

Department of Veterinary Medicine, COVAS

Dr. Tarun Kumar Sarkar

Professor & Head

Department of Veterinary Medicine

College of Veterinary & Animal Sciences

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Date of birth: 30.01.1974

Academic Qualifications:

Level	Degree	Board/Institute/University	Year	Subject(s) with major field
High School	Secondary	West Bengal B.S.Edu.	1992	Beng, Eng, Math, L.Sc, Phy.Sc., Geography, History
Intermediate	Higher Secondary	West Bengal C. H.S.Edu.	1994	Beng, Eng, Math, Phys, Chem., Biology
Graduation	B.V. Sc & A.H.	WBUAFS Kolkata	1999	Vety. Sc & A. H.
Masters	M. V. Sc	IVRI	2001	Major: Vety. Medicine, Minor: Vety. Surgery
Doctorate	Ph. D	IVRI	2010	Major: Vety. Medicine, Minors: Animal Biochemistry, Vety. Gynaecology & Obst.
Others	NET	ICAR	2001	Veterinary Medicine

Area of interest/Specialization:

1. Estimation of macro & micro-minerals in soil, fodder & bovine serum in a part of UP & Uttarakhand
2. Immunomodulatory & antioxidant potential study of herbs & homeopathic drugs in canine demodicosis.
3. Anthelmintic efficacy of some indigenous medicinal plants against gastrointestinal nematodes of calves.
4. Prevalence, bacterial isolations and therapeutic management of respiratory diseases of lambs.
5. Efficacy of Some Medicinal Plants against Bovine Mastitis.
6. Epidemiological, prophylaxis and therapeutic studies on pre-parturient paresis.

Administrative & Inchargeship experience:

Name of work	Duration		Tenure
	From	To	
Senior Scientist Incharge Mountain Livestock Research Institute, SKUAST-Kashmir, Manasbal	20/06/2011	04/06/2017	6 years (approx.)
Professor & Head Department of Veterinary Medicine, COVAS SVPUAT, Meerut-250110, U.P.	11/05/2018	Continuing	-

Award/Recognition

Name of the Award/Recognition	Awarding Organization	Year	National/ International, Institutional/ Professional Society	Additional Information
Junior Research Fellowship for M.V. Sc programme-ICAR	ICAR, New Delhi	1999	National	Individually
Best research paper presentation	Society for Community mobilization for sustainable development, IARI, Pusa	2009	Professional Society	Individually

i. Externally Funded Projects Handled:

Title	Year/Duration	As PI/Co-PI	Funding Agency Name	Amount	Major accomplishment
“All India coordinated Research Project on forage crops” at Mountain Livestock Research Institute, Manasbal as PI	3 years (from 31.08.2011 to 30/07/14)	As PI	ICAR, New Delhi	54.90	The oat variety SKO-108 (Shalimar fodder oats-4) was released in 2013.
Experiential Learning Programme For Hands on Training on “Processing of Milk and Milk Product” at Mountain Livestock Research Institute, Manasbal as PI	1 year (2013-14)	As PI	ICAR, New Delhi	99.00 Lakh	The UG student entrepreneurship programme is going on Processing of milk and product at MLRI Manasbal
“National Agriculture Mission for Sustainable Agriculture component of On farm water management” at Mountain Livestock Research Institute, Manasbal as Co-PI	1 year (2014-15)	As Co-PI	NMSA, Hyderabad	39.40 lakhs	The rain gun irrigation system was established in 20 hectare grazing field of MLRI Manasbal
“Mammary gland specific transcriptional profiling of Kashmiri cattle and its Jersey cross for milk quality and yield traits” at Division of Animal Biotechnology, F.V. Sc & A.H., SKUAST-Kashmir, Shuhama as Co-PI.	2015 ongoing, 3yrs	As Co-PI	Ministry of Science & Technology, Deptt. of Biotechnology, New Delhi-110003	49.09 Lakh	Ongoing...
“Genetic susceptibility to mastitis in cows, reared in temperate region of Kashmir” at Division of Animal Biochemistry, F.V. Sc & A.H., Shuhama as Co-PI	2016 ongoing, 3 years	As Co-PI	Ministry of Science & Technology, Deptt. of Science & Technology, New Delhi	58.33Lakh	Ongoing...

Student’s guidance, publication and attending of conference proceeding:

No. of M.V.Sc. Student Guided	03	No. of Ph.D. Student Guided	01
No. of Research paper published	37	Total No. of Manual	02
No. of Popular article published	05	Conference Proceeding Papers	08

Member of Professional Society:

1. Indian Society of Veterinary Medicine