



Department of Veterinary Pharmacology & Toxicology

File No.1/ACVM/VPT/ 2024-25/

Date: 15/09/2025

THIRD PROFESSIONAL YEAR B.V.Sc & A.H.
PAPER: VETERINARY PHARMACOLOGY AND TOXICOLOGY
LECTURE SCHEDULE 2024-25
CREDIT HOURS : 4+1 COMMENCEMENT OF CLASSES: 9/11/2024

THEORY

S.N	Date	Name of Topics	No. of Lectures	Name of Course Teacher
UNIT-1: GENERAL PHARMACOLOGY				
1	09/11/2024	Introduction, historical development, branches and scope of Pharmacology.	1	Dr. Kamothi Dhaval Jitendra
2	10/11/2024	Sources and nature of drugs.	1	Dr. Kamothi Dhaval Jitendra
3	11/11/2024 23/11/2024 24/11/2024	Pharmacological terms and definitions, nomenclature of drugs. Routes of drug administration. Factors modifying the drug effect and dosage.	3	Dr. Kamothi Dhaval Jitendra
4	30/11/2024 31/11/2024 16/12/2024 17/12/2024	Principles of drug activity: Pharmacokinetics-absorption, distribution, biotransformation and excretion of drugs.	4	Dr. Kamothi Dhaval Jitendra
5	18/12/2024 07/01/2025 08/01/2025 13/01/2025	Pharmacodynamics- Concept of drug and receptor, dose-response relationship, terms related to drug activity	4	Dr. Kamothi Dhaval Jitendra Dr. Govind Pandey
6	15/01/2025	Adverse drug reactions, drug interactions.	1	Dr. Namrata Upadhyay
UNIT-2: DRUGS ACTING ON AUTONOMIC NERVOUS SYSTEM				
7	20/01/2025 21/01/2025	Neurohumoral transmission, Pharmacology of neurotransmitters.	2	Dr. Govind Pandey
8	22/01/2025 23/01/2025 27/01/2025 28/01/2025 29/01/2025	Adrenoceptors agonists and antagonists, adrenergic neuron blockers, cholinergic agonists and antagonists.	5	Dr. Namrata Upadhyay Dr. Kamothi Dhaval Jitendra
9	03/02/2025 04/02/2025	Autacoids: Histamine, histamine analogues and antihistaminic agents.	2	Dr. Kamothi Dhaval Jitendra
10	05/02/2025	5-Hydroxytryptamine and its agonists and antagonists.	1	Dr. Kamothi Dhaval Jitendra
11	06/02/2025 10/02/2025	Eicosanoids and Platelet activating factors.	2	Dr. Kamothi Dhaval Jitendra
12	11/02/2025	Angiotensin, Bradykinin and Kallidin.	1	Dr. Kamothi Dhaval Jitendra
UNIT-3: DRUGS ACTING ON CENTRAL NERVOUS SYSTEM				



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13	13/02/2025	Classification of drugs acting on CNS. History of General Anaesthesia.	1	Dr. Kamothi Dhaval Jitendra
14	17/02/2025 18/02/2025	Mechanism and stages of general anaesthesia.	2	Dr. Kamothi Dhaval Jitendra
15	19/02/2025 20/02/2025 24/02/2025 25/02/2025	Inhalant, intravenous and dissociative anaesthetics.	4	Dr. Kamothi Dhaval Jitendra
16	27/02/2025 03/03/2025 04/03/2025 05/03/2025	Hypnotics and sedatives; psychotropic drugs, anticonvulsants and opioid analgesics.	4	Dr. Kamothi Dhaval Jitendra
17	06/03/2025 10/03/2025 11/03/2025 12/03/2025	Non-steroidal anti-inflammatory drugs, analeptics and other CNS stimulants.	4	Dr. Kamothi Dhaval Jitendra
18	17/03/2025 18/03/2025	Drugs acting on somatic nervous system: Local anaesthetics, muscle relaxants	2	Dr. Kamothi Dhaval Jitendra
19	19/03/2025	Euthanizing agents.	1	Dr. Kamothi Dhaval Jitendra
UNIT-4: DRUGS ACTING ON DIFFERENT BODY SYSTEMS				
20	20/03/2025 24/03/2025 25/03/2025	Drugs acting on digestive system: Stomachics, antacids and antiulcers, prokinetics, carminatives, antizymotics.	3	Dr. Sumedh Dogare
21	26/03/2025 27/03/2025 01/04/2025	Emetics, antiemetics, purgatives, antidiarrhoeals, cholagogues and choleretics.	3	Dr. Kamothi Dhaval Jitendra
22	02/04/2025	Rumen Pharmacology	1	Dr. Sumedh Dogare
23	03/04/2025 07/04/2025	Drugs acting on cardiovascular system: Cardiotonics and cardiac stimulants, Antiarrhythmic drugs	2	Dr. Kamothi Dhaval Jitendra
24	08/04/2025	Vasodilators and antihypertensive agents	1	Dr. Sumedh Dogare
25	09/04/2025	Haematopoietic drugs, Coagulants and anticoagulants.	1	Dr. Kamothi Dhaval Jitendra
26	15/04/2025	Drugs acting on respiratory system: Expectorants and antitussives, respiratory stimulants.	1	Dr. Sumedh Dogare
27	16/04/2025	Bronchodilators and mucolytics.	1	Dr. Kamothi Dhaval Jitendra
28	19/04/2025 21/04/2025	Drugs acting on urogenital system: Diuretics, drugs affecting urinary pH and tubular transport of drugs.	2	Dr. Sumedh Dogare
29	23/04/2025	Ecbolics and Tocolytics.	1	Dr. Kamothi Dhaval Jitendra
30	24/04/2025	Pharmacological basis of fluid therapy.	1	Dr. Sumedh Dogare
31	28/04/2025 01/05/2025	Pharmacotherapeutics of hormones.	2	Dr. Kamothi Dhaval Jitendra
32	03/05/2025	Drugs acting on skin and mucous membranes: Emollients, demulcents and counter irritants.	1	Dr. Sumedh Dogare



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UNIT-5: VETERINARY CHEMOTHERAPY				
33	06/05/2025	Introduction and historical developments of chemotherapy.	1	Dr. Kamothi Dhaval Jitendra
34	07/05/2025 08/05/2025	Antimicrobial agents: Classification, general principles in antimicrobial chemotherapy, antimicrobial resistance, combined antimicrobial therapy.	2	Dr. Sumedh Dogare
35	13/05/2025	Sulphonamides and their combination with diaminopyrimidines	1	Dr. Kamothi Dhaval Jitendra
36	14/05/2025 15/05/2025	Penicillins, cephalosporins, cephamycins and other beta lactams, beta lactamase inhibitors.	2	Dr. Sumedh Dogare
37	17/05/2025 20/05/2025	Aminoglycosides and aminocyclitols.	2	Dr. Kamothi Dhaval Jitendra
38	21/05/2025 22/05/2025	Tetracyclines, Amphenicols (chloramphenicol, thiamphenicol, florfenicol)	2	Dr. Sumedh Dogare
39	24/05/2025 27/05/2025	Macrolides, quinolones and fluoroquinolones	2	Dr. Lakshmi Kant
40	28/05/2025	Polypeptides (polymixins, bacitracin) and glycopeptide antibiotics.	1	Dr. Lakshmi Kant
41	31/05/2025	Miscellaneous agents: Lincosamides, novobiocin, virginiamycin, tiamulin, nitrofurans and methenamine.	1	Dr. Sumedh Dogare
42	03/06/2025	Antitubercular drugs	1	Dr. Lakshmi Kant
43	04/06/2025 05/06/2025	Antifungal agents: Topical and systemic agents including anti-fungal antibiotics	2	Dr. Sumedh Dogare
44	09/06/2025 10/06/2025	Antiviral and anticancer agents	2	Dr. Lakshmi Kant
45	11/06/2025 12/06/2025 17/06/2025	Anthelmintics: Drugs used against nematodes, cestodes, trematodes.	3	Dr. Lakshmi Kant
46	18/06/2025	Antiprotozoal agents: Drugs used in trypanosomosis, theileriosis, babesiosis.	1	Dr. Lakshmi Kant
47	19/06/2025	Drugs used in coccidiosis, amoebiasis, giardiasis and trichomoniasis.	1	Dr. Sumedh Dogare
48	21/06/2025	Ectoparasiticide	1	Dr. Lakshmi Kant
49	24/06/2025	Antiseptics and disinfectants		Dr. Lakshmi Kant
50	25/06/2025	Pharmacology of drugs of abuse in animals	1	Dr. Lakshmi Kant
51	26/06/2025 28/06/2025 01/07/2025	Pharmacology of indigenous medicinal plants: Scientific name, common name, active principles, pharmacological actions and therapeutic uses of Ginger, ocimum, neem, piper longum, withania.	3	Dr. Lakshmi Kant Dr. Sumedh Dogare
52	02/07/2025 03/07/2025	Leptadenia, tinospora, embilica, eucalyptus, glycerrhiza, trichospermum.	2	Dr. Lakshmi Kant
53	07/07/2025	Curcuma, adiantum, butea, aloes, sena,	2	Dr. Lakshmi



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	08/07/2025	rheubarb, catechu etc.		Kant
UNIT-6: VETERINARY TOXICOLOGY				
54	09/07/2025 10/07/2025	General Toxicology: Definitions, history of toxicology, fundamentals and scope of toxicology.	2	Dr. Lakshmi Kant
55	14/07/2025 15/07/2025	Sources and classification of toxicants, factors modifying toxicity.	2	Dr. Lakshmi Kant
56	16/07/2025	General approaches to diagnosis and treatment of poisoning.	1	Dr. Lakshmi Kant
57	17/07/2025	Toxicity caused by metals and non-metals: Arsenic, lead.	1	Dr. Lakshmi Kant
58	21/07/2025 22/07/2025 23/07/2025	Mercury, copper, molybdenum.	3	Dr. Lakshmi Kant
59	24/07/2025 28/07/2025	Selenium, phosphorus, fluoride, chlorate.	2	Dr. Lakshmi Kant
60	29/07/2025	Nitrates or nitrites, common salt and urea.	1	Dr. Lakshmi Kant
61	30/07/2025	Poisonous plants: Cyanogenetic plants, abrus.	1	Dr. Lakshmi Kant
62	31/07/2025	Ipomoea, datura, nux vomica, castor, oxalate producing plants.	1	Dr. Lakshmi Kant
63	04/08/2025	Plants causing thiamine deficiency.	1	Dr. Lakshmi Kant
64	05/08/2025	Plants causing photosensitization and lathyrism, oleander, and cotton.	1	Dr. Lakshmi Kant
65	06/08/2025 07/08/2025 11/08/2025	Toxicity caused by Agrochemicals: Insecticides-Chlorinated hydrocarbons, organophosphates, carbamates.	3	Dr. Lakshmi Kant
66	12/08/2025	Pyrethroids, newer insecticides	1	Dr. Lakshmi Kant
67	13/08/2025	Herbicides, fungicides and rodenticides.	1	Dr. Lakshmi Kant
68	14/08/2025 18/08/2025	Fungal and bacterial toxins: Aflatoxins, rubratoxin, ochratoxin.	2	Dr. Lakshmi Kant
69	19/08/2025	Sporidesmin, citrinin, F-2 toxin, trichothecenes.	1	Dr. Simran Maurya
70	20/08/2025	Ergot, fescue, botulinum toxin and tetanus toxin	1	Dr. Simran Maurya
71	21/08/2025 25/08/2025	Venomous bites and stings: Snake, scorpion, spider, bees and wasp, toad and fishes (puffer fish, shellfish).	2	Dr. Simran Maurya
72	26/08/2025	Toxicity caused by food additives and preservatives.	1	Dr. A.P. Somkuwar
73	27/08/2025	Drug and pesticide residue toxicology.	1	Dr. A.P. Somkuwar
74	28/08/2025	Environmental pollutants: Air and Water pollutants. Concept of radiation hazards.	1	Dr. A.P. Somkuwar
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PRACTICAL BATCH - A

Sl. No.	Date	Name of Topics	No. of Lectures	Name of Course Teacher
UNIT-1: GENERAL PHARMACOLOGY				
1	23/12/2024	Handling and washing of laboratory wares	1	Dr. Govind Pandey
2	01/01/2025	Handling and operation of commonly used laboratory instruments	1	Dr. Kamothi Dhaval Jitendra
3	08/01/2025	Concept of Good laboratory Practices (GLP)	1	Dr. Namrata Upadhyay
4	15/01/2025	Pharmacy appliances	1	Dr. Kamothi Dhaval Jitendra
5	22/01/2025	Principles of compounding and dispensing	1	Dr. Kamothi Dhaval Jitendra
6	29/01/2025	Metrology, system of weights and measures	1	Dr. Kamothi Dhaval Jitendra
7	05/02/2025	Pharmacy calculations	1	Dr. Kamothi Dhaval Jitendra
8	12/02/2025	Pharmaceutical processes	1	Dr. Kamothi Dhaval Jitendra
9	18/02/2025	Pharmaceutical dosage forms	1	Dr. Kamothi Dhaval Jitendra
10	05/03/2025	Prescription writing	1	Dr. Kamothi Dhaval Jitendra
11	12/03/2025	Incompatibilities	1	Dr. Sumedh Dogare
12	19/03/2025	Drug standard and regulations, Custody of Poisons	1	Dr. Kamothi Dhaval Jitendra
13	26/03/2025	Compounding and dispensing of Powder, Ointments	1	Dr. Sumedh Dogare
14	26/03/2025	Compounding and dispensing of mixtures, liniments, lotions, liquors	1	Dr. Kamothi Dhaval Jitendra
15	02/04/2025	Compounding and dispensing of tinctures	1	Dr. Sumedh Dogare
16	02/04/2025	Compounding and dispensing of emulsion and electuaries	1	Dr. Kamothi Dhaval Jitendra
UNIT-2: ANS PHARMACOLOGY				
17	09/04/2025	Preparation of physiological salt solution for isolated tissue preparation	1	Dr. Kamothi Dhaval Jitendra
18	09/04/2025	To demonstrate the effect of various drugs on isolated guinea pig ileum	1	Dr. Sumedh Dogare
19	09/04/2025	To demonstrate the effect of various drugs on isolated rabbit intestine	1	Dr. Kamothi Dhaval Jitendra
20	15/04/2025	To demonstrate the effect of adrenergic drugs on B.P. of dog	1	Dr. Sumedh Dogare



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21	15/04/2025	To demonstrate the effect of autonomic drug on rabbit's eye.	1	Dr. Sumedh Dogare
UNIT-3: CNS PHARMACOLOGY				
22	23/04/2025	Handling of lab animals	1	Dr. Kamothi Dhaval Jitendra
23	23/04/2025	Regulatory guidelines for use of lab animals	1	Dr. Sumedh Dogare
24	07/05/2025	Demonstration of the effect of analgesics	1	Dr. Lakshmi Kant
25	07/05/2025	Demonstration of the effect of CNS stimulants	1	Dr. Sumedh Dogare
26	21/05/2025	Demonstration of the effect of CNS depressants	1	Dr. Kamothi Dhaval Jitendra
27	21/05/2025	Demonstration of the effect of muscle relaxant	1	Dr. Sumedh Dogare
28	28/05/2025	Partition coefficient	1	Dr. Lakshmi Kant
29	28/05/2025	Demonstration of the effect of ether, chloroform and alcohol	1	Dr. Kamothi Dhaval Jitendra
30	04/06/2025	Demonstration of effect of injectable anaesthetics	1	Dr. Sumedh Dogare
31	04/06/2025	Demonstration of the effect of local anaesthetics	1	Dr. Lakshmi Kant
UNIT-4: VETERINARY CHEMOTHERAPY				
32	11/06/2025	Demonstration of chemotherapeutic agents and their dosage forms	1	Dr. Lakshmi Kant
33	25/06/2025	Antibiotic sensitivity test	1	Dr. Sumedh Dogare
UNIT-5: VETERINARY TOXICOLOGY				
34	02/07/2025	Collection, preservation and dispatch of material for toxicological analysis	1	Dr. Lakshmi Kant
35	02/07/2025	General principles for toxicological analysis	1	Dr. Lakshmi Kant
36	09/07/2025	Detection of metals by spot test	1	Dr. Lakshmi Kant
37	09/07/2025	Test for arsenic poisoning	1	Dr. Lakshmi Kant
38	16/07/2025	Test for mercury poisoning	1	Dr. Lakshmi Kant
39	23/07/2025	Test for nitrate and nitrite poisoning	1	Dr. Lakshmi Kant
40	23/07/2025	Test for cyanide poisoning	1	Dr. Lakshmi Kant
41	06/08/2025	Test for detection of plant poisons	1	Dr. Lakshmi Kant
42	06/08/2025	Demonstration of agrochemical toxicity	1	Dr. A.P.



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43	20/08/2025	Antidotal therapy for agrochemical poisoning	1	Dr. Lakshmi Kant
44	20/08/2025	Toxic weeds and plants	1	Dr. Lakshmi Kant
45	27/08/2025	Methods of calculation of lethal dose	1	Dr. A.P. Somkuwar
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PRACTICAL BATCH - B

Sl. No.	Date	Name of Topics	No. of Lectures	Name of Course Teacher
UNIT-1: GENERAL PHARMACOLOGY				
1	23/12/2024	Handling and washing of laboratory wares	1	Dr. Govind Pandey
2	30/12/2025	Handling and operation of commonly used laboratory instruments	1	Dr. Kamothi Dhaval Jitendra
3	13/01/2025	Concept of Good laboratory Practices (GLP)	1	Dr. Namrata Upadhyay
4	20/01/2025	Pharmacy appliances	1	Dr. Kamothi Dhaval Jitendra
5	27/01/2025	Principles of compounding and dispensing	1	Dr. Kamothi Dhaval Jitendra
6	03/02/2025	Metrology, system of weights and measures	1	Dr. Kamothi Dhaval Jitendra
7	10/02/2025	Pharmacy calculations	1	Dr. Kamothi Dhaval Jitendra
8	17/02/2025	Pharmaceutical processes	1	Dr. Kamothi Dhaval Jitendra
9	24/02/2025	Pharmaceutical dosage forms	1	Dr. Kamothi Dhaval Jitendra
10	03/03/2025	Prescription writing	1	Dr. Kamothi Dhaval Jitendra
11	10/03/2025	Incompatibilities	1	Dr. Sumedh Dogare
12	17/03/2025	Drug standard and regulations, Custody of Poisons	1	Dr. Kamothi Dhaval Jitendra
13	24/03/2025	Compounding and dispensing of Powder, Ointments	1	Dr. Sumedh Dogare
14	07/04/2025	Compounding and dispensing of mixtures, liniments, lotions, liquors	1	Dr. Kamothi Dhaval Jitendra
15	21/04/2025	Compounding and dispensing of tinctures	1	Dr. Sumedh Dogare
16	28/04/2025	Compounding and dispensing of emulsion and electuaries	1	Dr. Kamothi Dhaval Jitendra
UNIT-2: ANS PHARMACOLOGY				
17	05/05/2025	Preparation of physiological salt solution for isolated tissue preparation	1	Dr. Kamothi Dhaval Jitendra
18	12/05/2025	To demonstrate the effect of various drugs on isolated guinea pig ileum	1	Dr. Sumedh Dogare
19	19/05/2025	To demonstrate the effect of various drugs on isolated rabbit intestine	1	Dr. Kamothi Dhaval Jitendra
20	26/05/2025	To demonstrate the effect of adrenergic drugs on B.P. of dog	1	Dr. Sumedh Dogare



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21	02/06/2025	To demonstrate the effect of autonomic drug on rabbit's eye.	1	Dr. Sumedh Dogare
UNIT-3: CNS PHARMACOLOGY				
22	09/06/2025	Handling of lab animals	1	Dr. Lakshmi Kant
23	09/06/2025	Regulatory guidelines for use of lab animals	1	Dr. Sumedh Dogare
24	16/06/2025	Demonstration of the effect of analgesics	1	Dr. Lakshmi Kant
25	16/06/2025	Demonstration of the effect of CNS stimulants	1	Dr. Sumedh Dogare
26	23/06/2025	Demonstration of the effect of CNS depressants	1	Dr. Lakshmi Kant
27	23/06/2025	Demonstration of the effect of muscle relaxant	1	Dr. Sumedh Dogare
28	30/06/2025	Partition coefficient	1	Dr. Lakshmi Kant
29	30/06/2025	Demonstration of the effect of ether, chloroform and alcohol	1	Dr. Sumedh Dogare
30	07/07/2025	Demonstration of effect of injectable anaesthetics	1	Dr. Sumedh Dogare
31	07/07/2025	Demonstration of the effect of local anaesthetics	1	Dr. Lakshmi Kant
UNIT-4: VETERINARY CHEMOTHERAPY				
32	14/07/2025	Demonstration of chemotherapeutic agents and their dosage forms	1	Dr. Lakshmi Kant
33	14/07/2025	Antibiotic sensitivity test	1	Dr. Sumedh Dogare
UNIT-5: VETERINARY TOXICOLOGY				
34	21/07/2025	Collection, preservation and dispatch of material for toxicological analysis	1	Dr. Lakshmi Kant
35	21/07/2025	General principles for toxicological analysis	1	Dr. Lakshmi Kant
36	28/07/2025	Detection of metals by spot test	1	Dr. Lakshmi Kant
37	28/07/2025	Test for arsenic poisoning	1	Dr. Lakshmi Kant
38	04/08/2025	Test for mercury poisoning	1	Dr. Lakshmi Kant
39	04/08/2025	Test for nitrate and nitrite poisoning	1	Dr. Lakshmi Kant
40	11/08/2025	Test for cyanide poisoning	1	Dr. Lakshmi Kant
41	11/08/2025	Test for detection of plant poisons	1	Dr. Lakshmi Kant
42	18/08/2025	Demonstration of agrochemical toxicity	1	Dr. A.P.



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43	18/08/2025	Antidotal therapy for agrochemical poisoning	1	Dr. Lakshmi Kant
44	25/08/2025	Toxic weeds and plants	1	Dr. Lakshmi Kant
45	25/08/2025	Methods of calculation of lethal dose	1	Dr. A.P. Somkuwar
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PRACTICAL BATCH -C

Sl. No.	Date	Name of Topics	No. of Lectures	Name of Course Teacher
UNIT-1: GENERAL PHARMACOLOGY				
1	24/12/2024	Handling and washing of laboratory wares	1	Dr. Govind Pandey
2	31/12/2025	Handling and operation of commonly used laboratory instruments	1	Dr. Kamothi Dhaval Jitendra
3	17/01/2025	Concept of Good laboratory Practices (GLP)	1	Dr. Namrata Upadhyay
4	14/01/2025	Pharmacy appliances	1	Dr. Kamothi Dhaval Jitendra
5	21/01/2025	Principles of compounding and dispensing	1	Dr. Kamothi Dhaval Jitendra
6	04/02/2025	Metrology, system of weights and measures	1	Dr. Kamothi Dhaval Jitendra
7	11/02/2025	Pharmacy calculations	1	Dr. Kamothi Dhaval Jitendra
8	28/02/2025	Pharmaceutical processes	1	Dr. Kamothi Dhaval Jitendra
9	04/03/2025	Pharmaceutical dosage forms	1	Dr. Kamothi Dhaval Jitendra
10	11/03/2025	Prescription writing	1	Dr. Kamothi Dhaval Jitendra
11	18/03/2025	Incompatibilities	1	Dr. Sumedh Dogare
12	25/03/2025	Drug standard and regulations, Custody of Poisons	1	Dr. Kamothi Dhaval Jitendra
13	01/04/2025	Compounding and dispensing of Powder, Ointments	1	Dr. Sumedh Dogare
14	08/04/2025	Compounding and dispensing of mixtures, liniments, lotions, liquors	1	Dr. Kamothi Dhaval Jitendra
15	15/04/2025	Compounding and dispensing of tinctures	1	Dr. Sumedh Dogare
16	22/04/2025	Compounding and dispensing of emulsion and electuaries	1	Dr. Kamothi Dhaval Jitendra
UNIT-2: ANS PHARMACOLOGY				
17	06/05/2025	Preparation of physiological salt solution for isolated tissue preparation	1	Dr. Kamothi Dhaval Jitendra
18	13/05/2025	To demonstrate the effect of various drugs on isolated guinea pig ileum	1	Dr. Sumedh Dogare
19	13/05/2025	To demonstrate the effect of various drugs on isolated rabbit intestine	1	Dr. Kamothi Dhaval Jitendra
20	20/05/2025	To demonstrate the effect of adrenergic drugs on B.P. of dog	1	Dr. Sumedh Dogare



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21	20/05/2025	To demonstrate the effect of autonomic drug on rabbit's eye.	1	Dr. Sumedh Dogare
UNIT-3: CNS PHARMACOLOGY				
22	27/05/2025	Handling of lab animals	1	Dr. Kamothi Dhaval Jitendra
23	27/05/2025	Regulatory guidelines for use of lab animals	1	Dr. Sumedh Dogare
24	03/06/2025	Demonstration of the effect of analgesics	1	Dr. Lakshmi Kant
25	03/06/2025	Demonstration of the effect of CNS stimulants	1	Dr. Sumedh Dogare
26	10/06/2025	Demonstration of the effect of CNS depressants	1	Dr. Lakshmi Kant
27	10/06/2025	Demonstration of the effect of muscle relaxant	1	Dr. Sumedh Dogare
28	17/06/2025	Partition coefficient	1	Dr. Lakshmi Kant
29	17/06/2025	Demonstration of the effect of ether, chloroform and alcohol	1	Dr. Lakshmi Kant
30	24/06/2025	Demonstration of effect of injectable anaesthetics	1	Dr. Sumedh Dogare
31	24/06/2025	Demonstration of the effect of local anaesthetics	1	Dr. Sumedh Dogare
UNIT-4: VETERINARY CHEMOTHERAPY				
32	01/07/2025	Demonstration of chemotherapeutic agents and their dosage forms	1	Dr. Lakshmi Kant
33	01/07/2025	Antibiotic sensitivity test	1	Dr. Lakshmi Kant
UNIT-5: VETERINARY TOXICOLOGY				
34	08/07/2025	Collection, preservation and dispatch of material for toxicological analysis	1	Dr. Lakshmi Kant
35	08/07/2025	General principles for toxicological analysis	1	Dr. Lakshmi Kant
36	22/07/2025	Detection of metals by spot test	1	Dr. Lakshmi Kant
37	22/07/2025	Test for arsenic poisoning	1	Dr. Lakshmi Kant
38	29/07/2025	Test for mercury poisoning	1	Dr. Lakshmi Kant
39	29/07/2025	Test for nitrate and nitrite poisoning	1	Dr. Lakshmi Kant
40	05/08/2025	Test for cyanide poisoning	1	Dr. Lakshmi Kant
41	05/08/2025	Test for detection of plant poisons	1	Dr. Lakshmi Kant
42	12/08/2025	Demonstration of agrochemical toxicity	1	Dr. A.P.



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43	12/08/2025	Antidotal therapy for agrochemical poisoning	1	Dr. Lakshmi Kant
44	19/08/2025	Toxic weeds and plants	1	Dr. Lakshmi Kant
45	19/08/2025	Methods of calculation of lethal dose	1	Dr. A.P. Somkuwar
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