

ICAR- NIANP, Bengaluru organized 'Certificate Training Program' for M.V.Sc. / Ph.D. Students of MAFSU during 22nd to 28thSeptember 2022

The 'Certificate Training program' for M.V.Sc./ Ph.D. students of MAFSU, Nagpur was organized at ICAR-National Institute of Animal Nutrition and Physiology, Bengaluru during 22nd to 28thSeptember 2022. A batch of ten students attended the training for the advancement of research skill and practical knowledge on niche areas in the discipline of Animal Nutrition, Veterinary physiology and Veterinary Biochemistry.

The students have been imparted hand-on experience on mineral analysis using Induction Coupled Plasma – Optical Emission Spectroscopy (ICP-OES), stem cell isolation, purification, culture and preservation, *in vitro* gas production technique, sperm kinematics and functional assay, sulfur hexafluoride tracer technique for methane estimation, nutraceutical production from agricultural wastes, RNA extraction from spermatozoa, PCR, qPCR, Bioinformatics, production of azolla, grain sprouts and silage, use of animal climate chamber: data recording, integration and interpretation besides field visit to Central Frozen Semen Production & Training Institute, Hesaraghatta.

Addressing the students during the valedictory function the Chief Guest Dr. C.S. Nagaraj, Dean, Veterinary College, Hebbal, Bengaluru highlighted the importance of such training program. He also urged the students not to miss the opportunities to undergo training in niche areas of research. Dr. Bhatta, Director, NIANP advised the students to apply these advanced skill and knowledge during their research pursuit, either Master or Doctoral levels.

The program was coordinated by Dr AK Samanta, Principal Scientist and Dr Gopi and Dr Krishnappa were the Associate Coordinators.