

Hands-on Training Program for Capacity Building cum Skill Development Under Value Added Course

Advanced Innovative Approaches for Sustainable Livestock and Poultry Production

Chief Patron:

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Course Joint-Coordinators:

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Dr. Prabhakar Kumar, Associate Professor, Department of Veterinary Anatomy

Dr. Mohd. Ameer Khan, Associate Professor, Department of Veterinary & Animal Husbandry Extension

Dr. Manish Kumar Shukla, Associate Professor, Department of Veterinary Gynecology & Obstetrics

Dr. Kuldeep Kumar Tyagi, Associate Professor, Department of Animal Genetics & Breeding

Dr. Ram Kumar Singh, Assistant Professor, Department of Instructional Livestock Farm Complex

Department:

Department of Livestock Production Management was established in the year 2011 with the commencement of College of Veterinary and Animal Sciences, Sardar Vallabhbhai Patel University of Agriculture and Technology, Meerut, U.P.

The Department is now conducting Under Graduate (B.V.Sc & A.H) and Post Graduate (M.V.Sc& Ph.D) programs with quality research. The department also conducts capacity building programs, short term courses, technical sessions and extension activities at various stages from time to time. The department is going to conduct capacity building cum skill development training program for post-graduates and doctoral students on the topic "Advanced Innovative Approaches for sustainable Livestock and Poultry production".

Collaborative Departments

1. Department of Livestock Production Management
2. Department of Animal Genetics and Breeding
3. Department of Veterinary Anatomy
4. Department of Animal Nutrition
5. Department of Veterinary and Animal Husbandry Extension
6. Department of Veterinary Physiology and Biochemistry
7. Veterinary Gynecology and Obstetrics

Topics to be covered

- Climate Resilient Breeds of Livestock and Poultry Species
- Advanced Techniques in Fodder Production and Preservation
- Transition Cow Management
- Precision Poultry Production Strategies under Climate Change Perspectives
- Ration Formulation in Ruminants
- Ration Formulation in Non-ruminants and Poultry Birds
- Area Specific Mineral Mixture Formulation
- Chemical Analysis of Feed and Fodders
- Tissue Processing for Microscopic examination of Animal Tissue
- Current Status and future Prospects of Stem Cell Therapy
- Oxidative Stress in Transition Cow
- Routine and Special Staining Methods for Histological and Histochemical Studies
- Embryo Transfer Technology for Productivity Enhancement of Livestock
- Diagnosis of Uterine Infections for augmentation of Fertility in Livestock
- Economics of Dairy Unit
- Advanced Selection Methods for Livestock Breed Improvement

Courses outcome:

- Keep abreast with recent advances in Livestock and Poultry Production.
- Know the actual situation of the livestock sector in the nation, and method to augment fertility and breed improvement in livestock.

- Know how about advanced methods of feed formulation and economic analysis for different livestock and poultry species
- Be aware of personal limitations and demonstrate awareness of when and from where to seek professional advice, assistance and support.
- Work effectively as a member of a multi-disciplinary team in the delivery of services to clients.
- Develop skills in various veterinary start-up ventures

Overview of course:

This specialized value-added training program designed to enrich the theoretical knowledge and provide skill-oriented hands-on training to the participating veterinary and Animal husbandry postgraduates and doctoral students. The training would include classroom lectures on PPTs as well as hands on training in the department's laboratory and on livestock farms by the eminent host facilities of the Department of Livestock Production Management, Veterinary Anatomy, Animal Genetics & Breeding, Animal Nutrition, Veterinary and Animal Husbandry Extension and Veterinary Physiology and Biochemistry of the College and the invited guest faculties from the well reputed Organizations.

Benefit of the course:

- Customized course content for advanced learning skills and bridging the knowledge gaps
- Develop the research and transferable skills needed for career.
- Equips for careers in industry, academia and research.
- Professional skills for better job opportunities
- Cutting edge technologies in livestock research and management
- Important Dates
- Course duration: 10 days from 19/05/2023 to 28/05/2023
- Last date of receipt of application: 19/05/2023
- Eligibility
- Master's and Ph.D Pursuing students
- Financial Implications
- No course fee will be charged for the course.
- No T/M/DA will be paid for the participants joining the course.

Contact for Further Details

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