

**THE NEW COLLEGE (AUTONOMOUS), CHENNAI-600 014**  
**SEMESTER WISE WORK DISTRIBUTION FOR UG SCIENCE**

With effect from Academic year 2017

Number of Hours per Course

| Sem                          | Language  | VBE      | English   | SS       | Allied    | Core      | Part IV       | Total Hours Per Week |
|------------------------------|-----------|----------|-----------|----------|-----------|-----------|---------------|----------------------|
| I                            | 5         | 1        | 4         | 2        | 9         | 6+2       | IC - 1        | 30                   |
| II                           | 5         | 1        | 4         | 2        | 9         | 6+2       | ES - 1        | 30                   |
| III                          | 6         | -        | 6         | -        | 9         | 6+2       | NME/AT/BT - 1 | 30                   |
| IV                           | 6         | -        | 6         | -        | 9         | 6+2       | NME/AT/BT - 1 | 30                   |
| V                            | -         | -        | -         | -        | -         | 24+6      | -             | 30                   |
| VI                           | -         | -        | -         | -        | -         | 18+12     | -             | 30                   |
| <b>No. of Teaching Hours</b> | <b>22</b> | <b>2</b> | <b>20</b> | <b>4</b> | <b>36</b> | <b>92</b> | <b>4</b>      | <b>180</b>           |

Credit Details Part Wise

| Part         | Subject     | Course | Credit | Total      |
|--------------|-------------|--------|--------|------------|
| I            | Language    | 4      | 3      | 12         |
| II           | English     | 4      | 3      | 12         |
| III          | Major T + P | 14     | 5      | 70         |
|              | Major P     | 4      | 3      | 12         |
|              | Allied      | 4      | 5      | 20         |
| IV           | SS          | 2      | 2      | 4          |
|              | VE          | 2      | 2      | 4          |
|              | IC          | 1      | 1      | 1          |
|              | ES          | 1      | 1      | 1          |
|              | NME         | 2      | 1      | 2          |
| V            | EA          |        |        | 2          |
| <b>Total</b> |             |        |        | <b>140</b> |

**T - Theory**

**P - Practical**

**Department of Plant Biology and Plant Biotechnology (UG)**

| Sem                | Subject Code                         | Part                                      | Title of the Paper                          | Hours Week               | Credits    | Theory/ Practical | Exam Hours | CIA         | External Marks | Total Marks |   |
|--------------------|--------------------------------------|---|---|--------------------------|------------|-------------------|------------|-------------|----------------|-------------|---|
| 1                  | 14BXF/14BAF/14BYF/<br>14BPF/14BNF101 | 1   | Language - I                                | 5                        | 3          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BMF101                             | 2   | English - I                                 | 4                        | 3          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BVM101                             | 3   | Algology & Algal Biotechnology              | 5                        | 5          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BZA101                             |   | Allied Zoology                              | 6                        | 4          | Theory            | 3          | 25          | 75             | 75          |   |
|                    | 14BVMP101                            |   | Major Practical – I                         | 3                        | 2          | Practical         | 3          | 25          | 75             | 50          |   |
|                    | -                                    |   |   | Allied Zoology Practical | 3          | -                 | Practical  | -           | -              | -           | - |
|                    | 17BIO101                             | 4   | Introduction to Computer and PC Software    | 1                        | 1          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 17BSO102                             |   | Soft Skills                                 | 2                        | 2          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 17BVO103                             |   | Value Education                             | 1                        | 2          | Theory            | 3          | 25          | 75             | 100         |   |
| <b>Total</b>       |                                      |   |   | <b>30</b>                | <b>22</b>  |                   |            | <b>200</b>  | <b>600</b>     | <b>725</b>  |   |
| 2                  | 14BXF/14BAF/14BYF/<br>14BPF/14BNF202 | 1   | Language - II                               | 5                        | 3          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BMF202                             | 2   | English - II                                | 4                        | 3          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BVM202                             | 3   | Mycology and Fungal Biotechnology           | 5                        | 5          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BZA202                             |   | Allied Zoology– II                          | 6                        | 4          | Theory            | 3          | 25          | 75             | 75          |   |
|                    | 14BVMP202                            |   | Major Practical – Practical II              | 3                        | 2          | Practical         | 3          | 25          | 75             | 50          |   |
|                    | 14BZAP201                            |   | Allied Zoology – Practical                  | 3                        | 2          | Practical         | 3          |             | 50             | 50          |   |
|                    | 17BEO204                             | 4   | Environmental Science                       | 1                        | 1          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 17BSO205                             |   | Soft Skills                                 | 2                        | 2          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 17BVO206                             |   | Value Education                             | 1                        | 2          | Theory            | 3          | 25          | 75             | 100         |   |
| <b>Total</b>       |                                      |   |   | <b>30</b>                | <b>24</b>  |                   |            | <b>200</b>  | <b>650</b>     | <b>775</b>  |   |
| 3                  | 14BXF/14BAF/14BYF/<br>14BPF/14BNF303 | 1   | Language - III                              | 6                        | 3          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BMF303                             | 2   | English - III                               | 6                        | 3          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BVM303                             | 3   | Microbes, Bryophytes, Pteridophytes &       | 5                        | 5          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BEA301/14BTA310                    |   | Allied Chemistry/ Statistical Methods and   | 6                        | 4          | Theory            | 3          | 25          | 75             | 75          |   |
|                    | 14BVMP303                            |   | Major Practical – III                       | 3                        | 2          | Practical         | 3          | 25          | 75             | 50          |   |
|                    | -                                    |   | Allied Chemistry / Statistical Methods      | 3                        | -          | -                 | -          | -           | -              | -           |   |
|                    | 14BVN301                             | 4   | Medicinal Botany                            | 1                        | 1          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BXA301                             |   | Advanced Tamil                              |                          |            |                   |            |             |                |             |   |
| 14BXB301           | Basic Tamil                          |   |   |                          |            |                   |            |             |                |             |   |
| <b>Total</b>       |                                      |   |   | <b>30</b>                | <b>18</b>  |                   |            | <b>150</b>  | <b>450</b>     | <b>525</b>  |   |
| 4                  | 14BXF/14BAF/14BYF/<br>14BPF/14BNF404 | 1   | Language - IV                               | 6                        | 3          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BMF404                             | 2   | English - IV                                | 6                        | 3          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BVM404                             | 3   | Plant Anatomy & Embryology of               | 5                        | 5          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BEA402                             |   | Allied Chemistry                            | 6                        | 4          | Theory            | 3          | 25          | 75             | 75          |   |
|                    | 14BTA415                             |   | Allied Statistical Methods and their        |                          |            |                   |            |             |                |             |   |
|                    | 14BVMP404                            |   | Major Practical – IV                        | 3                        | 2          | Theory            | 3          | 25          | 75             | 50          |   |
|                    | 14BEAP401                            |   | Allied Chemistry – Practical                | 3                        | 2          | Practical         | 3          |             | 50             | 50          |   |
|                    | 14BTAP401                            | Statistical Methods and their Application |   |                          |            |                   |            |             |                |             |   |
|                    | 14BVN402                             | 4   | Mushroom Cultivation                        | 1                        | 1          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BXA402                             |   | Advanced Tamil                              |                          |            |                   |            |             |                |             |   |
| 14BXB402           | Basic Tamil                          |   |   |                          |            |                   |            |             |                |             |   |
| <b>Total</b>       |                                      |   |   | <b>30</b>                | <b>20</b>  |                   |            | <b>150</b>  | <b>500</b>     | <b>575</b>  |   |
| 5                  | 14BVM505                             | 3   | Morphology & Taxonomy of Angiosperms        | 5                        | 5          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BVM506                             |   | Cytogenetics & Genetics Engineering         | 5                        | 5          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BVM507                             |   | Plant Ecology & Environmental Biotechnology | 5                        | 5          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BVM508                             |   | Plant Pathology                             | 5                        | 5          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BVM509                             |   | Herbal Medicine                             | 5                        | 5          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BVMP505                            |   | Major Practical – V                         | 5                        | 3          | Practical         | 3          | 25          | 75             | 100         |   |
| <b>Total</b>       |                                      |   |   | <b>30</b>                | <b>28</b>  |                   |            | <b>150</b>  | <b>450</b>     | <b>600</b>  |   |
| 6                  | 14BVM610                             | 3   | Plant Tissue Culture                        | 5                        | 5          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BVM611                             |   | Plant Physiology & Biochemistry             | 5                        | 5          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BVM612                             |   | Industrial Biotechnology                    | 5                        | 5          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BVM613                             |   | Plant Micro Technique                       | 5                        | 5          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BVM614                             |   | Horticulture                                | 5                        | 5          | Theory            | 3          | 25          | 75             | 100         |   |
|                    | 14BVMP606                            |   | Major Practical – VI                        | 5                        | 3          | Practical         | 3          | 25          | 75             | 100         |   |
|                    | 14BEA601                             | 5   | Extension Activity                          | -                        | 2          | Practical         | -          | -           | -              | -           |   |
| <b>Total</b>       |                                      |   |   | <b>30</b>                | <b>30</b>  |                   |            | <b>150</b>  | <b>450</b>     | <b>600</b>  |   |
| <b>Grand Total</b> |                                      |   |   | <b>180</b>               | <b>142</b> |                   |            | <b>1000</b> | <b>3100</b>    | <b>3800</b> |   |