

Dr. Shrikant Kulkarni



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Department Veterinary Physiology and Biochemistry

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Fields(s) of specialization Veterinary Physiology

Current Projects

Project title	Role in the project	Fund outlay	Funding agency
Developmental Potency of <i>In Vitro</i> Fertilized Early Stage Goat Embryos cultured in media supplemented with different antioxidants (DR/KVAFSU/SRP/pre & Para Clin-12/2016-17)	Principal Investigator	50,000/-	KVAFSU
Movement of Veterinary Graduates in	Co-Principal	4.01 Lakhs	ICAR

Southern India- A career path analysis	Investigator		
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Completed Projects

Project title	Role in the project	Fund outlay	Funding agency
Comparative study to ascertain draftability of Deoni and Deoni X HF crossbred cattle	Co-Principal Investigator	24,88,400/-	ICAR
Studies on normal hematological and blood biochemical profile of Deoni cattle	Principal Investigator	20,000/-	KVAFSU
Early nutrition for Chicks: AV/NNC/17 & its impact on growth and performance in broilers	Co-Principal Investigator	48,257/-	Ayurvet Ltd
Studies on antimicrobial peptides isolated from mastitic milk of buffaloes	Principal Investigator	30,000/-	KVAFSU
Comparative efficacy of herbal and synthetic antistressor products ameliorating heat stress by assessing growth, performance and immunity parameters in layers	Co-Principal Investigator	1,00,500/-	Ayurvet Ltd
Effect of age, sex and season on hematological and biochemical profile in Kenguri sheep	Co-Principal Investigator	30,000/-	KVAFSU
Parthenogenetic activation of buffalo oocytes: effect of different activation protocols	Co-Principal Investigator	80,000/-	KVAFSU
Comparative efficacy of herbal products supplementation in improving growth, performance and carcass quality in broilers	Co-Principal Investigator	68,900/-	Ayurvet Ltd
Efficacy evaluation of some herbal products on growth and immunity parameters in broilers	Co-Principal Investigator	83,200/-	Ayurvet Ltd
Effects of heat stress on insulin, heat shock proteins (HSP 70), milk yield and somatic cell score in lactating Deoni cows	Principal Investigator	40,000/-	KVAFSU

Proposed research programmes

Recent Research Publications (2017 onwards)

Sl No	Name of Author (s) in order	year	Title of the paper	Name of the journal (Vol. No., issue no & page no)
1	Vinay PT, Ravindra B G, Vijay Kumar M, Sunilchandra U, and Shrikant Kulkarni	2017	Effect of Enrofloxacin on Hematological and Biochemical parameters in Dogs	<i>The Pharma Innovation Journal</i> :6(2):167-168
2	Sangamesh, M M Appannavar, H M Yathish, Vaishali	2017	Variation in growth hormone gene and its association with	<i>Ruminant Science</i> :6(1):79-83

	Hiremath, Shrikant Kulkarni , B Ramachandra and M D Suranagi		growth traits in Osmanabadi goat	
3	Aditya, Ashok Pawar, K M Gadre, Girish Halemani, Shrikant Kulkarni and U S Biradar	2017	Comparative Morphometry and Histomorphological Study on Superficial Lymphnodes of Head Region in Deccani Sheep (<i>Ovis aries</i>) and Bidri Goat (<i>Capra hircus</i>)	<i>Indian Journal of Natural Sciences: 7 (142): 12299-12304</i>
4	Chandrashekhar, Shrikant Kulkarni , Sathisha, K. B, Srinivas Reddy Bellur, Vinay, P. Tikare, I. J. Reddy, S. M. Kartikesh	2017	Seasonal Effects on Serum Biochemical and Hormonal Profile in Deoni Crossbred Cow	<i>Bulletin of Environment, Pharmacology and Life Sciences : 6 (12):59-62</i>
5	Prithviraj. Shrikant Kulkarni , N. M. Soren, Sathisha K B, Srinivas Reddy Bellur, Prashant Bellundagi and Ramachandra B	2018	Effect Supplementation of Monensin Sodium on Rumen Metabolism and Milk Yield in Early Lactating Buffalo (<i>Bubalus Bubalus</i>).	<i>The Indian Journal of Veterinary Sciences & Biotechnology :14(2):34-38</i>
6	Prithviraj. Shrikant Kulkarni , Sathisha K B, Srinivas Reddy Bellur, Vivek R Kasaralika and Kartikesh S M	2019	Effect of Monensin Supplementation on Serum Biochemical and Liver Specific Enzymes in Early Lactating Buffalo (<i>Bubalus Bubalus</i>).	<i>International Journal of Livestock Research: 9 (6): 198-203</i>

Honours & Awards

S. No.	Particulars of Medals/ Awards/ Recognitions	Awarding Institute/ University	Year	Individual/ Jointly
1	Pfizer Veterinary Award	Pfizer Pvt Ltd, Mumbai	1998	Individual
2	University Gold Medal for First Rank in B.V.Sc&A.H.	University of Agricultural Sciences, Dharwad	1999	Individual
3	ICAR Senior Research Fellowship	ICAR, New Delhi	2003	Individual
4	Dr. J.N.Pandey Memorial Award	Society of Animal Physiologists of India	2005	Individual
5	Best Student Award for securing	IVRI, Izatnagar,	2007	Individual

	First Rank in Ph.D	Bareilly		
6	P K Dwarikanath Memorial Young Scientist Award	Society of Animal Physiologists of India	2009	Individual
7	Dr. G.Rajeshwar Rao Memorial Award	Indian Association of Veterinary Anatomists	2009	Jointly
8	Dr. D S Grover Memorial Award	Indian Association of Veterinary Anatomists	2010	Jointly
9	Certificate of Merit	KVAFSU, Bidar	2010	Individual
10	1 st Prize for Oral Presentation	Indian Society for Veterinary Medicine	2014	Jointly
11	Anesthesiology session award	Indian Society for Veterinary Surgery	2014	Jointly
12	Best Poster Presentation Award	Indian Society for Veterinary Medicine	2016	Jointly
13	Dr. D. N. Mullick Award	Society of Animal Physiologists of India	2016	Individual
14	Best Poster Presentation Award	Indian Society for Veterinary Medicine	2017	Jointly
15	Prof. M N Razdan Memorial Mid Career Award	Society of Animal Physiologists of India	2018	Individual

Others Achievements

1. Three months international training on “Nutraceuticals” at Pennsylvania State University, USA from 10.12.2010 to 09.03.2011 under HRD programme of National Agricultural Innovation Project (Component-1) of Indian Council of Agricultural Research, New Delhi.
2. Acting as Joint Secretary (South Zone) of Society of Animal Physiologists of India from 2016