



## **Dr. N. Ramachandran**

B. V. Sc., M. Sc

Year of Birth : 1974

Scientist (Livestock Production and Management)

Physiology, Reproduction and Shelter Management Division

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### **ACADEMIC BACKGROUND**

**2006 Ph.D** -- in Animal Science (LPM) from Dr. Bhim Rao Ambedker  
*(Continuing)* University, Agra (*Continuing as internal in-service candidate*)  
(Thesis: Effect of Different Management systems on seminal traits in Sahiwal bulls)

**2001** -- One year (Aug., 2000 to Aug.,2001) Certificate Course on Animal Welfare from Tamilnadu Veterinary and Animal Sciences University

**2000 M. V. Sc** -- in Livestock Production and Management from NDRI, Karnal. (Thesis: Studies on the fertility performance of Sahiwal bulls)

**1997 B.V. Sc** -- Veterinary College and Research Institute, Namakkal  
Tamilnadu Veterinary and Animal Sciences University, Chennai.

### **JOB PROFILES**

1997-98: worked as SRF after BVSc in VCRI, Namakkal (Survey on Livestock Marketing project)

2000-01: worked as SRF and RA after MSc in NDRI, Karnal (NATP projects on Shelter Management and Embryo Transfer Technology)

2003 : Joined in ICAR as Scientist (LPM)

### **THRUST RESEARCH AREA/ AREAS OF INTEREST**

- Managerial Interventions to improve/optimize productivity
- Animal Ethology and Welfare
- Semen Freezing and Artificial Insemination
- Teaching and training.

## RESEARCH PROJECTS

### Institute Funded

- PRSM-2.13: - Studies on physiological basis of Thermo-adaptability in goats of different age groups (As Co-PI)
- PRSM 2.21: Effect of Dietary Restriction and Realimentation on growth and carcass characteristics in kids. (As Co-PI)
- PRSM 2.18: Effect of freeze thawing of goat semen at different spermatozoal density on cell viability, keeping quality (storage), microbial contaminants and fertility. (As Co-PI)
- PRSM XI.1.1: Studies on refinement of frozen semen technology and Strengthening of goat semen bank. (As Co-PI) (Ongoing)
- XI/ PRSM.2.02: Economic Managerial Interventions for augmenting growth in Kids (As PI) (Ongoing)
- EESE-1.05: Multi Disciplinary project on Transfer of technology. (As Co-PI) (Ongoing)

### External Funded

- NAIP (component-4) project: Bio Prospecting of genes and allele mining for A biotic stress tolerance. (As Co-PI) (Ongoing)
- Network project on Adaptation and facilitation of livestock to impending climatic changes through shelter management (As Co-PI) (Ongoing)

## MEMBERSHIP OF PROFESSIONAL SOCIETIES

- Life member of “ The Indian Society of Animal Production & Management”.
- Life member of “ Indian Society for Sheep and Goat Production and Utilization.
- Life member of “ The Indian Society for Animal Reproduction”.
- Life member of “ The Indian Society for Animal Production”.
- Life member of Indian Association for Advancement of Veterinary Research
- Life member of Mobilization Society from 2008-09
- Annual member of Indian Journal of Animal Sciences for the year 2007-08

## PUBLICATIONS

|   |                                |
|---|--------------------------------|
| Research articles   | : 14                           |
| Review/ Lead articles   | : 3                            |
| Popular articles  | : 8                            |
| Folders   | : 4                            |
| Chapters contributed  | : 16                           |
| Books/Manuals   | : 1                            |
| Abstracts in Seminars   | : 18                           |
| <b>Seminar/ Symposia attended</b>                             | <b>: 10</b>                    |
| <b>Training attended</b>                                      | <b>: 8</b>                     |
| <b>Training organised</b> International Training for 2 months | <b>: 1 (as co-coordinator)</b> |
| <b>Awards received</b> (Best paper published/presented)       | <b>: 2</b>                     |

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