

# Dr. Suresh Dinkar Kharche

B.V.Sc. & A.H.; M.V.Sc. and Ph. D. (IVRI)

Year of birth: 1962

**Senior Scientist** (Animal Reproduction)

Physioogy Reproduction and shelter management Division



## 1. Academic background

Ph D (1998) – Thesis title - Studies on pretreatment effect of hCG & Estradiol-17  $\beta$  on ovarian response and embryo quality in superovulated cattle. Indian Veterinary Research Institute, Izatnagar, Bareilly.

M V Sc (1989) – Thesis title: “Studies on superovulatory response and hormonal profile in crossbred cattle. Indian Veterinary Research Institute, Izatnagar, Bareilly.

B V Sc & A. H.(1986) – J.N.K.V.V. Jabulpur

## 2. Area of interest

- Reproductive herd health care and management of cattle, buffalo, sheep and goat.
- Treatment of reproductive disorders including infertility.
- Frozen semen technology and AI.
- Synchronization, superovulation, non surgical embryo collection and transfer, surgical embryo collection and transfer.
- Cryopreservation of gamete and embryos.
- In vitro maturation, fertilization, culture, in vitro embryo production and Assisted Reproductive Technologies.
- Teaching and training.

## 3. Professional Experience :

Employer	Designation, Inst. & Place of work	Period	Scale/Present Basic pay
a).Director,IVRI, Izatnagar	T-6, IVRI, ETT,Section	16.09.89 to 15.03.90 & 01.05.90 to 31.07.90	2200-4000
c).Secretary,UNTE, Co. Ltd. Coimbatore, TNAU	Chief Veterinary Officer UNTE Co.Korakundah Estate Dairy farm & Embryo Research Centre	01.09.90 to 31.05.92	3700+DA
d).President, I.C.A.R.	Scientist NAARM, Hyderabad	9 <sup>th</sup> June 1992 to Nov.1992	2200-4000
e).President, ICAR	Scientist, NDRI Karnal	Nov., 92 to may 93	2200-4000
f).President, ICAR	Scientist, IVRI, Embryo Transfer Technology Section	May 1993 to Sept. 1998	2200-4000
g).President, ICAR	Scientist,IVRI, A.I. Lab L.P.M. Section, Izatnagar	Sept.1998- 9 <sup>th</sup> Dec. 1998	8000-13500
h). President, ICAR	Scientist (SS), A.I. Lab. L.P.M., Section, Izatnagar	10 <sup>th</sup> Dec.1998-23rd Feb.01	10,000-15,200
i). President, ICAR	Sr. Scientist (AR) PR&SM, Div. CIRG, Makhdoom	24 <sup>th</sup> Feb. 2001 (continue)	12,000-18,300

## 4. Awards :

- Prof. Nil's Lagerlof Memorial Award – 2001
- G. B. Singh Memorial Award – 2003
- Gaon Gyan Paritoshik Award – 2006
- Hindi shodh patra presentation awards in Hindi Pakhwada

## **5. Foreign deputation:**

To attend 36<sup>th</sup> Annual Conference of International Embryo Transfer Society from 9<sup>th</sup> to 12<sup>th</sup> January, 2010 at Cordoba, Argentina (SA)

## **6. MEMBER OF PROFESSIONAL SOCIETY: SEVEN**

1. Agricultural Research Service Scientist Forum.
2. Indian Society for study of Animal Reproduction.
3. Indian Association for Advancement of Veterinary Research.
4. Indian Society for Sheep and Goat Production.
5. Uttar Pradesh state veterinary council.
6. Veterinary council of India, New Delhi.
7. Indian Society for Buffalo Development

## **7. National training attended : 10**

## **8. National and International Training Imparted / organised : 10**

## **9. Research projects (PI/Co-PI) : 19**

## **10. Student guided : (a) M. Sc.-Three, (b) M. V. Sc.-Four, (c) Ph D -Two**

## **11. Achievements:**

1. Successful Induction of lactation and fertility in barren heifers.
2. Development of insulin protocol for higher conception rate in cattle.
3. Improved fertility in cattle and buffalo by incorporating drugs/hormones following A.I.
4. Development of a new superovulation protocol for cattle and goat.
5. Development of vaginal sponges for short term progesterone treatment for estrous synchronization in goats
6. Successful birth of calves and kids through embryo transfer
7. Birth of kid through *In-vitro* fertilization and Embryo Transfer.
8. Refinement of goat semen freezing protocol.
9. Production of cattle, buffalo and goat through Artificial Insemination
10. Reproductive herd health management and treatment of reproductive disorders in Cattle, Buffalo, Sheep and Goats.

## **12. List of Publications**

- a) Research Paper : National - 43, International-7
- b) Lead paper in National Seminar / Symposia / Invited Lectures :7
- c) Popular Articles : 17
- d) Technical bulletin / Chapters in book / manual : 32

## **13. Referees for the following journal:**

- a). Journal of Dairy Sciences
- b) Indian Journal of Animal Sciences
- c). Indian Journal of Animal Reproduction
- d). Indian Journal of Small Ruminant

## **14. Contact Address :**

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