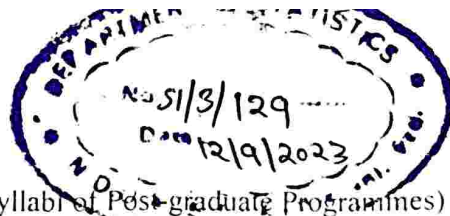


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Revised: The following Courses (ICAR's Restructured and Revised Syllabi of Post-graduate Programmes) will be offered to M. V. Sc. 1st Year Students for IInd Semester, 2022-23.

Course No.	Course Title	Credit	Instructor
VETERINARY BIOCHEMISTRY			
BCT 606	Intermediary Metabolism and Regulation	3 + 0	Dr. S.K. Maurya
BCT 608	Nutritional and Industrial Biochemistry	2 + 0	Dr. S.K. Maurya
BCT 611	Introduction to Bioinformatics and Computational Biology	1 + 1	Dr. S.K. Maurya
VETERINARY SURGERY AND RADIOLOGY			
VSR 501	Clinical Practice-I*	0+3	Dr. A.K Gangwar/Dr. Sonu Jaishwal
VSR 502	Clinical Practice-II*	0+3	Dr. Sonu Jaishwal/ Dr. A.K Gangwar
VSR 503	Principles of Surgery*	2+1	Dr. A.K Gangwar
VSR 504	Anaesthesia And Analgesia*	2+1	Dr. A.K Gangwar
VSR 505	Diagnostic Imaging Techniques*	2+1	Dr. Sonu Jaishwal
VSR 506	Soft Tissue Surgery	2+1	Dr. A.K Gangwar
VSR 507	Orthopaedic Surgery*	2+1	Dr. A.K Gangwar
VSR 508	Anaesthesia of Zoo, Wild, Exotic and Laboratory Animals	1+1	Dr. Sonu Jaishwal
VSR 509	Urogenital Surgery	1+1	Dr. Sonu Jaishwal /Dr. A. K. Gangwar
VSR 510	Ophthalmology	1+1	Dr. A. K. Gangwar
VSR 511	Dentistry and Oral Surgery	1+1	Dr. Sonu Jaishwal
VSR 599	Masters Research	0+3	Major Advisor
VSR 599	Masters Research	0+6	Major Advisor
ANIMAL NUTRITION			
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	Major Advisor
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
VETERINARY PUBLIC HEALTH & EPIDEMIOLOGY			
VPE 501	Concepts in Veterinary Public Health and One Health*	2+0	Dr. Chandra Shekhar/ Dr. Namita Joshi
VPE 502	Zoonoses-I	2+1	Dr. Namita Joshi/Dr. Chandra Shekhar
VPE 506	Hygiene and Safety of Foods of Animal and Aquatic Origine	2+1	Dr. Chandra Shekhar/ Dr. Namita Joshi
VPE 510	Biosecurity, Bioterrorism and Disaster Management	2+0	Dr. Namita Joshi/Dr. Chandra Shekhar
LIVESTOCK PRODUCTION AND MANAGEMENT			
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 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 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
VETERINARY MEDICINE			
VMD 502	Ruminant Medicine-infectious	3+0	Dr. J.P. Singh/Dr. S.V. Singh/Dr. N.K.Singh
VMD-503	Equine Medicine	2+0	Dr. N.K.Singh/Dr. S.V. Singh/ Dr. J.P. Singh
VMD 505	Canine and Feline Medicine-II	2+0	Dr. S.V. Singh/Dr. N.K.Singh /Dr. J.P. Singh
VMD-506	Metabolic and endocrine diseases, nutritional deficiency and diseases of mammary gland	2+0	Dr. S.V. Singh/Dr. J. P. Singh/Dr. N.K.Singh
VMD 507	Paediatrics and Geriatrics	2+0	Dr. J.P. Singh/Dr. S.V. Singh/ Dr. N.K.Singh
VMD 508	Avian and Swine Medicine	2+0	Dr. N.K.Singh/ Dr. J.P. Singh/Dr. S.V. Singh
VMD 517	Clinical Practice-II	0+3	Dr. J.P. Singh/Dr. S.V. Singh/ Dr. N.K.Singh
VMD 591	Master's Seminar	1+0	Dr. S.V. Singh/Dr. J.P. Singh/ Dr. N.K.Singh
VMD 599	Master's Research	0+30	Dr. J.P. Singh/Dr. S.V. Singh/ Dr. N.K.Singh
VETERINARY PATHOLOGY			
VPL 502	Techniques in Pathology	0+2	Dr. D. Niyogi/Dr. K.K. Tripathi
VPL 504	Clinical Pathology	1+1	Dr. D. Niyogi/Dr. K.K. Tripathi
VPL 506	Necropsy Conference	0+1	Dr. D. Niyogi/Dr. K.K. Tripathi
VPL 509	Toxicopathology	2+1	Dr. D. Niyogi/Dr.D.D.Singh/Dr. K.K.Tripathi
VPL 510	Avian Pathology*	2+1	Dr. K.K.Tripathi/Dr. D. Niyogi/Dr. D.D.Singh
VPL 511	Pathology of Wild/ Zoo and Aquatic Animal Diseases	2+1	Dr. D. Niyogi/Dr. D.D.Singh/Dr. K.K.Tripathi
VPL 599	Master's Research	Variable	Major Advisor
ANIMAL HUSBANDRY EXTENSION EDUCATION			
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. Subodh Kumar/ Dr. H.C. Verma
EXT 608	Human Resource Management in Animal Husbandry Sector	1+1	Dr. Subodh Kumar/ Dr. H.C. Verma
EXT 609	Gender Empowerment and Livestock Development	1+0	Dr. H.C. Verma/Dr. Subodh Kumar
VETERINARY PARASITOLOGY			
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 506	Diagnostic Parasitology	0+2	Dr. Amit Singh/Dr. V. K. Pal
LIVESTOCK PRODUCTS TECHNOLOGY			
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
VETERINARY MICROBIOLOGY			
VMC 501	General Bacteriology*	2+1	Dr. Vibha Yadav/Dr. R. K. Verma
VMC 502	Systemic Veterinary Bacteriology	2+1	Dr. Vibha Yadav/Dr. R. K. Joshi
VMC 503	General Virology*	2+1	Dr. R. K. Joshi/Dr. Vibha Yadav
VMC 504	Systemic Veterinary Virology	2+1	Dr. R. K. Joshi/ Dr. R. K. Verma
VMC 505	Principal of Veterinary Immunology	2+1	Dr. Vibha Yadav/ Dr. R. K. Joshi/ Dr. R. K. Verma
VMC 506	Veterinary Mycology*	1+1	Dr. R. K. Joshi/Dr. Vibha Yadav
VMC 507	Vaccinology	2+0	Dr. R. K. Joshi/Dr. Vibha Yadav/Dr. R. K. Verma
VMC 508	Techniques in Microbiology	0+2	Dr. Vibha Yadav/Dr. R. K. Verma/Dr. R. K. Joshi
VMC 509	Techniques in Molecular Microbiology	1+2	Dr. R. K. Joshi
VMC 510	Molecular Immunology	1+1	Dr. R. K. Joshi/Dr. Vibha Yadav/Dr. R. K. Verma
VMC 511	Mucosal Immunology	1+0	Dr. Vibha Yadav
VMC 512	Introduction to Microbial Bio-informatics	1+0	Dr. R. K. Joshi/Dr. Vibha Yadav/Dr. R. K. Verma
VMC 591	Master's Seminar*	1+0	Dr. R. K. Joshi/Dr. Vibha Yadav
VMC 599	Master's Research	Variable	Major Advisor
VETERINARY GYNAECOLOGY & OBSTETRICS			
VGO 503	Veterinary Obstetrics	2+1	Dr. Bhoopendra Singh/Dr. Sushant Srivastava/ Dr. Rajesh Kumar
VGO 504	Andrology and Male Infertility	2+1	Dr. Bhoopendra Singh/Dr. Sushant Srivastava/ Dr. Rajesh Kumar
VGO 505	Semen Preservation and Artificial Insemination	2+1	Dr. Bhoopendra Singh/Dr. Sushant Srivastava/ Dr. Rajesh Kumar
VGO 506	Basics of Reproductive Biotechnology	2+1	Dr. Sushant Srivastava/Dr. Bhoopendra Singh/ Dr. Rajesh Kumar
VGO 508	Clinical Practice-II	0+3	Dr. Sushant Srivastava/Dr. Bhoopendra Singh/ Dr. Rajesh Kumar
VGO 509	Canine and Feline Reproduction	2+1	Dr. Bhoopendra Singh/Dr. Sushant Srivastava/ Dr. Rajesh Kumar
VGO 510	Caprine and Ovine Reproduction	2+1	Dr. Bhoopendra Singh/Dr. Sushant Srivastava/ Dr. Rajesh Kumar
VGO 516	Ultrasonography In Animal Reproduction	1+2	Dr. Sushant Srivastava/Dr. Bhoopendra Singh/ Dr. Rajesh Kumar
VGO 591	Master's Seminar	1+0	Dr. Sushant Srivastava/Dr. Bhoopendra Singh/ Dr. Rajesh Kumar
VGO 599	Master's Research	Variable	Major Advisor
VETERINARY ANATOMY			
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 609	Wild life and forensic anatomy	1+0	Dr. K.N. Singh/Dr. Mukesh Kumar
Common Courses for Master's Degree Programme			
PGS 501	Library and Information Services	0+1	Dr. Subodh Kumar/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
C.V.Sc. & A.H.

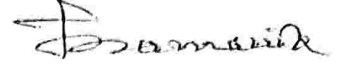
Academic and Examination Section
COLLEGE OF VETERINARY SCIENCE AND ANIMAL HUSBANDRY
ACHARYA NARENDRA DEVA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, KUMARGANJ, AYODHYA

No. 235.../A.N.D.U.A.T.-53/1/Academic/order/2023

Dated: ..06/09/23

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
C.V.Sc. & A.H.