

**Academic Plan for Semester – I (Hons), Dept. of PHYSIOLOGY, 2022-23**

| Semester | Time Frame  | PHY-Honours - Th & Pr / Module/ Assessments                            | Teachers              | Total no. of classes / Teacher / Month |
|----------|---|--|-----------------------|--|
| 1 (One)  | July  | Cellular Basis of Physiology: Cell Structure & Function                | AG                    | AG = (4 + 2) x 4 = 24                  |
|          |   | Cellular Basis of Physiology: Enzymes                                  | RM                    | RM = (1 + 2) x 4 = 12                  |
|          | August  | Cellular Basis of Physiology: Cellular Transport, Genetics, Cell Cycle | AG                    | AG = (4 + 2) x 4 = 24                  |
|          |   | Cellular Basis of Physiology: Enzymes                                  | RM                    | RM = (1 + 2) x 4 = 12                  |
|          | September<br>(Puja<br>Vacation: 30 <sup>th</sup><br>Sept–27 <sup>th</sup> Oct)          | Biophysical Principles   | AG                    | AG = (4 + 2) x 4 = 24                  |
|          |   | Biomolecules: Amino Acids  | RM                    | RM = (1 + 2) x 4 = 12                  |
|          |   | Practical & Class Test   | AG, RM, SD            |  |
|          | October<br>(Puja<br>Vacation: 30 <sup>th</sup><br>Sept–27 <sup>th</sup> Oct)            | Instruments  | AG                    | AG = (4 + 2) x 4 = 24                  |
|          |   | Biomolecules: Peptides & Proteins                                      | RM                    | RM = (1 + 2) x 4 = 12                  |
|          |   | Practical & Class Test   | AG, RM, SD            |  |
|          | November  | Biomolecules: Carbohydrates  | AG                    | AG = (4 + 2) x 4 = 24                  |
|          |   | Biomolecules: Nucleic Acids  | RM                    | RM = (1 + 2) x 4 = 12                  |
|          |   | Practical & Class Test   | AG, RM, SD            |  |
|          | December<br>(Christmas<br>Holidays: 24 <sup>th</sup><br>– 31 <sup>st</sup> Dec<br>2022) | Biomolecules: Lipids   | AG                    | AG = (4 + 2) x 4 = 24                  |
|          |   | Biomolecules: Nucleic Acids  | RM                    | RM = (1 + 2) x 4 = 12                  |
|          |   | Semester - End (Internal Assessment)                                   | AG, RM, AS,<br>DS, SD |  |

**Abbreviations:** Th = Theory Classes; Pr = Practical Classes, AG = Dr. Arijit Ghosh; RM = Mrs. Ritisri Mondal; SD = Mrs. Shalmi Das; DS = Mrs. Debleena Sur; AS = Ms. Anusuya Sarkar

**Academic Plan for Semester – I (Gen), Dept. of PHYSIOLOGY, 2022-23**

| Semester  | Time Frame   | PHY-General - Th & Pr / Module/ Assessments | Teachers  | Total no. of classes / Teacher / Month                      |
|---|--|---|---|---|
| 1 (One)   | July   | Cellular Basis of Physiology                | AG  | AG = (2 + 2) x 4 = 16<br>RM = 1 x 4 = 04<br>SD = 2 x 4 = 08 |
|   |  | Biomolecules                                | RM  |   |
|   |  | Digestion & Metabolism                      | SD  |   |
|   | August   | Cellular Basis of Physiology                | AG  | AG = (2 + 2) x 4 = 16<br>RM = 1 x 4 = 04<br>SD = 2 x 4 = 08 |
|   |  | Biomolecules                                | RM  |   |
|   |  | Digestion & Metabolism                      | SD  |   |
|   | September<br>(Puja<br>Vacation: 30 <sup>th</sup><br>Sept–27 <sup>th</sup> Oct) | Cellular Basis of Physiology                | AG  | AG = (2 + 2) x 4 = 16<br>RM = 1 x 4 = 04<br>SD = 2 x 4 = 08 |
|   |  | Biomolecules                                | RM  |   |
|   |  | Digestion & Metabolism                      | SD  |   |
|   | October<br>(Puja<br>Vacation: 30 <sup>th</sup><br>Sept–27 <sup>th</sup> Oct)   | Cellular Basis of Physiology                | AG  | AG = (2 + 2) x 4 = 16<br>RM = 1 x 4 = 04<br>SD = 2 x 4 = 08 |
|   |  | Biomolecules                                | RM  |   |
|   |  | Digestion & Metabolism                      | SD  |   |
|   | November   | Cellular Basis of Physiology                | AG  | AG = (2 + 2) x 4 = 16<br>RM = 1 x 4 = 04<br>SD = 2 x 4 = 08 |
|   |  | Biomolecules                                | RM  |   |
|   |  | Digestion & Metabolism                      | SD  |   |
| December<br>(Christmas<br>Holidays: 24 <sup>th</sup><br>– 31 <sup>st</sup> Dec<br>2022) | Cellular Basis of Physiology, Biomolecules: Revision                           | AG, RM                                      | AG = (2 + 2) x 4 = 16<br>RM = 1 x 4 = 04<br>SD = 2 x 4 = 08 |   |
|   | Digestion & Metabolism   | SD  |   |   |
|   | Semester - End (Internal Assessment)   | AG, RM, AS,<br>DS, SD                       |   |   |

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**Academic Plan for Semester – III (Hons), Dept. of PHYSIOLOGY, 2022-23**

| Semester                             | Time Frame  | PHY-Honours - Th & Pr / Module/ Assessments                              | Teachers                                 | Total no. of classes / Teacher / Month                            |
|--------------------------------------|---|--|--|---|
| 3 (Three)                            | July  | Physiology of Blood & Body Fluids: Introduction, Bone Marrow             | AG                                       | AG = (2 + 2) x 4 = 16   |
|                                      |   | Cardiovascular System: Introduction, Cardiac Cycle, Blood Pressure       | SD, AS                                   | DS = 4 x 4 = 16   |
|                                      |   | Respiratory System: Introduction, Disorders of Breathing                 | RM, DS                                   | AS = (2 + 2) x 4 = 16   |
|                                      |   | Practicals & Class Tests   | AG, RM, AS, DS, SD                       | SD = 2 x 4 = 08<br>RM = (4 + 4) x 4 = 32                          |
|                                      | August  | Physiology of Blood & Body Fluids: Plasma Protein, Erythropoiesis        | AG                                       | AG = (2 + 2) x 4 = 16   |
|                                      |   | Cardiovascular System: Cardiac Output, ECG                               | SD, AS                                   | DS = 4 x 4 = 16   |
|                                      |   | Respiratory System: Mechanics & Spirometry                               | RM, DS                                   | AS = (2 + 2) x 4 = 16   |
|                                      |   | Practicals & Class Tests   | AG, RM, AS, DS, SD                       | SD = 2 x 4 = 08<br>RM = (4 + 4) x 4 = 32                          |
|                                      | September<br>(Puja<br>Vacation: 30 <sup>th</sup><br>Sept–27 <sup>th</sup> Oct)          | Physiology of Blood & Body Fluids: Blood Volume, Hemostasis, Blood Group | AG, AS                                   | AG = (2 + 2) x 4 = 16   |
|                                      |   | Cardiovascular System: Pulse   | SD, DS                                   | DS = 4 x 4 = 16   |
|                                      |   | Respiratory System: Pulmonary Circulation, Transport of Gases            | RM, DS                                   | AS = (2 + 2) x 4 = 16   |
|                                      |   | Practicals & Class Tests   | AG, RM, AS, DS, SD                       | SD = 2 x 4 = 08<br>RM = (4 + 4) x 4 = 32                          |
|                                      | October<br>(Puja<br>Vacation: 30 <sup>th</sup><br>Sept–27 <sup>th</sup> Oct)            | Lymph, Lymphatic Organs, Disorder, Hematological Technique (SEC – A1)    | AG                                       | AG = (2 + 2) x 4 = 16   |
|                                      |   | Cardiovascular System: Homeostasis, Coronary Circulation                 | SD                                       | DS = 4 x 4 = 16   |
|                                      |   | Respiratory System: Revision   | RM, DS                                   | AS = (2 + 2) x 4 = 16<br>SD = 2 x 4 = 08<br>RM = (4 + 4) x 4 = 32 |
|                                      | November  | Hematological Technique (SEC – A1)                                       | AG                                       | AG = (2 + 2) x 4 = 16   |
|                                      |   | Cardiovascular System: Revision  | SD                                       | DS = 4 x 4 = 16   |
|                                      |   | Respiratory System: Revision   | RM                                       | AS = (2 + 2) x 4 = 16   |
|                                      |   | Practicals & Class Tests   | AG, RM, AS, DS, SD                       | SD = 2 x 4 = 08<br>RM = (4 + 4) x 4 = 32                          |
|                                      | December<br>(Christmas<br>Holidays: 24 <sup>th</sup><br>– 31 <sup>st</sup> Dec<br>2022) | Hematological Technique (SEC – A1)                                       | AG                                       | AG = (2 + 2) x 4 = 16   |
| Cardiovascular System: Revision      |   | SD, DS   | DS = 4 x 4 = 16                          |   |
| Respiratory System: Revision         |   | RM   | AS = (2 + 2) x 4 = 16                    |   |
| Semester - End (Internal Assessment) |   | AG, RM, AS, DS, SD   | SD = 2 x 4 = 08<br>RM = (4 + 4) x 4 = 32 |   |

**Abbreviations:** Th = Theory Classes; Pr = Practical Classes, AG = Dr. Arijit Ghosh; RM = Mrs. Ritisri Mondal; SD = Mrs. Shalmi Das; DS = Mrs. Debleena Sur; AS = Ms. Anusuya Sarkar

**Academic Plan for Semester – III (Gen), Dept. of PHYSIOLOGY, 2022-23**

| Semester                             | Time Frame  | PHY-General - Th & Pr / Module/ Assessments | Teachers | Total no. of classes / Teacher / Month                                   |
|--------------------------------------|---|---|----------|--|
| 3 (Three)                            | July  | Nerve Muscle Physiology                     | AS       | DS = 2 x 4 = 08<br>SD = 2 x 4 = 08<br>AS = 1 x 4 = 04<br>RM = 1 x 4 = 04 |
|                                      |   | Nervous System                              | SD       |  |
|                                      |   | Special Senses                              | DS, AS   |  |
|                                      |   | Microbiology & Immunology (SEC A1)          | RM, DS   |  |
|                                      | August  | Nerve Muscle Physiology                     | AS       | DS = 2 x 4 = 08<br>SD = 2 x 4 = 08<br>AS = 1 x 4 = 04<br>RM = 1 x 4 = 04 |
|                                      |   | Nervous System                              | SD       |  |
|                                      |   | Special Senses                              | DS, AS   |  |
|                                      |   | Microbiology & Immunology (SEC A1)          | RM, DS   |  |
|                                      | September<br>(Puja<br>Vacation: 30 <sup>th</sup><br>Sept–27 <sup>th</sup> Oct)          | Nerve Muscle Physiology                     | AS       | DS = 2 x 4 = 08<br>SD = 2 x 4 = 08<br>AS = 1 x 4 = 04<br>RM = 1 x 4 = 04 |
|                                      |   | Nervous System                              | SD       |  |
|                                      |   | Special Senses                              | DS, AS   |  |
|                                      |   | Microbiology & Immunology (SEC A1)          | RM, DS   |  |
|                                      | October<br>(Puja<br>Vacation: 30 <sup>th</sup><br>Sept–27 <sup>th</sup> Oct)            | Nerve Muscle Physiology                     | AS       | DS = 2 x 4 = 08<br>SD = 2 x 4 = 08<br>AS = 1 x 4 = 04<br>RM = 1 x 4 = 04 |
|                                      |   | Nervous System                              | SD       |  |
|                                      |   | Special Senses                              | DS, AS   |  |
|                                      | November  | Nerve Muscle Physiology                     | AS       | DS = 2 x 4 = 08<br>SD = 2 x 4 = 08<br>AS = 1 x 4 = 04<br>RM = 1 x 4 = 04 |
|                                      |   | Nervous System                              | SD       |  |
|                                      |   | Special Senses                              | DS, AS   |  |
|                                      |   | Microbiology & Immunology (SEC A1)          | RM, DS   |  |
|                                      | December<br>(Christmas<br>Holidays: 24 <sup>th</sup><br>– 31 <sup>st</sup> Dec<br>2022) | Nerve Muscle Physiology                     | AS       | DS = 2 x 4 = 08<br>SD = 2 x 4 = 08<br>AS = 1 x 4 = 04<br>RM = 1 x 4 = 04 |
| Nervous System                       |   | SD  |          |  |
| Special Senses                       |   | DS, AS                                      |          |  |
| Semester - End (Internal Assessment) |   | AG, RM, AS,<br>DS, SD                       |          |  |

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AS = Ms. Anusuya Sarkar

**Academic Plan for Semester – V (Hons), Dept. of PHYSIOLOGY, 2022-23**

| Semester                             | Time Frame  | PHY-Honours - Th & Pr / Module/ Assessments | Teachers                           | Total no. of classes / Teacher / Month                      |
|--------------------------------------|---|---|------------------------------------|---|
| 5 (Five)                             | July  | Special Senses:                             | DS, AS                             | AG = (3 + 2) x 4 = 20                                       |
|                                      |   | Endocrinology:                              | AG, RM                             | DS = 5 x 4 = 20   |
|                                      |   | Microbiology & Immunology:                  | RM, DS                             | SD = (2 + 2) x 4 = 16                                       |
|                                      |   | Work, Exercise & Sports Physiology:         | SD, AS                             | AS = 3 x 4 = 12<br>RM = 5 x 4 = 20                          |
|                                      | August  | Special Senses:                             | DS, AS                             | AG = (3 + 2) x 4 = 20                                       |
|                                      |   | Endocrinology:                              | AG, RM                             | DS = 5 x 4 = 20   |
|                                      |   | Microbiology & Immunology:                  | RM, DS                             | SD = (2 + 2) x 4 = 16                                       |
|                                      |   | Work, Exercise & Sports Physiology:         | SD, AS                             | AS = 3 x 4 = 12<br>RM = 5 x 4 = 20                          |
|                                      | September<br>(Puja<br>Vacation: 30 <sup>th</sup><br>Sept–27 <sup>th</sup> Oct)          | Special Senses:                             | DS, AS                             | AG = (3 + 2) x 4 = 20                                       |
|                                      |   | Endocrinology:                              | AG, RM                             | DS = 5 x 4 = 20   |
|                                      |   | Microbiology & Immunology:                  | RM, DS                             | SD = (2 + 2) x 4 = 16                                       |
|                                      |   | Work, Exercise & Sports Physiology:         | SD, AS                             | AS = 3 x 4 = 12<br>RM = 5 x 4 = 20                          |
|                                      | October<br>(Puja<br>Vacation: 30 <sup>th</sup><br>Sept–27 <sup>th</sup> Oct)            | Microbiology & Immunology:                  | RM, DS                             | AG = (3 + 2) x 4 = 20                                       |
|                                      |   | Work, Exercise & Sports Physiology:         | SD, AS                             | DS = 5 x 4 = 20   |
|                                      |   | Practicals & Class Tests                    | RM, DS, SD,<br>AS, AG              | SD = (2 + 2) x 4 = 16<br>AS = 3 x 4 = 12<br>RM = 5 x 4 = 20 |
|                                      | November  | Microbiology & Immunology:                  | RM, DS                             | AG = (3 + 2) x 4 = 20                                       |
|                                      |   | Work, Exercise & Sports Physiology:         | SD, AS                             | DS = 5 x 4 = 20   |
|                                      |   | Endocrinology: Revision                     | AG, RM                             | SD = (2 + 2) x 4 = 16                                       |
|                                      |   | Practicals & Class Tests                    | RM, AS, DS,<br>SD, AG              | AS = 3 x 4 = 12<br>RM = 5 x 4 = 20                          |
|                                      | December<br>(Christmas<br>Holidays: 24 <sup>th</sup><br>– 31 <sup>st</sup> Dec<br>2022) | Microbiology & Immunology:                  | RM, DS                             | AG = (3 + 2) x 4 = 20                                       |
| Work, Exercise & Sports Physiology:  |   | SD, DS                                      | DS = 5 x 4 = 20                    |   |
| Special Senses: Revision             |   | AS, DS                                      | SD = (2 + 2) x 4 = 16              |   |
| Semester - End (Internal Assessment) |   | AG, RM, AS,<br>DS, SD                       | AS = 3 x 4 = 12<br>RM = 5 x 4 = 20 |   |

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**Academic Plan for Semester – V (Gen), Dept. of PHYSIOLOGY, 2022-23**

| Semester | Time Frame  | PHY-General - Th & Pr / Module/ Assessments | Teachers           | Total no. of classes / Teacher / Month |
|----------|---|---|--------------------|--|
| 5 (Five) | July  | Haematology                                 | AG, AS             | AG = 01 x 4 = 04<br>AS = 02 x 4 = 08   |
|          |   | Practicals & Class Tests                    | AG, RM, AS, DS, SD |  |
|          | August  | Haematology                                 | AG, AS             | AG = 01 x 4 = 04<br>AS = 02 x 4 = 08   |
|          |   | Practicals & Class Tests                    | AG, RM, AS, DS, SD |  |
|          | September<br>(Puja<br>Vacation: 30 <sup>th</sup><br>Sept–27 <sup>th</sup> Oct)          | Haematology                                 | AG, AS             | AG = 01 x 4 = 04<br>AS = 02 x 4 = 08   |
|          |   | Practicals & Class Tests                    | AG, RM, AS, DS, SD |  |
|          | October<br>(Puja<br>Vacation: 30 <sup>th</sup><br>Sept–27 <sup>th</sup> Oct)            | Haematology - Revision                      | AG, AS             | AG = 01 x 4 = 04<br>AS = 02 x 4 = 08   |
|          | November  | Haematology - Revision                      | AG, AS             | AG = 01 x 4 = 04<br>AS = 02 x 4 = 08   |
|          |   | Practicals & Class Tests                    | AG, RM, AS, DS, SD |  |
|          | December<br>(Christmas<br>Holidays: 24 <sup>th</sup><br>– 31 <sup>st</sup> Dec<br>2022) | Haematology - Revision                      | AG, AS             | AG = 01 x 4 = 04<br>AS = 02 x 4 = 08   |
|          |   | Semester - End (Internal Assessment)        | AG, RM, AS, DS, SD |  |

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**Academic Plan for Semester – II (Hons), Dept. of PHYSIOLOGY, 2022-23**

| Semester                             | Time Frame | PHY-Honours - Th & Pr / Module/ Assessments | Teachers                                 | Total no. of classes / Teacher / Month                      |
|--------------------------------------|------------|---|--|---|
| 2 (Two)                              | January    | Cell Signalling                             | RM                                       | AG = (4 + 2) x 4 = 24                                       |
|                                      |            | Nerve                                       | SD                                       | DS = 1 x 4 = 04   |
|                                      |            | Muscle                                      | AS                                       | AS = 1 x 4 = 04   |
|                                      |            | Nervous System                              | AG, SD                                   | SD = 2 x 4 = 08<br>RM = (2 + 2) x 4 = 16                    |
|                                      | February   | Cell Signalling                             | RM                                       | AG = (4 + 2) x 4 = 24                                       |
|                                      |            | Nerve                                       | SD                                       | DS = 1 x 4 = 04   |
|                                      |            | Muscle                                      | AS                                       | AS = 1 x 4 = 04   |
|                                      |            | Nervous System                              | AG, SD                                   | SD = 2 x 4 = 08<br>RM = (2 + 2) x 4 = 16                    |
|                                      | March      | Cell Signalling                             | RM                                       | AG = (4 + 2) x 4 = 24                                       |
|                                      |            | Nerve                                       | SD                                       | DS = 1 x 4 = 04   |
|                                      |            | Muscle                                      | AS                                       | AS = 1 x 4 = 04   |
|                                      |            | Nervous System                              | AG, SD                                   | SD = 2 x 4 = 08<br>RM = (2 + 2) x 4 = 16                    |
|                                      | April      | Nervous System                              | AG                                       | AG = (4 + 2) x 4 = 24                                       |
|                                      |            | Nerve & Muscle: Revision                    | SD, AS                                   | DS = 1 x 4 = 04   |
|                                      |            | Practical & Class Tests                     | AG, RM, DS, SD, AS                       | AS = 1 x 4 = 04<br>SD = 2 x 4 = 08<br>RM = (2 + 2) x 4 = 16 |
|                                      | May        | Nervous System                              | AG                                       | AG = (4 + 2) x 4 = 24                                       |
|                                      |            | Nerve & Muscle: Revision                    | SD, AS                                   | DS = 1 x 4 = 04   |
|                                      |            | Practicals & Class Tests                    | AG, RM, AS, DS, SD                       | AS = 1 x 4 = 04<br>SD = 2 x 4 = 08<br>RM = (2 + 2) x 4 = 16 |
|                                      | June       | Nervous System: Revision                    | AG                                       | AG = (4 + 2) x 4 = 24                                       |
|                                      |            | Nerve & Muscle: Revision                    | SD, AS                                   | DS = 1 x 4 = 04   |
| Cell Signalling: Revision            |            | RM  | AS = 1 x 4 = 04                          |   |
| Semester - End (Internal Assessment) |            | AG, RM, AS, DS, SD                          | SD = 2 x 4 = 08<br>RM = (2 + 2) x 4 = 16 |   |

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**Academic Plan for Semester – II (Gen), Dept. of PHYSIOLOGY, 2022-23**

| Semester                            | Time Frame | PHY-General - Th & Pr / Module/ Assessments | Teachers   | Total no. of classes / Teacher / Month                            |
|-------------------------------------|------------|---|------------|---|
| 2 (Two)                             | January    | Blood & Body Fluid                          | AG         | AG = (1 + 2) x 4 = 12<br>SD = (1 + 2) x 4 = 12<br>RM = 1 x 4 = 04 |
|                                     |            | Cardiovascular System                       | SD         |   |
|                                     |            | Respiratory System                          | RM         |   |
|                                     |            | Practical & Class Tests                     | AG, SD, RM |   |
|                                     | February   | Blood & Body Fluid                          | AG         | AG = (1 + 2) x 4 = 12<br>SD = (1 + 2) x 4 = 12<br>RM = 1 x 4 = 04 |
|                                     |            | Cardiovascular System                       | SD         |   |
|                                     |            | Respiratory System                          | RM         |   |
|                                     |            | Practical & Class Tests                     | AG, SD, RM |   |
|                                     | March      | Blood & Body Fluid                          | AG         | AG = (1 + 2) x 4 = 12<br>SD = (1 + 2) x 4 = 12<br>RM = 1 x 4 = 04 |
|                                     |            | Cardiovascular System                       | SD         |   |
|                                     |            | Respiratory System                          | RM         |   |
|                                     |            | Practical & Class Tests                     | AG, SD, RM |   |
|                                     | April      | Blood & Body Fluid                          | AG         | AG = (1 + 2) x 4 = 12<br>SD = (1 + 2) x 4 = 12<br>RM = 1 x 4 = 04 |
|                                     |            | Cardiovascular System                       | SD         |   |
|                                     |            | Respiratory System                          | RM         |   |
|                                     | May        | Blood & Body Fluid                          | AG         | AG = (1 + 2) x 4 = 12<br>SD = (1 + 2) x 4 = 12<br>RM = 1 x 4 = 04 |
|                                     |            | Cardiovascular System                       | SD         |   |
|                                     |            | Respiratory System                          | RM         |   |
|                                     | June       | Blood & Body Fluid                          | AG         | AG = (1 + 2) x 4 = 12<br>SD = (1 + 2) x 4 = 12<br>RM = 1 x 4 = 04 |
|                                     |            | Cardiovascular System                       | SD         |   |
| Respiratory System                  |            | RM  |            |   |
| Semester – End, Internal Assessment |            | AG, SD, RM                                  |            |   |

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**Academic Plan for Semester – IV (Hons), Dept. of PHYSIOLOGY, 2022-23**

| Semester | Time Frame                           | PHY-Honours - Th & Pr / Module/ Assessments               | Teachers                                 | Total no. of classes / Teacher / Month   |
|----------|--------------------------------------|---|--|--|
| 4 (Four) | January                              | Digestion & Metabolism                                    | SD, AS                                   | AG = (1 + 4) x 4 = 20                    |
|          |                                      | Molecular Biology   | RM, DS                                   | DS = 4 x 4 = 16                          |
|          |                                      | Nutrition & Dietetics                                     | AG                                       | AS = (2 + 2) x 4 = 16                    |
|          |                                      | Detection of Food Additives / Adulterants and Xenobiotics | AG                                       | SD = 2 x 4 = 08<br>RM = (4 + 4) x 4 = 32 |
|          | February                             | Digestion & Metabolism                                    | SD, AS                                   | AG = (1 + 4) x 4 = 20                    |
|          |                                      | Molecular Biology   | RM, DS                                   | DS = 4 x 4 = 16                          |
|          |                                      | Nutrition & Dietetics                                     | AG                                       | AS = (2 + 2) x 4 = 16                    |
|          |                                      | Detection of Food Additives / Adulterants and Xenobiotics | AG                                       | SD = 2 x 4 = 08<br>RM = (4 + 4) x 4 = 32 |
|          | March                                | Digestion & Metabolism                                    | SD, AS                                   | AG = (1 + 4) x 4 = 20                    |
|          |                                      | Molecular Biology   | RM, DS                                   | DS = 4 x 4 = 16                          |
|          |                                      | Nutrition & Dietetics                                     | AG                                       | AS = (2 + 2) x 4 = 16                    |
|          |                                      | Detection of Food Additives / Adulterants and Xenobiotics | AG                                       | SD = 2 x 4 = 08<br>RM = (4 + 4) x 4 = 32 |
|          | April                                | Digestion & Metabolism                                    | SD, AS                                   | AG = (1 + 4) x 4 = 20                    |
|          |                                      | Molecular Biology   | RM, DS                                   | DS = 4 x 4 = 16                          |
|          |                                      | Nutrition & Dietetics                                     | AG                                       | AS = (2 + 2) x 4 = 16                    |
|          |                                      | Detection of Food Additives / Adulterants and Xenobiotics | AG                                       | SD = 2 x 4 = 08<br>RM = (4 + 4) x 4 = 32 |
|          | May                                  | Digestion & Metabolism                                    | SD, AS                                   | AG = (1 + 4) x 4 = 20                    |
|          |                                      | Molecular Biology   | RM, DS                                   | DS = 4 x 4 = 16                          |
|          |                                      | Nutrition & Dietetics, Class Tests                        | AG                                       | AS = (2 + 2) x 4 = 16                    |
|          |                                      | Detection of Food Additives / Adulterants and Xenobiotics | AG                                       | SD = 2 x 4 = 08<br>RM = (4 + 4) x 4 = 32 |
| June     | Digestion & Metabolism               | SD, AS  | AG = (1 + 4) x 4 = 20                    |  |
|          | Molecular Biology                    | RM, DS  | DS = 4 x 4 = 16                          |  |
|          | Nutrition & Dietetics, Class Tests   | AG  | AS = (2 + 2) x 4 = 16                    |  |
|          | Semester - End (Internal Assessment) | AG, RM, AS, DS, SD  | SD = 2 x 4 = 08<br>RM = (4 + 4) x 4 = 32 |  |

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**Academic Plan for Semester – IV (Gen), Dept. of PHYSIOLOGY, 2022-23**

| Semester | Time Frame                           | PHY-General - Th & Pr / Module/ Assessments | Teachers   | Total no. of classes / Teacher / Month                                   |
|----------|--------------------------------------|---|--|--|
| 4 (Four) | January                              | Endocrinology                               | RM   | DS = 2 x 4 = 08<br>AS = 1 x 4 = 04<br>SD = 2 x 4 = 08<br>RM = 1 x 4 = 04 |
|          |                                      | Reproductive System                         | SD   |  |
|          |                                      | Excretory System                            | DS   |  |
|          |                                      | Community & Public Health                   | AS   |  |
|          | February                             | Endocrinology                               | RM   | DS = 2 x 4 = 08<br>AS = 1 x 4 = 04<br>SD = 2 x 4 = 08<br>RM = 1 x 4 = 04 |
|          |                                      | Reproductive System                         | SD   |  |
|          |                                      | Excretory System                            | DS   |  |
|          |                                      | Community & Public Health                   | AS   |  |
|          | March                                | Endocrinology                               | RM   | DS = 2 x 4 = 08<br>AS = 1 x 4 = 04<br>SD = 2 x 4 = 08<br>RM = 1 x 4 = 04 |
|          |                                      | Reproductive System                         | SD   |  |
|          |                                      | Excretory System                            | DS   |  |
|          |                                      | Community & Public Health                   | AS   |  |
|          | April                                | Endocrinology                               | RM   | DS = 2 x 4 = 08<br>AS = 1 x 4 = 04<br>SD = 2 x 4 = 08<br>RM = 1 x 4 = 04 |
|          |                                      | Reproductive System                         | SD   |  |
|          |                                      | Excretory System                            | DS   |  |
|          |                                      | Community & Public Health                   | AS   |  |
|          | May                                  | Endocrinology                               | RM   | DS = 2 x 4 = 08<br>AS = 1 x 4 = 04<br>SD = 2 x 4 = 08<br>RM = 1 x 4 = 04 |
|          |                                      | Reproductive System                         | SD   |  |
|          |                                      | Excretory System                            | DS   |  |
|          |                                      | Community & Public Health                   | AS   |  |
| June     | Endocrinology                        | RM  | DS = 2 x 4 = 08<br>AS = 1 x 4 = 04<br>SD = 2 x 4 = 08<br>RM = 1 x 4 = 04 |  |
|          | Reproductive System                  | SD  |  |  |
|          | Excretory System                     | DS  |  |  |
|          | Semester - End (Internal Assessment) | AG, RM, AS,<br>DS, SD                       |  |  |

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**Academic Plan for Semester – VI (Hons), Dept. of PHYSIOLOGY, 2022-23**

| Semester | Time Frame                           | PHY-Honours - Th & Pr / Module/ Assessments | Teachers                           | Total no. of classes / Teacher / Month |
|----------|--------------------------------------|---|------------------------------------|--|
| 6 (Six)  | January                              | Reproductive Physiology                     | SD                                 | AG = (4 + 2) x 4 = 24                  |
|          |                                      | Excretory System                            | AG                                 | DS = 4 x 4 = 16                        |
|          |                                      | Community & Public Health                   | AS, SD                             | SD = (2 + 2) x 4 = 16                  |
|          |                                      | Toxicology & Pharmacology                   | RM, DS                             | AS = 3 x 4 = 12<br>RM = 5 x 4 = 20     |
|          | February                             | Reproductive Physiology                     | SD                                 | AG = (4 + 2) x 4 = 24                  |
|          |                                      | Excretory System                            | AG                                 | DS = 4 x 4 = 16                        |
|          |                                      | Community & Public Health                   | AS, SD                             | SD = (2 + 2) x 4 = 16                  |
|          |                                      | Toxicology & Pharmacology                   | RM, DS                             | AS = 3 x 4 = 12<br>RM = 5 x 4 = 20     |
|          | March                                | Reproductive Physiology                     | SD                                 | AG = (4 + 2) x 4 = 24                  |
|          |                                      | Excretory System                            | AG                                 | DS = 4 x 4 = 16                        |
|          |                                      | Community & Public Health                   | AS, SD                             | SD = (2 + 2) x 4 = 16                  |
|          |                                      | Toxicology & Pharmacology                   | RM, DS                             | AS = 3 x 4 = 12<br>RM = 5 x 4 = 20     |
|          | April                                | Reproductive Physiology                     | SD                                 | AG = (4 + 2) x 4 = 24                  |
|          |                                      | Excretory System                            | AG                                 | DS = 4 x 4 = 16                        |
|          |                                      | Community & Public Health                   | AS, SD                             | SD = (2 + 2) x 4 = 16                  |
|          |                                      | Toxicology & Pharmacology                   | RM, DS                             | AS = 3 x 4 = 12<br>RM = 5 x 4 = 20     |
|          | May                                  | Reproductive Physiology                     | SD                                 | AG = (4 + 2) x 4 = 24                  |
|          |                                      | Excretory System                            | AG                                 | DS = 4 x 4 = 16                        |
|          |                                      | Community & Public Health                   | AS, SD                             | SD = (2 + 2) x 4 = 16                  |
|          |                                      | Toxicology & Pharmacology                   | RM, DS                             | AS = 3 x 4 = 12<br>RM = 5 x 4 = 20     |
| June     | Reproductive Physiology              | SD  | AG = (4 + 2) x 4 = 24              |  |
|          | Excretory System                     | AG  | DS = 4 x 4 = 16                    |  |
|          | Community & Public Health            | AS, SD                                      | SD = (2 + 2) x 4 = 16              |  |
|          | Toxicology & Pharmacology            | RM, DS                                      | AS = 3 x 4 = 12<br>RM = 5 x 4 = 20 |  |
|          | Semester - End (Internal Assessment) | AG, RM, AS, DS, SD                          |                                    |  |

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**Academic Plan for Semester – VI (Gen), Dept. of PHYSIOLOGY, 2022-23**

| Semester                             | Time Frame | PHY-General - Th & Pr / Module/ Assessments | Teachers | Total no. of classes / Teacher / Month   |
|--------------------------------------|------------|---|----------|--|
| 6 (Six)                              | January    | Human Nutrition & Dietetics (DSE B2)        | DS, AS   | DS = 1 x 4 = 04<br>AS = (1 + 2) x 4 = 12 |
|                                      | February   | Human Nutrition & Dietetics (DSE B2)        | DS, AS   | DS = 1 x 4 = 04<br>AS = (1 + 2) x 4 = 12 |
|                                      | March      | Human Nutrition & Dietetics (DSE B2)        | DS, AS   | DS = 1 x 4 = 04<br>AS = (1 + 2) x 4 = 12 |
|                                      | April      | Human Nutrition & Dietetics (DSE B2)        | DS, AS   | DS = 1 x 4 = 04<br>AS = (1 + 2) x 4 = 12 |
|                                      | May        | Human Nutrition & Dietetics (DSE B2)        | DS, AS   | DS = 1 x 4 = 04<br>AS = (1 + 2) x 4 = 12 |
|                                      |            | Class Tests                                 |          |  |
|                                      | June       | Human Nutrition & Dietetics (DSE B2)        | DS, AS   | DS = 1 x 4 = 04<br>AS = (1 + 2) x 4 = 12 |
| Semester - End (Internal Assessment) |            | AG, RM, AS,<br>DS, SD                       |          |  |

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