

Veterinary and Animal Science

Animal and Veterinary Science has a vast scope for studies. Animal Science, being a multi disciplinary field includes Animal Genetics, Breeding and Bioinformatics; Animal Nutrition, Feeds and Feeding; Animal Behaviour, Welfare and Ethics; Livestock Production and Management; and Food Safety and Microbiology. The Veterinary Science includes Veterinary Physiology, Reproduction and Endocrinology; Veterinary Surgery and Clinical Sciences; Veterinary Epidemiology and Public Health; Veterinary Pathology, Immunology, Virology and Pharmacology; and Veterinary and Animal Science Education.

In India under the Indian Council of Agricultural Research, there are 19 Veterinary and Animal Sciences Universities, 15 National Institutes and Research Centres that are specialised in a focused area, and many Colleges and Universities across the States that offer courses in Veterinary and Animal Science.

India is in dire need of Universities and Research centres that meet International standards. Central and State government need to emphasise and upgrade these fields so that they may produce eminent Scientists, Veterinarians, producers and animal welfare. This can happen by upgrading infrastructure, lab, library, expanding faculty and injecting funds in research and scholarship to the students. India needs more professional education in animal and veterinary science to prepare students for careers in areas such as animal breeding, food and fibre production, nutrition, animal agribusiness, animal behaviour and welfare.

Producing international quality research papers, and upgrading and developing innovative technologies in these sectors could enable India to compete in the International market to support production enhancement, profitability, and sustainability of the livestock sector.

Within ICAR-DKMA, *Indian Farming* publish articles on Animal Sciences from time to time and the *The Indian Journal of Animal Sciences* is published every month, which is a flagship research journal of ICAR having worldwide readership. July publication has many interesting articles on management viz. dystocia; stray cattle management; bull station and semen production; pig farming; African Swine fever; native breed of Kashmir, such as Koshur goat, Gurez sheep and Kashmir Merino; micro livestock; waste to wealth in dairying; livestock management during flood; livestock during COVID-19; and A1 and A2 milk. Hope this publication on Animal and Veterinary Science will have positive impact in the field.

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