

Vijayan R



0217. Veterinary and Animal Science Research Foundation (VASREF) is pleased to confer the award of Fellow of Veterinary and Animal Science (F.V.A.Sc.) to Professor (Dr) Vijayan R, Ex-Professor, Veterinary Clinical Medicine and Head, Animal Husbandry, College of Agriculture, Vellayani (Kerala Agricultural University), Trivandrum, Kerala, also pro-tem Professor, Dept. of Internal Medicine, Faculty of Veterinary Medicine, Al-Fateh University, Tripoli, Libya in recognition of his momentous contribution to veterinary and animal science.

Antecedent: Professor Vijayan was born on 19 November 1955 in Thiruvananthapuram (Kerala) called the 'Evergreen city of India', adorned by undulating terrain of stumpy hills, picturesque beaches, palm fringed shorelines, windy backwaters, and monuments of historical and religious significance including *Sri Padmanabhaswamy* temple, the richest temple in the world.

Academic accomplishments: Professor Vijayan completed his graduation (B.V.Sc. & A.H.) in 1978 and post-graduation (M.V.Sc.) in Veterinary Clinical Medicine in 1980 from the College of Veterinary & Animal Sciences (Kerala Agricultural University), Thrissur. He obtained his Ph. D. in Veterinary Clinical Medicine from the Madras Veterinary College (Tamil Nadu Veterinary & Animal Sciences University), Chennai in 1996.

Service particulars: Professor Vijayan started his career as Veterinary Surgeon in the Department of Animal Husbandry, Govt. of Kerala. He was Assistant Professor, Associate Professor, and Professor in Veterinary Clinical Medicine in Kerala Agricultural University. He retired as Professor and Head, Dept. of Animal Husbandry, in the College of Agriculture, Vellayani (Kerala Agricultural University), Thiruvananthapuram. He was interim Professor in the Dept. of Internal Medicine, Faculty of Veterinary Medicine, Al-Fateh University, Tripoli, Libya during 2009-2011.

Scientific achievements: Professor Vijayan was associated with the following research projects.

S. No.	Project Title	Funding Agency	Period
1.	Studies on pesticide residues in meat, body fat, liver of animals slaughtered for meat purpose (Principal Investigator).	Science, Technology and Environment Department, Govt. of Kerala.	2000-2003
2.	Efficacy of ethno veterinary medicinal plant formulations in the management of udder disorders of cattle (Principal Investigator).	Kerala State Council for Science, Technology and Environment, Govt. of Kerala.	2003-2006
3.	Revitalization of ethno veterinary practice among the tribal population of Western Ghats region of Kerala (Principal Investigator).	Planning and Economic Affairs Department, Western Ghats Cell, Govt. of Kerala.	2003-2006
4.	Developing a participatory settlement based animal farming model for tribal women folk of Western Ghats region of Kerala (Principal Investigator).	Planning and Economic Affairs Department, Western Ghats Cell, Govt. of Kerala.	2007-2010
5.	Inter-Institutional Project: Revitalization of Ethno veterinary Practices and Mrigayurveda (Associate).	Dept. of Science and Technology, Govt. of India.	2001-2003
6.	Field kit for testing antibiotic sensitivity of mastatic milk samples (Clinical Co-Investigator).	Biomed. Tech. Wing, Sree Chithra Inst. for Sciences and Technology, TVPM.	2001-2003

Salient Research Findings: Professor Vijayan's research work revealed that: (1) The body fat and meat of cattle brought for slaughter revealed higher concentration of organo-chloride pesticide residues, which could be the plausible cause of infertility in cattle in Kerala. (2) Udder disorders were treated by traditional healers with ethnoveterinary medicines incorporating nearly 75 ingredients constituting 35 plant materials, 19 spices, 9 miscellaneous items, and 12 plant by-products. Preliminary studies have revealed that 4 out of 37 formulations showed promising pharmacological actions. (3) Incidence, aetiology and antibiotic sensitivity pattern of organisms involved in mastitis in cross bred cows in Kerala was studied and the information was passed on to the field veterinarians and farmer innovators through training schedules for implementation. (4) A kit for field testing of antibiotic sensitivity of mastitic milk samples in dairy animals was developed in collaboration with the Biomedical Technical Wing of Sree Chithra Institute for Sciences and Technology, Thiruvananthapuram, and has been applied for patent.

Publications: Professor Vijayan has 108 publications comprising 29 research papers published in international and national journals of repute, and presented in seminar/ symposia/ conferences. He has published three books and 76 popular science articles. Besides, he has participated in 8 television and 14 radio programs related to veterinary and animal science.

Research guidance: He has guided/ supervised three MVSc students and one PhD scholar.

Professional Honours and Awards: Professor Vijayan is the recipient of 'Certificate of appreciation' award by Kerala Agricultural University for securing externally funded projects during 2000-2004.

Professional assignments: Professor Vijayan had many important professional assignments that included, (1) Member of the District Level Expert Committee (DLEC) for Trivandrum District for Peoples' Campaign activities for the IX Five Year Plan (1999-2000). (2) Member, General Council (Senate), Kerala Agricultural University (1976-78). (3) Associate Patron, Students' Union, College of Agriculture, Vellayani (2013-2015). (4) Programme Officer, National Service Scheme, Kerala Agri. University (1991-93 & 1998-2005). (5) Public Information Officer, Kerala Agri. University, Vellayani Campus (2014-15). (6) Project Leader, Earn While You Learn Programme, Kerala Agri. University, Vellayani (2011-15). (7) Animal Husbandry expert of the Monthly Technology Advisory (MTA) of Agriculture Technology Management Agency (ATMA), Thiruvananthapuram District (April 2016 ... till date). (8) CPCSEA (Committee for the Purpose of Control and Supervision of Experiments on Animals) nominee (July 2017 ... till date). (9) Co-Chairperson of the Working Group on Animal Husbandry and Dairying including Veterinary Research of Kerala State Planning Board for the formulation of 13th Five Year Plan (Sept. 2016 ... till date).

Organisational Leadership: (1) Member, Indian Veterinary Association, Kerala Branch. (2) Member, Indian Society for Veterinary Medicine. (3) Review Editor, Animal Science Reporter (International Journal Animal Science Research), ISSN 0974-6307.

We wish a happy, hearty, and healthy post-retirement life for Professor Vijayan with this prayer.

*पश्येम शरदः शतं जीवेम शरदः शतं श्रुणुयाम शरदः शतं
प्रब्रवाम शरदः शतमदीनाः स्याम शरदः शतं भूयश्च शरदः शतात् ॥*

***Pashyema Sharadah Shatam, Jeevema Sharadah Shatam, Shrunuyam Sharadah Shatam,
Pravrawam Sharadah Shatam, Deenah syama Sharadah Shatam, Bhuyascha Sharadah Shatam.***
(Shukla Yajurveda, 36.24).

For hundred years may we see, For hundred years may we live, For hundred years may we hear, For hundred years may we speak, For hundred years may we prosper, For hundred years more may we be.

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