



**Strengthening  
bridges**

VEEs and stakeholders  
in India

## Presentation No. 10

**SECTOR: Animal Science Research & Development**

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**Association/institute: Indian Council of Agricultural Research**

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**WORLD ORGANISATION FOR ANIMAL HEALTH**  
*Protecting animals, preserving our future*



## **Sector: Animal Science Research & Development**

- **Animal Science Division of ICAR under the DARE, Gol: An important wing of National Agricultural Research System of India**
- **Conducts, coordinates and monitors research activities in 19 Research Institutes (including 2 Deemed Universities) with around 1000 scientific positions supported by trained technical staff.**
- **Also coordinates 7 All India Coordinated Research Projects, 6 Network Research Programmes, 4 Outreach Programmes and 3 Mega Seed Projects (poultry, sheep and pig) in different parts of the country.**
- **Coordination and collaboration with research institutes, commercial establishments and NGOs for development and transfer of technologies- Inked 233 MoUs (10 years)**
- **Krishi Vigyan Kendra (KVKs)-Farm Science Centre- 721 with farmers outreach**



# What kind of veterinarians do you need?

## **Sector: Animal Science Research & Development**

- *What do veterinarians in your sector do?*
- **Teaching, research and extension with Human Resource development in Animal science for development of technologies to support production enhancement, profitability, competitiveness and sustainability of livestock and poultry sectors.**
- **Technical support to Central and State Animal Husbandry Departments.**
- *What skills do you value in veterinarians?*
- **Knowledge of specific discipline with latest know-how, scientific temperament and innovative vision**
- *Do you employ mostly new graduates or mostly experienced veterinarians?*
- **We recruit post graduate students specialized in different disciplines of Veterinary/ life science**



# What do you expect from VEEs? **Sector: Animal Science Research & Development**

- *In current times, what do you expect VEEs in India to teach veterinary students before graduation?*
  - **Knowledge & skill for production and protection of animals with One Health Approach**
  - **Disaster response to Animal Husbandry during calamities and Animal Welfare.**
  - **Wild life ecology, control and containment of TADs.**
  - **Entrepreneurship skills and International trade concerns to livestock and products.**
- *Do new graduates have the minimum skills needed to work in your sector or do they require further training? If further training is necessary, please outline briefly (What does it involve? Who does the training?)*
  - **Students have the minimum skills with reference to the disciplines. Administrative and research management trainings are required, for which, Foundation Course for Agricultural Research Services is conducted by ICAR**
- *Do VEEs work collaboratively with you to produce veterinarians for your sector? If so, please outline briefly.*
  - **VEEs work collaboratively to produce veterinarians (54 Veterinary Colleges)**
  - **ICAR and VCI involved in designing and regulating the curriculum.**
  - **ICAR strengthen the process of accreditation of agricultural universities/ colleges to ensure high-quality education.**
  - **Implementation of National Higher Education Project brought greater emphasis on skill and entrepreneurship development in students.**



# Are there any gaps in provision?

## **Sector: Animal Science Research & Development**

- *Please highlight any gaps in knowledge/skills/experience in veterinarians graduating from VEEs in India who wish to work in your sector.*
- **Working in multi-disciplinary groups with intersectoral approach**
- **Regulatory framework**
- **Resilience to climate change**
- **Bio-safety and bio-security protocols for different production systems and laboratories**
- **International exposure**



# Strengthening bridges

## **Sector: Animal Science Research & Development**

- *Please list any ways you think VEEs could work together with your sector to produce veterinarians with better knowledge/skills necessary for working in your sector.*
- **VEEs in consultation with ICAR and DAHD may regularly revisit and revise the existing curricula with professional priorities and OIE guidelines in the ever changing scenario.**
- **ICAR can facilitate talks or interactive session between scientists and students in VEEs to make them aware of mandate and vision of ICAR and NARS.**
- **Regular in-service trainings with national/international exposure to be organized to upgrade the knowledge and skill**

Thank you

