

DEPARTMENT OF VETERINARY GYNAECOLOGY AND OBSTETRICS
MJF COLLEGE OF VETERINARY AND ANIMAL SCIENCE, CHOMU, JAIPUR

Course Outline for Practical (session: 2020-21)

Teaching Programme

S. No.	DATE	Batch	Topic Covered	Hour (s)
1	27.08.2021		Study of female genital organs using slaughter house specimens: To acquaint with different genital organs, their shape and size for different species.	2
2	03.09.2021		Study of female genital organs using slaughter house specimens: Comparative anatomy of reproductive tract of cow, ewe, sow, mare, bitch and cat.	2
3	10.09.2021		Oestrus Detection Aids- illustration of visual oestral symptoms in cattle and buffalo and oestral symptoms in mare, ewe, doe and bitch.	2
4	17.09.2021		Oestrus Detection Aids- Non Visual Changes during Oestrus including hormonal changes in blood and milk, changes in cervical mucus, changes in blood flow, changes in tonicity, edema of genital organs palpated per rectum	2
5	24.09.2021		Oestrus Detection Aids-Video Tape, Kamar Heat Mount Detectors	2
6	01.10.2021		Oestrus Detection Aids-Marking Tail head of each animal with orange Crayon	2
7	08.10.2021		Oestrus Detection Aids-Chin Ball mating device	2
8	22.10.2021		Oestrus Detection aids-Vaginal Cytology in Bitch	2
9	29.10.2021		Techniques of rectal palpation of Female reproductive tract: Procedure and Precautions	2
10	12.11.2021		Techniques of rectal palpation of Female reproductive tract: Palpation of Cervix, Uterus and ovaries	2
11	26.11.2021		Gynaecological equipments and instruments	2
12	03.12.2021		Vaginal exfoliative cytology and vaginoscopy	2
13	10.12.2021		Ultrasonography of female reproductive tract	2

14	17.12.2021		Ultra-sonography of female reproductive tract: Acquaintance with Principle, different probes and functioning of machine	2
15	24.12.2021		Vaginal exfoliative cytology and vaginoscopy	2
16	31.12.2021		Ultrasonography of female reproductive tract: Its application for pregnancy diagnosis in small and large animals.	2
17	07.01.2022		Surgical procedures on the vulva, vagina and uterus: Ovariohysterectomy, Ovariectomy, Episiotomy, episoplasty.	2
18	14.01.2022		Surgical procedures on the vulva, vagina and uterus: Ovariohysterectomy, Ovariectomy, Episiotomy, episoplasty.	2
19	21.01.2022		Study of pathological specimens of female reproductive tract	2
20	28.01.2022		Demonstration and practice of ovario-hysterectomy and panhysterectomy	2
21	04.02.2022		Diagnostic procedures in investigation of infertility in female animals.	2
22	11.02.2022		Study of Pelvis: Os Coxae, ilium, Ischium and Pubis, Pelvic Cavity and Pelvic Ligaments.	2
23	18.02.2022		Pelvimetry: External (Indirect) and Internal (Direct) Pelvimetry, sacro-pubic, superio-transverse, inferio-transverse, oblique sacro-iliac diameter, vertical diameters	2
24	25.02.2022		Pregnancy diagnosis	2
25	04.03.2022		Identification of normal and abnormal foetal membranes	2
26	11.03.2022		Approaching signs of parturition	2
27	18.03.2022		Stages of parturition	2
28	25.03.2022		Approach to an obstetrical case, restraining, sedation, uterine relaxants, epidural anesthesia, equipment, general and vaginal examination of a cow	2
29	01.04.2022		Obstetrical anaesthesia: Caudal Epidural Anaesthesia	2
30	08.04.2022		Obstetrical instruments and equipments: Used for traction, incising, repulsion-rotation and fetotomy	2
31	15.04.2022		Manipulation of foetal malpresentation in phantom boxes	2
32	22.04.2022		Maternal causes of dystocia and its management	2
33	29.04.2022		Fetotomy in cadavers	2
34	06.05.2022		Demonstration of forceps delivery	2
35	13.05.2022		Caesarean section in small and large animal clinical cases	2
36	20.05.2022		Handling of prolapse of genitalia	2
37	27.05.2022		Study of male genital organs using slaughter house specimens	2
38	03.06.2022		Technique of rectal palpation of male reproductive tract	2
39	10.06.2022		Study of male genital organs using slaughter house specimens	2

40	17.06.2022		Technique of rectal palpation of male reproductive tract	2
41	24.06.2022		Study of male genital organs using slaughter house specimens	2
42	01.07.2022		Andrological and AI Equipment	2
43	08.07.2022		Vasectomy and castration	2
44	15.07.2022		Surgical procedures on penis, prepuce and scrotum	2
45	22.07.2022		Planning and organization of AI centre	2
46	29.07.2022		Preparation of teaser animals	2
47	05.08.2022		Selection, care, training and maintenance of male animal used for breeding purpose	2
48	12.08.2022		Techniques of semen collection	2
49	19.08.2022		Semen evaluation techniques	2
50	26.08.2022		Sterilization, storage of equipment used for semen collection and Artificial insemination	2
51	02.09.2022		Sterilization, storage of equipment used for semen collection and Artificial insemination	2
52	09.09.2022		Preparation of extenders and extension of semen	2
53	16.09.2022		Preparation of extenders and extension of semen	2
54	23.09.2022		Preservation of semen	2
55	30.09.2022		Preservation of semen	2
56	07.10.2022		Preservation of semen	2
57	14.10.2022		Preservation of semen	2
58	21.10.2022		Thawing of semen and technique of AI	2
59	28.10.2022		Handling and maintenance of LN2 containers	2
60	04.11.2022		Diagnostic procedures in investigation of infertility in male animals	2
61	11.11.2022		Diagnostic procedures in investigation of infertility in male animals	2
62	18.11.2022		Diagnostic procedures in investigation of infertility in male animals	2
63	25.11.2022		Breeding soundness evaluation of bulls	2
64	2.12.2022		Breeding soundness evaluation of bulls	2
65	9.12.2022		Breeding soundness evaluation of bulls	2
66	16.12.2022		Breeding soundness evaluation of bulls	2
67	23.12.2022		Oestrus synchronization procedures	2
68	30.12.2022		Oestrus synchronization procedures	2
69	6.1.2023		Multiple Ovulation and Embryo Transfer	2
70	13.1.2023		Multiple Ovulation and Embryo Transfer	2
71	20.1.2023		Multiple Ovulation and Embryo Transfer	2
72	27.1.2023		Multiple Ovulation and Embryo Transfer	2
73	2.2.2023		In Vitro Fertilization	2

74	10.2.2023		In Vitro Fertilization	2
75	17.2.2023		In Vitro Fertilization	2

Head of Department