

ARUN KHARATE



VETERINARY COLLEGE, BIDAR

DEPARTMENT OF VETERINARY PUBLIC HEALTH AND EPIDEMIOLOGY

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Fields(s) of specialization: Bacteriology, Virology and Antimicrobial Resistance

Current Projects

Project title	Role in the project	Fund outlay	Funding agency
Detection and quantification of antibiotic residues in chicken meat using microbiological and HPLC assays from Bidar district	Principal Investigator	50,000/-	KVAFSU, Bidar
Isolation and molecular characterization of Extended Spectrum Betalactamase producing <i>E.coli</i> from foods of animal origin.	Principal Investigator	50,000/-	KVAFSU, Bidar

Completed Projects

Project title	Role in the project	Fund outlay	Funding agency
Detection of Adulterants in Market Milk of Bidar District	Principal Investigator	50,000/-	KVAFSU, Bidar
Epidemiological Study on shedding pattern of <i>E. coli</i> O157:H7 in Deoni vis a vis exotic cattle breed	Co-Principal Investigator	50,000/-	KVAFSU, Bidar

Proposed research programmes - Nil

Recent Research Publications

1. **A. Kharate**, H.K. Panda, S.K. Panda and N. Sahoo. Feline Panleukopenia in wild felines of Nandankanan Zoological Park, Odisha, India. 2015. Indian J. Vet. Pathol., **39**(2) : 132-135
2. R. G. Sarvadnya, R. D. Kokane, **Arun Kharate**, A. Dange, Y. P. Gadekar, P. S. Girish and S. Y. Mukartal. A study on the shelf life of the spent hen meat puffed product (shpp) stored at ambient temperature. 2018. J. Exp. Zool. India Vol. 21, No. 2, pp. 1235-1240
3. Aditya, K. M. Gadre, Ashok Pawar, **Arun Kharate** and S. Y. Mukartal. 2018. Comparative morphometry and histomorphological study on superficial lymph nodes of forelimb and hindlimb in deccani sheep (*Ovis aries*) and bidri goat (*Capra hircus*) J. Exp. Zool. India Vol. 21, No. 2, pp. 1159-1161
4. **Arun Kharate**, Basavaraj Awati, N. A. Patil, B. Ravindra, Jagannath Rao, T. Vinay, K. C. Mallinath, U. Prahlad, H. Mumtaz, P. Suryakanth, D. Lina, K. Kavita, Ashok Bhosle and L. Gopala. Phenotypic characterization of esbl escherichia coli in poultry from north-eastern region of Karnataka, J. Exp. Zool. India Vol. **22**, No. 1, pp. 435-440
5. Dhote Lina, **Arun Kharate** and Basavaraj Awati. Estimation of microbial air contamination of livestock farms and hospitals in veterinary college Bidar, India, 2019. Journal of Entomology and Zoology Studies; **7**(2): 413-416
6. Dhote Lina, **Arun Kharate**, Basavaraj Awati and Saste Ashwini (2019). A study on Physicochemical and Microbiological Evaluation of Tap Water of Bidar District, India, Int.J.Curr.Microbiol.App.Sci, **8**(4): 290-295

Honours & Awards

1. Best poster presentation award presented in the Indian Association of Veterinary Microbiologists, Immunologists and Specialists in Infectious Diseases and Organizing Committee, in XXV Annual Convention and International Conference of IAVMI on 'Energizing Animal Health for Better Livestock Production under WTO regime at Bangalore from 9th to 11th June, 2011.
2. International Research Conference Certificate of Best Presentation Award ICVSMP 2018: 20th International Conference on Veterinary Science, Medicine and Pathology for the research paper entitled Prevalence, Isolation and Identification of Feline Panleukopaenia Virus from Wild Felids in Nandankanan Zoo, Odisha at Bangkok, Thailand on January, 18-19, 2018.

Others Achievements (less than 200 words)

1. Attended 20th International Conference on Veterinary Science, Medicine and Pathology and presented research paper entitled Prevalence, Isolation and Identification of Feline Panleukopaenia Virus from Wild Felids in Nandankanan Zoo, Odisha at Bangkok, Thailand on January, 18-19, 2018.