

# CURRICULUM VITAE OF DR. M.PAGTHINATHAN

## Personal details

**Surname** : Dr. Pagthinathan

**Other Names** : Mylvaganam

**Designation** : Senior Lecturer Gr - I in Animal Science

**Term address and address for correspondence** : Department of Animal Science  
Faculty of Agriculture  
Eastern University of Sri Lanka  
Vantharumoolai, Chenkalady, Sri Lanka

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**Email address** : [pagthymp@yahoo.com](mailto:pagthymp@yahoo.com)  
[pagthymp@gmail.com](mailto:pagthymp@gmail.com)

**Date of birth** : 11<sup>th</sup> December 1969

**Nationality** : Sri Lankan

## Academic qualification

Degree	Field of study and title research	University
PhD	Milk Processing Technology and "Extraction, partial purification and characterisation of a protease extracted from kesinai ( <i>Streblus asper</i> ) leaves, and its potential application in the development of Cheddar cheese".	Universiti Putra Malaysia, Malaysia on March 2011
MPhil	Reproductive Physiology of Farm Animals and "Interrelationship among environmental, physiological and management factors, cooling treatment, beta hydroxybutyrate and serum progesterone at insemination with conception rate of water buffalo ( <i>bubalus bubalis</i> )".	Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya on August 2004
BVSc	Veterinary Science	University of Peradeniya, Peradeniya on August 1997.

## Working experience

Period	Place	Designation
3 <sup>rd</sup> January 2011 to date	Eastern University of Sri Lanka	Senior lecturer Gr I in the Department of Animal Science
3 <sup>rd</sup> January 2005 to 2 <sup>nd</sup> January 2011 <sup>r</sup>	Eastern University of Sri Lanka	Senior lecturer- Gr II in the Department of Animal Science
3 <sup>rd</sup> of January 2000 to 2 <sup>nd</sup> January 2005	Eastern University of Sri Lanka	Lecturer in the Department of Animal Science
July 1998 to December 2000		Temporary lecture in the Department of Animal Science
January 1998 to June 1998	Department of Animal Production and Health	Internee in the veterinary teaching hospital
August 1997 to December 1998	Ministry of health in the plantation sector	Technical assistant in the Ministry of health in the plantation sector

## Details of research projects was undertaken

Extraction of milk clotting enzyme from kesinal plant leaves extract to produce the Cheddar cheese, from 2006 to 2011.

Study on processing, preservation, keeping quality and sensory evaluation of milk and meat products on going

Animal Reproduction techniques - interrelation among environmental factors at insemination with cow parameters, hormonal profile and conception Rate in Water Buffalo and effect of cooling treatment, semen evaluation of cattle and buffalo -2003 and 2004

Under gone the research on Feeding trial on Gliricidia and Guinea in Goats- 2001

Technical assistant in the Ministry of health in the plantation sector in the research of Anaemia status among the up country tea estate people and remedy of this status among them. - 1997

Studies of the "Incidence of Sub clinical mastitis in cattle in the dry zone and mid country 1997 and 2014

Eastern University Sri Lanka And National Aquaculture Development Authority for Eastern Region (NAQDA). Mandresa, Batticaloa. pp 1-13.

- ☛ **Pagthinathan, M.** Mechanisms application Xenotransplantation.(2002). Souvenir 14<sup>th</sup> annual congress. Postgraduate institute of agriculture, University of Peradeniya Sri Lanka pp 29-30. (Review).

#### e. Short communication

- ☛ **Tharishinithevy, V. and Pagthinathan, M.** (2007). Study on the quality of yogurt produced from treated milk. *Agrieast*. 6 pp, 71-75

#### f. Abstract :

- ☛ **Sathiyasegar, K. and Pagthinathan, M.** (2015). Challenges for Working Women in Higher Education Institution in Sri Lanka: A Sociological View. International conference – sexual and gender based violence 2015 at Eastern University Sri Lanka. pp 37.
- ☛ **Dassina, S and Pagthinathan, M.** (2015). Inter- relationship of environmental and managemental parameters on bull semen evaluation. TIKM'S second Annual International conference on Agriculture and Forestry 2015 at Colombo Sri Lanka. pp 53.
- ☛ **Pagthinathan, M. and Nafees, M.SM.** (2013). Performance in relation to Environmental parameter in the dry Zone of Sri Lanka. 2<sup>nd</sup> annual Science Research session (ASRS) 2011, Faculty of Sciences. South Eastern University of Sri Lanka. pp 6.
- ☛ **Pagthinathan, M. and Ghazali, H. M.** (2011). Evaluate physicochemical properties of Cheddar cheese using whole and skim milk. ARS Eastern University. pp 14.
- ☛ **Jeniton, J., Subalini, E. and Pagthinathan, M.** (2011). Phenotypic and henotypic and genetic analysis of productive and reproductive performance of Sahiwal cattle in Sri Lanka. ARS Eastern University. pp 21.
- ☛ **Pagthinathan, M., Nafees, M.S.M. and Jeyamalar, R.** (2006). Preliminary survey and study of cattle population in Koralai pattu south Division of Batticaloa district. ARS Eastern University. pp 22.
- ☛ **Tharsinidevi, V. Pagthinathan, M. and Premakumar, K.** (2005). Nutritional analysis and yogurt formulation of hydrogen peroxide treated cow milk. ARS Eastern University pp. 59.
- ☛ **Anusooya, M., Pagthinathan, M and Premakumar, K.** (2005). Evaluation of Ice cream quality using different treatments, different flavors and fruits. ARS Eastern University. pp 12.

#### g. Postal presentation

- ☛ **Pagthinathan, M. and Sathiyasegar, K.** (2013). Cattle and buffalo farming in dry zone of Sri Lanka. A preliminary survey. International Symposium on Agriculture and Environmental. Faculty of Agriculture University of Ruhunu, Sri Lanka. pp 16.

- ☞ Vinothan, S. and Pagthinathan, M. (2011). Developing a decision system for farm management database and AI planning. International symposium on Agriculture and Environment. pp160.

### Submitted for Publications

- Pagthinathan, M., Ghazali, H. M., Yazid, A. M. and Foo, H.L. Extraction and purification of protease produced by kesinai (*Streblus asper*) leaves. *Journal of the Science of Food and Agriculture*- (2015)
- Pagthinathan, M., Ghazali, H. M., Yazid, A. M. and Foo, H.L. Characterization of partially purified milk clotting protease by kesinai (*Streblus asper*) leave. *Journal of the Food Biochemistry*-(2015)
- Pagthinathan, M., Ghazali, H. M., Yazid, A. M. and Foo, H.L. Application of kesinai (*Stebulus asper*) leave extracted enzyme in the cheddar cheese making. *Journal of Dairy Science. Journal of Dairy Science*-(2015)

### National contribution

- Project advisor, in World Vision in Batticaloa 2004 to 2006
- Consultant, Nectar Lanka, Batticaloa October 2005 to December 2006
- Project advisor, in POPE in Batticaloa 2005 to 2006
- Review of the self evaluation report in Animal Science Degree Program Uva Wellassa University
- Appointed as the sector consultant for the livestock for the five year district sector plan 2015-Batticaloa

### Supervision of Undergraduate Students

#### (Final Year Research Project Supervision. All projects completed)

- ☞ Sanotharan, N. (2015). Prevalence of bovine subclinical mastitis (scm) in Batticaloa district
- ☞ Dasinaa, S. (2014). Inter-relationship of environmental, managerial and bull physiological parameters on semen evaluation
- ☞ Kopika, K. (2014). Development of cow milk yoghurt by incorporating kitul pani
- ☞ Tharmiga, R. (2014). Development of garlic added yoghurt using cow milk
- ☞ Ramees, M.L.M. (2013). Interrelationships among environmental factors, cow factors and management factors at the time of insemination with conception rate of cattle in dry zone of Sri Lanka.
- ☞ Sangeeth, E. (2013). Development of cheddar cheese using low fat buffalo milk

- ☛ Vinothan, S. (2011). Developing A Decision Support System (DSS) For Farm management Database and AI Planning
- ☛ Jeniton, J. (2011). Phenotypic and Genetic Analysis of the Productive and Reproductive Performance of Sahiwal Cattle in Sri Lanka.
- ☛ Subathra, S. (2006). Productive and reproductive performance of sahiwal cattle in Dry Zone of Sri Lanka in relation to the Environmental parameters
- ☛ Anusooya, M. (2005). Determine the Demand of Dairy Products in the eastern region and Best Flavour and Fruit Used in Ice-Cream Production
- ☛ Tharsinidevi, V. (2005). Study on Processing, Preservation and Microbiological Aspects of Yoghurt Production

### Administrative position

- Head of the Department in Animal Science, Eastern University Sri Lanka March 2005 to December 2006
- Men's hostel warden in Eastern University Sri Lanka, November 2005 to December 2006
- Director/Staff Development Centre, Eastern University Sri Lanka EUSL since September 2011 to October 2014
- Secretary of internal quality assurance unit in EUSL October 2011 to April 2014
- Secretary of Teacher's Association Eastern University Sri Lanka year 2011/2012 and 2011/2013
- Chairman of Curriculum revising committee at Faculty of Agriculture, Eastern University Sri Lanka from September 2010 to June 2014.
- Member of University curriculum committee members from August 2013 to August 2015
- Editors of Teacher's Association Eastern University Sri Lanka year 2015/2016 and 2011/2013
- Elected member of the Senate from December 2010 to December 2013
- UNFPA Coordinator / Faculty of Agriculture, Eastern University Sri Lanka 2004
- Sports Advisory Board Chairman at Eastern University Sri Lanka for the year 2015-2016
- Head of the Department in Animal Science, Eastern University Sri Lanka September 2014 to to-date
- Member of the Board of study – External degree programme
- Member of sports advisory board Easter University Sri Lanka 2001

### Members for committee

- Member of the Basketball team University of Peradeniya 1993-1996
- Faculty Representative for *Sangeetha Nattiya Sangham* University of Peradeniya in 1995/1996.
- Member Sri Lanka Veterinary Association

- Member of Sri Lanka Association of Animal Production
- Member of Applied statistics association of Sri Lanka
- Member of the LION club
- President of Campus Lions Club of Eastern University year 2011/2012
- Members of the technical evaluation committee at faculty of Agriculture
- Member of the Scientific committee of International conference on Agriculture and Forestry 2015

### Scientific communication and /or participated in the seminar or workshop

- Participated in 16<sup>th</sup> International Conference on Biotechnology in Animal Reproduction. (ICBAR), August 4-5, 2011 Kandy, Sri Lanka.
- Participated in 11<sup>th</sup> ASEAN Food Conference 2009, August 21-23, 2007, October 21-23, 2009, Brunei Darussalam.
- Participated in 10<sup>th</sup> ASEAN Food Conference 2007, August 21-23, 2007, Kuala Lumpur, Malaysia.
- Participated International Training course on Molecular Biology & Biotechnology Techniques TCS- Colombo Plan 2006 – 07 at the IVRI, Izatnagar, and New Delhi from 14<sup>th</sup> October to 14<sup>th</sup> November 2006.
- Participated Program on the World Bank Procurement Procedures for the Official of IRQUE Project, Ministry of Education, and Government of Sri Lanka. At administrative staff college of India, Bella Vista, Hyderabad. March 2006.
- Participated Training on data analysis using SPSS at University of Colombo, January 2006.
- Participated workshop on Proposal writing of Improve Relevance Quality Undergraduate Education (IRQUE) project at Hill top Kandy September 2005.
- Solely coordinated the workshop on Reproductive Health Education and Counseling of University Students” for the undergraduates in Faculty of Agriculture held on 27.4.2005 at the Main Hall, EUSL.
- Participated workshop on Proposal writing of Improve Relevance Quality Undergraduate Education (IRQUE) project at Hill top Kandy April 2005.
- Participated workshop on Proposal writing of Improve Relevance Quality Undergraduate Education (IRQUE) project at Topaz Kandy October 2004.
- Participated workshop on Reproductive health, Counseling and Training of peer to Leaders at University Grant Commission October 2004.
- Participated National workshop on Risk assessment and management at Trans Asia October 2004.

- Participated workshop on variety assessment to improve the quality of teaching at SDC, University of Colombo August 2004.
- Participated seminar on employment potential of Agriculture and Veterinary graduates. In University Grant Commission May 2004
- Participated workshop on Health and safety in laboratories. Eastern University Sri Lanka. November 2003.
- Participated workshop on Information Technology with human face. At SDC, University of Peradeniya October 2003.
- Participated workshop on Problem base leaning at SDC, University of Colombo June 2003.
- Participated workshop on Leadership for quality teaching and learning at SDC, University of Colombo May 2003.
- Participated workshop on using counselling skill in Higher Education at SDC, University of Peradeniya may 2003.
- Participated workshop on Problem base leaning at SDC, University of Colombo March 2003.
- Presented a paper on Interrelationships among environmental and physiological factors at insemination with conception rate of water buffalo (*bubalus bubalis*). Postgraduate institute of Agriculture University of Peradeniya 14<sup>th</sup> congress at PCR auditorium Peradeniya November 2002.
- Presented a paper on Estimation of feeding values of Guinea and Glyciridia as feed for goat. Annual research session in the eastern university Sri Lanka August 2002.
- Participated the teaching methodology at SDC, University of Peradeniya Sri Lanka January to June 2001.
- Participated workshop on scientific writing in the National science foundation Sri Lanka March 1999.
- Conducted lecturer on Anatomy and physiology of Farm Animals, Dairy Processing Technology, Animal Reproductive Physiology, Lactation Physiology of Pre-Ruminant, Animal Nutrition and Animals Diseases

### Organizing of workshop

- Workshop organized on Reproductive health education and counseling of university students -2005

- Organize several workshops in the Staff Development Centre as a capacity Director of SDC
- Resource person for the workshops and training in the Staff Development Centre

### Field of interest

- ☞ Animal reproduction
- ☞ Dairy processing technology
- ☞ Animal health care

### Academic Referees

1. Prof. Dr. Mohd Hasanah Ghazali  
Department of Food Science  
Faculty of Food Science and Technology  
Universiti Putra Malaysia  
43400 UPM Serdang, Selangor  
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2. Prof. R. Sivakanesan  
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Faculty of Medicine,  
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Peradeniya, Sri Lanka  
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3. Prof. (Mrs) E.R.K. Perera  
Department of Animal science,  
Faculty of Agriculture,  
University of Peradeniya  
Peradeniya, Sri Lanka  
E-mail: [kalyani@pdn.ac.lk](mailto:kalyani@pdn.ac.lk)

I certify that the above information furnished by me is true and correct to the best of my knowledge.