

**ORDER**

**Revised:-** The following Courses (ICAR's Restructured and Revised Syllabi of Post-graduate Programmes) will be offered to M. V. Sc. Students for 1<sup>st</sup> Semester, 2022-23.

Course No.	Course Title	Credit	Instructor
<b>VETERINARY PHYSIOLOGY</b>			
VPY 601	Physiology of Digestion	2+1	Dr. P.K. Choudhary/Dr. Pramod Kumar
VPY 602	Cardiovascular and Respiratory Physiology	2+1	Dr. Pramod Kumar/Dr. P.K. Choudhary
VPY 603	Renal Physiology and Body Fluid dynamics	2+1	Dr. P.K. Choudhary/Dr. Pramod Kumar
VPY 604	Haematology	2+1	Dr. Pramod Kumar/Dr. P.K. Choudhary
VPY 605	Growth and Environmental Physiology	2+0	Dr. P.K. Choudhary/Dr. Pramod Kumar
VPY 606	Physiology of Animal Reproduction	2+1	Dr. Pramod Kumar/Dr. P.K. Choudhary
VPY 607	Clinical Physiology	1+1	Dr. P.K. Choudhary/Dr. Pramod Kumar
VPY 608	Neuromuscular Physiology	2+0	Dr. Pramod Kumar/Dr. P.K. Choudhary
VPY 609	Endocrinology of Domestic Animals	2+0	Dr. P.K. Choudhary/Dr. Pramod Kumar
VPY 610	Instrumentation and Research Techniques in Veterinary Physiology	0+2	Dr. Pramod Kumar/Dr. P.K. Choudhary
VPY 611	Physiology of Wild Life	1+0	Dr. P.K. Choudhary/Dr. Pramod Kumar
VPY 612	Masters Seminar	1+0	Dr. Pramod Kumar/Dr. P.K. Choudhary
VPY 613	Masters Research	Variable	Major Advisor
<b>VETERINARY BIOCHEMISTRY</b>			
BCT 601	Biophysical Chemistry	2 + 0	Dr. S.K. Maurya
BCT 602	Biochemistry of Biomolecules	2 + 0	Dr. S.K. Maurya
BCT 603	Enzymology	2 + 1	Dr. S.K. Maurya
BCT 604	Analytical Techniques and Instrumentation in Biochemistry	1 + 1	Dr. S.K. Maurya
BCT 605	Clinical Biochemistry of Animals	2 + 1	Dr. S.K. Maurya
BCT 606	Intermediary Metabolism and Regulation	3 + 0	Dr. S.K. Maurya
BCT 607	Molecular Biochemistry	2 + 1	Dr. S.K. Maurya
BCT 608	Nutritional and Industrial Biochemistry	2 + 0	Dr. S.K. Maurya
BCT 609	Endocrinology and Reproductive Biochemistry	2 + 0	Dr. S.K. Maurya
BCT 610	Biochemistry of Ruminants and Wild Animals	1 + 1	Dr. S.K. Maurya
BCT 611	Introduction to Bioinformatics and Computational Biology	1 + 1	Dr. S.K. Maurya
BCT 612	Master's Seminar	1 + 0	Dr. S.K. Maurya
BCT 613	Master's Research	Variable	Major Advisor
<b>VETERINARY SURGERY AND RADIOLOGY</b>			
VSR 501	Clinical Practice-I*	0+3	Dr. A.K Gangwar/Dr. Kh. Sangeeta Devi
VSR 502	Clinical Practice-II*	0+3	Dr. Kh. Sangeeta/Devi Dr. A.K Gangwar
VSR 503	Principles of Surgery*	2+1	Dr. A.K Gangwar/Dr. Kh. Sangeeta Devi
VSR 504	Anaesthesia And Analgesia*	2+1	Dr. Kh. Sangeeta/Devi Dr. A.K Gangwar
VSR 505	Diagnostic Imaging Techniques*	2+1	Dr. A.K Gangwar/Dr. Kh. Sangeeta Devi
VSR 506	Soft Tissue Surgery	2+1	Dr. Kh. Sangeeta/Devi Dr. A.K Gangwar
VSR 507	Orthopaedic Surgery*	2+1	Dr. A.K Gangwar/Dr. Kh. Sangeeta Devi
VSR 508	Anaesthesia of Zoo. Wild, Exotic and Laboratory Animals	1+1	Dr. Kh. Sangeeta Devi /Dr. A. K. Gangwar
VSR 509	Urogenital Surgery	1+1	Dr. Kh. Sangeeta Devi/Dr. A. K. Gangwar
VSR 510	Ophthalmology	1+1	Dr. A. K. Gangwar/ Dr. Kh. Sangeeta

*h.c. Stat*  
*21/2/23*



VSR 511	Dentistry and Oral Surgery	1+1	Dr. A. K. Gangwar/ Dr. Kh. Sangeeta
VSR 512	Camel Surgery	1+1	Dr. A. K. Gangwar/ Dr. Kh. Sangeeta
VSR 513	Elephant Surgery	1+1	Dr. Kh. Sangeeta Devi /Dr. A. K. Gangwar
VSR 587	Clinical Case Conference	0+1	Dr. A. K. Gangwar/ Dr. Kh. Sangeeta
VSR 588	Special Problem in Radiology	0+2	Dr. Kh. Sangeeta Devi /Dr. A. K. Gangwar
VSR 589	Special Problem in Anaesthesia	0+2	Dr. Kh. Sangeeta Devi /Dr. A. K. Gangwar
VSR 590	Special Problem in Surgery	0+2	Dr. Kh. Sangeeta/Devi Dr. A.K Gangwar
VSR 591	Masters Seminar	1+0	Dr. Kh. Sangeeta/Devi Dr. A.K Gangwar
VSR 599	Masters Research	Variable	Major Advisor

#### ANIMAL NUTRITION

ANN 601*	Nutritional Biochemistry	1+0	Dr. V.K.Singh/Dr. D. Tewari
ANN 602*	Energy and Protein Nutrition	2+0	Dr. D. Tewari/ Dr. V.K.Singh
ANN 603*	Minerals and Vitamin Nutrition and Feed Additives	2+1	Dr. V.K.Singh/Dr. D. Tewari
ANN 604*	Feed and Fodder Technology	1+1	Dr. D. Tewari/ Dr. V.K.Singh
ANN 605*	Ruminant Nutrition	2+1	Dr. V.K.Singh/Dr. D. Tewari
ANN 606*	Non-Ruminant Nutrition	2+1	Dr. D. Tewari/ Dr. V.K.Singh
ANN 607*	Research Methodology in Animal Nutrition	0+2	Dr. V.K.Singh/Dr. D. Tewari
ANN 608	Companion Animal Nutrition	1+0	Dr. V. K. Singh / Dr. D. Tewari
ANN 609	Nutrition of Laboratory, Wild and Zoo Animals	2+1	Dr. V. K. Singh /Dr. D. Tewari
ANN 610	Non-Conventional Feed Resources	1+1	Dr. D. Tewari /Dr. V. K. Singh
ANN 611	Introductory Clinical Nutrition	1+0	Dr. D. Tewari /Dr. V. K. Singh
ANN 612	Rumen Biotechnology	1+0	Dr. V. K. Singh /Dr. D. Tewari
ANN-691	Masters Seminar	1+0	Dr. D. Tewari
ANN-699	Master's Research	Variable	Major Advisor

#### ANIMAL GENETICS AND BREEDING

AGB 601*	Animal Cytogenetics and Immunogenetics I	2+1	Dr. Jaswant Singh/Dr. M.K.Verma
AGB 602*	Molecular Genetics I	2+1	Dr. M.K.Verma/ Dr. Jaswant Singh
AGB 603*	Population and Quantitative Genetics	2+1	Dr. Jaswant Singh/Dr. M.K.Verma
AGB 604*	Selection Method and Breeding System	2+1	Dr. M.K.Verma/ Dr. Jaswant Singh
AGB 605*	Biometrical Genetics I	2+1	Dr. Jaswant Singh/Dr. M.K.Verma
AGB 606	Conservation of Animal Genetics Resources	2+0	Dr. M.K.Verma/ Dr. Jaswant Singh
AGB 607	Cattle and Buffalo Breeding	2+1	Dr. Jaswant Singh/Dr. M.K.Verma
AGB 608	Sheep and Goat Breeding	2+0	Dr. M.K.Verma/ Dr. Jaswant Singh
AGB 609	Poultry Breeding	2+1	Dr. Jaswant Singh/Dr. M.K.Verma
AGB 610*	Laboratory Animal and Rabbit Breeding	2+0	Dr. M.K.Verma/ Dr. Jaswant Singh
AGB 611	Swine Breeding	1+0	Dr. Jaswant Singh / Dr. M. K. Verma
AGB 612	Pet Animal Breeding (Dogs and Cats)	1+0	Dr. M. K. Verma /Dr. Jaswant Singh
AGB 613	Wild Animal Genetics and Breeding	1+0	Dr. Jaswant Singh / Dr. M. K. Verma
AGB 614	Equine Breeding	1+0	Dr. M. K. Verma /Dr. Jaswant Singh
AGB 615	Camel Breeding	1+0	Dr. Jaswant Singh / Dr. M. K. Verma
AGB 616	Yak and Mithun Breeding	1+0	Dr. Jaswant Singh/Dr. M.K.Verma
AGB 617	Statistical Methods in Animal Breeding	2+1	Dr. M. K. Verma /Dr. Jaswant Singh
AGB 691	Seminar	1+0	Dr. M. K. Verma /Dr. Jaswant Singh
AGB 699	Research	Variable	Major Advisor

#### VETERINARY PUBLIC HEALTH & EPIDEMIOLOGY

VPE 501	Concepts in Veterinary Public Health and One Health*	2+0	Dr. Namita Joshi/Dr. Chandra Shekhar
VPE 502	Zoonoses-I*	2+1	Dr. Chandra Shekhar/ Dr. Namita Joshi
VPE 503	Zoonoses-II*	2+1	Dr. Namita Joshi/Dr. Chandra Shekhar
VPE 504	Principles of Epidemiology*	2+1	Dr. Chandra Shekhar/ Dr. Namita Joshi
VPE 505	Hygiene and Safety of Foods of Animal and Aquatic Origin*	2+1	Dr. Namita Joshi/Dr. Chandra Shekhar
VPE 506	Food-borne Infections and Intoxications	2+1	Dr. Chandra Shekhar/ Dr. Namita Joshi



VPE 507	Food Safety Standards, and Regulations	2+1	Dr. Namita Joshi/Dr. Chandra Shekhar
VPE 508	Environmental Hygiene and Safety	2+1	Dr. Chandra Shekhar/ Dr. Namita Joshi
VPE 509	Applied Epidemiology	2+1	Dr. Namita Joshi/Dr. Chandra Shekhar
VPE 510	Biosecurity, Bioterrorism and Disaster Management	2+0	Dr. Chandra Shekhar/ Dr. Namita Joshi
VPE 511	Laboratory Techniques in Veterinary Public Health*	0+3	Dr. Namita Joshi/Dr. Chandra Shekhar
VPE 591	Master's seminar*	0+1	Dr. Chandra Shekhar/ Dr. Namita Joshi
VPE 599	Master's research	Variable	Major Advisor
<b>LIVESTOCK PRODUCTION AND MANAGEMENT</b>			
LPM 601*	Cattle and Buffalo Production Management	2+1	Dr. P. S. Pramanik/Dr. S.S. Chauhan/Dr. A.K. Verma/ Dr. K. D. Singh
LPM 602*	Sheep and Goat Production Management	2+1	Dr. P. S. Pramanik/Dr. S.S. Chauhan /Dr. A.K. Verma/ Dr. K. D. Singh
LPM 603*	Swine Production Management	1+1	Dr. P. S. Pramanik/Dr. S.S. Chauhan /Dr. A.K. Verma/ Dr. K. D. Singh
LPM 604*	Climatology and Livestock Production	1+1	Dr. P. S. Pramanik/Dr. S.S. Chauhan /Dr. A.K. Verma/ Dr. K. D. Singh
LPM 605*	Behaviour and Welfare of Farm Animals	1+1	Dr. P. S. Pramanik/Dr. S.S. Chauhan /Dr. A.K. Verma/ Dr. K. D. Singh
LPM 606*	Equine Production Management	1+1	Dr. P. S. Pramanik/Dr. S.S. Chauhan /Dr. A.K. Verma/ Dr. K. D. Singh
LPM 607*	Companion Animal Production Management	1+1	Dr. P. S. Pramanik/Dr. S.S. Chauhan /Dr. A.K. Verma/ Dr. K. D. Singh
LPM 608	Farm Hygiene and Waste Management	1+1	Dr. P. S. Pramanik/Dr. S.S. Chauhan/Dr. A.K. Verma/ Dr. K. D. Singh
LPM 609	Integrated Livestock Farming Systems	1+1	Dr. P. S. Pramanik/Dr. S.S. Chauhan /Dr. A.K. Verma/ Dr. K. D. Singh
LPM 610	Management and Conservation of Wild and Zoo Animals	1+1	Dr. P. S. Pramanik/Dr. S.S. Chauhan /Dr. A.K. Verma/ Dr. K. D. Singh
LPM 611	Laboratory Animal Production Management	1+1	Dr. P. S. Pramanik/Dr. S.S. Chauhan /Dr. A.K. Verma/ Dr. K. D. Singh
LPM 612	Livestock Business Management	1+1	Dr. P. S. Pramanik/Dr. S.S. Chauhan /Dr. A.K. Verma/ Dr. K. D. Singh
LPM 613	Livestock Farm Machinery Management	0+2	Dr. P. S. Pramanik/Dr. S.S. Chauhan /Dr. A.K. Verma/ Dr. K. D. Singh
LPM 614	Poultry Farm and Hatchery Management	1+1	Dr. P. S. Pramanik/Dr. S.S. Chauhan /Dr. A.K. Verma/ Dr. K. D. Singh
LPM 615	Regional Animal Production Management	1+1	Dr. P. S. Pramanik/Dr. S.S. Chauhan /Dr. A.K. Verma/ Dr. K. D. Singh
LPM 691	Seminar	1+0	Dr. P. S. Pramanik/Dr. S.S. Chauhan /Dr. A.K. Verma/ Dr. K. D. Singh
LPM 699	Research	Variable	Major Advisor
<b>VETERINARY MEDICINE</b>			
VMD-501	Ruminant Medicine - Internal	3+0	Dr. J. P. Singh / Dr. S.V. Singh
VMD 502*	Ruminant Medicine-infectious	3+0	Dr. J.P. Singh/Dr. S.V. Singh
VMD-503	Equine Medicine	2+0	Dr. J. P. Singh / Dr. S.V. Singh
VMD-504	Canine and Feline Medicine - I	2+0	Dr. J. P. Singh / Dr. S.V. Singh
VMD 505*	Canine and Feline Medicine-II	2+0	Dr. S.V. Singh/ Dr. J.P. Singh
VMD-506	Metabolic and endocrine diseases, nutritional deficiency and diseases of mammary gland	2+0	Dr. J. P. Singh / Dr. S.V. Singh
VMD 507	Paediatrics and Geriatrics	2+0	Dr. J.P. Singh/Dr. S.V. Singh
VMD 508	Avian and Swine Medicine	2+0	Dr. S.V. Singh/ Dr. J.P. Singh
VMD 509	Zoo, Wild and Laboratory Animal Medicine	1+0	Dr. J.P. Singh/Dr. S.V. Singh
VMD 510	Toxicology and Forensic Medicine	1+0	Dr. S.V. Singh/ Dr. J.P. Singh



VMD-511	Clinical Diagnostic Techniques	0+2	Dr. S.V. Singh/ Dr. J. P. Singh
VMD 512	Emergency Medicine	0+2	Dr. J.P. Singh/Dr. S.V. Singh
VMD-513	Diagnostics of Veterinary Infections Diseases	0+1	Dr. S.V. Singh/ Dr. J. P. Singh
VMD 514	Oncology and Ethno-veterinary Medicine	1+0	Dr. S.V. Singh/ Dr. J.P. Singh
VMD 515	Animal Disease Investigation and Biosecurity	1+1	Dr. J.P. Singh/Dr. S.V. Singh
VMD 516	Clinical Practice - I	0+3	Dr. S.V. Singh/ Dr. J. P. Singh
VMD 517*	Clinical Practice-II	0+3	Dr. J.P. Singh/Dr. S.V. Singh
VMD 591	Master's Seminar	1+0	Dr. S.V. Singh/ Dr. J. P. Singh
VMD 599	Master's Research	Variable	Major Advisor
<b>VETERINARY PATHOLOGY</b>			
VPL 501	General Pathology	2+1	Dr. D. Niyogi / Dr. K.K. Tripathi
VPL 502	Techniques in Pathology	0+2	Dr. D. Niyogi / Dr. K.K. Tripathi
VPL 503	Animal Oncology	1+1	Dr. D. Niyogi / Dr. K.K. Tripathi
VPL 504	Clinical Pathology	1+1	Dr. D. Niyogi / Dr. K.K. Tripathi
VPL 505	Necropsy Procedures and Interpretation	1+1	Dr. D. Niyogi / Dr. K.K. Tripathi
VPL 506	Necropsy Conference	0+1	Dr. D. Niyogi / Dr. K.K. Tripathi
VPL 507	Systemic Pathology*	2+1	Dr. D. Niyogi/Dr. K.K.Tripathi
VPL 508	Pathology of Infectious Diseases of Domestic Animals*	2+1	Dr. D. Niyogi/Dr. K.K.Tripathi
VPL 509	Toxicopathology	2+1	Dr. K.K.Tripathi/ Dr. D. Niyogi
VPL 510	Avian Pathology*	2+1	Dr. K.K.Tripathi/ Dr. D. Niyogi
VPL 511	Pathology of Wild/ Zoo and Aquatic Animal Diseases	2+1	Dr. K.K.Tripathi/ Dr. D. Niyogi
VPL 512	Pathology of Laboratory Animal Diseases	2+1	Dr. D. Niyogi/Dr. K.K.Tripathi
VPL 591	Master's Seminar*	1+0	Dr. D. Niyogi/Dr. K.K.Tripathi
VPL 599	Master's Research	Variable	Major Advisor
<b>ANIMAL HUSBANDRY EXTENSION EDUCATION</b>			
EXT 601	Development Perspectives of Extension Education	2+1	Dr. H. C. Verma/ Dr. Subodh Kumar
EXT-602	Communication for Livestock development	1+1	Dr. H. C. Verma/ Dr. Subodh Kumar
EXT 603	Diffusion and Adoption of Innovations	2+1	Dr H. C. Verma/ Dr. Subodh Kumar
EXT 604	Programme Planning and Evaluation	1+1	Dr H. C. Verma/ Dr. Subodh Kumar
EXT 605	Research Methodology	2+1	Dr. H.C. Verma/Dr. Subodh Kumar
EXT 606	Social Psychology and Group Dynamics	1+1	Dr. Subodh Kumar/ Dr. H.C. Verma
EXT 607	Livestock Entrepreneurship	1+2	Dr. H.C. Verma/Dr. Subodh Kumar
EXT 608	Human Resource Management in Animal Husbandry Sector	1+1	Dr. H.C. Verma/Dr. Subodh Kumar
EXT 609	Gender Empowerment and Livestock Development	1+0	Dr. Subodh Kumar/ Dr. H.C. Verma
EXT 610	Farm Journalism	1+1	Dr. H.C. Verma/Dr. Subodh Kumar
SSS 600	Statistics for Social Sciences	2+1	Dr. Subodh Kumar/ Dr. H.C. Verma
EXT 611	Masters Seminar	1+0	Dr. Subodh Kumar/ Dr. H.C. Verma
EXT 612	Masters Research	Variable	Major Advisor
<b>VETERINARY PARASITOLOGY</b>			
VPA 501	Platyhelminthes-I	1+1	Dr. Amit Singh/Dr. V. K. Pal
VPA 502	Platyhelminthes-II	1+1	Dr. Amit Singh/Dr. V. K. Pal
VPA 503	Nemathelminthes and Acanthocephala	2+1	Dr. V. K. Pal/ Dr. Amit Singh
VPA 504	Arthropod Parasites	2+1	Dr. Amit Singh/Dr. V. K. Pal
VPA 505	Parasitic Protozoa	2+1	Dr. Amit Singh/Dr. V. K. Pal
VPA 506	Diagnostic Parasitology	0+2	Dr. V. K. Pal/ Dr. Amit Singh
VPA 507	Clinical Parasitology	1+1	Dr. Amit Singh/Dr. V. K. Pal
VPA 508	Management of Parasitic Diseases	1+1	Dr. Amit Singh/Dr. V.K. Pal
VPA 509	Immunoparasitology	2+1	Dr. V.K. Pal/ Dr. Amit Singh
VPA 510	Parasitic Zoonoses	2+0	Dr. Amit Singh/Dr. V.K. Pal
VPA 511	Parasites of Wildlife	1+1	Dr. V.K. Pal/ Dr. Amit Singh
VPA 591	Master's Seminar*	1+0	Dr. V.K. Pal/ Dr. Amit Singh
VPA 599	Master Research	Variable	Major Advisor



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<b>LIVESTOCK PRODUCTS TECHNOLOGY</b>			
LPT 601	Abattoir Practices and Meat Plant Operations	2+1	Dr. S. S. Sengar/ Dr. Ruma Devi
LPT 602	Fresh Meat Technology	1+1	Dr. Ruma Devi/ Dr. S. S. Sengar
LPT 603	Processing and Preservation of Meat	2+1	Dr. S. S. Sengar/ Dr. Ruma Devi
LPT 604	Processing of Milk and Milk Products	1+1	Dr. Ruma Devi/ Dr. S. S. Sengar
LPT 605	Packaging and Marketing of Livestock Products	1+1	Dr. S. S. Sengar/ Dr. Ruma Devi
LPT 606	Microbiology and Quality Control of Livestock Products	1+1	Dr. Ruma Devi/ Dr. S. S. Sengar
LPT 607	Slaughterhouse By-products Technology	1+1	Dr. S. S. Sengar/ Dr. Ruma Devi
LPT 608	In-Plant Training	0+2	Dr. Ruma Devi/ Dr. S. S. Sengar
LPT 609	Egg and Egg Products Technology	1+1	Dr. S.S. Sengar/ Dr. Ruma Devi
LPT 610	Market Milk Processing and Dairy Plant Practices	1+1	Dr. Ruma Devi Dr. S.S. Sengar
LPT 611	Processing and Marketing of Wool	1+1	Dr. S.S. Sengar/ Dr. Ruma Devi
LPT 612	Biotechnology of Foods of Animal Origin	1+1	Dr. Ruma Devi Dr. S.S. Sengar
LPT 613	Fish and Fish Products Technology	1+1	Dr. S.S. Sengar/ Dr. Ruma Devi
LPT 691	Seminar	1+0	Dr. Ruma Devi Dr. S.S. Sengar
LPT 699	Research	Variable	Major Advisor
<b>VETERINARY PHARMACOLOGY &amp; TOXICOLOGY</b>			
VPT 501	Concepts of pharmacology, drug design and development	2+0	Dr. Rishi Kant
VPT 502	Autonomic and Autacoid Pharmacology	2+1	Dr. Rishi Kant
VPT 503	CNS Pharmacology	2+1	Dr. Rishi Kant
VPT 504	Digestive and Respiratory Pharmacology	2+1	Dr. Rishi Kant
VPT 505	Cardiovascular and Urinary System Pharmacology	2+0	Dr. Rishi Kant
VPT 506	Endocrine and Reproductive Pharmacology	2+1	Dr. Rishi Kant
VPT 507	Chemotherapy	2+1	Dr. Rishi Kant
VPT 508	Toxicology of Xenobiotics*	2+1	Dr. Rishi Kant
VPT 509	Toxinology	2+1	Dr. Rishi Kant
VPT 510	Pharmacological Techniques*	0+2	Dr. Rishi Kant
VPT 511	Techniques in Toxicology*	0+2	Dr. Rishi Kant
VPT 512	Ethnopharmacology	1+1	Dr. Rishi Kant
VPT 513	Fundamentals of Pharmacokinetics.	1+1	Dr. Rishi Kant
VPT 591	Master's Seminar*	1+0	Dr. Rishi Kant
VPT 599	Master's Research	Variable	Major Advisor
<b>VETERINARY MICROBIOLOGY</b>			
VMC 501	General Bacteriology*	2+1	Dr. R. P. Diwakar/Dr. Vibha Yadav/Dr. R. K. Joshi
VMC-502	Systemic Veterinary Bacteriology	2+1	Dr. Vibha Yadav/Dr. R. K. Joshi/ Dr. R. P. Diwakar
VMC 503	General Virology*	2+1	Dr. R. P. Diwakar/Dr. Vibha Yadav/Dr. R. K. Joshi
VMC-504	Systemic Veterinary Virology	2+1	Dr. R. K. Joshi/ Dr. R. P. Diwakar /Dr. Vibha Yadav
VMC-505	Principal of Veterinary Immunology	2+1	Dr. Vibha Yadav/ Dr. R. K. Joshi/ Dr. R.P. Diwakar
VMC 506	Veterinary Mycology*	1+1	Dr. R. K. Joshi/ Dr. R. P. Diwakar /Dr. Vibha Yadav
VMC 507	Vaccinology	2+0	Dr. Vibha Yadav/ Dr. R. K. Joshi/ Dr. R.P. Diwakar
VMC 508	Techniques in Microbiology	0+2	Dr. R. K. Joshi/ Dr. R. P. Diwakar /Dr. Vibha Yadav
VMC 509	Techniques in Molecular Microbiology	1+2	Dr. R. K. Joshi/ Dr. R. P. Diwakar /Dr. Vibha Yadav
VMC-510	Molecular Immunology	1+1	Dr. R. K. Joshi/ Dr. Vibha Yadav
VMC 511	Mucosal Immunology	1+0	Dr. R. K. Joshi/ Dr. R. P. Diwakar /Dr. Vibha Yadav
VMC 512	Introduction to Microbial Bio-informatics	1+0	Dr. R. K. Joshi/ Dr. R. P. Diwakar /Dr. Vibha Yadav
VMC 591	Master's Seminar*	1+0	Dr. R. P. Diwakar/ Dr. R. K. Joshi/ Dr. Vibha Yadav
VMC 599	Master's Research	Variable	Major Advisor
<b>VETERINARY GYNAECOLOGY &amp; OBSTETRICS</b>			
VGO 501	General Gynaecology	2+1	Dr. Rabindra Kumar/ Dr. Sushant Srivastava
VGO 502	Female Infertility in Farm Animals	2+1	Dr. Bhoopendra Singh/Dr. Rajesh Kumar



VGO 503	Veterinary Obstetrics	2+1	Dr. Sushant Srivastava/ Dr. Rabindra Kumar
VGO 504	Andrology and Male Infertility	2+1	Dr. Rajesh Kumar/ Dr. Bhoopendra Singh
VGO 505	Semen Preservation and Artificial Insemination	2+1	Dr. Sushant Srivastava/ Dr. Rabindra Kumar
VGO 506	Basics of Reproductive Biotechnology	2+1	Dr. Rabindra Kumar/ Dr. Sushant Srivastava
VGO 507	Clinical Practice-I*	0+3	Dr. Rabindra Kumar/ Dr. Sushant Srivastava
VGO 508	Clinical Practice-II*	0+3	Dr. Bhoopendra Singh/Dr. Rajesh Kumar
VGO 509	Canine and Feline Reproduction	2+1	Dr. Sushant Srivastava/ Dr. Rabindra Kumar
VGO 510	Caprine and Ovine Reproduction	2+1	Dr. Rajesh Kumar/ Dr. Bhoopendra Singh
VGO 511	Equine Reproduction	2+1	Dr. Sushant Srivastava/ Dr. Rabindra Kumar
VGO 512	Camel Reproduction	2+1	Dr. Rabindra Kumar/ Dr. Sushant Srivastava
VGO 513	Elephant Reproduction	2+1	Dr. Bhoopendra Singh/Dr. Rajesh Kumar
VGO 514	Wild and Zoo Animal Reproduction	2+1	Dr. Sushant Srivastava/ Dr. Rabindra Kumar
VGO 515	Porcine Reproduction	2+1	Dr. Rajesh Kumar/ Dr. Bhoopendra Singh
VGO 516	Ultrasonography In Animal Reproduction	1+2	Dr. Sushant Srivastava/ Dr. Rabindra Kumar
VGO 590	Special Problem	0+1	Dr. Bhoopendra Singh/Dr. Rajesh Kumar
VGO 591	Master's Seminar	1+0	Dr. Rajesh Kumar/ Dr. Bhoopendra Singh
VGO 599	Master's Research	Variable	Major Advisor
<b>VETERINARY ANATOMY</b>			
ANA 601	Comparative osteology and arthrology	1+2	Dr. K.N.Singh/Dr. Mukesh Kumar
ANA 602	Comparative splanchnology	2+2	Dr. K.N.Singh/Dr. Mukesh Kumar
ANA 603	Myology, angiology, neurology and aesthesiology of Ox	2+2	Dr. Mukesh Kumar/ Dr. K.N.Singh
ANA 604	Gross, histological and histochemical techniques	1+3	Dr. K.N.Singh/Dr. Mukesh Kumar
ANA 605	Clinical anatomy	0+1	Dr. Mukesh Kumar/ Dr. K.N.Singh
ANA 606	General histology and ultrastructure	1+1	Dr. K.N. Singh/Dr. Mukesh Kumar
ANA 607	Systemic histology and ultrastructure	3+1	Dr. K.N. Singh/Dr. Mukesh Kumar
ANA 608	Developmental anatomy	2+1	Dr. Mukesh Kumar/ Dr. K.N. Singh
ANA 609	Wild life and forensic anatomy	1+0	Dr. K.N. Singh/Dr. Mukesh Kumar
ANA 610	Master's seminar	1+0	Dr. Mukesh Kumar/ Dr. K.N. Singh
ANA 611	Master's research	Variable	Major Advisor
<b>Common Courses for Master's Degree Programme</b>			
PGS-501	Library and Information Services	0+1	Dr. S.K. Maurya/Sri R.K. Bharti
PGS-502	Technical Writing and Communication Skills	0+1	Dr. Sonu Jaiswal/ Dr. Chandra Shekhar
PGS-503	Intellectual Property and Its Management	1+0	Dr. Vijay Kumar Singh/Dr. S.K. Maurya
PGS-504	Basic concepts in laboratory techniques	0+1	Dr. Chandra Shekhar/ Dr. Namita Joshi
PGS-505	Agricultural research, research ethics and rural development programmes	1+0	Dr. Subodh Kumar/Dr. Hukum Chandra Verma

/

Dean

College of Veterinary Science & A.H.

**Academic and Examination Section**

COLLEGE OF VETERINARY SCIENCE AND ANIMAL HUSBANDRY

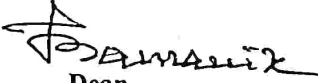
ACHARYA NARENDRA DEVA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, KUMARGANJ, AYODHYA

No. 435/A.N.D.U.A.T.-53/1/Academic/order/2023

Dated: 14/02/23

C.C. to:-

- 1 All HOD / In-charge / Instructor/Advisor.
2. Deans, College of Agri./ Community Sci. / Hort. / Fis. / Biot.
3. Dean Students Welfare, A.N.D.U. A. & T. Kumarganj, Ayodhya.
4. Registrar, A.N.D.U. A. & T. Kumarganj, Ayodhya.
5. Secretary to V.C. for kind information of Hon'able V.C.
6. Nodal officer AUAMS, C.V.Sc. & A.H. for needful action.
7. Head Agriculture Statistics for University Website.
8. All Concerned Students

  
Dean