – 2022)

| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| **B. Pharmacy First Year I Semester** | | | | | | | | | | | | |
| BP101 T | Human Anatomy and Physiology I– | 3.00 | 3.00 | - | - | - | - | - | - | 3.00 | - | 3.00 |
| BP102 T | Pharmaceutical Analysis-I | 3.00 | - | 3.00 | 3.00 | - | - | - | - | 3.00 | - | 3.00 |
| P103 T | Pharmaceutics I | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| BP104 T | Pharmaceutical Inorganic Chemistry | 3.00 | 3.00 | 3.00 | - | - | - | - | - | - | 3.00 | 3.00 |
| BP105T | Communication skills | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | - | 3.00 |
| BP106 RBT | Remedial Biology | 3.00 | - | - | 3.00 | - | - | - | 3.00 | - | 3.00 | 3.00 |
| BP107 P | Human Anatomy and Physiology | 3.00 | - | 3.00 | 3.00 | - | 3.00 | 3.00 | - | 3.00 | 3.00 | 3.00 |
| BP108 P | Pharmaceutical Analysis I | 3.00 | - | 3.00 | - | - | - | - | - | - | - | 3.00 |
| BP109 P | Pharmaceutics I | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | - | - | - | 3.00 | - | 3.00 |
| BP110 P | Pharmaceutical Inorganic Chemistry | 3.00 | 3.00 | 3.00 | 3.00 | - | - | 3.00 | - | - | 3.00 | 3.00 |
| BP111 P | Communication Skills | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | - | 3.00 |
| BP112 | Remedial Biology | 3.00 | - | - | 3.00 | - | - | - | 3.00 | - | 3.00 | 3.00 |
| **B. Pharmacy First Year II Semester** | | | | | | | | | | | | |
| BP201 T | Human Anatomy and Physiology II | 3.00 | 3.00 | - | - | - | 3.00 | 3.00 | - | 3.00 | - | 3.00 |
| BP202 T | Pharmaceutical Organic Chemistry I | 2.81 | - | 2.81 | 2.81 | - | - | - | - | - | - | 2.81 |
| BP203 T | Biochemistry | 2.18 | - | 2.18 | 2.18 | - | - | - | 2.18 | 2.18 | - | 2.18 |
| BP204 T | Pathophysiology | 3.00 | 3.00 | - | - | 3.00 | - | - | - | - | 3.00 | 3.00 |
| BP205 T | Computer Applications in Pharmacy | - | - | 3.00 | 3.00 | - | 3.00 | - | - | 3.00 | - | - |
| BP207 P | Human Anatomy and Physiology II | 3.00 | 3.00 | - | 3.00 | - | 3.00 | 3.00 | - | - | - | 3.00 |
| BP208 P | Pharmaceutical Organic Chemistry I | 3.00 | 3.00 | 3.00 | - | - | - | - | - | - | - | 3.00 |
| BP209 P | Biochemistry | 3.00 | - | 3.00 | - | - | - | - | - | - | - | 3.00 |
| BP210 P | Computer Applications in Pharmacy | 3.00 | 3.00 | 3.00 | 3.00 | - | - | - | - | - | - | 3.00 |
| **B. Pharmacy Second Year III Semester** | | | | | | | | | | | | |
| BP301 T | Pharmaceutical Organic Chemistry II | 3.00 | - | 3.00 | 3.00 | - | - | - | - | 3.00 | - | 3.00 |



OFFICE SEAL

| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| BP302 T | Physical Pharmaceutics I | 3.00 | - | 3.00 | 3.00 | - | - | 3.00 | - | 3.00 | 3.00 | 3.00 |
| BP303 T | Pharmaceutical Microbiology | 3.00 | 3.00 | 3.00 | - | - | - | - | - | - | - | 3.00 |
| BP304 T | Pharmaceutical Engineering | 3.00 | - | 3.00 | 3.00 | - | - | - | 3.00 | - | - | 3.00 |
| 5555 | Environmental Science | - | - | 3.00 | - | 3.00 | - | - | 3.00 | - | - | - |
| BP305P | Pharmaceutical Organic Chemistry II | 3.00 | 3.00 | 3.00 | - | - | - | - | - | - | - | 3.00 |
| BP306P | Physical Pharmaceutics I | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | - | - | 3.00 | - | 3.00 | 3.00 |
| BP307P | Pharmaceutical Microbiology | 3.00 | 3.00 | 3.00 | 3.00 | - | - | - | - | 3.00 | 3.00 | 3.00 |
| BP 308P | Pharmaceutical Engineering | 3.00 | 3.00 | 3.00 | 3.00 | - | 3.00 | 3.00 | 3.00 | 3.00 | - | 3.00 |
| **B. Pharmacy Second Year IV Semester** | | | | | | | | | | | | |
| BP401 T | Pharmaceutical Organic Chemistry III | 3.00 | - | - | 3.00 | - | 3.00 | 3.00 | - | - | 3.00 | 3.00 |
| BP402 T | Medicinal Chemistry I | 1.38 | - | 1.38 | 1.38 | - | - | - | - | - | - | 1.38 |
| BP403T | Physical Pharmaceutics II | 2.61 | 2.61 | 2.61 | - | - | - | - | - | - | - | 2.61 |
| BP404T | Pharmacology I | 3.00 | - | 3.00 | - | - | - | - | - | 3.00 | - | 3.00 |
| BP405T | Pharmacognosy and Phytochemistry I | 2.15 | - | 2.15 | 2.15 | - | - | - | - | - | - | 2.15 |
| BP406P | Medicinal Chemistry I | 3.00 | 3.00 | 3.00 | 3.00 | - | - | - | - | - | - | 3.00 |
| BP407P | Physical Pharmaceutics II | 3.00 | 3.00 | 3.00 | - | - | - | - | - | - | - | 3.00 |
| BP408P | Pharmacology I | 3.00 | 3.00 | - | 3.00 | - | - | 3.00 | - | - | - | 3.00 |
| BP409P | Pharmacognosy and Phytochemistry I | 3.00 | 3.00 | 3.00 | 3.00 | - | 3.00 | 3.00 | - | 3.00 | 3.00 | 3.00 |
| **B. Pharmacy Third Year V Semester** | | | | | | | | | | | | |
| BP501 T | Medicinal Chemistry II | 2.78 | - | 2.78 | 2.78 | - | - | - | - | - | - | 2.78 |
| BP502 T | Industrial Pharmacy I | 3.00 | - | 3.00 | 3.00 | - | - | - | - | - | - | 3.00 |
| BP503 T | Pharmacology II | 3.00 | - | 3.00 | 3.00 | - | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| BP504 T | Pharmacognosy and Phytochemistry II | 3.00 | - | 3.00 | 3.00 | - | - | - | - | - | - | 3.00 |
| BP505 T | Pharmaceutical Jurisprudence | 3.00 | 3.00 | 3.00 | - | - | 3.00 | 3.00 | - | 3.00 | - | 3.00 |
| BP506P | Industrial Pharmacy I | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | - | - | - | 3.00 | - | 3.00 |
| BP507P | Pharmacology II | 3.00 | - | - | 3.00 | - | - | - | - | 3.00 | - | 3.00 |
| BP508P | Pharmacognosy and Phytochemistry II | 3.00 | - | - | 3.00 | - | - | - | 3.00 | - | 3.00 | 3.00 |
| **B. Pharmacy Third Year VI Semester** | | | | | | | | | | | | |

| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| BP601 T | Medicinal Chemistry III | 2.20 | - | 2.20 | 2.20 | - | - | - | - | - | - | 2.20 |
| BP602 T | Pharmacology III | 3.00 | - | 3.00 | 3.00 | - | - | - | - | - | - | 3.00 |
| BP603 T | Herbal Drug Technology | 3.00 | - | 3.00 | 3.00 | - | - | 3.00 | - | 3.00 | 3.00 | 3.00 |
| BP604 T | Biopharmaceutics and Pharmacokinetics | 3.00 | 3.00 | - | - | - | 3.00 | - | 3.00 | 3.00 | - | 3.00 |
| BP605 T | Pharmaceutical Biotechnology | 3.00 | - | 3.00 | 3.00 | - | - | - | 3.00 | 3.00 | - | 3.00 |
| BP606 T | Quality Assurance | 3.00 | 3.00 | 3.00 | - | - | 3.00 | - | - | 3.00 | 3.00 | 3.00 |
| BP607P | Medicinal chemistry III | 3.00 | 3.00 | 3.00 | 3.00 | - | - | - | - | 3.00 | 3.00 | 3.00 |
| BP608P | Pharmacology III | 3.00 | - | - | 3.00 | - | - | - | - | - | - | 3.00 |
| BP609P | Herbal Drug Technology | 3.00 | 3.00 | - | 3.00 | - | - | - | 3.00 | - | 3.00 | 3.00 |
| **B. Pharmacy Final Year VII Semester** | | | | | | | | | | | | |
| BP701 T | Instrumental Methods of Analysis | 3.00 | 3.00 | 3.00 | 3.00 | - | 3.00 | - | - | - | - | 3.00 |
| BP702 T | Industrial Pharmacy II | 3.00 | 3.00 | 3.00 | 3.00 | - | 3.00 | - | 3.00 | - | - | 3.00 |
| BP703 T | Pharmacy Practice | 3.00 | - | - | 3.00 | - | - | - | - | - | - | 3.00 |
| BP704 T | Novel Drug Delivery System | 3.00 | 3.00 | 3.00 | 3.00 | - | 3.00 | 3.00 | - | 3.00 | 3.00 | 3.00 |
| BP705P | Instrumental Methods of Analysis | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | - | - | 3.00 | - | - | 3.00 |
| BP706PS | Practice School* | 2.70 | - | - | - | - | 2.70 | - | - | - | - | 2.70 |
| **B. Pharmacy Final Year VIII Semester** | | | | | | | | | | | | |
| BP801 T | Biostatistics and Research Methodology | 3.00 | 3.00 | 3.00 | - | - | - | - | - | 3.00 | - | 3.00 |
| BP802 T | Social and Preventive Pharmacy | 3.00 | 3.00 | 3.00 | 3.00 | - | - | 3.00 | - | - | 3.00 | 3.00 |
| BP804 ET | Pharmaceutical Regulatory Science | 3.00 | - | - | 3.00 | - | - | - | - | 3.00 | - | 3.00 |
| BP806 ET | Quality Control and Standardization of Herbals | 3.00 | 3.00 | 3.00 | 3.00 | - | 3.00 | 3.00 | - | 3.00 | 3.00 | 3.00 |
| BP813 PW | Project Work | 3.00 | - | 3.00 | - | - | 3.00 | 3.00 | 3.00 | 3.00 | - | 3.00 |
| | Direct Attainment (3 Max) | 2.92 | 2.99 | 2.90 | 2.91 | 3.00 | 2.99 | 3.00 | 2.95 | 2.97 | 3.00 | 2.92 |
| | Direct Attainment (100 %) | 97.34 | 99.63 | 96.80 | 96.87 | 100 | 99.50 | 100 | 98.47 | 99.08 | 100 | 97.34 |
| | Direct Attainment (80 %) | 77.87 | 79.71 | 77.44 | 77.50 | 80.00 | 79.60 | 80.00 | 78.78 | 79.27 | 80.00 | 77.87 |
| | Indirect Attainment (20 %) | 18.22 | 16.25 | 17.22 | 17.66 | 17.10 | 16.80 | 17.22 | 16.70 | 18.10 | 16.50 | 18.20 |



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| Course code | Course Title | Program Outcomes | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | Total Attainment (%) | 96.09 | 95.96 | 94.66 | 95.16 | 97.10 | 96.40 | 97.22 | 95.48 | 97.37 | 96.50 | 96.07 |

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