



Australian Government



Australia-India Council



बिहार पशु विज्ञान
विश्वविद्यालय
BIHAR ANIMAL SCIENCES
UNIVERSITY



THE UNIVERSITY OF
MELBOURNE

India-Australia International Workshop

on

**Sustainable Farm Animal Production in
Changing Climatic Scenario**

(September 22 - 24, 2021)

Under aegis of

*Australia- India Council &
The University of Melbourne*

Mode of Workshop: Hybrid Mode

**Venue: Bihar Animal Sciences University,
Patna (Bihar), India**

About the Bihar

Bihar is one of the oldest and predominantly an agricultural state in eastern part of India. Livestock sector plays an important role in socio-economic development of rural households. The state has a huge population of different livestock species especially buffaloes and goats, but productivity per animal is very low due to low genetic potential, scarcity of quality feed, lack of technical knowledge and adverse environmental conditions.

About the University:

Bihar Animal Sciences University, Patna is one of the state Animal Sciences Universities in India with its objective to impart education, research and extension in the field of Animal Husbandry and allied branches. Main objective of the university is to produce quality human resources in the field of veterinary, dairy and fishery and to conduct innovative and need based research for the benefits of livestock farmers. The university is actively engaged in extension programme to disseminate knowledge from lab to land and continuing education to paravets, unemployed youth and entrepreneurs. Bihar Animal Sciences University, Patna has state of art facility for diagnosis and treatment of livestock, poultry, pet and companion animals.

About the Project:

Australia and India are amongst the world's largest livestock producers and these industries are critical for economies in both countries. Climate change is a significant challenge for sustainability of ruminant livestock production since increased environmental stress compromises animal welfare and productivity, and livestock sector contribute substantially to greenhouse gas production. Australian and Indian researchers are exploring technologies to understand the interrelationships between heat stress, animal physiology and the ruminal health and develop innovative nutritional strategies to mitigate heat stress. These strategies will ensure sustainable livestock production with reduced environmental impacts.

This project has been funded by Australian Government Department of Foreign Affairs and Trade (DFAT), Australia India Council and The University of Melbourne to build Australia India partnerships to promote sustainable livestock production. This project aligns with University of Melbourne's strategic priorities to engage with India and the mission of Faculty of Veterinary and Agricultural Sciences (FVAS) to lead the way in the Asia-Pacific region for collaborative research projects and knowledge advancement for achieving food security in the region.

Invited Speakers:

A. International Panel: (University of Melbourne)

1. Professor Frank Dunshea, Faculty of Veterinary and Agricultural Sciences, The University of Melbourne
2. Professor Brian Leury, Faculty of Veterinary and Agricultural Sciences, The University of Melbourne
3. Professor Robyn Warner, Faculty of Veterinary and Agricultural Sciences, The University of Melbourne
4. Professor Iain Clarke, Faculty of Veterinary and Agricultural Sciences, The University of Melbourne

5. Dr. Kristy Digiacomio Faculty of Veterinary and Agricultural Sciences, The University of Melbourne
6. Dr Jeremy Cottrell, Faculty of Veterinary and Agricultural Sciences, The University of Melbourne
7. Dr Surinder Singh Chauhan, Faculty of Veterinary and Agricultural Sciences, The University of Melbourne
8. Dr. Pietro Celi, Territory Manager ANZ and Pacific Islands, Adisseo Asia Pacific Pte Ltd, Singapore

B. National Panel:

1. Dr. Ravindra Kumar, Director Research, BASU, Patna
2. Dr. Sohanvir Singh, Principal Scientist, Animal Physiology Division, ICAR-NDRI, Karnal, India
3. Dr. Gyanendra Singh, Principal Scientist, Physiology & Climatology Division, ICAR-IVRI, Izatnagar, India
4. Dr. V Sejian, NIANP, Bangalore
5. Dr. Arun Madan, Professor, Veterinary Physiology, DUVASU, Mathura, India

6. Dr. Brijesh Yadav, Associate Professor, Veterinary Physiology, DUVASU, Mathura, India

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