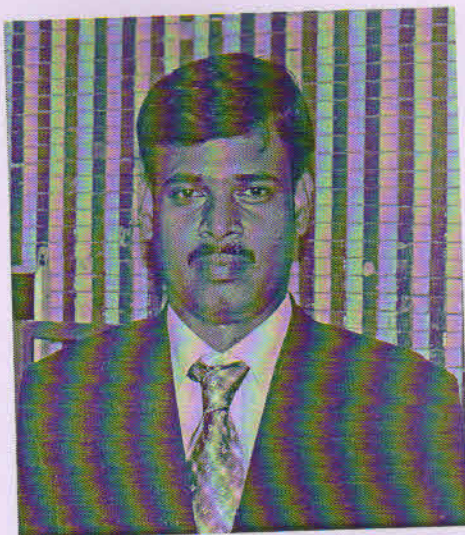


KATHIRVELAN, C



Designation and address
Assistant Professor
Department of Animal Nutrition
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Qualifications
M.V.Sc. (Animal Nutrition)
Ph.D. (Animal Nutrition)

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Fields(s) of specialization

Majoring field : Animal Nutrition
Specializing field : Nutraceutical/ Functional foods

Association with laboratory animal science

Started working in laboratory animal science since 2005 as part of Ph.D work and continuously involved in various research projects. In 2007, undergone CPCSEA nominee training at NIAW at Ballagarh and became a CPCSEA nominee for various institutions. As a CPCSEA nominee, I have implemented the laboratory animal ethics, 3 R's principles and awareness on using of alternatives in various institutes.


Recent Research Publications

1. Kathirvelan, C. and A. K. Tyagi. (2009). Conjugated linoleic acid content of milk from buffaloes fed a mustard oil based diet. International Journal of Dairy Technology. Vol: 62, Issue 2: 141-146.
2. Ani Bency Jacob, V. Balakrishnan and C. Kathirvelan (2012). Effect of amount and source of vegetable oils in a high fibrous cattle diet on cis-9, trans-11 CLA concentration in vitro rumen fermentation, nutrient degradability and rumen. Journal of Applied Animal Research. 40:2, 148-153
3. Kathirvelan C and A.K.Tyagi (2013). High conjugated linoleic acid enriched ghee (clarified butter) increases the antioxidant and antiatherogenic potency in female Wistar rats. Lipids in Health and Disease. 12 : 121
4. C.Kathirvelan (2014). Climate Change and Livestock Production: Feeding Strategies for Eco-Friendly Animal Production ELSEVIER Publications. P.No: 32-34 ISBN - 978-93-510710-1-3
5. C. Kathirvelan, D. Chandrasekaran, P. Vasanthakumar and M.R. Purushothaman (2014) Effect of Replacement of Synthetic Choline with Herbal Choline on .Growth Performance of Broilers.Indian Journal of Animal Nutrition: 184-187
6. Kathirvelan, C, Chandrasekaran, D. Purushothaman, MR, P.Vasanthakumar, 2014. Occurrence of aflatoxin in poultry feed ingredients. Indian Journal of Veterinary and Animal Sciences Research, 10 (2): 166-168.

7. **C. Kathirvelan**, D. Chandrasekaran, P. Vasanthakumar and M.R. Purushothaman (2013). Effect of Replacement of Synthetic Choline with Herbal Choline on Growth Performance of Broilers. *Indian J. Anim. Nutr.* 2013. 30 (2) : 184-187.
8. **C.Kathirvelan** and M.R.Purushothaman (2015). Effect of Supplementation of Herbal Choline on Serum Lipid Profile and Histopathology of Liver in of Broiler Chicken. *Indian Journal of Natural Sciences*. Vol.5 / Issue 30 :7218-7223

Honours & Awards

- Secured university gold Medal in the subject of animal nutrition during 2003 from TANUVAS (2003).
- Best poster paper entitled "Influence of conjugated linoleic acid enriched ghee feeding on 7,12 dimethyl benz(a) anthracene induced mammary gland carcinogenesis in female wistar rats during the international conference on traditional dairy foods at Karnal, 2007.
- Secured **Dr.S.K.Ranghan** award for the year 2009 for best doctoral dissertation work and publication from Animal Nutrition Society of India, Karnal.
- Received best oral presentation award from Indian Association of Veterinary Pathologist and presented in the National Symposium on Pathobiology of Poultry and Laboratory Animal Diseases" held at VC&RI, Namakkal on 5th and 6th March, 2010.
- Received best poster paper (first place) entitled "Conjugated linoleic acid (CLA) enriched designer milk- A Novel Functional Food" during the national seminar on Food biotechnology and Nutraceutical held at Kongu Engineering College, Erode on 21.2.2011.
- Best poster presentation from Indian Animal Nutrition society (ANSI) during the Global Animal Nutrition Conference (2014)
- Dr. Verghese kurien best young scientist award from Bose Science Society, Pudukkottai


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