

## I – Academic Planner

**CC. Teaching Plan ( Year : \_Odd,2020-2021\_Aug-November\_\_\_\_\_ Semester: Odd / Even )**

**Teacher's Name \_Dr Sanjukta Das\_\_\_\_\_ Department \_Zoology\_\_\_\_\_**

| S. No. | UPC                                   | Paper Name                                   | Core/AECC/GE/SEC | Topic/Unit                  | Start Date | End Date |
|--------|---------------------------------------|--|------------------|-----------------------------|------------|----------|
| 569    | 32231501<br>B.Sc( Hons)<br>Zoology    | Molecular<br>Biology(Theory)                 | Core             | Unit 5, Unit6 Unit7, Unit 8 | August 10  | Nov 27   |
| 569    | 32231501<br>B.Sc(Hons)<br>Zoology     | Molecular<br>Biology(Practical)              | Core             | Practical 1,6,7,8           | August 13  | Nov 26   |
|        | 42234301<br>B.Sc (P) Life<br>Sciences | Physiology<br>&Biochemistry(Practical))      | Core             | Practical 1,2,3,4,5,6       | August 11  | Nov 24   |
| 569    | 32231303<br>B.Sc(Hons)<br>Zoology     | Fundamentals of<br>Biochemistry ( Practical) | Core             | Practical 1.2.3.4.5.6.7     | August 19  | Nov 25   |

### **O. FDP/Seminar/Workshops/Lectures to be attended and/or to be conducted by Teachers**

|  |   |
|--|---|
| <b>Event Topic</b>                               | 1)ICT- Instructional Design, Development and Learning Analytics,July 24-30,2020,IQAC&UGC-PARAMARSH , Kirori Mal college<br>2) Application of ICT Tools in Higher Education 11 <sup>th</sup> -12 <sup>th</sup> June, Motilal Nehru College,2020<br>3) Diagnostic and Therapeutic approaches to Covid -19, September 3,2020 |
| <b>Type / Nature (FDP/Webinar/Workshop etc.)</b> | 1) And 2) FDP and 3) Webinar  |

|   |  |  |  |             |  |
|---|--|--|--|-------------|--|
| <b>Organizing In-charge</b>   |  |  |  |             |  |
| <b>Details regarding invited Resource Person</b>                        |  | <b>Dr. Imtiaz Haasan</b>                                 |  |             |  |
| <b>Nature of Participation (e.g. Invited Speaker, Participant etc.)</b> |  | <b>1)Participation 2) Participation 3) Participation</b> |  |             |  |
| <b>Date/s</b>   |  | <b>Timing/s</b>  |  | <b>Mode</b> |  |

**P. Internal Assessment: House Exam (Test/Presentation etc.) & Assignment\***

| <b>Course Code</b> | <b>Course Name</b>     | <b>Unique Paper Code</b>              | <b>Topic Name</b>  | <b>Day and Date</b>                 | <b>Date/s of Exhibiting the Assessment Sheet to students, Discussing the marks, Returning/Retaining</b> |
|--------------------|------------------------|---------------------------------------|--|-------------------------------------|---|
| <b>569</b>         | B.Sc( Hons) Zoology    | 32231501, Molecular Biology           | Lac operon and trp operon  | September 25<br>Class test , Friday | Sept 25   |
|                    | B.Sc (Hons) Zoology    | 32231501,Molecular Biology            | Polytene chromosome , DNA replication, Transcription   | Oct 29, Thurs day                   | 5 <sup>th</sup> November  |
|                    | B.Sc (P) Life Sciences | 42234301                              | Histology  | Oct 20, Tuesday<br>Class test       | 3ed November  |
|                    | B.Sc (Hons) Zoology    | 32231501,Molecular biology            | miRNA, siRNA   | OCT 18                              | Oct 29  |
|                    | BSc (Hons) Zoology     | 32231303,Fundamentals of Biochemistry | Salivary Amylase activity under optimum conditions, different pH, different temperature and inhibitors | Oct 7 Wednesday                     | Oct28   |
|                    |                        |                                       |  |                                     |   |

**\*Marks of the Internal Assessment to be submitted to the College 15 days before the last working day of every semester**

**Q. Organization of Department/College Society Meetings by Staff Advisor/Convener**

| <b>Department/Society</b>            | <b>Meeting Date</b> | <b>Purpose</b>                                  |
|--------------------------------------|---------------------|---|
| <b>Department</b>                    | 09.06. 2020         | To deliberate on OBE guidelines for VI semester |
| <b>Department Meeting</b>            | 04.08.2020          | Discussion on conducting classes on online mode |
| <b>Department</b>                    | 5.09.2020           | Teacher's Day celebration                       |
| <b>Departmental Meeting</b>          | 17.9.2020           | On Academic planner                             |
| <b>On Departmental Whatsapp msgs</b> | 13.10. 2020         | Departmental option for GE paper                |

**R. College Functions**

| <b>College Function</b> | <b>Function Date</b> | <b>Role to be played</b> |
|-------------------------|----------------------|--------------------------|
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**[For Departments](#)**

**L. Department activities for students – Election/Freshers/Welcome/Farewell/Department Seminars/Society functions**

| Event                        | Date          | Timing | Venue           | Event In-charge / Supervisor                 |
|------------------------------|---------------|--------|-----------------|--|
| Department Election          | 10.10.2020    | 10.45  | Virtual meeting | Dr. Anjali and Dr. Lukram                    |
| Fresher's Welcome            | To be decided |        |                 |  |
| Farewell                     | „             |        |                 |  |
| Department Society functions | „             |        |                 |  |
| Department Seminars          |               |        |                 |  |
| Any Other ( Alumni Meeting ) | 26.9.2020     | 11am   | Virtual meeting | Dr. Cherita, Dr. Anjali and Dr, Sanjukta Das |

#### M. Outstation Field Visit for Students

|                           |  |                          |  |
|---------------------------|--|--------------------------|--|
| Project Name / Paper Name |  |                          |  |
| Destination               |  | Travel Mode              |  |
| Departure Month           |  | Return                   |  |
| Faculty-in-Charge         |  | Number of Students going |  |

**N. FDP/Seminar/Workshops/Lectures to be attended and/or to be conducted by Department**

|   |                                   |                 |  |             |
|---|-----------------------------------|-----------------|--|-------------|
| <b>Event Topic</b>  | Bioinformatic tool on SNP         |                 |  |             |
| <b>Type / Nature (FDP/Webinar/Workshop etc.)</b>                        | Lecture and workshop              |                 |  |             |
| <b>Organizing In-charge</b>   |                                   |                 |  |             |
| <b>Details regarding invited Resource Person</b>                        |                                   |                 |  |             |
| <b>Nature of Participation (e.g. Invited Speaker, Participant etc.)</b> | Students of B.Sc ( Hons ) Zoology |                 |  |             |
| <b>Date/s</b>   | II nd week of November            | <b>Timing/s</b> |  | <b>Mode</b> |

## I – Academic Planner

**DD. Teaching Plan ( Year : 2020-2021 Even Semester: Even )**

**Teacher's Name Dr Sanjukta Das Department Zoology**

| Sl. No | UPC          | Paper Name           | Core/AECC/GE/SE C                 | Topic/Unit                          | Start Date | End Date   |
|--------|--------------|----------------------|-----------------------------------|-------------------------------------|------------|------------|
| 1      | 3223160<br>2 | Evolutionary Biology | B.Sc(Hons) ZoologyVI, core Theory | Introduction to Evolutionay Biology | 4.1.2021   | 4.1.2021   |
| 2.     | 3223160<br>2 | Evolutionary Biology | B.Sc(Hons) ZoologyVI, core.----   | Reproductive Isolation              | 5.1.2021   | 8.1.2021   |
|        | 3223160<br>2 | Evolutionary Biology | B.Sc(Hons) ZoologyVI, core        | Speciation                          | 11.1.2021  | 18.1.2021  |
|        | 3223160<br>2 | Evolutionary Biology | B.Sc(Hons) ZoologyVI, core        | H-W equilibrium, Inbreeding         | 19.1.2021  | 19.1.2021  |
|        | 3223160<br>2 | Evolutionary Biology | B.Sc(Hons) ZoologyVI, core        | Natural selection                   | 25.1.2021  | 2.2.2021   |
|        | 3223160<br>2 | Evolutionary Biology | B.Sc(Hons) ZoologyVI, core        | Mutation                            | 8.2.2021   | 8.2.2021   |
|        | 3223160<br>2 | Evolutionary Biology | B.Sc(Hons) ZoologyVI, core        | Migration                           | 9.2.2021   | 9.2.2021   |
|        | 3223160<br>2 | Evolutionary Biology | B.Sc(Hons) ZoologyVI, core        | Mass Extinction& Adaptive radiation | 12.2.2021  | 15.2.2021  |
|        | 3223160<br>2 | Evolutionary Biology | B.Sc(Hons) ZoologyVI, core        | Human Evolution                     | 16.2.2021  | 22.2.2021  |
|        | 3223160<br>2 | Evolutionary Biology | B.Sc(Hons) ZoologyVI, core        | Chemogenesis and RNA world          | 23.2.2021  | 8.3.2021   |
|        | 3223160<br>2 | Evolutionary Biology | B.Sc(Hons) ZoologyVI, core        | Molecular Evidences of Evolution    | 9.3.2021   | .12.3.2021 |

|           |              |                         |                                     |  |           |           |
|-----------|--------------|-------------------------|-------------------------------------|--|-----------|-----------|
|           | 3223160<br>2 | Evolutionary<br>Biology | B.Sc(Hons) ZoologyVI,<br>core       | Phylogeny  | 18.3.2021 | 22.3.2021 |
|           |              | Animal Diversity        | Hons GE1                            | Introduction to Animal Diversity                                   | 4.1.2021  | 4.1.2021  |
|           |              | Animal Diversity        | Hons GE1                            | Characteristics of Birds   | 6.1.2021  | 6.1.2021  |
|           |              | Animal Diversity        | Hons GE1                            | Flight adaptations   | 7.1.2021  | 7.1.2021  |
|           |              | Animal Diversity        | Hons GE1                            | Characteristics of Mammals   | 13.1.2021 | 13.1.2021 |
|           |              | Animal Diversity        | Hons GE1                            | Mammalian Dentition  | 19.1.2021 | 19.1.2021 |
|           |              | Animal Diversity        | Hons GE1                            | Characteristics of fishes  | 27.1.2021 | 27.1.2021 |
|           |              | Animal Diversity        | Hons GE1                            | Osmoregulation in fishes   | 8.2.2021  | 8.2.2021  |
|           |              | Animal Diversity        | Hons GE1                            | Parental care in Amphibia ,  | 16.2.2021 | 16.2.2021 |
|           |              | Animal Diversity        | Hons GE1                            | Characteristics of Reptiles, Poisonous and Non-Poisonous<br>snakes | 17.2.2021 | 17.2.2021 |
|           |              | Animal Diversity        | Hons GE1                            | Primates   | 23.2.2021 | 23.2.2021 |
|           |              | Immunology              | B.Sc( P) Life SciencesVI<br>DSE     | Overview of Immunology   | 6.1.2021  | 6.1.2021  |
|           |              |                         | B.Sc( P) Life SciencesVI<br>DSE     | Cells of Immunity  | 13.1.2021 | 13.1.2021 |
|           |              |                         | B.Sc( P) Life SciencesVI<br>DSE     | Innate immunity,Respiratory bursts and Inflammation                | 27.1.2021 | 27.1.2021 |
|           |              |                         | B.Sc( P) Life SciencesVI<br>DSE     | Lymphoid organs and tissues  | 3.2.2021  | 3.2.2021  |
|           |              |                         | B.Sc( P) Life SciencesVI<br>DSE     | Antigen characteristics, Adjuvants                                 | 10.2.2021 | 10.2.2021 |
|           |              |                         | B.Sc( P) Life SciencesVI<br>DSE     | Epitopes   | 17.2.2021 | 17.2.2021 |
|           |              |                         | B.Sc( P) Life SciencesVI<br>DSE     | Vaccines   | 24.2.2021 | 24.2.2021 |
|           |              |                         | B.Sc( P) Life SciencesVI<br>DSE     | Revision   | 10.3.2021 | 10.3.2021 |
| <b>B.</b> |              | Comp.Anat&De<br>v Biol  | B.Sc(P) Life Sciences II<br>SemCore | Gametogenesis  | 17.5.2021 | 24.3.2021 |

|  |  |  |  |                               |           |           |
|--|--|--|--|-------------------------------|-----------|-----------|
|  |  |  |  | Fertilization                 | 31.5.2021 | 3.6.2021  |
|  |  |  |  | Polyspermy Blocking mechanism | 14.6.2021 | 14.6.2021 |
|  |  |  |  | Types and Pattern of Cleavage | 21.6.2021 | 21.6.2021 |
|  |  |  |  | Morphogenetic Movements       | 24.6.2021 | 24.6.2021 |
|  |  |  |  | Early Development of Human    | 5.7.2021  | 5.7.2021  |
|  |  |  |  | Early Development of Frog     | 15.7.2021 | 15.7.2021 |

**EE. Outstation Field visits for students**

|                                  |  |                                 |  |
|----------------------------------|--|---------------------------------|--|
| <b>Project Name / Paper Name</b> |  |                                 |  |
| <b>Destination</b>               |  | <b>Travel Mode</b>              |  |
| <b>Departure Month</b>           |  | <b>Return</b>                   |  |
| <b>Faculty-in-Charge</b>         |  | <b>Number of Students going</b> |  |

**FF.Internal Assessment: House Exam (Test/Presentation etc.) & Assignment\***

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|--------------------|--------------------|--------------------------|-------------------|---------------------|---|
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**\*Marks of the Internal Assessment to be submitted to the College 15 days before the last working day of every semester**

**GG. Organization of Department/College Society Meetings by Staff Advisor/Convener**

| <b>Department/Society</b> | <b>Meeting Date</b> | <b>Purpose</b> |
|---------------------------|---------------------|----------------|
|                           |                     |                |
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**HH. College Functions**

| <b>College Function</b> | <b>Function Date</b> | <b>Role to be played</b> |
|-------------------------|----------------------|--------------------------|
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