

**SVR GOVERNMENT DEGREE COLLEGE :: NIDADAVOLE**  
**TABLE – A– CURRICULAR PLAN – LECTURER WISE: 2023-24**

**NAME OF THE LECTURER: Dr.T.KUSUMA KUMARI**

**DEPARTMENT: ZOOLOGY CLASS:II BZC YEAR:2023-24 SEMESTER: III PAPER:CELL BIOLOGY,GENETICS , MOLECULAR BIOLOGY AND EVOLUTION**

| SERIAL NUMBER | MONTH & WEEK                      | HOURS AVAILABLE | SYLLABUS TOPIC                                                        | ADDITIONAL INPUT<br>/VALUE<br>ADDITION | CURRICULAR ACTIVITY   |                   |                      |                     | CO CURRICULAR ACTIVITY                    |        |                      |                             |         |
|---------------|-----------------------------------|-----------------|-----------------------------------------------------------------------|----------------------------------------|-----------------------|-------------------|----------------------|---------------------|-------------------------------------------|--------|----------------------|-----------------------------|---------|
|               |                                   |                 |                                                                       |                                        | ACTIVITY              | HOURS<br>ALLOTTED | WHETHER<br>CONDUCTED | IF NOT<br>ALTERNATE | ACTIVITY                                  | HOURS  | WHETHER<br>CONDUCTED | IF NOT<br>ALTERNATE<br>DATE | REMARKS |
| 1             | 2                                 | 3               | 4                                                                     | 5                                      | 6                     | 7                 | 8                    | 9                   | 10                                        | 11     | 12                   | 13                          | 14      |
| 1             | September<br>1 <sup>st</sup> week | 6               | Prokaryotes& eukaryotes                                               | Bacteria                               | Teaching<br>Practical | 3<br>2            |                      |                     | Seminar                                   | 1      |                      |                             |         |
| 2             | September<br>2 <sup>nd</sup> week | 6               | Plasma membrane structure-theories                                    |                                        | Teaching<br>Practical | 3<br>2            |                      |                     | Assignment                                | 1      |                      |                             |         |
| 4             | September<br>3 <sup>rd</sup> week | 6               | cell organelles                                                       | Mitochondria                           | Teaching<br>Practical | 3<br>2            |                      |                     | World<br>Alzheimer's<br>day               | 1      |                      |                             |         |
| 5             | September<br>4 <sup>th</sup> week | 6               | Mendel's Law,Lethal genes<br>Sex determination,Sex linked inheritance |                                        | Teaching<br>Practical | 3<br>2            |                      |                     | Quiz                                      | 1      |                      |                             |         |
| 6             | October<br>1 <sup>st</sup> week   | 6               | Mutations, Chromosomal disorders                                      |                                        | Teaching<br>Practical | 2<br>2            |                      |                     | Seminar<br>World<br>Animal<br>welfare day | 1<br>1 |                      |                             |         |



|    |                                  |   |                                                         |                         |                                 |             |  |                                            |        |  |
|----|----------------------------------|---|---------------------------------------------------------|-------------------------|---------------------------------|-------------|--|--------------------------------------------|--------|--|
| 7  | October<br>2 <sup>nd</sup> week  | 6 | Karyotyping, Central dogma, DNA replication             | Chromosomal aberrations | Teaching<br>Practical<br>I MID  | 2<br>2<br>1 |  | Assignment                                 | 1      |  |
| 8  | October<br>3 <sup>rd</sup> week  |   | Transcription                                           |                         | Teaching<br>Practicals          | 3<br>1      |  | Assignment<br>Linkage/<br>MOU              | 1<br>1 |  |
| 9  | October<br>4 <sup>th</sup> week  | 6 | Transcription                                           |                         | Teaching<br>Practical           | 3<br>2      |  | Animal<br>welfare day                      | 1      |  |
| 10 | November<br>1 <sup>st</sup> week | 6 | Translation                                             |                         | Teaching<br>Practical           | 2<br>2      |  | G.D<br>World<br>Cancer<br>awareness<br>day | 1<br>1 |  |
| 11 | November<br>2 <sup>nd</sup> week | 6 | Evolution-theories.                                     | Lamarckism              | Teaching<br>Practical<br>II MID | 2<br>2<br>1 |  | Quiz                                       | 1      |  |
| 12 | November<br>3 <sup>rd</sup> week | 6 | Hardy Weinberg equilibrium                              | Darwinism               | Teaching<br>Practical           | 3<br>1      |  | Assignment<br>World<br>Fisheries'<br>day   | 1<br>1 |  |
| 13 | November<br>4 <sup>th</sup> week | 6 | Isolation, Genetic drift, Natural selection, Speciation |                         | Teaching<br>Practical           | 3<br>2      |  | Seminar                                    | 1      |  |
| 14 | December<br>1 <sup>st</sup> week | 6 | Revision                                                |                         | Remedial                        | 3<br>2      |  | AIDS day<br>Rally                          | 1      |  |
| 15 | December<br>2 <sup>nd</sup> week | 6 | Revision                                                |                         | Remedial                        | 3<br>2      |  | Guest<br>Lecture                           | 1      |  |



|    |                                  |   |          |          |   |                                      |   |
|----|----------------------------------|---|----------|----------|---|--------------------------------------|---|
| 16 | December<br>3 <sup>rd</sup> Week | 4 | Revision | Remedial | 3 | Clean<br>& Green                     | 1 |
| 17 | December<br>4 <sup>th</sup> week | 4 | Revision | Remedial | 3 | International<br>Biodiversity<br>day |   |

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NATURE OF THE LECTURER  
16/8/23

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SIGNATURE OF THE PRINCIPAL  
SVRK GOVT. DEGREE COLLEGE (M)  
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