

DEPARTMENT OF ANIMAL NUTRITION



**College of Veterinary Science & A.H.
Acharya Narendra Deva University of
Agriculture & Technology
Kumarganj, Ayodhya-224 229 (U.P.)**

HISTORY

The Department of Animal Nutrition was established in the year 1999 as an independent unit with the opening of College of Veterinary Science & Animal Husbandry, A.N.D.U.A. & T. The importance of animal nutrition for animal health, animal welfare and quality of animal products from the point of nutritional value for humans came to the forefront. Feed is the largest single cost item for livestock and poultry production, accounting for 60-70% of the total cost. Therefore this department was involved in educating the students pursuing Veterinary Science on the subject of Animal Nutrition, leading to the award of undergraduate, postgraduate and doctorate degree.

VISION

Making best of feed through innovative research and human resource development in Animal Nutrition to well nourish the world.

MISION



Identify newer and lesser known feedstuffs



Increase the livestock productivity and reduce environmental pollution



Identify nutrition related diseases and their amelioration



Produce quality Veterinarians for serving the Nation

OBJECTIVES

Education of Veterinary Science students

Need oriented research for livestock and poultry industry

Complete analysis of animal's feed

Hands-on-training for agripreneurs

Farmer's training for better livestock and poultry production

STRENGTH OF DEPARTMENT

- ❖ World class laboratories
- ❖ Vast experienced scientists
- ❖ Skilled technical staffs
- ❖ Regular Hands-on trainings
- ❖ Collaboration with other institutes and feed industry
- ❖ Rs. One Lakh Thirty Thousand Four hundred generated by Feed Analysis



DEPARTMENT INVOLVEMENT

- ✓ Teaching : Undergraduate, Masters and Doctoral
- ✓ Research
- ✓ Extension



UG COURSES

S. No.	Unit	Course Title	Credit Hours
1.	Unit-I	Principles of Animal Nutrition & Feed Technology	3+1
2.	Unit -II	Applied Ruminant Nutrition-I	
3.	Unit -III	Applied Ruminant Nutrition-II	
4.	Unit -IV	Applied Non-ruminant Nutrition	

PG COURSES

S. No.	Course Code	Course Title	Credit Hours
1.	ANN 601	Nutritional Biochemistry	1+0
2.	ANN 602	Energy and Protein Nutrition	2+0
3.	ANN 603	Mineral and Vitamin Nutrition and Feed Additives	2+1
4.	ANN 604	Feed and Fodder Technology	1+1

5.	ANN 605	Ruminant Nutrition	2+1
6.	ANN 606	Non-ruminant Nutrition	2+1
7.	ANN 607	Research Methodology in Animal Nutrition	0+2
8.	ANN 608	Companion Animal Nutrition	1+0
9.	ANN 609	Nutrition of Laboratory, Wild and Zoo Animals	2+1
10	ANN 610	Non-conventional Feed Resources	1+1
11	ANN 611	Introductory Clinical Nutrition	1+0
12	ANN 612	Rumen Biotechnology	1+0
13	ANN 691	Seminar	1+0
14	ANN 699	Research	30

Ph.D. COURSES

S. No.	Course Code	Course Title	Credit Hours
1.	ANN 701	Modern Concepts in Feeding of Ruminants	2+0
2.	ANN 702	Forages in Animal Nutrition	1+0
3.	ANN 703	Recent Concepts in Feeding of Non-ruminants	1+0
4.	ANN 704	Advances in Rumen Metabolism	1+1
5.	ANN 705	Advances in Mineral and Vitamin Nutrition	2+0
6.	ANN 706	Advanced Clinical Nutrition	1+1
7.	ANN 707	Advanced Techniques in Nutritional Research	1+1
8.	ANN 708	Advances in Feed Technology	1+0
9.	ANN 709	Toxicants and Anti-metabolites in Animal Nutrition	1+0
10	ANN 710	Nutrigenomics in Animal Nutrition	1+0
11	ANN 711	Equine Nutrition	1+0
12	ANN 791	Seminar-I	1+0
13	ANN 792	Seminar-II	1+0
14	ANN 799	Research	75

VALUE ADDED COURSE

- ❖ Fundamentals of Food and Feed Analysis

FACULTY

Dr. V. K. Singh Ph.D. vk Singhnduat@gmail.com
Professor & Head



Dr. Dharmesh Tewari Ph.D. dharmesh.tewari@rediff.com
Assistant Professor

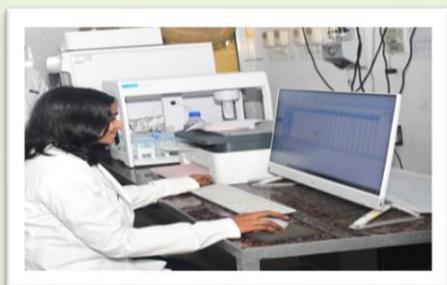


Dr. Sachin Gautam M.V.S c. dr.sachinvets2010@gmail.com
Assistant Professor



RESEARCH AREA

- Supplementation of Phytobiotic mixture in poultry
- Mineral profile of soil, feed and animal of Ayodhya
- Supplementation of vitamin and amino acid in poultry diet

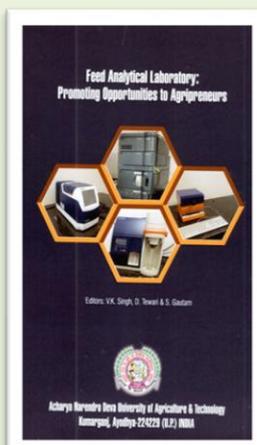


PROJECT

Establishment of Feed Analysis and Quality Control Laboratory of Rs 290.00 lakhs funded by Rashtriya Krishi Vikas Yojana (RKVY), Uttar Pradesh

PUBLICATIONS

Research Article	43
Technical/Popular Article	38
Abstract	150
Manuals	06
Books	04
Chapters in book	14



EXTENSION

- ✓ Workshop on Nutritional challenges and strategies for sustainable animal production and health in eastern plain zone.
- ✓ Trainings for Government Veterinary officers subject Matter Specialist, Livestock Extension Officer, progressive farmers
- ✓ Web-workshop on SWOT Analysis for Sustainable Livestock Production.



FACULTY SERVING IN NATIONAL-INTERNATIONAL COMMITTEES & SOCIETIES

- Nominated member of Institutional Ethical Committee by Committee for Control and Supervision of Experiments on Animals(CPCSA)
- Executive member of Animal Nutrition Association, India
- Executive member of Animal Nutrition Society of India

MEMBERSHIP OF NATIONAL/INTERNATIONAL COMMITTEE OR EDITORIAL BOARD

- ▶ Lifetime membership of Animal Nutrition Association, India
- ▶ Lifetime membership of Animal Nutrition Society of India

AWARDS

Outstanding Achievements/Awards/Recognition Received by Faculty Members

- ▶ Fellow Award
- ▶ SK Talpatra Award
- ▶ Young Scientist Award
- ▶ IAEC member of Universities
- ▶ Executive member of National Societies

