



**Semester - 1**

|                    |        |                                                |              |    |           |           |            |          |            |          | Total Marks |            |
|--------------------|--------|------------------------------------------------|--------------|----|-----------|-----------|------------|----------|------------|----------|-------------|------------|
| Sr                 | Code   | Subject                                        | Credit       |    |           |           | Max.       | Passing  | Max.       | Passing  | Max.        | Passing    |
| 1                  |        | Biology Group (Compulsory Subjects :2)         | 2.00         | Th | 2         | -         | 35         | -        | 15         | -        | 50          | -          |
|                    |        |                                                |              | Pr | -         | 2         | 15         | -        | 10         | -        | 25          | -          |
|                    |        | Maths Group (Compulsory Subjects :1)           | 2.00         | Th | 2         | -         | 35         | -        | 15         | -        | 50          | -          |
| 2                  | BP101T | Human Anatomy and Physiology I– Theory         | 4.00         | Th | 3         | -         | 75         | 0        | 25         | 0        | 100         | 50         |
| 3                  | BP102T | Pharmaceutical Analysis I – Theory             | 4.00         | Th | 3         | -         | 75         | 0        | 25         | 0        | 100         | 50         |
| 4                  | BP103T | Pharmaceutics I-Theory                         | 4.00         | Th | 4         | -         | 75         | 0        | 25         | 0        | 100         | 50         |
| 5                  | BP104T | Pharmaceutical Inorganic Chemistry – Theory    | 4.00         | Th | 3         | -         | 75         | 0        | 25         | 0        | 100         | 50         |
| 6                  | BP105T | Communication Skills-Theory*                   | 2.00         | Th | 2         | -         | 35         | 0        | 15         | 0        | 50          | 25         |
| 7                  | BP107P | Human Anatomy and Physiology – Practical       | 2.00         | Pr | -         | 4         | 35         | 0        | 15         | 0        | 50          | 25         |
| 8                  | BP108P | Pharmaceutical Analysis I – Practical          | 2.00         | Pr | -         | 4         | 35         | 0        | 15         | 0        | 50          | 25         |
| 9                  | BP109P | Pharmaceutics I-Practical                      | 2.00         | Pr | -         | 4         | 35         | 0        | 15         | 0        | 50          | 25         |
| 10                 | BP110P | Pharmaceutical Inorganic Chemistry – Practical | 2.00         | Pr | -         | 4         | 35         | 0        | 15         | 0        | 50          | 25         |
| 11                 | BP111P | Communication Skills-Practical*                | 1.00         | Pr | -         | 2         | 15         | 0        | 10         | 0        | 25          | 12         |
| <b>Grand Total</b> |        |                                                | <b>32.00</b> |    | <b>19</b> | <b>20</b> | <b>575</b> | <b>0</b> | <b>225</b> | <b>0</b> | <b>800</b>  | <b>337</b> |

**Semester - 1 Biology Group**

|    |          |                              |        |    |         |     | External Marks |         | Internal Marks |         | Total Marks |         |
|----|----------|------------------------------|--------|----|---------|-----|----------------|---------|----------------|---------|-------------|---------|
| Sr | Code     | Subject                      | Credit |    | Lecture | Lab | Max.           | Passing | Max.           | Passing | Max.        | Passing |
| 1  | BP106RBT | Remedial Biology- Theory*    | 2.00   | Th | 2       | -   | 35             | 0       | 15             | 0       | 50          | 25      |
| 2  | BP112RBP | Remedial Biology -Practical* | 1.00   | Pr | -       | 2   | 15             | 0       | 10             | 0       | 25          | 12      |



**Semester - 1 Maths Group**

|    |          |                               |        |    |         |     | External Marks |         | Internal Marks |         | Total Marks |         |
|----|----------|-------------------------------|--------|----|---------|-----|----------------|---------|----------------|---------|-------------|---------|
| Sr | Code     | Subject                       | Credit |    | Lecture | Lab | Max.           | Passing | Max.           | Passing | Max.        | Passing |
| 1  | BP106RMT | Remedial Mathematics -Theory* | 2.00   | Th | 2       | -   | 35             | 0       | 15             | 0       | 50          | 25      |



**Semester - 2**

|                    |        |                                                |        |    |           |           | External Marks |          | Internal Marks |          | Total Marks |            |
|--------------------|--------|------------------------------------------------|--------|----|-----------|-----------|----------------|----------|----------------|----------|-------------|------------|
| Sr                 | Code   | Subject                                        | Credit |    | Lecture   | Lab       | Max.           | Passing  | Max.           | Passing  | Max.        | Passing    |
| 1                  | BP201T | Human Anatomy and Physiology II - Theory       | 4.00   | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 2                  | BP202T | Pharmaceutical Organic Chemistry I - Theory    | 4.00   | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 3                  | BP203T | Biochemistry - Theory                          | 4.00   | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 4                  | BP204T | Pathophysiology - Theory                       | 4.00   | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 5                  | BP205T | Computer Applications in Pharmacy - Theory*    | 3.00   | Th | 3         | -         | 50             | 0        | 25             | 0        | 75          | 37         |
| 6                  | BP206T | Environmental Sciences - Theory*               | 3.00   | Th | 3         | -         | 50             | 0        | 25             | 0        | 75          | 37         |
| 7                  | BP207P | Human Anatomy and Physiology II - Practical    | 2.00   | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| 8                  | BP208P | Pharmaceutical Organic Chemistry I - Practical | 2.00   | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| 9                  | BP209P | Biochemistry - Practical                       | 2.00   | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| 10                 | BP210P | Computer Applications in Pharmacy - Practical* | 1.00   | Pr | -         | 2         | 15             | 0        | 10             | 0        | 25          | 12         |
| <b>Grand Total</b> |        |                                                | 29.00  |    | <b>18</b> | <b>14</b> | <b>520</b>     | <b>0</b> | <b>205</b>     | <b>0</b> | <b>725</b>  | <b>361</b> |

**Lect** - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical  
**Theory Passing % : 50 Practical Passing % : 50**



**Semester - 3**

|                    |        |                                                 |        |    |           |           | External Marks |          | Internal Marks |          | Total Marks |            |
|--------------------|--------|-------------------------------------------------|--------|----|-----------|-----------|----------------|----------|----------------|----------|-------------|------------|
| Sr                 | Code   | Subject                                         | Credit |    | Lecture   | Lab       | Max.           | Passing  | Max.           | Passing  | Max.        | Passing    |
| 1                  | BP301T | Pharmaceutical Organic Chemistry II – Theory    | 4.00   | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 2                  | BP302T | Physical Pharmaceutics I – Theory               | 4.00   | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 3                  | BP303T | Pharmaceutical Microbiology – Theory            | 4.00   | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 4                  | BP304T | Pharmaceutical Engineering – Theory             | 4.00   | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 5                  | BP305P | Pharmaceutical Organic Chemistry II – Practical | 2.00   | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| 6                  | BP306P | Physical Pharmaceutics I – Practical            | 2.00   | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| 7                  | BP307P | Pharmaceutical Microbiology – Practical         | 2.00   | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| 8                  | BP308P | Pharmaceutical Engineering –Practical           | 2.00   | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| <b>Grand Total</b> |        |                                                 | 24.00  |    | <b>12</b> | <b>16</b> | <b>440</b>     | <b>0</b> | <b>160</b>     | <b>0</b> | <b>600</b>  | <b>300</b> |

**Lect** - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical  
**Theory Passing % : 50 Practical Passing % : 50**



**Semester - 4**

|                    |        |                                                |              |    |           |           | External Marks |          | Internal Marks |          | Total Marks |            |
|--------------------|--------|------------------------------------------------|--------------|----|-----------|-----------|----------------|----------|----------------|----------|-------------|------------|
| Sr                 | Code   | Subject                                        | Credit       |    | Lecture   | Lab       | Max.           | Passing  | Max.           | Passing  | Max.        | Passing    |
| 1                  | BP401T | Pharmaceutical Organic Chemistry III– Theory   | 4.00         | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 2                  | BP402T | Medicinal Chemistry I – Theory                 | 4.00         | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 3                  | BP403T | Physical Pharmaceutics II – Theory             | 4.00         | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 4                  | BP404T | Pharmacology I – Theory                        | 4.00         | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 5                  | BP405T | Pharmacognosy and Phytochemistry I– Theory     | 4.00         | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 6                  | BP406P | Medicinal Chemistry I – Practical              | 2.00         | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| 7                  | BP407P | Physical Pharmaceutics II – Practical          | 2.00         | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| 8                  | BP408P | Pharmacology I – Practical                     | 2.00         | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| 9                  | BP409P | Pharmacognosy and Phytochemistry I – Practical | 2.00         | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| <b>Grand Total</b> |        |                                                | <b>28.00</b> |    | <b>15</b> | <b>16</b> | <b>515</b>     | <b>0</b> | <b>185</b>     | <b>0</b> | <b>700</b>  | <b>350</b> |

**Lect** - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical  
**Theory Passing % : 50 Practical Passing % : 50**



**Semester - 5**

|                    |        |                                                 |        |    |           |           | External Marks |          | Internal Marks |          | Total Marks |            |
|--------------------|--------|-------------------------------------------------|--------|----|-----------|-----------|----------------|----------|----------------|----------|-------------|------------|
| Sr                 | Code   | Subject                                         | Credit |    | Lecture   | Lab       | Max.           | Passing  | Max.           | Passing  | Max.        | Passing    |
| 1                  | BP501T | Medicinal Chemistry II – Theory                 | 4.00   | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 2                  | BP502T | Industrial Pharmacy-I– Theory                   | 4.00   | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 3                  | BP503T | Pharmacology II – Theory                        | 4.00   | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 4                  | BP504T | Pharmacognosy and Phytochemistry II– Theory     | 4.00   | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 5                  | BP505T | Pharmaceutical Jurisprudence – Theory           | 4.00   | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 6                  | BP506P | Industrial Pharmacy-I – Practical               | 2.00   | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| 7                  | BP507P | Pharmacology II – Practical                     | 2.00   | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| 8                  | BP508P | Pharmacognosy and Phytochemistry II – Practical | 2.00   | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| <b>Grand Total</b> |        |                                                 | 26.00  |    | <b>15</b> | <b>12</b> | <b>480</b>     | <b>0</b> | <b>170</b>     | <b>0</b> | <b>650</b>  | <b>325</b> |

**Lect** - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical  
**Theory Passing % : 50 Practical Passing % : 50**



**Semester - 6**

|                    |        |                                                |              |    |           |           | External Marks |          | Internal Marks |          | Total Marks |            |
|--------------------|--------|------------------------------------------------|--------------|----|-----------|-----------|----------------|----------|----------------|----------|-------------|------------|
| Sr                 | Code   | Subject                                        | Credit       |    | Lecture   | Lab       | Max.           | Passing  | Max.           | Passing  | Max.        | Passing    |
| 1                  | BP601T | Medicinal Chemistry III – Theory               | 4.00         | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 2                  | BP602T | Pharmacology III – Theory                      | 4.00         | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 3                  | BP603T | Herbal Drug Technology – Theory                | 4.00         | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 4                  | BP604T | Biopharmaceutics and Pharmacokinetics – Theory | 4.00         | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 5                  | BP605T | Pharmaceutical Biotechnology – Theory          | 4.00         | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 6                  | BP606T | Quality Assurance –Theory                      | 4.00         | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 7                  | BP607P | Medicinal Chemistry III – Practical            | 2.00         | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| 8                  | BP608P | Pharmacology III – Practical                   | 2.00         | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| 9                  | BP609P | Herbal Drug Technology – Practical             | 2.00         | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| <b>Grand Total</b> |        |                                                | <b>30.00</b> |    | <b>18</b> | <b>12</b> | <b>555</b>     | <b>0</b> | <b>195</b>     | <b>0</b> | <b>750</b>  | <b>375</b> |

**Lect** - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical  
**Theory Passing % : 50 Practical Passing % : 50**



**Semester - 7**

|                    |         |                                              |        |    |           |           | External Marks |          | Internal Marks |          | Total Marks |            |
|--------------------|---------|----------------------------------------------|--------|----|-----------|-----------|----------------|----------|----------------|----------|-------------|------------|
| Sr                 | Code    | Subject                                      | Credit |    | Lecture   | Lab       | Max.           | Passing  | Max.           | Passing  | Max.        | Passing    |
| 1                  | BP701T  | Instrumental Methods of Analysis – Theory    | 4.00   | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 2                  | BP702T  | Industrial Pharmacy – Theory                 | 4.00   | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 3                  | BP703T  | Pharmacy Practice – Theory                   | 4.00   | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 4                  | BP704T  | Novel Drug Delivery System – Theory          | 4.00   | Th | 3         | -         | 75             | 0        | 25             | 0        | 100         | 50         |
| 5                  | BP705P  | Instrumental Methods of Analysis – Practical | 2.00   | Pr | -         | 4         | 35             | 0        | 15             | 0        | 50          | 25         |
| 6                  | BP706PS | Practice School*                             | 6.00   | Pr | -         | 12        | 125            | 0        | 25             | 0        | 150         | 75         |
| <b>Grand Total</b> |         |                                              | 24.00  |    | <b>12</b> | <b>16</b> | <b>460</b>     | <b>0</b> | <b>140</b>     | <b>0</b> | <b>600</b>  | <b>300</b> |

**Lect** - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical  
**Theory Passing % : 50 Practical Passing % : 50**



**Semester - 8**

|                    |         |                                                      |        |    |           |           |            |          |            |          | Total Marks |            |
|--------------------|---------|------------------------------------------------------|--------|----|-----------|-----------|------------|----------|------------|----------|-------------|------------|
| Sr                 | Code    | Subject                                              | Credit |    |           |           | Max.       | Passing  | Max.       | Passing  | Max.        | Passing    |
| 1                  |         | Elective 8th B.Pharm - 2020 (Compulsory Subjects :2) | 4.00   | Th | 3         | -         | 75         | -        | 25         | -        | 100         | -          |
|                    |         |                                                      |        | Th | 3         | -         | 75         | -        | 25         | -        | 100         | -          |
|                    |         |                                                      |        | Th | 3         | 0         | 75         | -        | 25         | -        | 100         | -          |
| 2                  | BP801T  | Biostatistics and Research Methodology               | 4.00   | Th | 3         | -         | 75         | 0        | 25         | 0        | 100         | 50         |
| 3                  | BP802T  | Social and Preventive Pharmacy                       | 4.00   | Th | 3         | -         | 75         | 0        | 25         | 0        | 100         | 50         |
| 4                  | BP814PW | Project Work                                         | 6.00   | Pr | -         | 12        | 150        | 0        | -          | -        | 150         | 75         |
| <b>Grand Total</b> |         |                                                      | 26.00  |    | <b>15</b> | <b>12</b> | <b>525</b> | <b>0</b> | <b>125</b> | <b>0</b> | <b>650</b>  | <b>175</b> |

**Semester - 8 Elective 8th B.Pharm - 2020**

|    |         |                                                 |        |    |         |     | External Marks |         | Internal Marks |         | Total Marks |         |
|----|---------|-------------------------------------------------|--------|----|---------|-----|----------------|---------|----------------|---------|-------------|---------|
| Sr | Code    | Subject                                         | Credit |    | Lecture | Lab | Max.           | Passing | Max.           | Passing | Max.        | Passing |
| 1  | BP803ET | Pharmaceutical Marketing                        | 4.00   | Th | 3       | -   | 75             | 0       | 25             | 0       | 100         | 50      |
| 2  | BP804ET | Pharmaceutical Regulatory Science               | 4.00   | Th | 3       | -   | 75             | 0       | 25             | 0       | 100         | 50      |
| 3  | BP805ET | Pharmacovigilance                               | 4.00   | Th | 3       | -   | 75             | 0       | 25             | 0       | 100         | 50      |
| 4  | BP806ET | Quality Control and Standardizations of Herbals | 4.00   | Th | 3       | -   | 75             | 0       | 25             | 0       | 100         | 50      |
| 5  | BP807ET | Computer Aided Drug Design                      | 4.00   | Th | 3       | -   | 75             | 0       | 25             | 0       | 100         | 50      |
| 6  | BP808ET | Cell and Molecular Biology                      | 4.00   | Th | 3       | -   | 75             | 0       | 25             | 0       | 100         | 50      |
| 7  | BP809ET | Cosmetic Science                                | 4.00   | Th | 3       | -   | 75             | 0       | 25             | 0       | 100         | 50      |
| 8  | BP810ET | Experimental Pharmacology                       | 4.00   | Th | 3       | -   | 75             | 0       | 25             | 0       | 100         | 50      |
| 9  | BP811ET | Advanced Instrumentation Techniques             | 4.00   | Th | 3       | -   | 75             | 0       | 25             | 0       | 100         | 50      |
| 10 | BP812ET | Dietary Supplements and Nutraceuticals          | 4.00   | Th | 3       | -   | 75             | 0       | 25             | 0       | 100         | 50      |



**Semester - 8 Elective 8th B.Pharm - 2020**

|    |         |                                    |        |    |         |     | External Marks |         | Internal Marks |         | Total Marks |         |
|----|---------|------------------------------------|--------|----|---------|-----|----------------|---------|----------------|---------|-------------|---------|
| Sr | Code    | Subject                            | Credit |    | Lecture | Lab | Max.           | Passing | Max.           | Passing | Max.        | Passing |
| 11 | BP813ET | Pharmaceutical Product Development | 4.00   | Th | 3       | -   | 75             | 0       | 25             | 0       | 100         | 50      |