

# FACULTY PROFILE

**DR. AJIT KUMAR**

**Assistant Professor, Animal Nutrition**

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**Date of Joining:** 10/10/2014

**Discipline and Specialization:** Animal Nutrition

## EDUCATIONAL QUALIFICATIONS

Examination	Year of Passing	Board/University	% of Marks	Division	Specialization
Ph.D	2014	Indian Veterinary Research Institute, Izatnagar	84.52	First	Animal Nutrition
M.V.Sc	2010	Indian Veterinary Research Institute, Izatnagar	80.90	First	Animal Nutrition
B.V.Sc & AH	2008	G. B. Pant University of Agriculture & Technology, Pantnagar	76.26	First	Veterinary Science

## ACHIEVEMENTS & AWARDS

- Awarded VCI fellowship in BVSc & AH.
- Awarded ICAR-Junior Research Fellowship in MVSc.
- Awarded CSIR-Senior Research Fellowship in Ph.D.
- Topper (1<sup>st</sup> rank) in MVSc, IVRI, Izatnagar.
- 1<sup>st</sup> rank in All India PhD entrance exam of IVRI, 2010.
- Qualified Agriculture Scientist Recruitment Board (ICAR) NET, 2010
- Member of Board of Studies (BOS), Animal Nutrition Division, IVRI, 2012-13
- **Model or prototype** developed for early detection of illness in goats and relevant paper accepted for publication in Pakistan Veterinary Journal (International Impact factor 1.365)

## PRACTICAL TRAINING:

- Poultry Production & Management (Feb,06-Apr,06)
- Swine Rearing & Management (Jan,07-Dec,07)
- Training Program in **National Institute of Animal Welfare**, Ballabgarh
- NSS B & C Certificate
- NCC B & C Certificate

## EXTRA-CURRICULAR ACTIVITIES:

- President of Student Council, Animal Nutrition Division, IVRI, Izatnagar (2012-13)
- Winner (2010) & Runner (2005,2008) in All India Veterinary Table-Tennis Competition

- Vice-President of Kaizen-Vet Society, Pantnagar (2006-08)
- General Secretary of Pant Bhawan, Pantnagar (2006-07)

## PROFESSIONAL MEMBERSHIPS

- Animal Nutrition Association
- Animal Nutrition Society of India

## LIST OF PUBLICATIONS

### 1. Scientific Papers (Full Length Research Papers)

- Kumar, A.**, Pattanaik, A.K., Baliyan, S., Jadhav, S.E., Dutta, N., Patel, B.H.M. 2013. Behavioral and metabolic response to a low dose administration of bacterial endotoxin for early detection of illness in goats. *Pakistan Veterinary Journal*, 34(3): 297-300.
- Kumar, A.**, Bhar, R., Mandal, A.B., Ojha, B.K., Baliyan, S., Shrivastava, S. and Goswami, T.K. 2012. Effect of feeding lysine supplemented low protein diet on growth performance, nutrient utilization and immunity in growing landrace crossbred pigs. *Animal Nutrition and Feed Technology*, 12: 383-393.
- Kumar, A.**, Bhar, R., Mandal, A.B. and Mendiratta, S.K. 2012. Effect of low protein diets and lysine supplementation on growth performance and carcass characteristics of growing pigs. *African Journal of Biotechnology*, 11(57): 12128-12134.
- Choubey, M., Pattanaik, A.K., Baliyan, S., **Kumar Ajit**, Kumar Avneesh, Dutta Narayan, Jadhav, S.E and Sharma, K. 2014. Effect of a composite phytochemical feed additive on in vitro substrate degradation and methanogenesis and in vivo rumen fermentation. *Animal Nutrition and Feed Technology*, 14: 523-534.
- Ojha, B.K., Singh, P., Verma, A.K., Chaturvedi, V.B. and **Kumar Ajit** 2013. Effect of feeding of deoiled mahua seed cake and guar meal on blood biochemicals, immune response and urinary purine derivatives in crossbred calves. *Animal Nutrition and Feed Technology*, 13: 69-78

### 2. Popular Articles

- Mahipal Choubey and **Ajit Kumar**, 2012. Nutritional Interventions to combat stress in dairy animals. *Vetscan*, 7(1): 19
- Gupta, S., **Kumar A.** and Subhash Chandra, 2013. Designer eggs as functional food "Importance and Significance". *Beverage and Food World*, 40(9): 55-56
- Ojha, B.K., Mahipal Choubey, Sunil Kumar and **Ajit Kumar**, 2013. Heat production and nutritional strategies to reduce it for optimum livestock production. *Livestock Line*, 7(5): 18-21.

### 3. Books/Manuals/Monographs

- Pattanaik, A.K. and **Ajit Kumar**. 2012. Liver Function Test: Estimation of Alkaline Phosphatase and Transaminases. *Environmental pollution and livestock production*, Centre of Advanced Faculty Training in Animal Nutrition, Izatnagar. (Practical/Training Manual)
- Pattanaik, A.K., **Ajit Kumar** and Jadhav, S.E. 2013. Oxidative stress, Nutrition and Animal Health. *Clinical Nutrition- Approaches for health and productivity of farm animals*, Centre of Advanced Faculty Training in Animal Nutrition, Izatnagar. (Practical/Training Manual)
- Shrikant Katole, Ravindra Jadhav, Prarabdh Badgujar, Khurana, K.L. and **Ajit Kumar**. Diagnostic approach to the infection of mammary glands- An Overview, *Animal Science Reviews Volume 1*, Satish Serial Publishing House, Delhi. (Book Chapter)

## PAPER PRESENTATIONS

- Ajit Kumar**, Ojha, B.K., Bhar, R., Mandal, A.B., Goswami, T.K. 2010. Effect of Feeding Low Protein Lysine Supplemented Diets on Immunity and Certain Blood Parameters in Growing Pigs. In: *Proceedings of 7<sup>th</sup> Biennial Animal Nutrition Association Conference*, December 17-19, 2010, Bhubaneswar, India, p. 35.
- Ajit Kumar**, Bhar, R., Mandal, A.B., 2010. Response of Growing Pigs to Low Protein Diet Supplemented with Lysine on Growth Performance and Nutrient Utilization. In: *Proceedings of*

7<sup>th</sup> Biennial Animal Nutrition Association Conference, December 17-19, 2010, Bhubaneswar, **India**, p. 201.

- c. Pattanaik, A.K., **Ajit Kumar**, Baliyan, S., Narayan Dutta, Avneesh Kumar and Jadhav, S.E. 2012. Effect of source of cereal on the response to probiotic supplementation in Labrador dogs reared on homemade diets. In: *Proceedings of VIII Biennial Animal Nutrition Association Conference*, Nov 28-30, 2012, Bikaner, **India**, p. 253.
- d. Pattanaik, A.K., **Kumar, A.**, Baliyan, S., Kumar, A. and Jadhav, S.E. 2013. Effect of dietary protein matrix in home-cooked diets on the response to probiotics supplementation by Labrador dogs. *The Waltham International nutritional science symposium*, October 1-4, 2013, Portland, Oregon, **USA**.