



# **Shree Santkrupa College of Pharmacy, Ghogaon**

## **Criterion 2**

### **Teaching- Learning and Evaluation**

#### **2.6**

#### **Student Performance and Learning Outcomes**

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##### **2.6.2**

**Attainment of POs and COs are evaluated**



## 2.6 Student Performance and Learning Outcomes

### 2.6.2 Attainment of POs and COs are evaluated

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## 1. Process of CO's and PO's Attainment

Assessment processes used to gather the data upon which the evaluation of Course Outcome is based. For the assessment process of course outcome we require to gather upon data which can concretely defines the attainment levels procured and helps us to focus on the levels of inputs to be provided during the course to achieve for the targets that are set for. Scheme and Syllabus (Subject wise) is provided by the University. All course outcomes are developed using Bloom's taxonomy. Each statement of the course was mapped to the Programme outcome to find the level in the scale of 3, with due rationale justification and thought. The mean of each CO-PO was calculated which depicts the attainment level to be obtained for each PO in the respective course. The average of the mean of CO-PO matrices was obtained which illustrate the attainment level set. For obtaining the attainment levels for course outcomes data is collected from

- Internal assessment
- University exam assessment.

As weightage is not specified, we have taken weightage as follows For the Academic year 2021-22: First year course to final year 25 % internal assessment and 75% university examination. Internal Assessment: The course outcomes are assessed by the performance of students in the internal exams. The internal examination directly provides a data upon which we can judge students' knowledge through his /her solved papers. It provides us a discrete data which serves us to show the attainment level.

Internal assessment comprises of: 1. Internal semester examination

2. Continuous mode
3. Class test
4. Assignment
5. Seminars
6. Group Discussion

Since the question wise result of students from the university semester examination are not available, for the analysis we have mapped all the question of the internal question papers

solved by the students with the course outcomes set for the subject. Aggregate marks of each question are found and it is mapped to with the respective course outcomes to which the question can be related. The analysis of Course Outcomes with questions is limited to internal examinations, assessment of lab practical; this data provides us direct mapping of course outcomes of students attained in the internal semester question papers. Through the internal papers we have mapped the course outcome attained in each question solved by the students. This data provided gives a clear numerical value on the % attainment level obtained for the course.

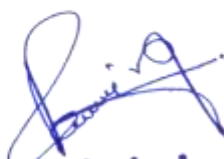
❖ **For the academic year 2021-22:**

- **Internal assessment** is done as follows First to Final Year- 25 % internal marks for theory and practical is considered as
  - 15% Internal Theory, Practical Examination (CO-PO Mapping)
  - 10% for continuous mode (which includes attendance, Assignments, Test, Seminars, Group Discussion, Students attentiveness, orals etc.)

■ **Semester End Examination:**

It is an important tool for assessment of course outcomes. This examination consists of objective as well as descriptive type questions and is conducted by the University. For the academic year 2021-22, the First Year to Final Year Syllabus was followed as prescribed by PCI, where students solved end semester examination of 75% marks comprising of short answer and descriptive question.



  
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**2. CO-PO Mapping for the Academic Year 2021-22****B. PHARMACY**

<b>First Year B.Pharmacy</b>
<b>SEM I</b>
<b>BP101T Human Anatomy and Physiology- I(Theory)</b>

Codes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11
CO1	3	2	3	2	2	2	1	2	2	1	2
CO2	3	2	3	2	1	2	1	2	2	1	2
CO3	3	3	3	3	2	2	2	2	2	1	2
CO4	3	2	2	2	2	2	1	2	2	1	2
CO5	3	3	3	2	2	2	1	2	2	1	2
Average Course Outcome(Max=3.00)= <b>2.04</b>	<b>3</b>	<b>2.4</b>	<b>2.8</b>	<b>2.2</b>	<b>1.8</b>	<b>2.</b>	<b>1.2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>

<b>BP102T Pharmaceutical Analysis -I(Theory)</b>
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Codes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11
CO1	3	3	3	2	1	2	2	2	2	2	2
CO2	3	3	3	2	2	2	2	2	2	2	2
CO3	2	2	1	2	1	3	2	2	2	2	2
CO4	3	3	3	2	2	3	3	2	2	2	3
CO5	3	3	3	2	2	2	2	2	1	2	3
CO6	3	3	2	3	2	2	1	2	1	2	2
Average Course Outcome (Max 3.00) = <b>2.21</b>	<b>2.83</b>	<b>2.83</b>	<b>2.50</b>	<b>2.17</b>	<b>1.67</b>	<b>2.33</b>	<b>2.00</b>	<b>2.00</b>	<b>1.67</b>	<b>2.00</b>	<b>2.33</b>

**BP103T Pharmaceutics -I(Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	1	3	1	2	2	2	2	1	3
CO2	3	2	2	1	1	1	2	1	1	1	3
CO3	3	1	2	2	1	2	2	2	2	1	3
CO4	3	2	2	2	1	2	2	2	2	2	3
CO5	3	2	2	2	1	2	2	2	1	2	3
CO6	3	1	2	2	1	1	2	2	2	2	3
Average Course Outcome (Max 3.00) = <b>1.91</b>	<b>3.00</b>	<b>1.5</b>	<b>1.83</b>	<b>2.00</b>	<b>1.00</b>	<b>1.67</b>	<b>2.00</b>	<b>1.83</b>	<b>1.67</b>	<b>1.5</b>	<b>3.00</b>

**BP104T Pharmaceutical Inorganic Chemistry (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	3	1	1	2	2	3	3	1	3	1
CO2	2	2	2	3	3	1	2	2	3	2	2
CO3	1	3	3	2	1	2	1	2	1	1	2
CO4	2	1	2	1	3	3	2	3	2	3	3
CO5	3	2	3	3	1	3	1	2	3	2	1
CO6	1	3	1	2	2	2	3	1	2	3	2
Average Course Outcome (Max 3.00) = <b>2.08</b>	<b>2</b>	<b>2.33</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2.17</b>	<b>2</b>	<b>2.17</b>	<b>2</b>	<b>2.33</b>	<b>1.83</b>

**BP105T Communication Skills\*– (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	2	2	2	2	2	2	1	2	2	1	2
CO2	2	1	1	1	2	1	1	2	2	1	3
CO3	1	1	2	3	2	2	1	3	2	1	3
CO4	2	1	2	2	2	2	1	3	1	1	3
CO5	1	1	1	2	3	1	1	3	2	1	2
CO6	2	2	1	1	3	2	1	2	2	1	3
Average Course Outcome (Max 3.00) = <b>1.76</b>	<b>1.67</b>	<b>1.33</b>	<b>1.5</b>	<b>1.83</b>	<b>2.33</b>	<b>1.67</b>	<b>1</b>	<b>2.5</b>	<b>1.83</b>	<b>1</b>	<b>2.76</b>

**BP106RBT Remedial Biology\*– (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	3	1	1	-	2	2	2	1	-	2
CO2	2	2	2	2	-		1	2	2	-	1
CO3	3	3	2	1	-	1	1	1		-	2
CO4	3	3	1	2	-	1	1	2	1	-	3
CO5	2	3	1	2	-			2	1	-	2
CO6	3	2	2	1	-	2	1	1	2	1	2
Average Course Outcome (Max 3.00) = <b>1.71</b>	<b>2.67</b>	<b>2.67</b>	<b>1.5</b>	<b>1.5</b>	<b>-</b>	<b>1.5</b>	<b>1.2</b>	<b>1.67</b>	<b>1.4</b>	<b>1</b>	<b>2</b>

**BP106RMT Remedial Mathematics\*– (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	2	2	2	1	2	2	2	3	2
CO2	3	2	2	3	2	2	2	1	2	2	1
CO3	3	3	1	1	3	3	2	3	2	2	3
CO4	3	2	3	2	2	1	2	1	2	2	2
CO5	3	2	1	1	2	3	2	2	2	2	3
CO6	3	2	2	3	1	3	2	1	2	1	2
Average Course Outcome (Max 3.00) = <b>2.09</b>	<b>3</b>	<b>2.17</b>	<b>1.83</b>	<b>2</b>	<b>2</b>	<b>2.17</b>	<b>2</b>	<b>1.87</b>	<b>2</b>	<b>2</b>	<b>2.17</b>

**BP107P Human Anatomy and Physiology –I (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	2	2	2	3	1	2	3	1	3
CO2	3	1	2	2	1	2	1	2	2	1	3
CO3	3	2	2	2	2	3	2	2	2	1	3
CO4	3	2	3	3	2	3	2	2	2	2	3
CO5	3	2	3	3	2	3	2	2	2	2	3
Average Course Outcome (Max 3.00) = <b>2.22</b>	<b>3</b>	<b>1.8</b>	<b>2.4</b>	<b>2.4</b>	<b>1.8</b>	<b>2.8</b>	<b>1.6</b>	<b>2</b>	<b>2.2</b>	<b>1.4</b>	<b>3</b>

**BP108P Pharmaceutical Analysis –I (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	2	1	1	2	1	1	1	2	2
CO2	3	2	2	1	1	2	1	1	1	2	2
CO3	3	2	2	1	1	2	1	1	1	2	2
CO4	3	2	2	1	1	2	1	1	1	2	2
CO5	3	2	2	1	1	2	1	1	1	2	2
CO6	3	2	2	2	1	2	1	1	1	2	2
Average Course Outcome (Max 3.00) = <b>1.65</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>1.17</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>

**BP109P Pharmaceutics-I (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	1	3	1	2	2	2	2	1	3
CO2	3	2	2	1	1	2	2	1	1	1	3
CO3	3	2	2	2	1	2	2	2	2	1	3
CO4	3	2	2	2	1	2	2	2	2	2	3
CO5	3	2	2	2	1	2	2	2	1	2	3
CO6	3	1	2	2	1	2	2	2	2	2	3
Average Course Outcome (Max 3.00) = <b>1.97</b>	<b>3</b>	<b>1.83</b>	<b>1.83</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1.83</b>	<b>1.67</b>	<b>1.5</b>	<b>3</b>

**BP110P Pharmaceutical Inorganic Chemistry (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2		1	2	1	2	2	3	2	3
CO2	3	3	2	3	3	2	1	2	2	3	1
CO3	3	3	2	2	1	2	2	2	2	1	3
CO4	3	2	1	2	3	2	3	1	1	2	1
CO5	3	2	2	3	3	1	1	3	2	2	2
CO6	2	3	3	2	1	3	3	2	2	1	2
Average Course Outcome (Max 3.00) = <b>2.14</b>	<b>2.83</b>	<b>2.5</b>	<b>2.17</b>	<b>2.17</b>	<b>2.17</b>	<b>1.83</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1.83</b>	<b>2</b>



**BP111P Communication Skill (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	1	1	2	2	1	3	2	2	3
CO2	2	2	2	2	1	2	2	2	2	3	3
CO3	1	1	1	1	2	1	1	3	1	1	2
CO4	1	1	1	1	1	1	1	2	1	2	2
CO5	1	1	1	1	2	3	1	1	2	2	3
CO6	1	2	1	2	1	3	1	2	3	2	2
Average Course Outcome (Max 3.00) = <b>1.74</b>	<b>1.33</b>	<b>1.5</b>	<b>1.17</b>	<b>1.33</b>	<b>1.5</b>	<b>2</b>	<b>1.17</b>	<b>2.17</b>	<b>2</b>	<b>2.5</b>	<b>2.5</b>

**BP112RBP Remedial Biology (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	3	3	1	2	-	2	3	-	2
CO2	3	2	1	2	1	2	1	2	2	1	3
CO3	3	2	2	3	1	2	2	1	3	1	3
CO4	3	1	2	3	2	3	2	1	2	2	3
CO5	3	2	3	3	2	3	2	2	3	2	3
Average Course Outcome (Max 3.00) = <b>2.16</b>	<b>3</b>	<b>1.8</b>	<b>2.2</b>	<b>2.8</b>	<b>1.4</b>	<b>2.4</b>	<b>1.75</b>	<b>1.5</b>	<b>2.6</b>	<b>1.5</b>	<b>2.8</b>

<b>SEM-II</b>
<b>BP201T Human Anatomy and Physiology II – (Theory)</b>

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	2	2	2	3	1	1	2	1	3
CO2	3	2	2	1	2	3	1	1	2	1	3
CO3	3	2	2	1	2	3	1	2	2	1	3
CO4	3	2	2	2	2	3	2	2	2	1	3
CO5	3	2	2	2	1	3	2	2	2	1	3
Average Course Outcome (Max 3.00) = <b>2.04</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>1.6</b>	<b>1.8</b>	<b>3</b>	<b>1.4</b>	<b>1.6</b>	<b>2</b>	<b>1</b>	<b>3</b>

<b>BP202T Pharmaceutical Organic Chemistry -I (Theory)</b>
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<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	1.5	3	1	2	1	1.5	2	2	3
CO2	3	2	2	2	1	2	1	1	2	2	3
CO3	3	2	2	3	1	2	1	1	2	2	3
CO4	3	2	2	2.5	1	2	1	2	2	2	3
CO5	3	2	2	2	1	2	1	1.5	2	2	2
Average Course Outcome (Max 3.00) = <b>1.93</b>	<b>3</b>	<b>2</b>	<b>1.80</b>	<b>2.40</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1.20</b>	<b>2</b>	<b>2</b>	<b>2.80</b>

<b>BP203T Biochemistry (Theory)</b>
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<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	2	3	2	1	2	3	1	2	1	3	1
CO2	1	1	3	2	2	2	3	2	3	1	3
CO3	3	2	1	2	1	1	1	3	1	2	1
CO4	2	3	2	3	3	3	2	2	3	1	3
CO5	1	1	3	2	3	1	2	1	2	2	2
CO6	2	2	2	3	2	3	1	2	1	3	1
Average Course Outcome(Max3.00) = <b>1.98</b>	<b>1.83</b>	<b>2.00</b>	<b>2.17</b>	<b>2.17</b>	<b>2.17</b>	<b>2.17</b>	<b>1.67</b>	<b>2.00</b>	<b>1.83</b>	<b>2.00</b>	<b>1.83</b>

**BP204T Pathophysiology(Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	3	2	2	3	2	2	3	2	3
CO2	3	2	3	2	2	3	2	2	3	2	3
CO3	3	3	3	2	2	3	2	2	3	2	3
CO4	3	3	3	2	2	3	2	2	2	1	3
CO5	3	2	3	2	2	3	2	2	2	1	3
Average Course Outcome (Max3.00) = <b>2.42</b>	<b>3</b>	<b>2.40</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2.60</b>	<b>1.60</b>	<b>3</b>

**BP205T Computer Applications in Pharmacy (Theory)\***

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	3	3	1	2	2	1	2	1	3
CO2	3	2	2	2	1	2	2	1	2	1	3
CO3	3	2	2	3	1	2	2	2	2	1	3
CO4	3	2	2	3	1	2	2	2	2	1	3
CO5	3	2	2	1	1	2	2	2	2	1	3
CO6	3	2	2	2	1	2	2	2	2	2	3
Average Course Outcome (Max3.00) = <b>2.02</b>	<b>3</b>	<b>1.83</b>	<b>2.17</b>	<b>2.33</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1.67</b>	<b>2</b>	<b>1.17</b>	<b>3</b>

**BP206T Environmental Sciences –(Theory)\***

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	1	1	1	1	2	1	1	2	2
CO2	3	1	1	1	1	1	2	1	1	2	2
CO3	3	1	1	1	1	1	2	1	1	2	2
CO4	3	1	1	1	1	1	2	1	1	2	2
CO5	3	1	1	1	1	1	2	1	1	2	2
CO6	3	1	1	1	1	1	2	1	1	2	2
Average Course Outcome (Max 3.00) = <b>1.45</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>

**BP207P Human Anatomy and Physiology -II (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	2	1	1	2	1	2	2	2	2	2	3
CO2	2	1	2	1	2	2	2	3	2	3	2
CO3	3	2	2	2	1	3	1	1	3	3	3
CO4	3	1	1	2	1	3	2	2	3	3	2
CO5	2	1	2	2	1	2	3	3	2	2	3
CO6	2	2	2	1	2	3	3	2	3	2	3
Average Course Outcome (Max 3.00) = <b>2.08</b>	<b>2.33</b>	<b>1.33</b>	<b>1.67</b>	<b>1.67</b>	<b>1.33</b>	<b>2.5</b>	<b>2.17</b>	<b>2.17</b>	<b>2.5</b>	<b>2.5</b>	<b>2.67</b>

**BP208P Pharmaceutical Organic Chemistry- I (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	2	1.5	1.5	2	1.5	1.5	2	1.5	2
CO2	3	2	2	1.5	1.5	2	1.5	1.5	2	1	2
CO3	3	3	2	2.5	2	2	2	1.5	2	2	2.5
CO4	3	2.5	2	2	2	2	2	1.5	2	1.5	2
CO5	3	2	2	2	2	2	2	1.5	2	1	2
CO6	3	2.5	2	2	2	2	2	1.5	2	1	2
Average Course Outcome (Max 3.00) = <b>1.85</b>	<b>3</b>	<b>2.17</b>	<b>2</b>	<b>1.67</b>	<b>1.67</b>	<b>2</b>	<b>1.67</b>	<b>1.00</b>	<b>2</b>	<b>1.17</b>	<b>2</b>

**BP209P Biochemistry (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	2	2	3	2	2	3	2	1	2	1	1
CO2	2	3	2	1	3	2	2	3	2	1	2
CO3	1	3	1	3	3	3	2	2	2	2	3
CO4	2	1	1	3	2	2	1	3	3	3	1
CO5	3	1	2	2	1	1	1	2	2	3	3
CO6	2	2	3	1	2	1	3	2	1	2	1
Average Course Outcome (Max 3.00) = <b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.17</b>	<b>2.00</b>	<b>1.83</b>	<b>2.17</b>	<b>2.00</b>	<b>2.00</b>	<b>1.83</b>

**BP210P Computer Applications in Pharmacy (Practical)\***

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	2	2	1	1	2	1	1	1	3
CO2	3	1	2	2	1	2	2	2	1	1	3
CO3	3	2	2	2	1	1	2	2	1	1	3
CO4	3	1	2	2	1	2	2	2	1	1	3
CO5	3	2	2	2	1	2	2	2	1	1	3
CO6	3	1	2	2	1	2	2	2	1	1	3
Average Course Outcome (Max 3.00) = <b>1.8</b>	<b>3</b>	<b>1.33</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1.67</b>	<b>2</b>	<b>1.83</b>	<b>1</b>	<b>1</b>	<b>3</b>

<b>Second Year B-Pharmacy</b>
<b>SEM III</b>
<b>BP301T Pharmaceutical Organic Chemistry- II(Theory)</b>

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2.50	2.50	2	2	1.50	2.50	2.50	2	2.50	2.50
CO2	3	2.50	2.50	2	2	1.50	2.50	2.50	2	2.50	2.50
CO3	3	2.50	2.50	2	2	1.50	2.50	2.50	2	2.50	2.50
CO4	3	2.50	2.50	2	2	1.50	2.50	2.50	2	2.50	2.50
CO5	3	2.50	2.50	2	2	1.50	2.50	2.50	2	2.50	2.50
CO6	3	2.50	2.50	2	2	1.50	2.50	2.50	2	2.50	2.50
Average Course Outcome (Max 3.00) = <b>2.00</b>	<b>3</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>1.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>

<b>BP302T Physical Pharmaceutics- I (Theory)</b>
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<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	3	3	2	2	2	2	2	3	2	3
CO2	3	3	3	2	3	3	2	3	2	2	3
CO3	3	3	2	3	2	3	3	3	2	3	3
CO4	3	3	2	2	2	3	2	2	2	3	3
CO5	3	3	2	2	3	2	3	2	2	2	3
CO6	3	3	2	3	2	2	2	1	2	2	3
Average Course Outcome (Max 3.00) = <b>2.50</b>	<b>3</b>	<b>3</b>	<b>2.33</b>	<b>2.33</b>	<b>2.33</b>	<b>2.50</b>	<b>2.33</b>	<b>2.17</b>	<b>2.17</b>	<b>2.33</b>	<b>3.00</b>

<b>BP303T Pharmaceutical Microbiology (Theory)</b>
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<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	1	1	1	2	1	2	2	3	3
CO2	3	2	1	2	1	2	1	2	2	3	3
CO3	3	2	1	1	1	2	1	2	2	3	3
CO4	3	2	1	1	1	2	1	2	2	3	3
CO5	3	3	1	1	1	2	1	2	2	3	3
CO6	3	2	1	1	1	2	1	2	1	3	3
Average Course Outcome (Max 3.00) = <b>1.92</b>	<b>3</b>	<b>2.17</b>	<b>1</b>	<b>1.17</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1.83</b>	<b>3</b>	<b>3</b>

**BP304T Pharmaceutical Engineering (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	2	2	1	1	-	2	2	1	2
CO2	2	1	2	-	-	-	1	-	-	2	2
CO3	2	1	2	2	1	1	-	-	-	1	2
CO4	2	1	2	2	2	1	-	2	-	1	2
CO5	2	1	2	1	1	1	1	-	-	1	1
CO6	3	2	2	2	1	-	-	-	-	1	1
Average Course Outcome (Max 3.00) = <b>1.59</b>	<b>2.33</b>	<b>1.33</b>	<b>2</b>	<b>1.8</b>	<b>1.2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1.17</b>	<b>1.67</b>

**BP305P Pharmaceutical Organic Chemistry- II (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	2	2.50	1	2	1	2	2	1	2
CO2	2.50	1	2	2	2	2	1	2	2	1	2
CO3	3	3	2	3	2	2	2	2	2	2	2
CO4	3	3	2	3	2	2	2	2	2	1	2
CO5	3	2	3	2	2	2	1	2	2	2	2
CO6	2.50	1	2	2	1	2	2	2	2	1	2
Average Course Outcome (Max 3.00) = <b>1.97</b>	<b>2.67</b>	<b>2.00</b>	<b>2.17</b>	<b>2.33</b>	<b>1.67</b>	<b>2.00</b>	<b>1.50</b>	<b>2.00</b>	<b>2.00</b>	<b>1.33</b>	<b>2.00</b>

**BP306P Physical Pharmaceutics - I (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	3	2	3	1	1	2	2	2	3
CO2	3	2	2	2	2	3	2	3	2	2	3
CO3	3	1	2	1	2	3	3	3	2	3	3
CO4	3	2	2	2	2	2	2	1	3	3	3
CO5	3	2	1	2	1	2	1	2	1	2	3
CO6	3	1	2	1	2	1	2	1	2	2	3
Average Course Outcome (Max 3.00) = <b>2.14</b>	<b>3</b>	<b>1.67</b>	<b>2.00</b>	<b>1.67</b>	<b>2.00</b>	<b>2.00</b>	<b>1.83</b>	<b>2.00</b>	<b>2.00</b>	<b>2.33</b>	<b>3.00</b>

**BP307P Pharmaceutical Microbiology – (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	1	2	1	2	3	2	2	2	3
CO2	3	2	1	1	1	1	2	2	1	1	3
CO3	3	2	1	2	1	2	2	2	2	3	3
CO4	3	2	1	2	1	1	2	2	2	3	3
CO5	3	2	2	2	1	2	2	2	2	1	3
CO6	3	2	1	2	1	2	2	2	2	2	3
Average Course Outcome (Max 3.00) = <b>1.95</b>	<b>3</b>	<b>1.83</b>	<b>1.17</b>	<b>1.83</b>	<b>1</b>	<b>1.67</b>	<b>2.17</b>	<b>2</b>	<b>1.83</b>	<b>2</b>	<b>3</b>

**BP 308P Pharmaceutical Engineering (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	2	3	2	2	-	1	1	-	-	1	1
CO2	2	2	-	1	-	-	1	1	-	1	1
CO3	2	2	3	2	-	1	-	1	1	1	1
CO4	3	2	2	2	-	-	-	-	-	1.5	1.5
CO5	3	3	2	2	1	-	-	-	-	1	1
CO6	3	3	3	2	1	-	2	1	1	1	1
Average Course Outcome (Max 3.00) = <b>1.51</b>	<b>2.5</b>	<b>2.5</b>	<b>2.4</b>	<b>1.83</b>	<b>1</b>	<b>1</b>	<b>1.33</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>

**SEM IV**

**BP401T Pharmaceutical Organic Chemistry- III (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2.5	2	2.5	2	2	2	2.5	2	2.5	2
CO2	3	2	2	2	2	2.5	2	2	2.5	2.5	2.5
CO3	3	2	2	2	2	2.5	2	2	2	2	2.5
CO4	3	2	2.5	2	1.5	2	2	2	2.5	2.5	2
CO5	3	2	2.5	2.5	1.5	2	2.5	2.5	2	2	2
CO6	3	2	1.5	1.5	2	2.5	2	2.5	2	2.5	2
Average Course Outcome (Max 3.00) = <b>2.03</b>	<b>3.00</b>	<b>2.00</b>	<b>1.83</b>	<b>1.83</b>	<b>1.67</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>



**BP402T Medicinal Chemistry -I (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	1		1	1	1	2	2	1	3
CO2	3	2	2		2	2	2	1	2	1	3
CO3	3	1	2	1	2	2	2	1	2	2	3
CO4	3	1	1	1	2	1	1	1	1	2	3
CO5	3	1	2		2	2	2	2		2	3
CO6	3	2	2		1	1	2	2	2	2	3
Average Course Outcome (Max 3.00) = <b>1.80</b>	<b>3</b>	<b>1.33</b>	<b>1.67</b>	<b>1.00</b>	<b>1.67</b>	<b>1.50</b>	<b>1.67</b>	<b>1.50</b>	<b>1.80</b>	<b>1.67</b>	<b>3.00</b>

**BP403T Physical Pharmaceutics- II (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	2	2	2	2	2	2	2	1	3
CO2	3	2	1	2	1	2	1	2	2	2	3
CO3	3	3	3	1	2	2	2	2	2	2	2
CO4	2	2	2	1	1	2	1	2	1	2	3
CO5	1	2	3	2	3	3	2	3	2	1	3
CO6	2	1	2	2	2	2	1	2	1	2	3
Average Course Outcome (Max 3.00) = <b>1.98</b>	<b>2.33</b>	<b>1.83</b>	<b>2.17</b>	<b>1.67</b>	<b>1.83</b>	<b>2.17</b>	<b>1.50</b>	<b>2.17</b>	<b>1.67</b>	<b>1.67</b>	<b>2.83</b>

**BP404T Pharmacology- I (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	2	2	2	2	2	3	2	1	2	2	2
CO2	3	3	2	2	2	2	2	2	1	1	2
CO3	2	2	3	2	2	2	1	2	3	3	1
CO4	2	2	2	2	1	2	2	2	1	2	2
CO5	3	2	2	1	2	1	2	2	2	2	2
CO6	3	2	2	1	3	2	2	2	2	2	2
Average Course Outcome (Max 3.00) = <b>1.98</b>	<b>2.5</b>	<b>2.17</b>	<b>2.17</b>	<b>1.67</b>	<b>2</b>	<b>2</b>	<b>1.83</b>	<b>1.83</b>	<b>1.83</b>	<b>2</b>	<b>1.83</b>

**BP405T Pharmacognosy and Phytochemistry- I (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	1	1	1	3	1	1	1	1	3
CO2	3	1	1	1	1	2	1	1	1	1	3
CO3	3	2	2	3	1	2	1	1	2	3	3
CO4	3	2	2	3	1	2	2	1	2	2	3
CO5	3	1	1	1	1	2	1	1	2	1	3
CO6	3	1	1	1	1	2	1	1	2	1	3
Average Course Outcome (Max 3.00) = <b>1.71</b>	<b>3</b>	<b>1.33</b>	<b>1.33</b>	<b>1.67</b>	<b>1</b>	<b>2.17</b>	<b>1.17</b>	<b>1</b>	<b>1.67</b>	<b>1.5</b>	<b>3</b>

**BP406P Medicinal Chemistry- I (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	1	-	2	2	2	2	2	1	2
CO2	3	2	2	1	2	2	1	2	2	2	2
CO3	2	1	2	2	2	2	2	1	1	1	3
CO4	3	2	2	2	1	2	2	2	2	1	3
CO5	3	1	2	2	2	1	2	1	1	2	3
CO6	3	1	1	1	2	2	2	2	1	1	3
Average Course Outcome (Max 3.00) = <b>1.83</b>	<b>2.83</b>	<b>1.33</b>	<b>1.67</b>	<b>1.60</b>	<b>1.83</b>	<b>1.83</b>	<b>1.83</b>	<b>1.67</b>	<b>1.50</b>	<b>1.33</b>	<b>2.67</b>

**BP407P Physical Pharmaceutics- II (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	3	2	2	2	1	2	1	2	1	3
CO2	3	2	1	2	2	2	2	2	1	1	3
CO3	3	2	2	2	2	2	2	2	1	1	3
CO4	3	2	2	2	2	2	2	2	1	1	3
CO5	3	1	2	2	2	2	2	2	1	1	3
CO6	3	1	2	2	1	2	2	2	1	1	3
Average Course Outcome (Max 3.00) = <b>1.94</b>	<b>3.00</b>	<b>1.83</b>	<b>1.83</b>	<b>2.00</b>	<b>1.83</b>	<b>1.83</b>	<b>2.00</b>	<b>1.83</b>	<b>1.17</b>	<b>1.00</b>	<b>3.00</b>

**BP408P Pharmacology- I (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	2	2	1	1	1	2	1	1	2
CO2	3	2	2	1	1	1	1	2	1	2	2
CO3	3	2	2	2	1	1	1	2	1	1	2
CO4	3	1	2	2	1	1	1	2	1	1	2
CO5	3	1	2	3	1	1	1	2	1	1	2
CO6	3	1	2	2	1	1	1	2	1	1	2
Average Course Outcome (Max 3.00) = <b>1.59</b>	<b>3</b>	<b>1.33</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1.17</b>	<b>2</b>

**BP409P Pharmacognosy and Phytochemistry -I (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	1	1	1	2	1	1	2	1	3
CO2	3	1	1	1	1	2	1	1	1	1	3
CO3	3	1	1	1	1	1	1	1	1	1	3
CO4	3	1	1	1	1	1	1	1	1	1	3
CO5	3	1	1	1	1	1	1	1	1	1	3
CO6	3	1	1	1	1	2	1	1	1	1	3
Average Course Outcome (Max 3.00) = <b>1.42</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1.5</b>	<b>1</b>	<b>1</b>	<b>1.17</b>	<b>1</b>	<b>3</b>

<b>Third Year B-Pharmacy</b>
<b>SEM V</b>
<b>BP501T Medicinal Chemistry -II (Theory)</b>

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	3	2	2	1	2	1	2	2	2	2
CO2	3	3	2	2	1	2	1	2	2	2	2
CO3	3	3	2	2	1	2	1	2	2	2	2
CO4	3	3	2	2	1	2	1	2	2	2	2
CO5	3	3	2	2	1	2	1	2	2	2	2
CO6	3	3	2	2	1	2	1	2	2	2	2
Average Course Outcome (Max 3.00) = <b>2.00</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>

<b>BP502T Industrial Pharmacy-I (Theory)</b>
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<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	2.5	2	2	2	2	2.5	2	2	2	2	2.5
CO2	2.5	2.5	2	2.5	2	2.5	2	1.5	2.5	2	2.5
CO3	2.5	2.5	2.5	2.5	2.5	2.5	2	2	2.5	2	2.5
CO4	2.5	2.5	2.5	2.5	2.5	2.5	2	1.5	2	2	2.5
CO5	2.5	2.5	2.5	2	2	2.5	2	1.5	2.5	2	2.5
CO6	2.5	2	2.5	2.5	2.5	2.5	2	2	2.5	2	2.5
Average Course Outcome (Max 3.00) = <b>1.95</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>1.50</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>

<b>BP503T Pharmacology- II (Theory)</b>
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<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	2	2	2	2	1	2	2	1	3
CO2	3	1	2	1	2	2	1	2	2	1	3
CO3	3	1	2	2	2	2	1	2	2	1	3
CO4	3	1	1	1	1	2	1	2	2	1	3
CO5	3	1	2	1	2	2	1	2	2	1	3
Average Course Outcome (Max 3.00) = <b>1.77</b>	<b>3</b>	<b>1</b>	<b>1.67</b>	<b>1.5</b>	<b>1.67</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1.83</b>	<b>1</b>	<b>2.83</b>

**BP504T Pharmacognosy and Phytochemistry -II (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	2	1	1	2	1	1	1	1	1	2	2
CO2	3	1	1	1	1	1	1	1	3	1	3
CO3	3	1	1	1	1	1	1	1	3	2	3
CO4	3	1	2	2	1	1	1	1	2	2	3
CO5	3	1	1	3	1	2	1	1	2	2	3
CO6	3	1	2	3	1	2	1	1	2	2	3
Average Course Outcome (Max 3.00) = <b>1.67</b>	<b>2.83</b>	<b>1</b>	<b>1.33</b>	<b>2</b>	<b>1</b>	<b>1.33</b>	<b>1</b>	<b>1</b>	<b>2.17</b>	<b>1.83</b>	<b>2.83</b>

**BP505T Pharmaceutical Jurisprudence – (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	-	-	-	-	2	1	1	2	-	2
CO2	3	2	-	-	-	2	1	1	2	-	1
CO3	3	2	1	-	-	1	1	-	1	-	2
CO4	3	1	2	-	-	2	1	1	2	2	2
CO5	3	2	-	-	-	3	2	-	2	1	2
CO6	3	2	-	-	-	-	2	2	1	-	1
Average Course Outcome (Max 3.00) = <b>1.42</b>	<b>3</b>	<b>1.8</b>	<b>1.5</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>1.33</b>	<b>1.25</b>	<b>1.67</b>	<b>1.5</b>	<b>1.67</b>

**BP506P Industrial Pharmacy- I (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	2	3	1	3	2	1	3	1	3
CO2	2	1	2	2	1	2	2	1	2	1	3
CO3	3	1	1	2	1	2	2	1	3	1	3
CO4	3	1	1	3	1	3	2	1	2	1	3
CO5	3	1	2	3	1	2	2	1	2	1	3
CO6	3	1	1	2	1	1	2	1	2	1	3
Average Course Outcome (Max 3.00) = <b>1.85</b>	<b>2.83</b>	<b>1.00</b>	<b>1.50</b>	<b>2.50</b>	<b>1.00</b>	<b>2.17</b>	<b>2.00</b>	<b>1.00</b>	<b>2.33</b>	<b>1.00</b>	<b>3.00</b>

**BP507P Pharmacology -II (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	2	2	2	1	1	2	1	1	2
CO2	3	1	2	2	2	1	1	2	2	1	2
CO3	3	2	2	2	2	1	1	2	2	1	2
CO4	3	1	2	1	1	1	1	2	1	1	2
CO5	3	1	2	2	2	2	1	2	2	1	2
CO6	3	2	2	2	2	1	2	2	2	1	2
Average Course Outcome (Max 3.00) = <b>1.74</b>	<b>3.00</b>	<b>1.50</b>	<b>2.00</b>	<b>1.83</b>	<b>1.83</b>	<b>1.17</b>	<b>1.17</b>	<b>2.00</b>	<b>1.67</b>	<b>1.00</b>	<b>2.00</b>

**BP508P Pharmacognosy and Phytochemistry- II (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	1	3	1	2	1	1	2	1	3
CO2	3	1	1	3	1	2	1	1	2	1	3
CO3	3	1	1	3	1	2	1	1	2	2	3
CO4	3	1	1	3	1	2	1	1	2	2	3
CO5	3	1	1	3	1	2	1	1	2	2	3
CO6	3	1	1	1	1	1	1	1	1	1	3
Average Course Outcome (Max 3.00) = <b>1.71</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>2.67</b>	<b>1</b>	<b>1.83</b>	<b>1</b>	<b>1</b>	<b>1.83</b>	<b>1.5</b>	<b>3</b>

**SEM VI**

**BP601T Medicinal Chemistry -III (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	2	2	1	2	1	2	2	2	3
CO2	3	2	2	2	1	2	1	2	1	2	3
CO3	3	2	2	2	1	2	1	2	2	2	3
CO4	3	2	2	2	1	2	1	2	2	2	3
CO5	3	2	2	2	1	2	1	2	1	2	3
CO6	3	2	2	2	1	2	1	2	2	2	3
Average Course Outcome (Max 3.00) = <b>1.97</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1.67</b>	<b>2</b>	<b>3</b>

**BP602T Pharmacology- III (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	2	1	1	2	2	1	2	1	3
CO2	3	2	1	2	1	3	2	1	1	1	2
CO3	3	2	2	1	1	2	2	1	2	1	3
CO4	3	2	2	1	2	2	2	1	1	2	2
CO5	3	2	1	1	2	2	2	1	2	1	2
CO6	3	2	2	1	1	1	1	1	3	3	3
Average Course Outcome (Max 3.00) = <b>1.80</b>	<b>3</b>	<b>2</b>	<b>1.66</b>	<b>1.16</b>	<b>1.33</b>	<b>2</b>	<b>1.8</b>	<b>1</b>	<b>1.8</b>	<b>1.5</b>	<b>2.5</b>

**BP603T Herbal Drug Technology – (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	1	1	1	3	1	1	1	1	3
CO2	3	1	1	1	1	2	1	1	1	1	3
CO3	3	2	2	3	1	2	1	1	2	3	3
CO4	3	2	2	3	1	2	2	1	2	2	3
CO5	3	1	1	1	1	2	1	1	2	1	3
CO6	3	1	1	1	1	2	1	1	2	1	3
Average Course Outcome (Max 3.00) = <b>1.67</b>	<b>3.00</b>	<b>1.16</b>	<b>1.18</b>	<b>1.56</b>	<b>1.00</b>	<b>2.16</b>	<b>1.17</b>	<b>1.00</b>	<b>1.67</b>	<b>1.5</b>	<b>3.00</b>

**BP604T Biopharmaceutics and Pharmacokinetics (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	3	2	1	2	1	1	1	1	2	2
CO2	3	2	3	2	2	1	1	1	1	2	2
CO3	3	3	2	3	2	1	1	1	1	2	2
CO4	3	2	2	2	2	2	2	2	1	2	2
CO5	3	3	1	2	1	2	2	1	1	2	2
CO6	3	2	2	2	1	2	1	1	2	1	2
Average Course Outcome (Max 3.00) = <b>1.83</b>	<b>3.00</b>	<b>2.50</b>	<b>2.00</b>	<b>2.00</b>	<b>1.67</b>	<b>1.50</b>	<b>1.33</b>	<b>1.17</b>	<b>1.17</b>	<b>1.83</b>	<b>2.00</b>

<b>BP605T Pharmaceutical Biotechnology – (Theory)</b>											
<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	2	2	1	2	1	1	2	3	3
CO2	3	3	3	3	1	1	2	1	1	2	2
CO3	3	2	3	2	2	1	2	2	2	2	3
CO4	2	2	3	3	2	2	2	1	2	2	3
CO5	3	2	2	2	1	1	2	1	2	2	2
CO6	3	3	2	3	1	2	2	1	2	2	3
Average Course Outcome (Max 3.00) = <b>2.06</b>	<b>2.83</b>	<b>2.33</b>	<b>2.50</b>	<b>2.50</b>	<b>1.33</b>	<b>1.50</b>	<b>1.83</b>	<b>1.17</b>	<b>1.83</b>	<b>2.17</b>	<b>2.67</b>

<b>BP606T Quality Assurance (Theory)</b>											
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<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	2	2	2	1	1	2	3	2	2	2	1
CO2	2	1	2	1	2	2	2	2	2	2	2
CO3	3	1	2	2	2	1	2	2	1	2	2
CO4	2	2	1	2	3	3	2	2	2	1	2
CO5	3	2	1	2	2	2	2	2	2	2	3
CO6	2	1	2	1	3	2	2	2	2	2	2
Average Course Outcome (Max 3.00) = <b>1.91</b>	<b>2.33</b>	<b>1.50</b>	<b>1.67</b>	<b>1.50</b>	<b>2.17</b>	<b>2.00</b>	<b>2.17</b>	<b>2.00</b>	<b>1.83</b>	<b>1.83</b>	<b>2.00</b>

<b>BP607P Medicinal Chemistry- III (Practical)</b>											
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<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	3	3	2	1	2	1	2	1	2	2
CO2	3	3	2	2	1	2	1	2	2	2	2
CO3	3	3	2	1	1	2	1	2	1	2	2
CO4	3	3	2	2	1	2	1	2	2	3	2
CO5	3	2	2	3	1	2	1	2	1	2	2
CO6	3	2	2	3	1	2	1	2	1	2	2
Average Course Outcome (Max 3.00) = <b>1.94</b>	<b>3</b>	<b>2.67</b>	<b>2</b>	<b>2.17</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1.33</b>	<b>2.17</b>	<b>2</b>



**BP608P Pharmacology –III (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	3	2	3	2	3	2	2	2	2	3
CO2	3	2	2	3	2	3	2	1	1	2	2
CO3	3	2	2	3	2	3	2	2	2	2	3
CO4	3	2	2	3	2	3	2	1	1	2	2
CO5	3	3	3	3	2	3	2	1	2	2	2
CO6	3	3	3	3	2	3	1	2	3	3	3
Average Course Outcome (Max 3.00) = <b>2.33</b>	<b>3</b>	<b>2.5</b>	<b>2.33</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>1.83</b>	<b>1.5</b>	<b>1.83</b>	<b>2.16</b>	<b>2.5</b>

**BP609P Herbal Drug Technology (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	3	2	3	3	3	1	1	1	1	3
CO2	3	3	3	3	2	2	1	1	1	1	3
CO3	3	2	3	3	3	2	1	1	2	3	3
CO4	3	2	3	3	3	2	2	1	2	2	3
CO5	3	3	2	2	2	2	1	1	2	1	3
CO6	3	2	1	1	1	2	1	1	2	1	3
Average Course Outcome (Max 3.00) = <b>2.11</b>	<b>3.00</b>	<b>2.50</b>	<b>2.33</b>	<b>2.50</b>	<b>2.33</b>	<b>2.17</b>	<b>1.17</b>	<b>1.00</b>	<b>1.67</b>	<b>1.50</b>	<b>3.00</b>

**Final Year B-Pharmacy**

**SEM VII**

**BP701T Instrumental Methods of Analysis (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	1	2	2	1	2	2	2	2	3
CO2	3	1	2	1	2	2	2	2	1	1	3
CO3	3	2	2	2	2	2	1	1	1	1	3
CO4	3	1	2	2	2	1	1	2	2	1	3
CO5	3	2	1	1	2	1	2	1	2	1	3
CO6	3	2	2	1	1	2	1	2	1	1	3
Average Course Outcome (Max 3.00) = <b>1.82</b>	<b>3.00</b>	<b>1.67</b>	<b>1.67</b>	<b>1.50</b>	<b>1.83</b>	<b>1.50</b>	<b>1.50</b>	<b>1.67</b>	<b>1.50</b>	<b>1.17</b>	<b>3.00</b>

**BP702T Industrial Pharmacy-II (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	3	3	1	2	3	2	3	3	3
CO2	3	3	3	2	1	3	3	3	3	2	3
CO3	3	3	3	3	1	3	3	2	3	2	3
CO4	3	3	3	3	2	3	2	2	3	2	3
CO5	3	3	3	2	1	1	3	2	3	2	3
Average Course Outcome (Max 3.00) = <b>2.56</b>	<b>3.00</b>	<b>2.80</b>	<b>3.00</b>	<b>2.60</b>	<b>1.20</b>	<b>2.40</b>	<b>2.80</b>	<b>2.20</b>	<b>3.00</b>	<b>2.20</b>	<b>3.00</b>

**BP703T Pharmacy Practice (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	3	3	3	2	3	3	3	3	2	3
CO2	3	2	3	2	1	3	3	3	3	2	3
CO3	3	3	3	3	1	3	3	3	3	2	3
CO4	3	2	3	2	2	3	3	3	2	3	3
CO5	3	2	2	2	1	3	2	3	2	3	3
CO6	3	2	1	1	-	1	2	2	1	1	1
Average Course Outcome (Max 3.00) = <b>2.43</b>	<b>3.00</b>	<b>2.33</b>	<b>2.50</b>	<b>2.17</b>	<b>1.40</b>	<b>2.67</b>	<b>2.67</b>	<b>2.83</b>	<b>2.33</b>	<b>2.17</b>	<b>2.67</b>

**BP704T Novel Drug Delivery System (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	3	2	3	2	1	1	1	1	1	3
CO2	3	2	2	3	1	1	2	1	1	1	2
CO3	3	2	3	3	1	1	2	1	1	2	2
CO4	3	2	3	3	2	3	2	2	2	2	2
CO5	3	3	3	3	2	3	3	2	1	2	2
CO6	3	2	3	3	2	3	3	2	3	2	2
Average Course Outcome (Max 3.00) = <b>2.15</b>	<b>3.00</b>	<b>2.33</b>	<b>2.67</b>	<b>3.00</b>	<b>1.67</b>	<b>2.00</b>	<b>2.17</b>	<b>1.5</b>	<b>1.5</b>	<b>1.67</b>	<b>2.17</b>

**BP705P Instrumental Methods of Analysis (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	3	3	3	3	3	3	3	3	3	3
CO2	3	2	2	2	2.5	2	2.5	2.5	2	2.5	2
CO3	3	2.5	2	2	2	2	2.5	2	2.5	2	2
CO4	3	2	2	2.5	2	2.5	2.5	2.5	3	2.5	2
CO5	3	2.5	2	2	2.5	2.5	2	2.5	2	2	2
Average Course Outcome (Max 3.00) = <b>2.35</b>	<b>3.00</b>	<b>2.20</b>	<b>2.20</b>	<b>2.20</b>	<b>2.20</b>	<b>2.20</b>	<b>2.20</b>	<b>2.20</b>	<b>2.40</b>	<b>2.20</b>	<b>2.80</b>

**BP706PS Practice School**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	3	3	3	2	3	3	3	3	2	3
CO2	3	2	3	2	1	3	3	3	3	2	3
CO3	3	3	3	3	1	3	3	3	3	2	3
CO4	3	2	3	2	2	3	3	3	2	3	3
CO5	3	2	2	2	1	3	2	3	2	3	3
CO6	3	2	1	1	-	1	2	2	1	1	1
Average Course Outcome (Max 3.00) = <b>2.43</b>	<b>3.00</b>	<b>2.33</b>	<b>2.50</b>	<b>2.17</b>	<b>1.40</b>	<b>2.67</b>	<b>2.67</b>	<b>2.83</b>	<b>2.33</b>	<b>2.17</b>	<b>2.67</b>

**SEM-VIII**

**BP801T Biostatistics and Research Methodology (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	2	2	2	2	1	-	1	1	1	-	1
CO2	2	1	2	2	1	1	1	2	1	1	2
CO3	2	3	2	2	1	-	1	2	-	-	1
CO4	2	1	2	1	-	1	-	2	1	-	2
CO5	2		1	3	2	1	-	2	1	1	2
CO6	2	2	3	2	-	-	1	1	-	-	2
Average Course Outcome (Max 3.00) = <b>1.49</b>	<b>2.00</b>	<b>1.8</b>	<b>2.00</b>	<b>2.00</b>	<b>1.25</b>	<b>1.00</b>	<b>1.00</b>	<b>1.67</b>	<b>1.00</b>	<b>1.00</b>	<b>1.67</b>

**BP802T Social and Preventive Pharmacy (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	2	1	2	3	1	2	3	2	3
CO2	3	1	2	1	2	3	1	2	3	2	3
CO3	3	1	2	1	2	3	1	2	3	2	3
CO4	3	1	2	1	2	3	1	2	3	2	3
CO5	3	1	2	1	3	3	1	2	3	2	3
CO6	3	1	2	1	3	3	1	2	3	2	3
Average Course Outcome (Max 3.00) = <b>2.12</b>	<b>3.00</b>	<b>1.00</b>	<b>2.00</b>	<b>1.00</b>	<b>2.33</b>	<b>3.00</b>	<b>1.00</b>	<b>2.00</b>	<b>3.00</b>	<b>2.00</b>	<b>3.00</b>

**BP809ET Cosmetic Science (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	2	2	1	2	2	2	2	1	3
CO2	3	1	2	1	1	2	1	2	1	1	3
CO3	3	2	1	2	1	2	2	2	2	1	3
CO4	3	1	2	2	1	2	1	2	2	1	3
CO5	3	1	2	1	1	2	1	2	1	1	3
CO6	3	1	2	1	1	2	1	2	2	1	3
Average Course Outcome (Max 3.00) = <b>1.78</b>	<b>3.00</b>	<b>1.17</b>	<b>1.83</b>	<b>1.5</b>	<b>1.00</b>	<b>2.00</b>	<b>1.33</b>	<b>2.00</b>	<b>1.67</b>	<b>1.00</b>	<b>3.00</b>

**BP811ET Advanced Instrumentation Techniques (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2.5	2.5	3	2	2	2	2	2	2	2
CO2	3	2.5	2.5	3	2	2	2	2	2	2	2
CO3	3	2.5	2.5	2.5	2	2	2	2	2	2	2
CO4	3	2.5	2.5	2.5	2	2	2	2	2	2	2
CO5	3	2.5	2.5	2.5	2	2	2	2	2	2	2
CO6	3	2.5	2.5	2.5	2	2	2	2	2	2	2
Average Course Outcome (Max 3.00) = <b>2.12</b>	<b>3.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.33</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>

**CO-PO Mapping for the Academic Year 2021-22**  
**M. Pharmacy (Pharmaceutics)**

<b>First Year M-Pharmacy (Pharmaceutics)</b>
<b>SEM I</b>
<b>MPH101T Modern Pharmaceutical Analytical Techniques (Theory)</b>

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	2	3	1	2	-	2	1	-	3
CO2	3	2	2	2	2	2	-	2	1	-	3
CO3	3	2	2	2	2	2	-	2	1	-	3
CO4	3	2	2	3	1	2	-	2	1	-	3
CO5	3	2	2	2	2	2	-	2	1	-	3
CO6	3	2	2	3	1	2	-	2	1	-	3
Average Course Outcome (Max 3.00) = <b>2.11</b>	<b>3.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.5</b>	<b>1.5</b>	<b>2.00</b>	<b>-</b>	<b>2.00</b>	<b>1.00</b>	<b>-</b>	<b>3.00</b>

<b>MPH102T Drug Delivery System (Theory)</b>
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<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	-	2	-	-	2	-	2	2	-	3
CO2	3	-	2	-	-	2	-	2	2	-	3
CO3	3	-	2	-	-	2	-	2	2	-	3
CO4	3	-	2	-	-	2	-	2	2	-	3
CO5	3	-	2	-	-	2	-	2	2	-	3
CO6	3	-	2	-	-	2	-	2	2	-	3
Average Course Outcome (Max 3.00) = <b>2.33</b>	<b>3</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>3</b>

<b>MPH103T Modern Pharmaceutics (Theory)</b>
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<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	2	2	1	2	1	2	2	-	3
CO2	3	2	2	2	1	2	1	2	2	-	3
CO3	3	2	2	2	1	2	1	2	2	--	3
CO4	3	2	2	2	1	2	1	2	2	-	3
CO5	3	2	2	2	1	2	1	2	2	-	3
CO6	3	2	2	2	1	2	1	2	2	-	3
Average Course Outcome (Max 3.00) = <b>2.00</b>	<b>3.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>1.00</b>	<b>2.00</b>	<b>1.00</b>	<b>2.00</b>	<b>2.00</b>	<b>-</b>	<b>3.00</b>

**MPH104T Regulatory Affair (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	2	2	1	2	1	2	1	1	3
CO2	3	1	2	2	1	2	1	2	1	1	3
CO3	3	1	2	2	1	2	1	2	1	1	3
CO4	3	1	2	2	1	2	1	2	1	1	3
CO5	3	1	2	2	1	2	1	2	1	1	3
CO6	3	1	2	2	1	2	1	2	1	1	3
Average Course Outcome (Max 3.00) = <b>1.73</b>	<b>3.00</b>	<b>1.00</b>	<b>2.00</b>	<b>2.00</b>	<b>1.00</b>	<b>2.00</b>	<b>1.00</b>	<b>2.00</b>	<b>1.00</b>	<b>1.00</b>	<b>3.00</b>

**MPH105P Pharmaceutics- I (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	2	2	1	2	2	2	2	1	3
CO2	3	2	2	2	1	2	2	2	2	1	3
CO3	3	2	2	2	1	2	2	2	2	1	3
CO4	3	2	2	2	1	2	2	2	2	1	3
CO5	3	2	2	2	1	2	2	2	2	1	3
CO6	3	2	2	2	1	2	2	2	2	1	3
Average Course Outcome (Max 3.00) = <b>2.00</b>	<b>3.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>1.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>1.00</b>	<b>3.00</b>

**SEM-II**

**MPH201T Molecular Pharmaceutics (Nano Tech and Targeted DDS) (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	-	-	-	1	2	-	2	2	-	3
CO2	3	2	2	2	-	2	1	2	2	-	3
CO3	3	2	2	2	-	2	1	2	2	-	3
CO4	3	2	2	2	-	2	1	2	2	-	3
CO5	3	-	-	-	1	2	-	2	2	-	3
CO6	3	-	-	-	1	2	-	2	2	-	3
Average Course Outcome (Max 3.00) = <b>2.00</b>	<b>3.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>1.00</b>	<b>2.00</b>	<b>1.00</b>	<b>2.00</b>	<b>2.00</b>	<b>-</b>	<b>3.00</b>

**MPH202T Advanced Biopharmaceutics & Pharmacokinetics (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	-	1	-	-	2	-	2	2	-	3
CO2	3	-	1	-	-	2	-	2	2	-	3
CO3	3	-	1	-	-	2	-	2	2	-	3
CO4	3	-	1	-	-	2	-	2	2	-	3
CO5	3	-	1	-	-	2	-	2	2	-	3
CO6	3	-	1	-	-	2	-	2	2	-	3
Average Course Outcome (Max 3.00) = <b>2.17</b>	<b>3.00</b>	<b>-</b>	<b>1.00</b>	<b>-</b>	<b>-</b>	<b>2.00</b>	<b>-</b>	<b>2.00</b>	<b>2.00</b>	<b>-</b>	<b>3.00</b>

**MPH203T Computer Aided Drug Delivery System (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	1	2	2	1	2	-	2	2	2	3
CO2	3	1	2	2	1	2	-	2	2	2	3
CO3	3	1	2	2	1	2	-	2	2	2	3
CO4	3	1	2	2	1	2	-	2	2	2	3
CO5	3	1	2	2	1	2	-	2	2	2	3
CO6	3	1	2	2	1	2	-	2	2	2	3
Average Course Outcome (Max 3.00) = <b>2.00</b>	<b>3.00</b>	<b>1.00</b>	<b>2.00</b>	<b>2.00</b>	<b>1.00</b>	<b>2.00</b>	<b>-</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>3.00</b>

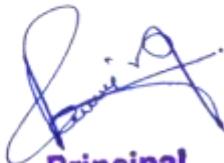
**MPH204T Cosmetic and Cosmeceuticals (Theory)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	-	2	-	1	2	-	2	2	-	3
CO2	3	-	2	-	1	2	-	2	2	-	3
CO3	3	-	2	-	1	2	-	2	2	-	3
CO4	3	-	2	2	1	2	-	2	2	-	3
CO5	3	-	2	2	1	2	-	2	2	-	3
CO6	3	-	2	-	1	2	-	2	2	-	3
Average Course Outcome (Max 3.00) = <b>2.12</b>	<b>3.00</b>	<b>-</b>	<b>2.00</b>	<b>2.00</b>	<b>1.00</b>	<b>2.00</b>	<b>-</b>	<b>2.00</b>	<b>2.00</b>	<b>-</b>	<b>3.00</b>

**MPH205P Pharmaceutics-II (Practical)**

<b>Codes</b>	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>
CO1	3	2	2	2	1	2	2	2	2	1	3
CO2	3	2	2	2	1	2	2	2	2	1	3
CO3	3	2	2	2	1	2	2	2	2	1	3
CO4	3	-	-	-	2	2	-	2	2	-	3
CO5	3	2	2	2	1	2	2	2	2	1	3
CO6	3	2	2	2	1	2	2	2	2	1	3
Average Course Outcome (Max 3.00) = <b>2.01</b>	<b>3.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>1.17</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>1.00</b>	<b>3.00</b>



  
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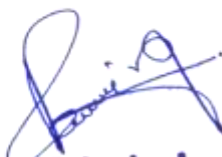
### 3. Attainment of Course Outcomes Academic Year 2021-22

#### B. PHARMACY

##### First Year B. Pharmacy (SEM-I)

Course Code	Name of Course	Attainment-ISE / SE		Attainment-ESE		Total Attainment on scale 3 (Sum of columns 2, 4)
		Actual 1	25% of Actual 2	Actual 3	75% of Actual 4	
BP101T	Human Anatomy and Physiology I– Theory	3	0.75	3	2.25	<b>3</b>
BP102T	Pharmaceutical Analysis I – Theory	2.96	0.74	2.25	1.69	<b>2.43</b>
BP103T	Pharmaceutics- I - Theory	2.59	0.65	3	2.25	<b>2.90</b>
BP104T	Pharmaceutical Inorganic Chemistry – Theory	3	0.75	3	2.25	<b>3</b>
BP105T	Communication skills – Theory	2.96	0.74	3	2.25	<b>2.99</b>
BP106RT	Remedial Biology -Theory	3	0.75	3	2.25	<b>3</b>
BP106RMT	Remedial Mathematics – Theory	2.78	0.69	2	1.50	<b>2.19</b>
BP107P	Human Anatomy and Physiology- I – Practical	2.96	0.74	3	2.25	<b>2.99</b>
BP108P	Pharmaceutical Analysis I – Practical	3	0.75	3	2.25	<b>3</b>
BP109P	Pharmaceutics I – Practical	2.63	0.66	3	2.25	<b>2.91</b>
BP110P	Pharmaceutical Inorganic Chemistry – Practical	3	0.75	3	2.25	<b>3</b>
BP111P	Communication skills – Practical	3	0.75	3	2.25	<b>3</b>
BP112RBP	Remedial Biology – Practical	2.98	0.74	3	2.25	<b>2.99</b>



  
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**First Year B. Pharmacy (SEM-II)**

Course Code	Name of Course	Attainment-ISE / SE		Attainment-ESE		Total Attainment on scale 3 (Sum of columns 2, 4)
		Actual 1	25% of Actual 2	Actual 3	75% of Actual 4	
BP201T	Human Anatomy and Physiology II – Theory	2.53	0.63	3	2.25	<b>2.88</b>
BP202T	Pharmaceutical Organic Chemistry I – Theory	2.26	0.56	2.25	1.69	<b>2.25</b>
BP203T	Biochemistry – Theory	2.34	0.58	2.25	1.69	<b>2.27</b>
BP204T	Pathophysiology – Theory	3	0.75	3	2.25	<b>3</b>
BP205T	Computer Applications in Pharmacy – Theory	2.90	0.72	3	2.25	<b>2.98</b>
BP206T	Environmental sciences – Theory *	2.26	0.56	2.25	1.69	<b>2.25</b>
BP207P	Human Anatomy and Physiology II – Practical	2.97	0.74	3	2.25	<b>2.99</b>
BP208P	Pharmaceutical Organic Chemistry I – Practical	2.52	0.63	2.50	1.88	<b>2.50</b>
BP209P	Biochemistry – Practical	2.52	0.63	2.50	1.88	<b>2.50</b>
BP210P	Computer Applications in Pharmacy – Practical	2.82	0.70	3	2.25	<b>2.95</b>



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**Second Year B. Pharmacy (SEM-III)**

Course Code	Name of Course	Attainment-ISE / SE		Attainment-ESE		Total Attainment on scale 3 (Sum of columns 2, 4)
		Actual 1	25% of Actual 2	Actual 3	75% of Actual 4	
BP301T	Pharmaceutical Organic Chemistry II – Theory	2.07	0.52	2.25	1.69	<b>2.21</b>
BP302T	Physical Pharmaceutics I – Theory	2.84	0.71	2	1.50	<b>2.21</b>
BP303T	Pharmaceutical Microbiology – Theory	2.90	0.72	3	2.25	<b>2.98</b>
BP304T	Pharmaceutical Engineering – Theory	2.96	0.74	3	2.25	<b>2.99</b>
BP305P	Pharmaceutical Organic Chemistry II – Practical	2.63	0.66	2.50	1.88	<b>2.53</b>
BP306P	Physical Pharmaceutics I – Practical	2.67	0.66	3	2.25	<b>2.91</b>
BP307P	Pharmaceutical Microbiology – Practical	2.80	0.70	3	2.25	<b>2.95</b>
BP 308P	Pharmaceutical Engineering –Practical	2.64	0.66	2.50	1.88	<b>2.54</b>



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**Second Year B. Pharmacy (SEM-IV)**

Course Code	Name of Course	Attainment-ISE / SE		Attainment-ESE		Total Attainment on scale 3 (Sum of columns 2, 4)
		Actual 1	25% of Actual 2	Actual 3	75% of Actual 4	
BP401T	Pharmaceutical Organic Chemistry III– Theory	2.22	0.56	2.25	1.69	<b>2.24</b>
BP402T	Medicinal Chemistry I – Theory	2.49	0.62	2	1.50	<b>2.12</b>
BP403T	Physical Pharmaceutics II – Theory	3	0.75	3	2.25	<b>3</b>
BP404T	Pharmacology I – Theory	2.22	0.56	2	1.50	<b>2.06</b>
BP405T	Pharmacognosy and Phytochemistry I– Theory	2.75	0.68	2	1.5	<b>2.18</b>
BP406P	Medicinal Chemistry I – Practical	2.50	0.63	2.67	2	<b>2.63</b>
BP407P	Physical Pharmaceutics II – Practical	2.64	0.66	3	2.25	<b>2.91</b>
BP408P	Pharmacology I – Practical	2.34	0.58	3	2.25	<b>2.83</b>
BP409P	Pharmacognosy and Phytochemistry I – Practical	2.69	0.67	3	2.25	<b>2.92</b>


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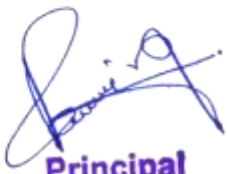
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**Third Year B. Pharmacy (SEM-V)**

Course Code	Name of Course	Attainment-ISE / SE		Attainment-ESE		Total Attainment on scale 3 (Sum of columns 2, 4)
		Actual 1	25% of Actual 2	Actual 3	75% of Actual 4	
BP501T	Medicinal Chemistry II – Theory	2.87	0.72	3	2.25	<b>2.97</b>
BP502T	Industrial Pharmacy -I– Theory	2.26	0.56	2.25	1.69	<b>2.25</b>
BP503T	Pharmacology II – Theory	2.99	0.75	3	2.25	<b>3</b>
BP504T	Pharmacognosy and Phytochemistry II– Theory	2.83	0.70	3	2.25	<b>2.95</b>
BP505T	Pharmaceutical Jurisprudence – Theory	3	0.75	3	2.25	<b>3</b>
BP506P	Industrial Pharmacy -I – Practical	1.73	0.43	2.50	1.88	<b>2.31</b>
BP507P	Pharmacology II – Practical	3	0.75	3	2.25	<b>3</b>
BP508P	Pharmacognosy and Phytochemistry II – Practical	2.69	0.67	3	2.25	<b>2.92</b>



  
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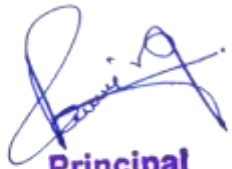
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**Third Year B. Pharmacy (SEM-VI)**

Course Code	Name of Course	Attainment-ISE / SE		Attainment-ESE		Total Attainment on scale 3 (Sum of columns 2, 4)
		Actual 1	25% of Actual 2	Actual 3	75% of Actual 4	
BP601T	Medicinal Chemistry III – Theory	3	0.75	3	2.25	<b>3</b>
BP602T	Pharmacology III – Theory	2.39	0.59	3	2.25	<b>2.84</b>
BP603T	Herbal Drug Technology – Theory	3	0.75	3	2.25	<b>3</b>
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	2.22	0.56	2.25	1.69	<b>2.24</b>
BP605T	Pharmaceutical Biotechnology – Theory	2.26	0.56	3	2.25	<b>2.81</b>
BP606T	Quality Assurance –Theory	3	0.75	2.25	1.69	<b>2.44</b>
BP607P	Medicinal chemistry- III – Practical	2.82	0.70	3	2.25	<b>2.95</b>
BP608P	Pharmacology -III – Practical	2.5	0.62	3	2.25	<b>2.87</b>
BP609P	Herbal Drug Technology – Practical	3	0.75	3	2.25	<b>3</b>



  
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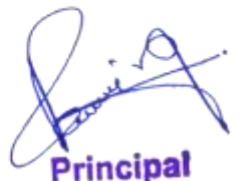
### Final Year B. Pharmacy (SEM-VII)

Course Code	Name of Course	Attainment-ISE / SE		Attainment-ESE		Total Attainment on scale 3 (Sum of columns 2, 4)
		Actual 1	25% of Actual 2	Actual 3	75% of Actual 4	
BP701T	Instrumental Methods of Analysis – Theory	2.28	0.57	2.25	1.69	<b>2.26</b>
BP702T	Industrial Pharmacy-II – Theory	3	0.75	3	2.25	<b>3</b>
BP703T	Pharmacy Practice – Theory	2.22	0.56	2.25	1.69	<b>2.24</b>
BP704T	Novel Drug Delivery System – Theory	2.25	0.56	2.25	1.69	<b>2.25</b>
BP705P	Instrumental Methods of Analysis – Practical	2.52	0.63	2.50	1.88	<b>2.50</b>

### Final Year B. Pharmacy (SEM-VIII)

Course Code	Name of Course	Attainment-ISE / SE		Attainment-ESE		Total Attainment on scale 3 (Sum of columns 2, 4)
		Actual 1	25% of Actual 2	Actual 3	75% of Actual 4	
BP801T	Biostatistics and Research Methodology- Theory	2.26	0.56	3	2.25	<b>2.81</b>
BP802T	Social and Preventive Pharmacy-Theory	3	0.75	3	2.25	<b>3</b>
BP809ET	Cosmetic Science- Theory	3.00	0.75	3	2.25	<b>3</b>
BP811ET	Advanced Instrumentation Techniques	2.26	0.56	2.25	1.69	<b>2.25</b>



  
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**Attainment of Course Outcomes Academic Year 2021-22**

**M. Pharmacy (Pharmaceutics)**


**First Year M. Pharmacy (SEM-I)**

Course Code	Name of Course	Attainment-ISE / SE		Attainment-ESE		Total Attainment on scale 3 (Sum of columns 2, 4)
		Actual 1	25% of Actual 2	Actual 3	75% of Actual 4	
MPH101T	Modern Pharmaceutical Analytical Techniques -Theory	3.00	0.75	3.00	2.25	<b>3.00</b>
MPH102T	Drug Delivery System - Theory	3.00	0.75	3.00	2.25	<b>3.00</b>
MPH103T	Modern Pharmaceutics - Theory	3.00	0.75	3.00	2.25	<b>3.00</b>
MPH104T	Regulatory Affair- Theory	3.00	0.75	3.00	2.25	<b>3.00</b>
MPH105P	Pharmaceutics – I (Practical)	3.00	0.75	3.00	2.25	<b>3.00</b>

**First Year M. Pharmacy (SEM-II)**

Course Code	Name of Course	Attainment-ISE / SE		Attainment-ESE		Total Attainment on scale 3 (Sum of columns 2, 4)
		Actual 1	25% of Actual 2	Actual 3	75% of Actual 4	
MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	3.00	0.75	3.00	2.25	<b>3.00</b>
MPH202T	Advanced Biopharmaceutics & Pharmacokinetic	3.00	0.75	3.00	2.25	<b>3.00</b>
MPH203T	Computer Aided Drug Delivery System	3.00	0.75	3.00	2.25	<b>3.00</b>
MPH204T	Cosmetic and Cosmeceuticals	3.00	0.75	3.00	2.25	<b>3.00</b>
MPH205P	Pharmaceutics- II (Practical)	3.00	0.75	3.00	2.25	<b>3.00</b>



  
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**4. Attainment of Program Outcomes****B. PHARMACY****First Year B. Pharmacy (SEM-I)**

Course code	Name of the Course	Program Outcomes											Average programme outcomes (max 3.00)
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	
BP101T	Human Anatomy and Physiology I–Theory	3	2.4	2.8	2.2	1.8	2	1.2	2	2	1	2	<b>2.04</b>
BP102T	Pharmaceutical Analysis I – Theory	2.83	2.83	2.5	2.17	1.67	2.33	2	2	1.67	2	2.33	<b>2.21</b>
BP103T	Pharmaceutics- I Theory	3	1.5	1.83	2	1	1.67	2	1.83	1.67	1.5	3	<b>1.91</b>
BP104T	Pharmaceutical Inorganic Chemistry – Theory	2	2.33	2	2	2	2.17	2	2.17	2	2.33	1.83	<b>2.08</b>
BP105T	Communication skills – Theory	1.67	1.33	1.5	1.83	2.33	1.67	1	2.5	1.83	1	2.67	<b>1.76</b>
BP106RT	Remedial Biology - Theory	2.67	2.67	1.5	1.5	-	1.5	1.2	1.67	1.4	1	2	<b>1.71</b>
BP106RMT	Remedial Mathematics – Theory	3	2.17	1.83	2	2	2.17	2	1.87	2	2	2.17	<b>2.11</b>
BP107P	Human Anatomy and Physiology- I – Practical	3	1.8	2.4	2.4	1.8	2.8	1.6	2	2.2	1.4	3	<b>2.22</b>
BP108P	Pharmaceutical Analysis I – Practical	3	2	2	1.17	1	2	1	1	1	2	2	<b>1.65</b>
BP109P	Pharmaceutics I – Practical	3	1.83	1.83	2	1	2	2	1.83	1.67	1.5	3	<b>1.97</b>
BP110P	Pharmaceutical Inorganic Chemistry – Practical	2.83	2.5	2.17	2.17	2.17	1.83	2	2	2	1.83	2	<b>2.14</b>
BP111P	Communication skills – Practical	1.33	1.5	1.17	1.33	1.5	2	1.17	2.17	2	2.5	2.5	<b>1.74</b>
BP112RBP	Remedial Biology – Practical	3	1.8	2.2	2.8	1.4	2.4	1.75	1.5	2.6	1.5	2.8	<b>2.16</b>



*(Signature)*  
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**First Year B. Pharmacy (SEM-II)**

Course code	Name of the Course	Program Outcomes											Average programme outcomes (max 3.00)
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	
BP201T	Human Anatomy and Physiology II – Theory	3	2	2	1.6	1.8	3	1.4	1.6	2	1	3	<b>2.04</b>
BP202T	Pharmaceutical Organic Chemistry I – Theory	3	2	1.80	2.40	1	2	1	1.20	2	2	2.80	<b>1.93</b>
BP203T	Biochemistry – Theory	1.83	2.00	2.17	2.17	2.17	2.17	1.67	2.00	1.83	2.00	1.83	<b>1.98</b>
BP204T	Pathophysiology – Theory	3	2.40	3	2	2	3	2	2	2.60	1.60	3	<b>2.42</b>
BP205T	Computer Applications in Pharmacy – Theory	3	1.83	2.17	2.33	1	2	2	1.67	2	1.17	3	<b>2.02</b>
BP206T	Environmental sciences – Theory *	3	1	1	1	1	1	2	1	1	2	2	<b>1.45</b>
BP207P	Human Anatomy and Physiology II – Practical	2.33	1.33	1.67	1.67	1.33	2.5	2.17	2.17	2.5	2.5	2.67	<b>2.08</b>
BP208P	Pharmaceutical Organic Chemistry I – Practical	3	2.17	2	1.67	1.67	2	1.67	1	2	1.17	2	<b>1.85</b>
BP209P	Biochemistry – Practical	2.00	2.00	2.00	2.00	2.17	2.00	1.83	2.17	2.00	2.00	1.83	<b>2.00</b>
BP210P	Computer Applications in Pharmacy – Practical	3	1.33	2	2	1	1.67	2	1.83	1	1	3	<b>1.8</b>



  
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**Second Year B. Pharmacy (SEM-III)**

Course code	Name of the Course	Program Outcomes											Average programme outcomes (max 3.00)	
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>		
BP301T	Pharmaceutical Organic Chemistry II – Theory	3	2.00	2.00	2.00	2.00	1.00	2.00	2.00	2.00	2.00	2.00	2.00	<b>2.00</b>
BP302T	Physical Pharmaceutics I – Theory	3	3	2.33	2.33	2.33	2.50	2.33	2.17	2.17	2.33	3.00	<b>2.50</b>	
BP303T	Pharmaceutical Microbiology – Theory	3	2.17	1	1.17	1	2	1	2	1.83	3	3	<b>1.92</b>	
BP304T	Pharmaceutical Engineering – Theory	2.33	1.33	2	1.8	1.2	1	1	2	2	1.17	1.67	<b>1.59</b>	
BP305P	Pharmaceutical Organic Chemistry II – Practical	2.67	2.00	2.17	2.33	1.67	2.00	1.50	2.00	2.00	1.33	2.00	<b>1.97</b>	
BP306P	Physical Pharmaceutics I – Practical	3	1.67	2.00	1.67	2.00	2.00	1.83	2.00	2.00	2.33	3.00	<b>2.14</b>	
BP307P	Pharmaceutical Microbiology – Practical	3	1.83	1.17	1.83	1	1.67	2.17	2	1.83	2	3	<b>1.95</b>	
BP 308P	Pharmaceutical Engineering –Practical	2.5	2.5	2.4	1.83	1	1	1.33	1	1	1	1	<b>1.51</b>	



  
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**Second Year B. Pharmacy (Sem-IV)**

Course code	Name of the Course	Program Outcomes											Average programme outcomes (max 3.00)	
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>		
BP401T	Pharmaceutical Organic Chemistry III– Theory	3	2	1.83	1.83	1.67	2	2	2	2	2	2	2	<b>2.03</b>
BP402T	Medicinal Chemistry I – Theory	3	1.33	1.67	1.00	1.67	1.50	1.67	1.50	1.80	1.67	3.00	3.00	<b>1.80</b>
BP403T	Physical Pharmaceutics II – Theory	2.33	1.83	2.17	1.67	1.83	2.17	1.5	2.17	1.67	1.67	2.83	2.83	<b>1.98</b>
BP404T	Pharmacology I – Theory	2.5	2.17	2.17	1.67	2	2	1.83	1.8	1.8	2	1.8	1.8	<b>1.98</b>
BP405T	Pharmacognosy and Phytochemistry I– Theory	3	1.33	1.33	1.67	1	2.17	1.17	1	1.67	1.5	3	3	<b>1.71</b>
BP406P	Medicinal Chemistry I – Practical	2.83	1.33	1.67	1.60	1.83	1.83	1.83	1.67	1.50	1.33	2.67	2.67	<b>1.83</b>
BP407P	Physical Pharmaceutics II – Practical	3.00	1.83	1.83	2.00	1.83	1.83	2.00	1.83	1.17	1.00	3.00	3.00	<b>1.94</b>
BP408P	Pharmacology I – Practical	3	1.3	2	2	1	1	1	2	1	1.17	2	2	<b>1.59</b>
BP409P	Pharmacognosy and Phytochemistry I – Practical	3	1	1	1	1	1.5	1	1	1.17	1	3	3	<b>1.42</b>



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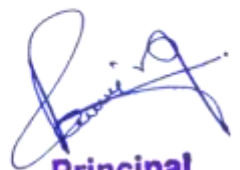
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**Third Year B. Pharmacy (Sem-V)**

Course code	Name of the Course	Program Outcomes											Average programme outcomes (max 3.00)
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	
BP501T	Medicinal Chemistry II – Theory	3	3	2	2	1	2	1	2	2	2	2	<b>2.00</b>
BP502T	Industrial Pharmacy -I– Theory	2.00	2.00	2.00	2.00	2.00	2.00	2.00	1.50	2.00	2.00	2.00	<b>1.95</b>
BP503T	Pharmacology II – Theory	3	1	1.67	1.5	1.67	2	1	2	1.8	1	2.8	<b>1.77</b>
BP504T	Pharmacognosy and Phytochemistry II– Theory	2.83	1	1.33	2	1	1.33	1	1	2.17	1.83	2.83	<b>1.67</b>
BP505T	Pharmaceutical Jurisprudence – Theory	3	1.8	1.5	0	0	2	1.33	1.25	1.67	1.5	1.67	<b>1.42</b>
BP506P	Industrial Pharmacy -I – Practical	2.83	1.00	1.50	2.50	1.00	2.17	2.00	1.00	2.33	1.00	3.00	<b>1.85</b>
BP507P	Pharmacology II – Practical	3.00	1.50	2.00	1.83	1.83	1.17	1.17	2	1.67	1.00	2.00	<b>1.74</b>
BP508P	Pharmacognosy and Phytochemistry II – Practical	3	1	1	2.67	1	1.83	1	1	1.83	1.5	3	<b>1.71</b>



  
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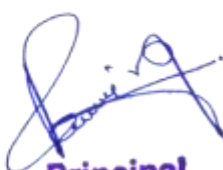
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**Third Year B. Pharmacy (Sem-VI)**

Course code	Name of the Course	Program Outcomes											Average programme outcomes (max 3.00)
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	
BP601T	Medicinal Chemistry III – Theory	3	2	2	2	1	2	1	2	1.67	2	3	<b>1.97</b>
BP602T	Pharmacology III – Theory	3	2	1.66	1.16	1.33	2	1.8	1	1.8	1.5	2.5	<b>1.80</b>
BP603T	Herbal Drug Technology – Theory	3	1.16	1.18	1.56	1	2.16	1.17	1	1.67	1.5	3	<b>1.67</b>
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	3.00	2.50	2.00	2.00	1.67	1.50	1.33	1.17	1.17	1.83	2.00	<b>1.83</b>
BP605T	Pharmaceutical Biotechnology – Theory	2.83	2.33	2.5	2.5	1.33	1.5	1.83	1.17	1.83	2.17	2.67	<b>2.06</b>
BP606T	Quality Assurance – Theory	2.33	1.5	1.67	1.5	2.17	2	2.17	2	1.83	1.83	2	<b>1.91</b>
BP607P	Medicinal chemistry- III – Practical	3	2.7	2	2.17	1	2	1	2	1.3	2.17	2	<b>1.94</b>
BP608P	Pharmacology -III – Practical	3	2.5	2.33	3	2	3	1.83	1.5	1.83	2.16	2.5	<b>2.33</b>
BP609P	Herbal Drug Technology – Practical	3.00	2.50	2.33	2.50	2.33	2.17	1.17	1.00	1.67	1.50	3.00	<b>2.11</b>



  
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**Final Year B. Pharmacy (Sem-VII)**

Course code	Name of the Course	Program Outcomes											Average programme outcomes (max 3.00)
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	
BP701T	Instrumental Methods of Analysis – Theory	3	1.67	1.67	1.5	1.83	1.5	1.5	1.67	1.5	1.17	3	<b>1.82</b>
BP702T	Industrial Pharmacy-II – Theory	3.00	2.80	3.00	2.60	1.20	2.40	2.80	2.20	3.00	2.20	3.00	<b>2.56</b>
BP703T	Pharmacy Practice – Theory	3.00	2.33	2.50	2.17	1.40	2.67	2.67	2.83	2.33	2.17	2.67	<b>2.43</b>
BP704T	Novel Drug Delivery System – Theory	3	2.33	2.67	3	1.67	2	2.17	1.5	1.5	1.67	2.17	<b>2.15</b>
BP705P	Instrumental Methods of Analysis – Practical	2.83	2.83	2.83	2.17	2.17	2.5	2.17	2.67	2.17	2.83	2.83	<b>2.55</b>

**Final Year B. Pharmacy (Sem-VIII)**

Course code	Name of the Course	Program Outcomes											Average programme outcomes (max 3.00)
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	
BP801T	Biostatistics and Research Methodology-Theory	2	1.8	2	2	1.25	1	1	1.67	1	1	1.67	<b>1.49</b>
BP802T	Social and Preventive Pharmacy-Theory	3	1	2	1	2.33	3	1	2	3	2	3	<b>2.12</b>
BP809ET	Cosmetic Science-Theory	3	1.17	1.83	1.5	1	2	1.33	2	1.7	1	3	<b>1.78</b>
BP811ET	Advanced Instrumentation Techniques	3	2	2	2.33	2	2	2	2	2	2	2	<b>2.12</b>



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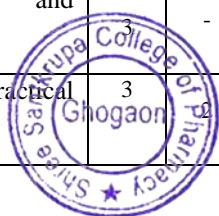
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**Attainment of Program Outcomes****M. Pharmacy****First Year M. Pharmacy (SEM-I)**

Course code	Name of the Course	Program Outcomes											Average programme outcomes (max 3.00)
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	
MPH101T	Modern Pharmaceutical Analytical Techniques	3	2	2	2.5	1.5	2	-	2	1	-	3	2.11
MPH102T	Drug Delivery System-Theory	3	-	2	-	-	2	-	2	2	-	3	2.33
MPH103T	Modern Pharmaceutics-Theory	3	2	2	2	1	2	1	2	2	-	3	2
MPH104T	Regulatory Affair-Theory	3	1	2	2	1	2	1	2	1	1	3	1.73
MPH105P	Pharmaceutics Practical I	3	2	2	2	1	2	2	2	2	1	3	2

**First Year M.Pharmacy (SEM-II)**

Course code	Name of the Course	Program Outcomes											Average programme outcomes (max 3.00)
		<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	
MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	3	2	2	2	1	2	1	2	2	-	3	2
MPH202T	Advanced Biopharmaceutics & Pharmacokinetic	3	-	1	-	-	2	-	2	2	-	3	2.17
MPH203T	Computer Aided Drug Delivery System	3	1	2	2	1	2	-	2	2	2	3	2
MPH204T	Cosmetic and Cosmeceuticals	3	-	2	2	1	2	-	2	2	-	3	2.12
MPH205P	Pharmaceutics Practical II	3	-	2	2	1.17	2	2	2	2	1	3	2.01



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