

Koyana Education Society's  
Balasaheb Desai College, Patan  
Department of Zoology  
Monthly Teaching Plan-Year-2023-2024  
December- 2023

Name of the Teacher-Mr.D.D.Thorat

| Dates            | Unit                                                      | Sub unit                                                        | Teaching Method Aids |
|------------------|-----------------------------------------------------------|-----------------------------------------------------------------|----------------------|
| <b>B.Sc.-I</b>   |                                                           |                                                                 |                      |
| 02/12/2023       | Unit: 1<br>Genetics<br>Introduction to Genetics           | 1.Mendel's work on transmission of traits,                      | Lecture              |
| 09/12/2023       |                                                           | 2.Genetic Variations,                                           | Lecture              |
| 16/12/2023       |                                                           | 3.Molecular basis of Genetic Information                        | Lecture              |
| 23/12/2023       | 2) Mendelian and post Mendelian Genetics                  | 1.Principles of Inheritance,-Dominance                          | Lecture -Chart       |
| 30/12/2023       |                                                           | Principles of Inheritance,-Segregation                          | Lecture-Chart        |
| <b>B.Sc.-II</b>  |                                                           |                                                                 |                      |
| 4-5/12/2023      | Unit I:<br>Structure and hormones of pituitary gland      | Structure and hormones of pituitary gland                       | Lecture              |
| 11/12/2023       | Unit II: Functional anatomy of female reproductive system | a. Histology of Ovary                                           | Lecture-PPT          |
| 12/12/2023       |                                                           | b. Histology of Oviduct/Fallopian Tube                          | Lecture-PPT          |
| 18/12/2023       |                                                           | c. Histology of Uterus                                          | Lecture-PPT          |
| 19/12/2023       |                                                           | d. Histology of Cervix                                          | Lecture-PPT          |
| 26/12/2023       |                                                           | e. vagina                                                       | Lecture-PPT          |
| <b>B.Sc.-III</b> |                                                           |                                                                 |                      |
| 4-5/12/2023      | Unit 1: Apiculture                                        | 1. Types and casts of honey bee                                 | Lecture-Chart        |
| 7/12/2023        |                                                           | 2. Honey Comb                                                   | Lecture-Model        |
| 9/12/2023        |                                                           | 3. Bee Keeping                                                  |                      |
| 11-12/12/2023    |                                                           | a. Artificial models of bee hive – Newton and Lang troth models | Lecture-Model        |
| 14-16/12/2023    |                                                           | b. Bee keeping Equipment's                                      | Lecture-Model        |
| 18/12/2023       |                                                           | c. Extraction of Honey                                          | Lecture-Model        |
| 19/12/2023       |                                                           | 4. Medicinal Value of Honey                                     | Lecture              |
| 21/12/2023       | Unit 2 : Animal Husbandry                                 | 1. Indigenous and exotic breeds of cattle                       | Lecture-Model        |
| 23/12/2023       |                                                           | 2. Preservation and artificial insemination in cattle           | Lecture              |
| 26/12/2023       |                                                           | 3. Induction of early puberty                                   | Lecture              |
| 28/12/2023       |                                                           | 4. Synchronization of estrus in cattle                          | Lecture              |
| 30/12/2023       |                                                           | 5. Commercial importance of dairy farming                       | Lecture              |

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