

## **CURRICULUM VITAE**



**Dr. D. Sreekumar, B.V.Sc & A.H; M.V.Sc; Ph.D; FNAPM**

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### **Permanent address**

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### **Official address**

Professor,  
Department of Livestock Production and Management,  
Arawali Veterinary College, V.P.O. Bajor, NH 52, Sikar,  
Rajasthan, PIN: 332403.

**Date of birth:** 17-04-1961

**National Award:**

**“Fellow National - Animal Production Management” of the Indian Society of  
Animal Production and Management**

## Qualifications

Sl No.	Degree Obtained	Year	Institution studied	OGPA / % marks	Specialization
1	Ph. D (LPM)	1994	National Dairy Research Institute, Karnal, Haryana	77.06%	Livestock Production and Management
2	M.V. Sc (LPM)	1988	Kerala Agricultural University, Thrissur, Kerala	3.63/4.0	Livestock Production Management
3	B.V. Sc & A.H	1983	Kerala Agricultural University, Thrissur, Kerala	2.89/4.0	All subjects

## Employment Experience

Sl. No.	Position	Institution	From	To	Total period
1	Professor	Arawali Veterinary College, Sikar, Rajasthan	07.08.2023	Till date	Continuing
2	Professor & Head LPM / ILFC	Rajiv Gandhi Institute of Veterinary Education & Research, Puducherry	08.08.2007	30.04.2023	15 y, 08 m
3	Associate Professor and Head, LPM	Rajiv Gandhi Institute of Veterinary Education & Research, Puducherry	14.11.1998	07.08.2007	08 y, 09m
4	Associate Professor, LPM	Rajiv Gandhi Institute of Veterinary Education & Research, Puducherry	02.09.1996	13.11.1998	02 y, 02m
5	Assistant Professor and Head	Cattle Breeding Farm, Thumburmuzhi, Kerala Agricultural University, Thrissur, Kerala	05.11.1994	31.08.1996	01 y, 09 m
6	Assistant Professor	Cattle Breeding Farm, Thumburmuzhi, Kerala Agricultural University, Thrissur, Kerala	01.08.1993	04.11.1994	01 y, 03 m
7	Assistant Professor	Farming Systems Research Station, Kerala Agricultural University, Kottarakkara, Kerala	24.11.1988	31.07.1990	01 y, 08 m

8	Junior Assistant Professor	College of Veterinary and Animal Sciences, Kerala Agricultural University, Thrissur, Kerala	14.11.1986	23.11.1988	02 y, 09 d
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### Other duties performed

Sl. No.	Position	Place of work	From	To	Total period
1	Warden / Deputy warden	RIVER, Puducherry	20-08-2008	22-10-2010	2y, 2m -

### Research projects / schemes undertaken

Sl. No.	Title	PI / Co-PI	Sponsor	Period	Total outlay in Rupees
1	Improved Management Practices in small Scale Dairy Cattle and Broiler Rabbit Production under Rural conditions	As Co-PI	NABARD	One year	1,05,000 /-
2	Centrally Sponsored Scheme on Poultry Farming (CSSPF)	As Co-ordinator	Department of Animal Husbandry and Dairying, Government of India	Three years	85 lakhs

### Trainings undergone

Sl. No.	Title of the training	Place	Period	Sponsor	Expertise developed
1	Environmental Impact Assessment and Planning Ecologically Sustainable Livestock Production	Centre for Environment Education, Ahmadabad, Gujarat	23-04-07 to 27-04.07	CALPI, New Delhi	Ecological issues and Assessment of Environment Impact
2	Faculty Development Programme for Veterinary Science Faculty	RIVER, Puducherry	19-03-07 to 22-03-07	CALPI, New Delhi	Human Resource Management, Behavioural development

3	Faculty Development Programme for Veterinary Science Faculty	RIVER, Puducherry	07-02-06 to 10-02-06	CALPI, New Delhi	Administration, Behavioural development
4	UGC Sponsored Workshop for College Principals	Pondicherry University	14-05-19	Pondicherry	New Approaches and Policies in Higher Education

### **Membership of Professional / Scientific bodies**

1. Indian Veterinary Council (Puducherry)
2. Indian Dairy Association – Life member
3. Indian Society of Animal Production Management – Life member
4. Indian Meat Science Association – Life member
5. Zoo Outreach Organization – Life member
6. Society for the Conservation of Domestic Animal Biodiversity – Life member

### **Membership in Academic Bodies/Committees**

1. Member in Undergraduate Board of Studies in Veterinary and Animal Sciences of the Pondicherry University, Pondicherry (from 22.04.2019 to 30.04.2022)
2. Member in Postgraduate Board of Studies in Veterinary and Animal Sciences of the Pondicherry University, Pondicherry (from 23.04.2019 to 30.04.2022)
3. Organising Committee Member in One day Workshop on “Assessment Reflection of Livestock Production and Livestock Delivery Systems in Puducherry” Sponsored by NABARD.
4. Expert Committee Member of UGC. Inspection of Guru Angad Dev Veterinary and Animal Sciences University at Ludhiana to receive Central Assistance from UGC Under Section 12 (B) of UGC act – May 2010
5. Member, Institutional Animal Ethics Committee, RIVER, Puducherry
6. Co-chairman in National seminar – Indian Society of Animal Production and Management, 26 - 28, February, Kolkata
7. Expert member in P G Committee meeting of the College of Veterinary Science, Gannavaram, Andhra Pradesh, 15-10-2009
8. Expert member, Farm council meeting, Tamil Nadu University of Veterinary and Animal Sciences, Chennai.

9. Member, Project Implementation Group – PG studies, RIVER, Puducherry
10. Member, Quality Assurance Cell – RIVER, Puducherry
11. Nodal Officer, FARM FEST- Government of Puducherry, 2017 and 2018
12. Chairman, Farm Advisory Committee, RIVER, Puducherry

**Books written / published (with ISBN number)**

Sl. No.	Author's name	Title	Year	Name of Publisher	ISBN number	No. of pages
1	<b>Sreekumar. D</b> and Ninan Jacob	Understanding Dogs– a basic guide	2016	Write and Print, New Delhi	978-93-84649-28-9	365
2	Raghy Radhakrishnan and <b>Sreekumar. D.</b>	Management and Breed Preference of Pet Dogs in Puducherry, India	2018	Lambert Academic Publishing, Mauritius	978-613-9-91215-5	149
3	Sastry. N.S.R, Roy Choudhury. R, <b>Sreekumar. D,</b> Wadhvani. K.N and Ravikiran. G (Eds).	Livestock Production Under Diverse Constraints – Indian Experience in its Management	2016	Write and Print, New Delhi	978-93-84649-44-9	613
4	<b>Sreekumar. D</b> and Ninan Jacob	Understanding Farm Animals – a basic guide	2014	Satish Serial Publishing House, New Delhi	978-93-81226-79-7	213
5	<b>Sreekumar. D</b> and Sreenivasaiah. P. V	Small Scale Livestock Production	2014	Write and Print, New Delhi	9788-81-84649-03-6	200
6	<b>Sreekumar. D</b> and Sreenivasaiah. P. V	Text Book of Animal Science	2014	Write and Print, New Delhi	978-81-929705-7-8	180
7	Thilagar. S & <b>Sreekumar. D</b>	Muyal – Karavai Madu Paramararippu	2013	RIVER, Puducherry	978-81-926324-6-9	76

8	<b>Sreekumar. D</b>	Livestock and Pasture Management	2011	IGNOU, New Delhi	978-81-266-5719-3	40
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### Chapter in books

Name of authors	Title	Year	Name of Publisher	ISBN number	No. of pages
<b>1. D. Sreekumar,</b> Carmel Prins, Varun A., and R. Raghy	Environmental Modifications for Mitigation of Heat Stress in Livestock In: (eds) R. Raghy, D. George, S. Venkatesa Perumal, D. Sreekumar and V. Sejian. Climate Change And Livestock Production: Recent Trends and Future Perspectives	2023	RIVER	978-81-920883-4-1	269
<b>2. D. Sreekumar,</b> Lenshi, T, Hemanth, M, Divya, K and R. Raghy	Behavioural Adaptation of Livestock to Thermal Stress. In: (eds) R. Raghy, D. George, S. Venkatesa Perumal, D. Sreekumar and V. Sejian. Climate Change And Livestock Production: Recent Trends and Future Perspectives	2023	RIVER	978-81-920883-4-1	269
<b>3. V. Sejian,</b> M.V.Silpa, K.Devadharshini, N.Balamurugan, G.Kalaignazhal, M. Kamali and <b>D. Sreekumar</b>	Salient Adaptation, Mitigation and Amelioration Strategies to Improve Livestock Production under the Changing Climatic Scenario. In: (eds) R. Raghy, D. George, S. Venkatesa Perumal, D. Sreekumar and V. Sejian. Climate Change And Livestock Production: Recent Trends and Future Perspectives	2023	RIVER	978-81-920883-4-1	269

<b>4. Raghy, R, D. Sreekumar.</b> Lenshi, T, Hemanth, M and Divya, K	Structure and Composition Change in Livestock Population. In: (eds) R. Raghy, D. George, S. Venkatesa Perumal, D. Sreekumar and V. Sejian. Climate Change And Livestock Production: Recent Trends and Future Perspectives	2023	RIVER	978-81-920883-4-1	269
<b>5. V. Sejian,</b> M.V. Silpa, S. Aravinth, N. Balamurugan, EAS. Darwin, and <b>D. Sreekumar</b>	Climate Change and Livestock Production: Concept of Multiple Stresses and Strategies to Ameliorate. In: (eds) R. Raghy, D. George, S. Venkatesa Perumal, D. Sreekumar and V. Sejian. Climate Change And Livestock Production: Recent Trends and Future Perspectives	2023	RIVER	978-81-920883-4-1	269
<b>6. Sreekumar. D</b> and Ninan Jacob	Farm Animal Behaviour and Welfare under diverse Agro-ecological Conditions. In: Livestock Production Under Diverse Constraints – Indian Experience in its Management	2016	Write and Print, New Delhi	978-93-84649-44-9	613

### Details of classes handled

#### Undergraduate programme (B.V.Sc&A.H)

Involved in handling theory and practical classes of all units of the syllabus pertaining to VCI (2016) and theory and practical classes of all courses pertaining to VCI (2008)

Involved in guiding UG students in Study Circles and Entrepreneurship Programmes (VCI-2008)

Involved in guiding, supervising and evaluating students/interns during internship programme

#### Postgraduate programme (M.V.Sc)

Involved in handling theory and practical classes of all courses for PG programme including Seminar and Research

Involved in guiding PG scholars as major and minor advisor

### Details of invited/special lectures delivered

1. Dr. D. Sreekumar. (2020). “***Cow comfort and Behavioural Needs.***” Indian Society of Animal Production and Management, November 2020.
2. Dr. D. Sreekumar. (2018). “***The Biology and Behaviour of Small Experimental Animals***” Guest lecture delivered on 07-09-2018 at JIPMER, Puducherry
3. Dr. D. Sreekumar. (2017). “***Awareness on Endangered Animals***” Guest Lecture at Bharatidasan Women’s College, Puducherry on November 2017.
4. Dr. D. Sreekumar. (2017). “***Bird Diversity of Puducherry***” Chief guest and presented an invited paper on World Sparrow Day celebrations at the Pope John Paul College of Education, Puducherry, 20<sup>th</sup> March 2017.
5. Dr. D. Sreekumar. (2016). “***Structural and Functional Changes in Farming Systems and their Impact on Biodiversity***” Lead Paper presentation in Kerala Veterinary Science Congress, November 2016, Thrissur, Kerala.
6. Dr. D. Sreekumar. (2016). “***Homestead Farming - an Eco-friendly Farming System***” Lead paper presentation at International Symposium of Indian Society of Animal Production Management, January 2016, Hyderabad.
7. Dr. D. Sreekumar. “***Scope of Small Holder and Large Scale Dairy Farming in India: Farmers Perspective.***” Lead paper presentation in International Symposium on Dairy Value Chain - USAID - 23 - 24 June 2013, Chennai
8. Dr. D. Sreekumar. (2013). “***Integrated Farming Systems - Scope and Importance in Rural Livelihood.*** In: Training for Field Veterinary and Agricultural Officers, SAMETHI, Thiruvananthapuram, 25<sup>th</sup> November 2013, Kerala.
9. Dr. D. Sreekumar. (2013). “***Development of Strategies and Adaptation methodologies for climate change mitigation in livestock production***”. In: Model Training Course, Madras Veterinary College. November 2013, Chennai.
10. Dr. D. Sreekumar. (2012). “***New Paradigms in Livestock Production - Farming Systems Approach***”. In: Training for Field Veterinary and Agricultural Officers, SAMETHI, Thiruvananthapuram, 23<sup>rd</sup> November 2012, Kerala.
11. Dr. D. Sreekumar. (2010). “***Effective Shelter Designs in Different Agro-climatic zones***”. In: Model Training Course, Madras Veterinary College, Chennai
12. Dr. D. Sreekumar (2004). “***Current Trends in Wildlife Biology***”, Special lecture in One day Colloquium, Pondicherry Council for Science and Technology, November 2004, Puducherry.



## Presentations in International / National Seminars/Conferences

1. Mathi Hemanth, R. Raghy, K. Divya, **D. Sreekumar** and Veerasamy Sejian. (2023). Heat Stress in River Buffaloes: Impact, Adaptation and Mitigation Strategies. In: International Conference on *Biodiversity, Climate Change and Sustainable Agriculture towards Food Safety* (ICBCSAFS-23), ISBN: 978-81-960905-5-5, Annamalai University, 9<sup>th</sup> & 10<sup>th</sup> March, 2023. p-241.
2. Raghy. R, J. Tamizhkumaran., **D. Sreekumar**, M. Hemanth, and Veerasamy Sejian. (2023). Traditional Nomadic Sheep Framing Practices in Tamil Nadu. In: International Conference on *Biodiversity, Climate Change and Sustainable Agriculture towards Food Safety* (ICBCSAFS-23), ISBN: 978-81-960905-5-5, Annamalai University, 9<sup>th</sup> & 10<sup>th</sup> March, 2023. p-242.
3. Divya, K. Padmavathi, Mathi Hemanth, R. Raghy, **D. Sreekumar** and Veerasamy Sejian. (2023). Impact of Heat Stress in Goat: Adaptation and Mitigation Strategies. In: International Conference on *Biodiversity, Climate Change and Sustainable Agriculture towards Food Safety* (ICBCSAFS-23), ISBN: 978-81-960905-5-5, Annamalai University, 9<sup>th</sup> & 10<sup>th</sup> March, 2023. p-244.
4. Kamidi Prasanthi, R. Raghy, Mathi Hemanth, **D. Sreekumar** and Veerasamy Sejian. (2023). River Buffalo: A Promising Livestock Species in Yanam Region of Puducherry. In: International Conference on *Biodiversity, Climate Change and Sustainable Agriculture towards Food Safety* (ICBCSAFS-23), ISBN: 978-81960905-5-5, Annamalai University, 9<sup>th</sup> & 10<sup>th</sup> March, 2023. p-245.
5. Thangjam Lenshi Devi, R. Raghy, **D. Sreekumar** and Veerasamy Sejian. (2023). Effect of Heat Stress on Production and Reproduction in Pigs: Adaptation and Mitigation Strategies. In: International Conference on *Biodiversity, Climate Change and Sustainable Agriculture towards Food Safety* (ICBCSAFS-23), ISBN: 978-81960905-5-5, Annamalai University, 9<sup>th</sup> & 10<sup>th</sup> March, 2023. Poster.
6. Arunima. K.M., **D. Sreekumar** and V. Sejian. (2023). Indigenous Goat: A resilient Animal under Adverse Environmental Conditions. In: Fourth International Anatolian Scientific Research Conference, Kars, Turkey, held on 17-20, February 2023.
7. Carmel Prins, **D. Sreekumar** and V. Sejian (2023). Climate Change and Wildlife Biodiversity: Impacts and Mitigation Strategies. In: Fourth International Anatolian Scientific Research Conference, Kars, Turkey, held on 17-20, February 2023.
8. Arunima. K.M., Carmel Prins, **D. Sreekumar** and V. Sejian. (2023). Shelter Management Strategies for Protecting Goats from Climate Stress. In: Fifth International Food, Agriculture and Veterinary Sciences Congress, Turkey, 17 to 19<sup>th</sup> March 2023. Turkey.

9. Carmel Prins, Arunima K.M, **D. Sreekumar** and V. Sejian (2023). Climate Change and Wildlife Biodiversity: Impacts and Mitigation Strategies. In: Fifth International Food, Agriculture and Veterinary Sciences Congress, Turkey, 17 to 19<sup>th</sup> March 2023. Turkey.
10. Gayathri, B.S, George. D, Raghy. R, Venkatesa Perumal. S, **Sreekumar. D**, Nameer. P.O, V. Sejian. (2023). Strategies to Reduce Enteric Methane Emission in Ruminant Livestock. In: Fourth International Congress on Multidisciplinary Scientific Research held on 17-20, February 2023 at Kars, Turkey.
11. Edwiga J. N, Raghy, R, Venkatesa Perumal. S, **Sreekumar. D**, Nameer. P.O, V. Sejian. (2023). Climate Change and Livestock Production: Impact and Amelioration. In: Fourth International Congress on Multidisciplinary Scientific Research held on 17-20, February 2023 at Kars, Turkey.
12. Anupama. R, Varun, A, Raghy, R, Venkatesa Perumal. S, **Sreekumar. D**, Nameer. P.O, V. Sejian. (2023). Applications of Body Condition Scoring System to Optimize Livestock Production. Livestock. In: Fourth International Congress on Multidisciplinary Scientific Research held on 17-20, February 2023 at Kars, Turkey.
13. Kamidi Prasanthi and **D. Sreekumar**. (2023). Study on Management Practices of Buffaloes in Yanam Region of Puducherry. In: National Livestock Conference “Abhyudaya” Futuristic Approach to Viable Animal Production vis-à-vis Climate Change and Calamity Challenges. Organized by the Indian Society of Animal Production and Management (ISAPM), at Odisha University of Agricultural Technology, Bhubaneswar, Odisha. 18th - 20th January 2023.
14. Carmel Prins, **D. Sreekumar**, Jacob Alexander and Veerasamy Sejian (2023) A quantitative analysis of the effect of feeding enrichment in captive sloth bears. In: National Conference “Abhyudaya” Futuristic Approach on Viable Animal Production vis-a-vis Climate and Calamity Changes. Organized by the Indian Society of Animal Production and Management (ISAPM), at Odisha University of Agricultural Technology, Bhubaneswar, Odisha, 18th - 20th January 2023.
15. Kamidi Prasanthi, Jogeswar, P, **Sreekumar. D** and Venugopal. S. (2021). Desi Pig Management under Semi-intensive System in Puducherry. In: Indian Society of Animal Production and Management National Conference on “Paradigm shift in Livestock Management to obtain High Quality Animal Products for Enhancing Farm Economy and Entrepreneurship”, Jaipur. 4<sup>th</sup> to 6<sup>th</sup>, February 2020. (Poster).

### List of Articles Published

1. Prasanthi, K., **Sreekumar. D.**, Rajaganapathy, V., Ganesan, R and Natchimuthu, K.

- (2022). Socio-economic profile of buffalo farmers in Yanam region of Puducherry. *Indian Veterinary Journal*. 99(03): 09-13.
2. Prasanthi, K., **Sreekumar. D.**, Rajaganapathy, V., Ganesan, R and Natchimuthu, K. (2022). Buffalo calf rearing practices of dairy farmers in Yanam region of Puducherry. *Indian Veterinary Journal*. 99(04): 27-30.
  3. Prasanthi, K., **Sreekumar. D.**, Rajaganapathy, V., Ganesan, R and Natchimuthu, K. (2022). Housing management practices of buffaloes in Yanam region of Puducherry. *Indian Veterinary Journal*. 99(10): 43-46.
  4. Rajadurai, A., Rajaganapathy, V., Ganesan, R., Ponnuvel, P., Natchimuthu, K and **Sreekumar. D.** (2022). Study on cow body condition score in Puducherry, India. *The Pharma Innovation*. 11(9): 69-70.
  5. Jogeswar, P., Ponnuvel, P., **Sreekumar. D.**, Mandal, P. K., Ganesan, R. and Elanchezian, N. (2022). Effect of supplementation of Aloe vera juice on the carcass traits of Japanese Quails. *Journal of Meat Science*. 17(2):09-14.
  6. Surya Rani, A.E.D., Venugopal, S., **Sreekumar. D.**, Mandal, P.K. and Ganesan, R. (2022). Effect of sex and different housing systems on the performance of Japanese Quails under varying floor densities in Pondicherry. *Journal of Meat Science*. 17(1): 60-64.
  7. Jogeswar, P., Venugopal, S., **Sreekumar, D.**, Mandal, P. K., Ganesan, R. and Elanchezian, N. (2022). Effect of supplementation of Aloe vera juice on growth performance of Japanese Quails. *Indian J. Vety. Sci and Biotech*. 18(3): 45-48.
  8. Jogeswar, P., Venugopal, S, Ponnuvel, P. and **Sreekumar, D.** (2021). The effect of age on survivability and profitability of commercial broilers. *Int. J. Adv. Res. Biol. Sci.* 9(2): 105-108.
  9. Jogeswar, P., Venugopal, S, Ponnuvel, P. and **Sreekumar, D.** (2021). Effect of age on the production performance of commercial broilers. *Int. J. Adv. Res. Biol. Sci.* 8(6): 244-247.
  10. Mallikarjuna, R, Rajaganapathy, V, Ganesan, R, Ponnuvel, P, **Sreekumar, D.** (2021). Socio-economic profile of goat farmers in Puducherry. *Int. J. Adv. Res. Biol. Sci.* 8(5):138 - 142.
  11. Radhakrishnan Raghy, **D. Sreekumar** and Tamizhkumaran J. (2019). Development of Breed Preference Index for pure-bred dogs. *Indian Journal of Applied Research*. 9(8). 1-3.

12. Radhakrishnan Raghy, **D. Sreekumar** and Tamizhkumaran J (2019). Feeding practices of pure-bred dogs in Puducherry. *Int. J. Adv. Res. Biol. Sci.* 6(7): 1-3.
13. Radhakrishnan Raghy, **D. Sreekumar**, S. Ramkumar, Ninan Jacob and V. Rajaganapathy. (2017). Health care and management practices of pure bred dogs in Puducherry. *Indian Journal of Canine Practice.* 195-198.
14. Radhakrishnan Raghy, **D. Sreekumar**, S. Ramkumar, Ninan Jacob and V. Rajaganapathy. (2017). Socio-economic profile of pure-bred dog owners in Puducherry. *Indian J Anim. Prod. Mgt.* 33(3-4): 52-56.
15. Shivaji, D.V, Natchimuthu, K., Ramkumar, S, **Sreekumar, D** and Ganesan, R. (2018). A study on adoption of buffalo husbandry practices in Guntur and Prakasam districts of Andhra Pradesh. *Res J. Chem. Environ. Sci.* 6(3): 35 – 39.
16. Shivaji, D.V, Natchimuthu, K., Ramkumar, S, **Sreekumar, D** and Ganesan, R (2018). A study on aspirations of buffalo farmers and its relationship with socio-economic variables in Andhra Pradesh. *International Journal of Advanced Biological Research.* 8(2): 241 – 243.
17. Shivaji, D.V, Natchimuthu, K., Ramkumar, S, **Sreekumar, D** and Ganesan, R. (2018). Socio-economic Profile of buffalo farmers in Guntur and Prakasam districts of Andhra Pradesh, India. *Int. J. Curr. Microbiol. App. Sci.* 7(4): 1950 – 1955.
18. Rajadurai, A, Rajaganapathy, V, Ganesan, R, Ponnuvel, P, Natchimuthu, K and **Sreekumar, D.** (2018). Economics of milk production in Puducherry. *J. Entomology and Zoology Studies*, 8(2): 134-136.
19. Rajadurai. A, Rajaganapathy. V, Ganesan. R, Ponnuvel. P, Natchimuthu. K and **Sreekumar, D.** (2018). Constraints faced by the dairy farmers in Puducherry. *Int. J. Adv. Res. Biol. Sci.* 5(2): 96-99.
20. Rajadurai. A, Rajaganapathy. V, Ganesan. R, Ponnuvel. P, Natchimuthu. K and **Sreekumar, D.** (2018). Socio-economic profile of the dairy farmers in Puducherry. *Int. J. Adv. Res. Biol. Sci.* 5(2): 91-95.
21. Rajaganapathy.V, Xavier, F, **Sreekumar, D** and Mandal P.K. (2011). Heavy metal contamination in soil, water and fodder and their presence in livestock and their products: Review. *Journal of Environmental Science and Technology.* 4(3): 234 – 238.
22. **Sreekumar, D**, Sreekrishnan, R, Rajkumar, R.S and Afsal. K. (2011). Preliminary report on the bird diversity in the Veterinary College Campus, Puducherry. *Zoos Print.* 26(10): 28-30.

23. Kumaravelu, N, **Sreekumar, D.** and Thomas, C.K. (1998). Some facets of the farming system involving Kangayam cattle. *Indian Journal of Anim Prod and Management*. 14(2): 84-86.
24. Kumaravelu, N, Thomas, C.K and **Sreekumar, D.** (1998). Cattle sporting in India - bullock cart race. Draught Animal News, *Draught Animal News*, Centre for Tropical Veterinary Medicine, Scotland.
25. Kumaravelu, N, **Sreekumar, D** and Thomas, C.K (1998). Bargur – a hill breed of cattle of South India. Draught Animal News, *Draught Animal News*, Centre for Tropical Veterinary Medicine, Scotland.
26. **Sreekumar. D** and Obi Reddy, A. (1997). Study on farmer's preference for cattle and buffalo bullocks for work. *Buffalo Bulletin*, Thailand. 16(1): 3 - 4.
27. **Sreekumar, D** and Obi Reddy, A. (1996). Training process of draught cattle and buffaloes in Kerala, India. *Draught Animal News*, Centre for Tropical Veterinary Medicine, Scotland. 23: 8 – 9.
28. Kumaravelu, N, **Sreekumar. D** and Thomas, C.K (1996). Feeding of Kangayam cattle in their home tract. *Draught Animal News*, Centre for Tropical Veterinary Medicine, Scotland.
29. **Sreekumar. D**, Kumaravelu, N, Anil. K.S and Thomas. C. K. (1995). Use of buffalo bullocks for carting in a particular locale in South India. *Buffalo Bulletin*, Thailand,. 14 (4): 84-86.
30. **Sreekumar. D** and Obi Reddy, A. (1994). Mode of procurement and disposal patterns of work bullocks in Kerala State, India. *Draught Animal News*, Centre for Tropical Veterinary Medicine, Scotland. 21: 13- 14.
31. Obi Reddy, A, **Sreekumar. D** and Rao, M.K. (1994) Management and utilization of crossbred bullocks under field conditions. *Indian Journal of Animal Sciences*.64 (12): 1364 – 1367.
32. **Sreekumar, D** and Obi Reddy, A (1993). South Indian draught breeds – need for conservation. *Draught Animal News*, Centre for Tropical Veterinary Medicine, Scotland. 18:14 – 16.
33. **Sreekumar, D**, Obi Reddy, A, and Rao, M.K. (1992). Crossbred bullocks also good for draught. *Draught Animal News*, Centre for Tropical Veterinary Medicine, Scotland
34. Abdul Salam. M, Satheesh Babu, **Sreekumar. D**, Mammen, M.K, Girija V.K, Meera Bai, Jayachandran, B.K, Asan, B and Shehana, R.S. (1992) Homestead model for the

coastal uplands of South Kerala under irrigated agriculture. *Indian Coconut Journal*. 23(4): 2 – 6.

35. Abdul Salam. M, Mohanakumaran N, Jayachandran B.K, Mammen M.K, **Sreekumar D** and Satheesh Babu, N. (1992). Pepper associated agro-forestry system in the homesteads of Kerala. *Spice India Journal*. 5 (3): 11 – 13.
36. Abdulsalam, M and **Sreekumar, D**. (1991). Kerala home gardens – an agroforestry system for India. *Agroforestry Today*, ICRAF, Kenya
37. Abdul Salam. M, **Sreekumar. D**, Mammen, M.K., Rajeena, S., Meera Bai, Jayachandran, B.K., Shehana, R.S, Kunjamma. P.M and Girija V.K. (1991). Functional analysis of homestead farming system in Kerala – Homesteads in uplands involving mixed farming. *Farming Systems*. 7 (1 and 2): 51 – 57.
38. Abdul Salam. M, **Sreekumar. D**, Mohanakumaran N and Satheesh Babu, N. (1991). Coconut based homestead farming – a model, *Indian Coconut Journal*. 22(4): 4 – 12.
39. Abdulsalam, M and **Sreekumar, D** (1990). Coconut based mixed farming system to sustain productivity. *Indian Coconut Journal*. 21(2): 3 – 5.
40. Abdul Salam, M, **Sreekumar, D** and Mammen. M.K. (1990). Mixed farming in Homestead Agriculture – an economical approach. *Indian Farming*. XL (5): 14 – 16.
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### Details of guidance of Postgraduate scholars

Sl. No.	Year	Title of the Thesis	Name of the Student	Position (as)

1	2022	Study on Management Practices of Buffaloes in Yanam Region of Puducherry	Kamidi Prasanthi (19MVS002)	Major advisor
2	2016	Development of Need Based Index on Management of Dogs and Analysis of Breed Preference in Puducherry Region	Raghy Radhakrishnan (14MVS001)	Major advisor
3	1996	Analysis of Management Practices and Economics of Goat Rearing under Homestead Farming System	Tony Thoppil	Major Advisor
4	2017	Study on Dairy Farming Practices and Economics of Milk Production in Puducherry	Rajadurai. A (15MVS001)	Minor advisor
5	2021	Effect of Different Management Systems on the Performance of Japanese Quails in Puducherry	A.E.D. Surya Rani (18MVS002)	Minor advisor
6	2021	Study on Goat Farming Practices and Economics of Production in Puducherry	R. Mallikarjuna (18MVS002)	Minor advisor
7	2022	Effect of Supplementation of Aloe vera juice on Growth Performance and Carcass Traits of Japanese Quails	P. Jogeswar (19MVS001)	Minor advisor
8	2023	Study on Backyard Pig Farming System and Marketing in Imphal region of Manipur	Thanjgam Lenshi Devi (20MVS001)	Minor advisor

### **List of Publications after joining Arawali Veterinary College, Sikar**

#### ***eBook***

1. **Sreekumar. D.** (2025). Bird Diversity of Arawali Veterinary College Campus: A Preliminary Study. P 57.

#### ***Articles***

1. **Sreekumar, D** and Sejian, V. (2024). Cow Comfort, Behaviour and Welfare with Specific Reference to Dairy Cattle.: A Review. German Journal of Veterinary Research. 4(3): 159-174. Doi: <https://doi.org/10.51585/givr.2024.3.0107>
2. Carmel Prins, **D. Sreekumar** and V. Sejian. (2025). Climate Change and Wildlife Biodiversity: Impact and Mitigation Strategies. Archives of Life Sciences Research. 1(1): 06-22. Doi. <https://doi.org/10.51585/asslr.2025.1.0003>
3. Carmel Prins and **D. Sreekumar**. (2024). Welfare Problems in Captive Animal Care and their Mitigation. Indian Journal of Animal Production and Management. Special Issue 40(SI): 131-139.
4. Sujith Kumar Sarang, **D. Sreekumar**, V. Sejian. (2024). Indigenous Cattle Biodiversity in India: Adaptation and Conservation. Reproduction and Breeding. 4: 254-266. Doi: <https://doi.org/10.1016/J.repbre.2024.09.001>
5. Anshul Gautam, Shruthi Arya and **Sreekumar, D**. (2024). Heat stress in Cattle and Buffaloes: Detrimental effects and mitigation strategies. Indian Dairyman.
6. Anshul Gautam, Nistha Yadav, Bhavinkumar D and **Sreekumar, D**. (2024). Habitat adaptation and diverse utilization of Yaks to ensure food security. Indian Dairyman. Pp. 82-84.
7. Nistha Yadav, Anshul Gautam, **D. Sreekumar**, Urmila Pannu and Ved Prakash. (2025). Camel an enduring animal for traditional services and a protagonist for medicinal products. Indian Dairyman. 77(1).

### ***Book chapters***

1. Nistha Yadav, Prateek Rao, D. Sreekumar, and Urmila Pannu. (2025). Superior Heat Resilient Features for Physiological, Behavioural, Molecular, Neuroendocrine and Epigenetic Adaptation in Tharparkar Cattle. In: *Research Perspectives on Biological Science*. 4(4). 28-54. Doi. <https://doi.org/10.9734/bpi/rpbs/v4/5697>. BP International. ISBN: 978-93-49970-28-1



2. Sreekumar, D, Anshul Gautam, Narayanan, S.B, Muskan Kaushal. (2025). Livestock Wastes: Sources, Types and Composition. In: *Waste to Resources: Unlocking Potential Applications of Agricultural Wastes*. Academic Press, Elsevier. 21-36. (To be published in October 2025). ISBN: 978-0-443-30246-6

***Guest / Invited lectures presented:***

1. **Sreekumar. D.** (2024). Significance of Environment in the Welfare of Captive Animals. Lead paper presentation at National Conference of ISAPM at Madras Veterinary College, Chennai, February 2024
2. **Sreekumar. D.** (2024). Human-animal Relationship vis-à-vis Productivity and welfare of native farm animals. Invited paper presentation. ISAE sponsored workshop on ‘Natural Behaviours in Relation to Production and Welfare of Native Farm Animals’ at NDRI, Karnal; October 25<sup>th</sup>, 2024.
3. **Sreekumar. D.** (2024). Towards One Health Ecosystem: Biodiversity. Keynote address to TRIMA: 2024: Annual Management Convention – One Health: All For One, One For All. Trivandrum, Kerala. 16<sup>th</sup> May 2024.
4. **Sreekumar. D.** (2025). Exotic Pets: Diversity, Suitability, Care and Welfare. Lead paper presentation at the National Conference and Annual Convention of Indian Society of Animal Production and Management at Rajasthan College of Agriculture, Udaipur, Rajasthan. 26-28, February 2025.
5. **Sreekumar. D.** (2025). Homestead Farming System: An Eco-friendly Farming System and its Impact on Biodiversity. Invited paper presentation at the National Training Course on Recent Technologies of Agriculture, Horticulture and Livestock-based Integrated Farming Systems for Doubling Farmer’s Income, Odisha University of Agriculture and Technology, Bhubaneshwar. Online mode; 22.08.2025

***Currently working on:***

1. Editing “Livestock Production Management” by Sastry N.S.R and Thomas, C.K. Seventh edition (a book of 50 years of standing). To be published in 2026

***Reviewer of scientific/ review articles in:***

1. German Journal of Veterinary Research
2. Open Veterinary Journal

**Declaration**

I declare that all information in this curriculum vitae is true and correct to the best of my knowledge and belief.

27.09.2025

(Dr. D. Sreekumar)