

Name: MANOJ KUMAR SINGH

Position: Principal Scientist (Animal Genetics & Breeding)

Academic Qualification:

- Ph.D. in Animal Genetics and Breeding from National Dairy Research Institute (NDRI), Deemed University, Karnal, Haryana in 1995.
- M.Sc. Animal Genetics and Breeding - NDRI, Karnal, Haryana in 1989.
- B.Sc. Agricultural (Hon), Agra University, Agra in 1986.



Experience:

1. Twenty one years of research experience in the field of different livestock species and breeds improvement at farm and field.
2. Goat Farms Management
3. Participatory, Farming System research, and development of livestock based integrated livelihood security models
4. Institute and Externally funded 18 research projects
5. Institute Building and Management

Areas of Interest:

- I. Livestock Improvement, Conservation and Development
- II. Goat based integrated livelihood security models development
- III. Transfer of technology, Adoption and Impact Assessment

Research Project (Completed)-----18

CURRENT PROJECTS

Principal Investigator: Genetic improvement of Barbari goats for Meat and Milk production

Co-Investigator:

1. Allele mining in Caprine peptin (KISS 1) and GPR54 genes and its association with fecundity in Indian Goats”
2. Development of model goat village.
3. Development of sustainable Targeted Selective Treatments (sTST) against haemonchosis in Indian Goats.

PUBLICATIONS

Research Articles	88
Lead Papers	22
Popular Articles	32
Bulletins	04
Book Chapter	12
Review Articles	02
Abstracts	96

Proceedings	03
Trainings organized	34
Leaflet/Pamphlet	10
Radio Talk	07
TV show	11
Exhibition of Kissan Mela	10
Lectures in Trainings	178
Projects reports	15
Kissan Divas	91
Field and Farm Innovation-Demonstrations	295

Guidance to Students: Ph.D-03,
MSc-01

Development of Technologies/Models: 10

- Specialized Area**
1. Breeding programme and plan for genetic improvement
 2. Characterization of livestock breeds, production environments and formulation of breeding strategies/plan for different breeds/regions/categories of farmers.
 3. Management of goat farms
 4. Development of participatory technologies and packages of goat management practices.
 5. Conservation measures of endangered breed of goats.
 6. Development of Livestock based integrated livelihood models for different categories of households in different regions of India.
 7. Model Goat Projects/Farms.
 8. Institute building
(I/c Head of Office, Administrative Officer, DDO, I/c Games & Sports, I/c Guest House, I/c Maintenance & I/c State, I/c Central Store and Finance & Account Section.

Species/Breeds

Goat : Barbari, Jamunapari, Jakhrana, Zalawadi and Gohilwadi
Horse : Marwari and Kathiawari
Donkey : French and local
Cattle : Synthetic breed (Karan Swiss and Karan Fries)

PROFESSIONAL AFFILIATIONS

1. Indian Society for Sheep and Goat Production and Utilization.
2. Indian Society of Animal Production and Management.
3. Indian Society of Animal Genetics and Breeding
4. Society for Conservation of Domestic Animal Biodiversity
5. Indian Association of Animal Production
6. Range Management Society of India

PERSONAL DETAILS

Date of birth: 30th March 1966
Place of Birth Awagarh, Etah (Uttar Pradesh)

CONTACT DETAILS

Genetics and Breeding Division,

ICAR-Central Institute for Research on Goats, Makhdoom.

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