Summer School

Livestock Welfare under Changing Climate Scenario for Improved Productivity

June 07 - June 27, 2017
The Livestock Production and Management Section of Indian Veterinary Research Institute, Izatnagar is organizing an ICAR sponsored Summer School on Livestock welfare under changing climate scenario for improved productivity from June 07 - June 27, 2017. The training programme will consist of lectures, group discussions and practical trainings which would be conducted by highly qualified and experienced faculty. Applications are invited from interested scientific and teaching staff of Universities/Institutes through online portal (http://cbp.icar.gov.in/HomePageAfterLogin.aspx). Application should be uploaded after all official formalities on or before 17th May, 2017. Each participant will be required to deliver a seminar highlighting his/ her activities in their parent organization and also to provide a feedback on the course.

Course Objective
World is probably facing catastrophic climate change and has been observed to have multi factorial effects on production, reproduction and health status of livestock including product quality through stressors mediated by biochemical and physiological changes. These changes ultimately effect animal behaviour and comfort, which further leads to animal under stress. As a result, livestock welfare norms under changing climate scenario may not be effective for which proper modification in management practices is required. Livestock welfare issues under changing Indian climate scenario have not been addressed properly and therefore needs to be covered in summer school for strengthening the knowledge of emerging professionals.

Eligibility
Candidates holding the rank of Scientist/ Assistant Professor and above or equivalent in the National Agricultural Research System (NARS) including State Agricultural Universities, Deemed Universities, Central Agricultural Universities, Krishi Vigyan Kendras, Agricultural and Allied Science Faculties of other Universities possessing Master’s or Doctoral degree in Veterinary/Animal Sciences are eligible to apply for the Summer School.

Boarding and Lodging
Accommodation to all the selected participants will be provided in the institute Guest House. A fully functional Mess within the Guest House would be providing wholesome meals and refreshments to all the participants as per ICAR approved norms. The weather in Bareilly in the month of May-June will be warmer temperature ranging from 30 to 40°C. All the participants can expect a comfortable stay in the guest house during the training programme.

Travel
Bareilly city, which is almost equidistant from New Delhi and Lucknow is well connected to major cities of India by rail and road. The railway station and bus stand of the city are approximately 8 and 5 km, respectively from the Institute. Izatnagar is approachable from Bareilly and Izatnagar railway stations by taxi, auto-rickshaw or cycle-rickshaw.

Registration Fees
The participants will have to submit DD of Rs. 50/- in favor of Director, IVRI, Izatnagar at the time of training. They will have to fill details of DD online through portal.
Assessment and Certificates
After completion of the course, the participants will be evaluated with the objective to assess how far the training programme succeeded in reaching up to the participants in order to enhance their competence on various techniques covered. A certificate will be awarded to the participants on the successful completion of the Summer School.

The Institution
Indian Veterinary Research Institute (IVRI) established in 1889, is one of the oldest and premier national institutes of Veterinary Sciences functioning under the administrative control of Indian Council of Agricultural Research (ICAR) with the mandate to conduct research, provide high quality education and transfer of technology in all areas of animal sciences with emphasis on animal health and production. The institute is singularly responsible for major R&D innovations for development of more than 50 lifesaving vaccines and diagnostics that are in use in veterinary practice. Besides R&D, the education and training are also an integral part of the institute activities. The institute offers Master's programme in 22 and Doctoral programme in 19 disciplines. The institute has a cosmopolitan atmosphere as students, as well as, scientists representing all parts of the country undertaking research for the betterment of animals and nutritional security to the human being. The National Library of Veterinary Science, Referral Polyclinic, Livestock farms and Centre for Animal Disease Research and Diagnosis provide opportunity to the students, trainees and scientists of the institute to update their knowledge and sharpen their skills in this progressive world of science.

About the Livestock Production and Management
The Livestock Production and Management (LPM) section of the Indian Veterinary Research Institute is one among the oldest sections. Way back in the October 1937, Cattle and Buffalo Farm was established by transferring some Hariana and Murrah buffaloes from Cattle Breeding Farm, Karnal. Later on Farm Animal Genetics Section (FAGS) was established in 1945 and these animals were transferred to FAGS. During the 3rd Five Year Plan, an All India Coordinated Research Project (AICRP) for Studying Behavioural Pattern of Zebu Crossbreds was started. Finally, the project was renamed as AICRP on Cattle in 1969 with the major objective to evolve dairy cattle breed by crossing native Hariana with elite temperate dairy breeds viz. Holstein Friesian, Brown Swiss and Jersey. Further, the Murrah buffalo unit was expanded into a Buffalo improvement programme under AICRP on Buffaloes/Network Project. The FAGS was renamed as Livestock Production Research during 1975 and was reorganized in October 1997. Existing set up of Cattle and Buffalo Farm, Sheep and Goat Farm and Swine Production Farm was named as Livestock Production and Management Section. Furthermore, LPM Section evolved a valuable synthetic crossbred cattle strain Vrindavani having 50-75 percent inheritance from exotic temperate cattle breeds (Holstein-Friesian, Brown-Swiss and Jersey) and 25-50 percent inheritance from native indigenous Hariana cattle.

Financial Implications
The participants joining the course will be paid TA as per entitled class, but restricted to II AC Sleeper Class, and DA for the journey period, provided they produce a certificate from the parent organization to the effect that they are not being paid any TA/DA for this course. The participants will have to produce documentary evidence of travelling in the entitled class.
Chief Patron
Dr. R.K. Singh, Director, ICAR-Indian Veterinary Research Institute

Patrons
Dr. B.P. Mishra, Joint Director (Research)
Dr. V.K. Gupta, Joint Director (CADRAD)
Dr. A.K. Garg, Joint Director (Extension Education)
Dr. Triveni Dutt, Joint Director (Academic)

Course Director
Dr. G.K. Gaur, Principal Scientist & Incharge, LPM

Course Coordinators
Dr. Chandrakhas, Senior Scientist, CARI
Dr. P. K. Bharti, Scientist

Divisional Faculty
Dr. Mukesh Singh, Principal Scientist
Dr. A.K.S. Tomar, Principal Scientist
Dr. V.K. Gupta, Senior Scientist
Dr. Om Singh, Senior Scientist
Dr. N.R. Sahoo, Scientist
Dr. M.K. Patra, Scientist

Contact for further details
Dr. G.K. Gaur
Principal Scientist & Course Director
Livestock Production and Management Section
Indian Veterinary Research Institute
Izatnagar- 243 122, U.P. (India)
Tel: +91-581-231 0017 (O) Fax: +91-0581-230 2384
Mobile: 09457366190, 09808349032
E-mail: gyanendrakg@gmail.com