Curriculum plan (Odd Semester 2024)

Teacher Name: **Mr. Vikash yadav**

Paper name**: Reproductive Biology and Assisted Reproductive Technologies (ART) Zoo-DSE-13**

Class type: III year( V sem) Practical

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| --- | --- |
| **Date** | **Practical** |
| 13/08/2024 | Study the estrous cycle by examination of the vaginal smear of rats (from liveanimals) |
| 20/08/2024 | Study the estrous cycle by examination of the vaginal smear of rats (from liveanimals) |
| 03/09/2024 | Examination of histological sections from photomicrographs/permanent slides ofrat/human: testis, epididymis, and accessory glands of male reproductive systems. |
| 10/09/2024 | ﻿﻿ Sections of the ovary, fallopian tube, uterus (proliferative and secretory stages),cervix, and vagina. |
| 17/09/2024 | ﻿﻿ Study of ovariectomy and castration. |
| 24/09/2024 | Study of sperm count and sperm motility in rats |
| 15/10/2024 | Study of modern contraceptive devices. |
| 22/10/2024 | Report on the visit to animal culture facility including details about setting up and maintenance of the animal house, breeding techniques, care of normal and experimental animals. |
| **November** | **REVISION and MOCK PRACTICAL TEST** |

Name of teacher

Signature

Curriculum plan (Odd Semester 2024)

Teacher Name: **Mr. Vikash yadav**

Paper name**: Reproductive Biology and Assisted Reproductive Technologies (ART) Zoo-DSE-13**

Class type: III year( V sem) Theory

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| **Unit to be taken** | **Allocated lectures** | **Month wise schedule to be followed** | **Tests/Assignments/****Revision/Presentations etc** |
| **Unit**  **1: Reproductive Endocrinology** | 8 | September  |  Theory |
| **Unit**  **2: Male Reproductive System** |   9 |  October |  Theory  |
| **UNIT -** **3: Female Reproductive System** |  12 | October ,November |   Theory, Assignment/test |
| **Unit**  **4: Fertilization** | 8 |  November | Theory ,Revision,  |
| **Unit- 5 Reproduction** | 8 | December |  Theory ,Revision,  |

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