

Chandraratne Mahinda B. Dematawewa



Professor in Animal Genetics and Breeding
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Former Director (2017-2024)
Postgraduate Institute of Agriculture, Peradeniya, Sri Lanka

Date of Birth: October 28, 1963

Education

- Ph. D. in Animal Breeding – 1996 Iowa State University, Ames, USA
Major: Animal Breeding
Minor: Statistics (T. A. Bancroft Award for Statistics @ ISU)
Thesis: Economic analysis of alternative breeding programs (Research Excellence Award @ ISU)
- M.S. in Animal Science – 1992 Iowa State University, Ames, USA
Thesis: Cost and risk evaluation and optimization of young sire use in terms of dystocia in dairy breeding.
- Postgraduate Diploma in Animal Breeding - 1989 University of Edinburgh, UK
- B.Sc. in Agriculture (Hons.)- 1985 University of Peradeniya, Sri Lanka

Short term Trainings

- Short Course on **Methods and Tool for Genomic Predictions and GWAS in Breeding Programs**, held on February 20-24, 2023 at Department of Animal Science, University of New England, Armidale, NSW, Australia, conducted by Drs. Daniela Lorenzo and Mehdi Sargolzaei, University of Georgia, Athens, Georgia and Select Sires Inc., USA.
- Short Course on **Genomic Prediction in Livestock**, held on May 11-15, 2015 at Department of Animal Science, Iowa State University, USA, conducted by Profs. Dorian Garrick, Rohan Fernando and Jack Dekkers, Iowa State University, USA.
- Short Course on **Design of Breeding Programs with Genomic Selection**, held on May 18-22, 2015 at Department of Animal Science, Iowa State University, USA, conducted by Prof. Julius van der Werf, University of New England, Australia and Prof. Jack Dekkers, Iowa State University, USA.
- Short Course on **Disease Genetics: From Concepts to Utilization**, held on June 2-6, 2014 at Department of Animal Science, Iowa State University, USA, conducted by Prof. Steve Bishop, The Roslin Institute, University of Edinburgh, UK and Prof. Jack Dekkers, Iowa State University, USA.
- JST-NSF Joint Workshop on **Genetic Resources in Livestock Farming and Agriculture** held in Tokyo, Japan, organized by Japan Science and Technology Agency, Japan and National Science Foundation, Sri Lanka on 2018

Two-day Workshop on **Introduction to Learning-Centered Classes and Meetings**, held on May 13-14, 2014 conducted by Learning Enhancement Action/Resource Network (Project LEARN), Iowa State University, USA.

Research Fellow/Visiting Scientist at Iowa State University, Ames, Iowa, USA and National Swine Federation, USA (Jan, 2014-Dec, 2015) on **Swine Genetics and Genomic Selection**.

Research Fellow/Visiting Scientist at USDA, Washington DC and Virginia Polytechnic Institute & State University, USA (Feb, 2005-Mar, 2007) on **Dairy Cattle Genetics**.

Three-day Workshop on **Capacity Building for Sustainable Use of Animal Genetic Resources and the Global Plan of Action for South Asia Region**, held in Kathmandu, Nepal, jointly organized by FAO/IAEA, SLU-Sweden and ILRI-Kenya. (Feb, 2009)

Three-day Training Program on **Country-Domestic Animal Genetic Resources Information System (C-DAGRIS) in Sri Lanka**, held in Peradeniya, Sri Lanka, organized by GEF-UNEP-ILRI FAnGRAsia Project (Dec, 2012).

Training Program on **Molecular Sequence Data and Use, Diagnosis, Molecular Taxonomy, Molecular Epidemiology and Population Genetics**, held at University of Peradeniya, Sri Lanka, jointly organized by University of James Cook, Australia; Center for Disease Control & Prevention, Atlanta, USA; Institute of Biotechnology, Vietnam; and University of Peradeniya, Sri Lanka (July 20-24, 2007).

One-day Training Workshop on **Quality and Innovation Grants (QIG) for Postgraduate Research Program Proposal Writers**, held at Renuka Hotel, Colombo 05, organized by Higher Education for Twenty First Century Project, Ministry of Higher Education, Sri Lanka (Oct, 2011).

Advanced Training Course in **Poultry Breeding and Genetics** held at Central Poultry Research Station, Bangalore, organized by the Central Poultry Development Organization, India (Aug 02-Sept. 25, 2004).

Advanced Course in **Agricultural Extension Technology in the Tropics** held at The Edinburgh School of Agriculture, University of Edinburgh, UK (July 05-Sept 14, 1989).

Advanced Course in **On-Farm Trials Techniques** held at The Edinburgh School of Agriculture, University of Edinburgh, UK (Sept 19-29, 1989).

Working Seminar on **Integrated Database Management** held at Postgraduate Institute of Agriculture, University of Peradeniya jointly organized by ESCAP CGPRT Centre, Indonesia and Ministry of Agriculture, Sri Lanka (March 16-20, 1998).

Employment History

Nov 2017- Jan 2024	Director, Postgraduate Institute of Agriculture, Peradeniya
Jan 2014 – Dec 2015	Visiting Professor/Research Scholar, Department of Animal Science, Iowa State University, Ames, Iowa, USA
Jan 2004 – Dec 2005	Visiting Professor/Research Scholar, Department of Dairy Science, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, USA

@Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka

Nov 2009 – to date	Professor in Animal Genetics and Breeding
Sep 2009 – Aug 2012	Head/Department of Animal Science
Mar 2003	Senior Lecturer in Animal Genetics and Breeding (Grade-I)
Mar 1997	Senior Lecturer in Animal Genetics and Breeding (Grade-II)
Oct 1986	Probationary Lecturer in Animal Science
Jan 1986	Temporary Assistant Lecturer

Key Positions Held

Director	Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka (2017-to date)
Head	Department of Animal Science, Faculty of Agriculture, University of Peradeniya (2009-2012)

Deputy Director	Agricultural Biotechnology Centre, Univ. of Peradeniya, Sri Lanka (2002-2003)
President	Sri Lanka Association of Animal Production, Sri Lanka (2003/04, 2007/08)
President	Federation of University Teachers' Associations, Sri Lanka (2002/03, 2003/04)
Vice President	Sri Lanka Organization of Agriculture Professionals (2017/18)
General Secretary	Federation of University Teachers' Associations, Sri Lanka (2000/01, 2001/02)
Chairperson	National Committee on Livestock, Aquaculture and Fisheries, Sri Lanka Council for Agricultural Research Policy (2013)
Chairperson	Board of Study in Biostatistics, Postgraduate Institute of Agriculture, University of Peradeniya (2009-2012)
Chairperson	Board of Study in Animal Science, Postgraduate Institute of Agriculture, University of Peradeniya (2009-2013)
Visiting Scientist	Department of Animal Science, Iowa State University, USA (2014-2015) AIPL-USDA & Virginia Polytechnic Institute & State University, USA (2005-2007)
Breed Improvement Training Specialist (Independent Consultant) (2024)	Market-Oriented Dairy (MOD) Project, USDA 'Food for Progress' Initiative Implemented by IESC (www.iesc.org)
Member	Editorial Board of International Scientific Journal <i>Acta Veterinaria</i> Belgrade -2019
Member	National Animal Breeding Committee, Ministry of Livestock Devt. (1998-to date)
Member	Steering Committee, National Young Scientists' Forum, Ministry of Science and Technology, Sri Lanka (2000-2001)
Member	University Grants Commission Standing Committee on Agriculture, Veterinary and Animal Sciences (2017-to date)
Member	University Grants Commission Standing Committee on Postgraduate Studies and Research (2017-to date)
Member	Board of Management, Postgraduate Institute of Agriculture, University of Peradeniya (2009-2012)
Member	Coordinating Committee, Postgraduate Institute of Agriculture, University of Peradeniya (2009-2013)
Coordinator	Sixteenth Annual Congress, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka (2004)
Visiting Lecturer	Faculty of Agriculture, Univ. of Ruhuna, Sri Lanka (1998-2003; 2008-12)
Visiting Lecturer	Faculty of Applied Sciences, Rajarata University of Sri Lanka (2003-2004)
Visiting Academic	Faculty of Engineering Technology, The Open University of Sri Lanka (2013)
President	Animal Breeding Graduate Student Organization, ISU, USA (1996)
President	Sri Lankan Organization, Iowa State University, USA (1996)

Academic and Professional Recognitions/Awards

Appearance in <i>MARQUIS Who's Who</i> Directory -2010 of outstanding professionals in USA	
Chief Guest	- 15th Annual Convocation of Sri Lanka Institute of Advanced Technological Education (SLIATE), Ministry of Higher Education, Colombo
Keynote Address	- 15th International Congress on Animal Reproduction, Brazil-2004
Keynote Address	- Third Asian Buffalo Congress, Sri Lanka-2000
Keynote Address	- International Symposium on Agriculture and Environment, Faculty of Agriculture, University of Ruhuna-2017
Keynote Address	- 4th International Conference on Multifaceted Technology for Dry Zone Agriculture (ICDA-2018), University of Jaffna
Presidential Award for Research Fellow	- Presidential Secretariat, Sri Lanka-2004, 2011 - Sri Lanka Institute of Agriculture (SLIAG)-2020
Invited Moderator	National workshop on "Sustainable Dairy Development: The Value Chain Approach" held at SLIDA, Colombo on January 13-14, 2020 jointly organized by the Smallholder Agribusiness Partnership Program (SAPP) of Ministry of Mahaweli, Agriculture, Irrigation and Rural Development, All-Island Dairy Association (AIDA) and Market Oriented Dairy (MOD) Project of International Executive Service Corps, USA.

Member	Team selected and invited by the NSF, Colombo for 1st Joint Workshop between National Science Foundation and Japan Science and Technology Agency on 'Genetic Resources in Livestock Farming and Agriculture' on October 10, 2018 in Tokyo, Japan
National Representative	- Young Scientists' Forum, BICOST Conference-2001, National Science and Technology Commission, Sri Lanka
Sri Lankan Focal Point (<i>invited</i>)	- Expert Consultation Meeting for the inception on SAC priority programme on "High Yielding Dairy Buffalo Breed Development in SAARC Countries, SAARC Agriculture Centre (SAC), Bangladesh (2013)
Sri Lankan Invitee	- <i>John Vercoe</i> Memorial Conference, International Livestock Research Institute, Kenya (2007)
Chairperson (<i>invited</i>)	- Technical Session on Food, Nutrition and Livestock, International Peradeniya University Research Sessions (iPurse 2016), University of Peradeniya, Sri Lanka
Chairperson (<i>invited</i>)	- Animal Science Session, Annual Research Symposium on <i>Towards Knowledge Economy</i> , Uwa Wellassa University, Badulla, Sri Lanka (2011)
Chairperson (<i>invited</i>)	- Technical Session III. Food, Nutrition and Livestock, Peradeniya University Research Sessions (PURSE), University of Peradeniya, Sri Lanka (2011)
Advisor	- Sri Lanka Animal Husbandry Diploma Holders' Association (2010-todate)
Member	- Technical Committee, 2018 International Conference on Sustainable Global Aquaculture (ICSGA), 24-26 January, 2018, Bangkok, Thailand.
Reviewer	- Animal Breeding and Genetics Section, Journal of Dairy Science, USA
Reviewer	- ANIMAL, An International Journal of Animal Biosciences, CAMBRIDGE Journals, UK
Citation in the " <i>Innovations</i> "	- a Monthly Journal of Virginia Tech which publicizes the most innovative research in Virginia Tech, USA
Selection as the best paper	- for publication in <i>Zootecnica International</i> among the presentations in XVI th European Symposium on the Quality of Poultry Meat. Cotés d'Armor, France
Best Research Paper	- 72 nd Annual Convention of the Sri Lankan Veterinary Association -2020
Best Presentation Award	- Annual Congress, Postgrad. Inst. of Agriculture, Univ. of Peradeniya-1998
Overall Best Presentation Award & PGIA Alumni Award	- Annual Congress, Postgrad. Inst. of Agriculture, Univ. of Peradeniya-2012 (<i>co-authored paper</i>)
Overall Best Presentation Award & PGIA Alumni Award	- Annual Congress, Postgrad. Inst. of Agriculture, Univ. of Peradeniya-2014 (<i>co-authored paper</i>)
Dr. Arunasiri Iddamal goda Award	- 60 th Annual Convention of the Sri Lankan Veterinary Association -2008
Best Research Paper	- 56 th Annual Convention of the Sri Lankan Veterinary Association -2004
Member	- Selection Panel for Promotion to the Professor/Associate Professor at the University of Jaffna
Research Excellence Award	- <i>PhD research</i> , Iowa State University, USA -1996
T. A. Bancroft Award for Statistics	- Iowa State University -1994
Induction into Academic and Research Honour Societies	
Sigma Xi	- Scientific Honour Society for Research, USA -2006
Pi Mu Epsilon	- National Honour Society for Mathematics, USA -1993
Phi Kappa Phi	- National Honour Society for Science, USA -1992
Mu Sigma Rho	- National Honour Society for Statistics, USA -1992
Gamma Sigma Delta	- National Honour Society for Agriculture, USA -1991
Best Communicator Prize	- TROPAG Courses, University of Edinburgh, UK -1989
ODA Scholarship	- Overseas Development Administration, Univ. of Edinburgh, UK -1988

Presidential and Keynote Addresses

Keynote Address -Third Asian Buffalo Congress-2000

Reference: **Dematawewa, C.M.B.** and G.L.L.P. Silva. 2000. Genetic improvement of buffaloes in Asia with special reference to Sri Lanka. Proceedings of the Third Asian Buffalo Congress held on 27-31 March, 2000, Kandy, Sri Lanka (Eds. J.A.de S. Siriwardene, D.H.A. Subasinghe, N.U. Horadagoda and H. Abeygunawardena). National Science Foundation Publ., Colombo, Sri Lanka. pp. 129-142.

Keynote Address - 15th International Congress on Animal Reproduction-2004

Reference: Abeygunawardena, H. and **C.M.B. Dematawewa**. 2004. Pre-pubertal and postpartum anoestrus in tropical zebu cattle. Proceedings of the 15th International Congress on Animal Reproduction. held on 8-12 August, 2004, Porto Seguro, BA, Brazil. *Animal Reproduction Science (Special Issue)* 82-83 (2004):373-387.

Keynote Address – Livestock and Aquaculture Session in International Symposium on Agriculture and Environment (ISAE-2017), University of Ruhuna

Reference: **Dematawewa, C.M.B.** 2017. Greener Agriculture and Environment through Genomic Selection of Livestock, Proceedings of ISAE-2017. 19th January, 2017 at Faculty of Agriculture, University of Ruhuna, Matara

Keynote Address – 4th International Conference on Multifaceted Technology for Dry Zone Agriculture (ICDA-2018), University of Jaffna

Reference: **Dematawewa, C.M.B.** 2018. New Challenges in Animal Genetic Improvement in the Genomic Era, Proceedings of ICDA-2018. 01-02 November, 2018 at Faculty of Agriculture, University of Jaffna, Kilinochchi.

Keynote Address – 6th National Symposium on Agriculture (NSA-2024), Eastern University of Sri Lanka

Reference: **Dematawewa, C.M.B.** 2024. Resilient Agriculture – A tool for reviving Sri Lankan Economy. Proceedings of NSA-2024. 6th March, 2024 at Faculty of Agriculture, Eastern University of Sri Lanka, Baticaloa.

Presidential Address-Federation of University Teachers' Associations (FUTA), Sri Lanka

Reference: **Dematawewa, C.M.B.** 2004. Challenges and Achievements of FUTA, 1999-2004. Documentary Oration by Outgoing President/FUTA at the Annual General Meeting of Federation of University Teachers' Associations (FUTA) held on 25th May, 2004 at Faculty Centre, University of Colombo, Sri Lanka. *FUTA Secretariat, Faculty of Science, University of Peradeniya, Peradeniya* (34 pages).

Presidential Address –Technical Sessions of the 10th Annual General Meeting of the Sri Lanka Association of Animal Production (SLAAP)

(Chief Guest: Hon. Minister of Livestock Development, Sri Lanka)

Reference: **Dematawewa, C.M.B.** 2008. Contributions of SLAAP to the Development of Dairy Industry. *Sri Lanka Journal of Animal Production*. 04(01):69-83.

Address as the National Representative of Young Scientists Forum at BICOST-I, Sri Lanka

Documentary oration by the National Representative of the Young Scientist Forum, Sri Lanka, at the First Biennial Conference on Science and Technology - BICOST-I. held 24-27 August, 2000, Kalutara, Sri Lanka, by the National Science and Technology Commission (NASTEC) and the Ministry of Science and Technology,

Reference: **Dematawewa, C.M.B.** 2000. Views of Young Scientists. In: BICOST-I Documentation. (Ed. M.C.N. Jayasooriya), NASTEC, Rajagiriya, Sri Lanka. pp. 171-172.

Invited Presentation at the 27th Annual Convention of Sri Lanka Animal Husbandry Diploma Holders Association

Documentary oration at the 27th Annual Convention and Technical Session of Sri Lanka Animal Husbandry Diploma Holders Association held on 27 November, 2010 at Institute of Continuing Education, Getambe, Peradeniya.

Reference: **Dematawewa, C.M.B.** 2010. Genetic Improvement of Dairy Cattle in Sri Lanka. *SLAHDHA Journal* 2010:pp .29-34.

International/National Level Engagements

Associations:

Fellow	Sri Lanka Institute of Agriculture (SLIAG) (2020)
President	Sri Lanka Association of Animal Production (2003/04)
President	Sri Lanka Association of Animal Production (2007/08)
President	Federation of University Teachers' Associations (2002/03)
President	Federation of University Teachers' Associations (2003/04)
President	Animal Breeding Graduate Student Organization, Iowa State University (1996)
President	Sri Lankan Organization, Iowa State University (1996)
National Advisor	Sri Lanka Agriculture Diploma Holders Association (2024)
Vice President	Sri Lanka Association of Animal Production (2008/09)
Vice President	Sri Lanka Organization of Agriculture Professionals (2017/18)
Vice President	Federation of University Teachers' Associations (1999/2000)
General Secretary	Federation of University Teachers' Associations (2000/01)
General Secretary	Federation of University Teachers' Associations (2001/02)
Treasurer	Sri Lanka Association of Animal Production (1999-2003)
Assistant Treasurer	Sri Lanka Association of Animal Production (1998/99)
Assistant Secretary	Alumni Association, Faculty of Agriculture, University of Peradeniya (1999)
Assistant Treasurer	Alumni Association, Faculty of Agriculture, University of Peradeniya (1998)
Advisor	Sri Lanka Animal Husbandry Diploma Holders' Association (2010 -to date)
Exec. Com. Member	Federation of University Teachers' Associations (2000/01, 2004/05)
Exec. Com. Member	World's Poultry Science Association (<i>Sri Lanka Branch</i>) (2007/08)
Exec. Com. Member	Applied Statistics Association of Sri Lanka (2002/03)
Exec. Com. Member	National Agriculture Society of Sri Lanka (2000/01)
Exec. Com. Member	Sri Lanka Association of Animal Production (2008-2012)
Exec. Com. Member	National Agriculture Society of Sri Lanka (2000/01)
Life Member	Sri Lanka Association for the Advancement of Science (1998)
Life Member	Alumni Association, Iowa State University, USA (1996)
Life Member	Alumni Association, Faculty of Agriculture, University of Peradeniya (1997)
Life Member	National Agriculture Society of Sri Lanka (2000)
Founder Member	Applied Statistics Association of Sri Lanka (2000)
Founder Member	Sri Lanka Association of Animal Production (1997)
Member	National Young Scientists' Forum, Ministry of Sci. & Tech., Sri Lanka (2000- 2004)
Member	Ames Jaycees, Iowa, USA (1996)
Member	American Society of Animal Science (1995/96)
Member	International Biometrics Society (1994/95)
Member	American Association for the Advancement of Science (1994)
Member	Federation of American Societies of Food Animal Sciences (1992)
Member	American Dairy Science Association (1991/96)

Technical Committees at National Level

Member	The Committee for Deciding the Recognition of Postgraduate Qualifications, established in the Department of Agriculture, Sri Lanka, under the Minute of the Sri Lanka Agricultural Service of Gazette Extraordinary No. 1880/26 (2017 to date)
Member	Program Advisory Committee (PAC) for development, evaluation and revision of programs in Higher National Diploma in Technology (Agriculture), Sri Lanka Institute of Advanced Technological Education (SLIATE), Ministry of Higher Education and Highways, Colombo -2017
Invited Member	Committee on Animal Production and Livestock Development (headed by the Hon. Minister in-charge) under the Research and Development Program of Ministry of Internal Affairs, Wayamba Development and Cultural Affairs, Sri Lanka (2017)
Focal Person/Sri Lanka	Inception Meeting on High Yielding Dairy Buffalo Breed Development in SAARC Countries, held on November 16-17, 2013 at the BARC Complex, Dhaka, organized by the SAARC Agriculture Centre, Bangladesh.

Chairperson	National Committee on Livestock, Aquaculture and Fisheries, Sri Lanka Council for Agricultural Research Policy, Ministry of Agriculture, Colombo (2013).
Member	National Animal Breeding Committee, Ministry of Livestock Development and Estate Infrastructure, Sri Lanka (later Ministry of Agriculture and Livestock, and subsequently Ministry of Livestock Development) (1999 – 2005, 2007-2014)
Member	Selection Panel for Promotion to the Professor/Associate Professor at the University of Jaffna
Member	Sub Committee appointed to Recommend Applicants for the 25% Research Allowance to the Sri Lanka Council for Agricultural Research Policy, Ministry of Agriculture (2013)
Member	Executive Committee of Sri Lanka Association of Animal Production (2009, 2012)
Member	Project Steering Committee of GEF-UNEP-ILRI Farm Animal Genetic Resources (<i>FAnGR</i>) Asia Project (2011)
Member	Technical Steering Committee on Improvement of the Standards of National Livestock Development Board Farms through Technical Support, Department of Animal Production and Health, Peradeniya (2010-11)
UGC Nominee	Selection Committee for Promotion to the Post of Senior Staff Technical Officer, University of Ruhuna, Matara (2010)
UGC Nominee	University Grants Commission Nominee, Panel for Promotion of Staff Grade Technical Officers, University of Ruhuna, Matara (2011)
Member	Technical Committee, Cooperative Regional Research Project (S-1008) on Genetic Selection and Crossbreeding to Enhance Reproduction and Survival of Dairy Cattle, USA (2005-2007)
Member	Swine Development Committee, Ministry of Agriculture and Livestock (2003)
Member	Subcommittee for Revision of National Animal Breeding Policy Guidelines, Ministry of Livestock Development (2008-2011)
Chairperson	Working group on Transport of Livestock, for the Review of Legislation related to Livestock, Ministry of Estate Infrastructure and Livestock Development, Colombo, Sri Lanka (2001)
Invited Member	National Progress Review Meetings, Ministry of Livestock Development, Sri Lanka, headed by the Hon. Minister of Livestock Development, Sri Lanka (2008-2010)
Member	Expert Team for Baseline Survey on the Establishment of Proposed Palalpathana-Rathnayakapura Dairy Village, Nuwara Eliya, upon invitation of Hon. Minister of Livestock Development, Sri Lanka (2009)
Advisor	Poultry Breeding Program, Central Poultry Research Station, Veterinary Research Institute, Ministry of Livestock Development, Sri Lanka (2011-2013)
Reviewer	Development of National Competency Standards for Livestock Sector, National Apprentice and Industrial Training Authority and Tertiary and Vocational Education Commission, Ministry of Youth Affairs and Skills Development, Rajagiriya, Sri Lanka (2012)
Reviewer	Contract Research Project Proposals for funding under Competitive Research Programme, Sri Lanka Council for Agricultural Research Policy, Colombo, Sri Lanka (2003)
Member	Expert Team to evaluate the present status of Undugoda State Livestock Farm, Sabaragamuwa Province and to recommend measures to improve productivity, visited on June 11 2009, organized by the Sri Lanka Association of Animal Production upon invitation of Honourable Minister of Livestock Development, Sri Lanka
Member	Technical Evaluation Committee of the Cabinet Approved Tender Board for the Purchase of Livestock. Ministry of Agriculture and Livestock, Sri Lanka (2003)
Member	Committee to Review Legislations related to Livestock Sector, Department of Animal Production and Health, Ministry of Agriculture and Livestock, Sri Lanka (2001)
Member	Progress Review Team of Treasury Funded Research Projects of Sri Lanka Council for Agricultural Research Policy, Sri Lanka (2001)
Member	Project Monitoring Committee of the Contract Research Projects funded by the Sri Lanka Council for Agricultural Research Policy (2000)

Member	Committee of Sri Lanka Association of Animal Production to prepare a Policy Document on the Development of Dairy Sector in Sri Lanka (1998)
Member	Steering Committee, National Young Scientists Forum, Ministry of Science & Technology, Sri Lanka (2000/2001)
Member	Research Team for Rapid Appraisal of the Sri Lanka Dairy Sub-system with ILRI, Kenya and Ministry of Livestock Development and Estate Infrastructure, Sri Lanka (1997/98)

Organizing International and National Conferences/Events

Chairperson	Logistic Committee of the 16th International Conference on Biotechnology in Animal Reproduction, held on August 4-5, 2011 at Kandy, Sri Lanka, organized by the International Association of Biotechnology in Animal Reproduction
Chairperson	Social and Welfare Activities Organizing Committee, 3 rd Asian Buffalo Congress held March 27-31, 2000, Kandy, Sri Lanka
Member	Steering Committee of the 16th International Conference on Biotechnology in Animal Reproduction, held on August 4-5, 2011 at Kandy, Sri Lanka, organized by the International Association of Biotechnology in Animal Reproduction
Member	Scientific, Publication and Editorial Committee and Ceremonial Committee of the 16th International Conference on Biotechnology in Animal Reproduction, held on August 4-5, 2011 at Kandy, Sri Lanka, organized by the International Association of Biotechnology in Animal Reproduction
Co-chairperson	Technical Session, The e-ASIA Joint Research Program Workshop on 'Strategy for Conservation and Utilization of Animal Genetic Resources in Asia'. Co-organized by the Japan Science and Technology Agency (JST), National Science Foundation (NSF) and e-ASIA JRP Secretariat. Oct 10, 2018, Mirikan, Tokyo, Japan.
Invited Moderator	National workshop on "Sustainable Dairy Development: The Value Chain Approach" held at SLIDA, Colombo on January 13-14, 2020 jointly organized by the Smallholder Agribusiness Partnership Program (SAPP) of Ministry of Mahaweli, Agriculture, Irrigation and Rural Development, All-Island Dairy Association (AIDA) and Market Oriented Dairy (MOD) Project of International Executive Service Corps, USA.
Moderator	National Debate on Genetically Modified Foods, 57th Annual Sessions of Sri Lanka Association of Advancement of Science (Nov 27, 2001)
Chairperson	Animal Science Session, Annual Research Symposium on <i>Towards Knowledge Economy</i> , Uwa Wellassa University, Sri Lanka (Dec 15-16, 2011)
Chairperson	Technical Session III: Food, Nutrition and Livestock, Peradeniya University Research Sessions, University of Peradeniya, Sri Lanka (Nov 24-25, 2011)
Faculty Coordinator	<i>Deyata Kirula</i> , the National Development Exhibition of Sri Lanka, Pallekele, Kandy, organized by the Ministry of Finance, Sri Lanka (Feb 4-10, 2009)
Faculty Coordinator	<i>Medarata Navodaya</i> Educational Exhibition, Getambe, Kandy, organized by Provincial Government (Central Province), Sri Lanka (Oct 20-25, 2009)
Member	Scientific Committee, 4 th International Conference on Fisheries and Aquaculture – 2017, August 24-25, 2017. Colombo.
Member	Organizing Committee, International Conference on Reproductive Biotechnology, Kandy, Sri Lanka (2012)
Member	Organizing Committee, International Friendship Fair, Iowa State University (1996)
Member	Organizing Committee, Feinberg Mask Exhibitions, Octagon Center for the Arts, Ames, Iowa, USA (1995)
Member	Organizing Committee, Global Food Fest, Iowa State University (1994-96)

University Level Activities

Member	Board of Management of Postgraduate Institute of Medicine, University of Peradeniya (2021-to date)
Member	Vice Chancellor's Advisory Committee, University of Peradeniya (2021-to date)
Member	Board of Management, Internationals Affairs Office, University of Peradeniya (2017-to date)
Member	Board of Management of the Centre for Environmental Studies (CES), University of Peradeniya (2018 to date)
Member	Management Committee of the Centre for Quality Assurance (CQA), University of Peradeniya (2017-2020)
Member	Management Committee of the Internal Quality Assurance Unit (IQAU), University of Peradeniya (2021-to date)
Member	Management Committee of University Research Council, University of Peradeniya (2018-to date)
Member	Academic Development and Planning Committee, University of Peradeniya (2017- to date)
Member	Land and Buildings Maintenance Committee, University of Peradeniya (2017-to date)
Member	Senate Library Committee, University of Peradeniya (2017-to date)
Member	Web Development Committee, University of Peradeniya (2018-to date)
Member	Center for Quality Assurance (CQA) Committee on Strategic Plan 2021-2025 Development for University of Peradeniya
Member	CQA Committee on Procedures for Releasing Results of Examinations of Postgraduate Study Programs (2020-2021)
Member	CQA Committee on Policy Development on Students Engagement in Quality Assurance (2020-2021)
Member	CQA Committee on Postgraduate Teaching and Research, University of Peradeniya (2020-2021)
Member	Committee Appointed under ADPC on Academic Dress for Postgraduate Degrees, University of Peradeniya (2020)
Member	Technical Evaluation Committee of Faculty of Arts, University of Peradeniya for purchasing items/equipment for Faculty of Arts for the year 2013
Member	Technical Evaluation Committee of University of Peradeniya for purchasing items/equipment for the University for the year 2012
Member	Selection Panels for Professor/Associate Professor Promotion at the Faculty of Agriculture, University of Peradeniya
Member	Selection Panels for Promotion to the Senior Lecturer at the Faculty of Arts, University of Peradeniya
Member	Organizing Committee, Peradeniya University Research Sessions (Faculty of Agriculture) (2000)
Senate Nominee	Selection Committee for Merit Promotion to the Post of Professor in Animal Science, Department of Animal Science, University of Peradeniya (2017)
Senate Nominee	Selection Committee for Advertised Post of Lecturer/Senior Lecturer in the Department of Animal Science, University of Peradeniya (2013)
Senate Nominee	Selection Committee for Normal Promotion to the Post of Senior Professor in the Department of Animal Science, University of Peradeniya (2010)
Senate Nominee	Examination Disciplinary Committee for General Degree Examination of Arts held in August, 2009
Faculty Representative	Admissions Committee, University of Peradeniya (2016)
Faculty Representative	University Senate, University of Peradeniya (2003-2004)
Faculty Representative	Staff Residence Committee, University of Peradeniya (1998-2003)
Faculty Representative	Senate Research Committee, University Senate, University of Peradeniya (2001)

Postgraduate Institute of Agriculture Level Activities

Chairperson	Board of Management, Postgraduate Institute of Agriculture, University of Peradeniya (2017-to date)
Chairperson	Coordinating Committee, Postgraduate Institute of Agriculture, University of Peradeniya (2017-to date)
Chairperson	Finance Committee, Postgraduate Institute of Agriculture, University of Peradeniya (2017-to date)
Acting Director	Postgraduate Institute of Agriculture, University of Peradeniya (Sept 02-07, 2010)
Coordinator	Sixteenth Annual Congress, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka (2004)
Chairperson	Logistic Committee, Fifteenth Annual Congress, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka (2003)
Chairperson	Sessions & Registration Committee, Thirteenth Annual Congress of Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka (2001)
Member	Organizing Committee, Annual Congresses, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka
Chairperson	Board of Study in Biostatistics, Postgraduate Institute of Agriculture, University of Peradeniya (2010-13).
Chairperson	Board of Study in Animal Science, Postgraduate Institute of Agriculture, University of Peradeniya (2009-to 2013)
Member	Board of Management, Postgraduate Institute of Agriculture, University of Peradeniya (2009-12)
Member	Coordinating Committee, Postgraduate Institute of Agriculture, University of Peradeniya (2009-12)
Member	Selection Committees for Recruitment for the Posts Computer Application Assistant and Labourer, Postgraduate Institute of Agriculture, University of Peradeniya (2010)

Faculty Level Activities

Acting Dean	Faculty of Agriculture, University of Peradeniya (April, 2010)
Head	Department of Animal Science, Faculty of Agriculture, University of Peradeniya (2009-12)
Acting Head	Department of Animal Science, Faculty of Agriculture, University of Peradeniya (Dec, 2003; Jul-Aug, 2007; Apr-Jun, 2008; Aug-Sept & Dec, 2012)
Coordinator	Faculty of Agriculture Undergraduate Research Symposium (FAuRS-2017), University of Peradeniya
Deputy Director	Agricultural Biotechnology Centre, University of Peradeniya (2002/03)
Coordinator	FAO/DAPH/UoP (FAO; Department of Animal Production and Health, Ministry of Livestock Development, Sri Lanka; and Department of Animal Science, University of Peradeniya, Sri Lanka) collaborative project (FAO-TCP/SRL/3204) on "Dairy Cattle and Buffalo Improvement" in Central and North Western Provinces (2011-2012).
Member	Steering Committee, Golden Jubilee Celebrations and Exhibition, Faculty of Agriculture, University of Peradeniya (1997/98)
Member	Management Committee for <i>Istituto Cooperazione Economica Internazionale & Overseas</i> (ICEI/Overseas) and University of Peradeniya collaborative project on "Establishment of a Dairy Farmers Network and a Milk Processing Unit" (2012-2013).
Coordinator	Annual Student Research Sessions, Department of Animal Science, University of Peradeniya (1998)
Member	Computer Unit Management Committee, Faculty of Agriculture (2013)
Chairman	Time Table Committee, Faculty of Agriculture (2009-2012)

Chairman	Technical Evaluation Committee for Purchasing of Animal Feeds to the Faculty of Veterinary Medicine and Animal Science, University of Peradeniya (2011/2012)
Member	Faculty Research Committee as the Head/Animal Science, Faculty of Agriculture (2012)
Member	Technical Evaluation Committee of NRC Research Grant 11-149, Faculty of Agriculture (2012)
Chairman	Computer Unit Management Committee, Faculty of Agriculture (2000/01, 2008/09)
President	Peradeniya University Agriculture Teachers' Association (1998/99, 1999/2000)
Secretary	Peradeniya University Agriculture Teachers' Association (1997/98)
Secretary	Student Welfare and Advisory Committee, Faculty of Agriculture (2003/04)
Secretary	Research and Development Committee, Faculty of Agriculture (2000/01, 2001/02)
Member	Main Organizing Committee of Celebrations of "70 Years of Agriculture Higher Education in the Universities of Sri Lanka (1948-2018) & the Services of Mahailuppallama Sub Campus for 50 Years (1968-2018)" on the theme of "Agriculture Beyond Horizon"
Member	Proposal Writing Team (Department of Animal Science, University of Peradeniya) for Quality and Innovation Grants, Higher Education for 21 st Century Project, World Bank and Ministry of Higher Education, Sri Lanka (2011-2013)
Member	Teaching Panel, Board of Study in Statistics and Computer Science, Postgraduate Institute of Science, University of Peradeniya, Sri Lanka (1998-2004)
Member	Teaching Panel, Board of Study in Biostatistics, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka (1998-to date)
Member	Teaching Panel, Board of Study in Animal Science, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka (1997-to date)
Member	Teaching Panel, Board of Study in Agricultural Biology, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka (1997-to date)
Member	Selection Panel for Normal Promotion to the Post of Senior Lecturer Grade I, Department of Sinhala, Faculty of Arts, University of Peradeniya
Chairman	Radio/TV Quiz Programme Committee, Golden Jubilee Celebrations, Faculty of Agriculture, University of Peradeniya (1997/98)
Coordinator	Animal Science Training Sessions for Central Province Advanced Level Agriculture Teachers, organized by the Faculty of Agriculture, University of Peradeniya (1997-99)
Senior Treasurer	Animal Science Students Society, Faculty of Agriculture, University of Peradeniya (2003-2005, 2007-to date)
Senior Treasurer	Aquaculture Society, Faculty of Agriculture, University of Peradeniya (2009-to date)
Senior Treasurer	Chess Club, Faculty of Agriculture, University of Peradeniya (1997-1999)
Member	University Senate, University of Peradeniya (2009-to date)
Member	Scholarship Committee, Faculty of Agriculture, University of Peradeniya (2000-2002)
Member	Computer Management Committee, Faculty of Agriculture, University of Peradeniya (1998-2000, 2002/03, 2013/14)
Member	Curriculum Development Committee, Faculty of Agriculture, University of Peradeniya (2009-2012, 2016)
Member	Publicity and Publications Committee, Faculty of Agriculture, University of Peradeniya (2004/05)
Member	English Language Teaching Unit Committee, Faculty of Agriculture, University of Peradeniya (1998-2000)
Member	Sports Committee of Faculty of Agriculture (1999-2003)
Member	Research and Development Committee of Faculty of Agriculture (2002/03)
Member	Student Advisory and Welfare Committee of Faculty of Agriculture (2003/04)
Member	Library Committee of Faculty of Agriculture (2001/02)
Member	Selection Committee for Special Provisions Intake of Students to the BSc degree in Agricultural Technology and Management (Sept, 2009)

Member	Organizing Committee for Felicitation Ceremony of Professors H. P. M. Gunasena and R.W.A.S.B. Rajaguru, Faculty of Agriculture, University of Peradeniya (2003)
Member	Golden Jubilee Celebrations Steering Committee, Faculty of Agriculture, University of Peradeniya (1997/98)

Undergraduate Level Courses Taught

@ Faculty of Agriculture, University of Peradeniya (1998-todate)

AB/AS 2102	Genetics and Breeding (1997-2004)
AB 2101	Principles of Genetics and Breeding (2007-2009)
AS 1101	Principles and Practices of Animal Production (2007-2013, 2016-2018)
AS 1201	Non Ruminant Management (1997-2004)
AS 2101	Practical Animal Production I (1998-2004)
AS 2202	Poultry and Swine Production (2009-2013, 2016-2017)
AS 3101	Practical Animal Production II (1998-2005)
AS 4101	Genetics and Animal Breeding (1997-1998)
AS 4102	Selection and Breeding of Farm Animals (1999-2004, 2007-2008)
AS 4102	Applied Genetics and Animal Breeding (2009-2013, 2016-2019)
AS 4105	Scientific Research and Communication in Animal Science (2007-2013, 2016-2019)
AS 4106	Recent Advances in Animal Production (1999-2000)
AS 4120	Proposal Formulation and Seminar (1998-1999)
AS 4200	Final Year Research Project (1997-2003, 2006-2013, 2016-2019)
ASF 1105	Industrial Training in Animal Production and Fisheries (2017)
ASF 1107	Principles of Genetics and Breeding (2010-2013, 2016-2019)

@ Faculty of Veterinary Medicine and Animal Science, University of Peradeniya (1997-2000)

ANS 322	Animal Production I (Poultry Management)
ANS 315	Genetics and Breeding Final Year Research Project

@ Faculty of Agriculture, University of Ruhuna (1998-2000)

AS 4101	Recent Advances in Animal Production
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@ Faculty of Applied Sciences, Rajataru University of Sri Lanka (1998-2000)

BIO 2114	Statistical Methods in Biology II
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@ Faculty of Engineering Technology, Open University of Sri Lanka (2013, 2016)

PSZ 3182	Bio Statistics (Units I, II, & III)
PSU 2182	Experimental Designs

Postgraduate Level Courses Taught

@ Postgraduate Institute of Agriculture, University of Peradeniya (1998-todate)

AB 5252	Bioinformatics
AS 5126	Quantitative and Molecular Genetics of Animals
AS 5129	Selection Index and Mixed Model Methodology
AS 5210	Fish Population Dynamics
AS 5211	Genetics and Breeding of Fish
AS 5212	Genetics and Breeding of Poultry
AS 5213	Livestock Breeding
ST 5102	Basic Statistics
ST 5154	Statistical Genetics
ST 5202	Design and Analysis of Experiments

ST 5253	Crop and Animal Experimentation
ST 6151	Variance Component Estimation
PGD 5104	Regression Analysis (<i>for Postgraduate Diploma in Applied Statistics</i>)
AS 637	Biochemical Genetics and Genetic Disorders (<i>revised later</i>)
AS 678	Analysis of Livestock/Fish based Production Systems (<i>revised later</i>)
AB 664	Population Genetics (<i>revised later</i>)
BM 635	Intermediate Applied Statistics (<i>revised later</i>)

Supervision of undergraduate and postgraduate students

Supervisor/Co-supervisor of three PhD students, seven M. Phil students, 15 M.Sc. students of Postgraduate Institute of Agriculture, University of Peradeniya, one M.Sc. student of Postgraduate Institute of Science, University of Peradeniya, and about 30 BSc students who have completed their degrees from Faculty of Agriculture and Faculty of Veterinary Medicine and Animal Science, University of Peradeniya. Also an Examiner in Comprehensive and Thesis Defense examinations of over 50 MSc, MPhil and PhD degree candidates in Animal Science and Biostatistics.

Organizer/Resource person in Workshops & Training Programs

Livestock Production related Workshops/Training Programs

Resource Person in **Four Day Intensive Training Program on Dairy Cattle Bree Improvement**, for field veterinarians of Sri Lanka, as a Breed Improvement Training Specialist for Market Oriented Dairy Project, USDA 'Food for Progress' initiative implemented by IESC (www.iesc.org) and Ministry of Livestock, Sri Lanka, on March 21-23, 2024 at ICE, DAPH, Peradeniya.

Resource person in a series of six **Training Programs on Modern Technology in Dairy Farming** organized by the MILCO (Pvt) Ltd with the support of Ministry of Rural Economic Affairs held on Sept 23, 2017 at Oyamaduwa Mahakashyapa Vidyalyaya; on Sept 24, 2017 at Nochchiyagama Bandaranayake Vidyalaya; on Sept 27, 2017 at Galenbindunuwewa Kanimaduwa Temple; on Sept 30, 2017 at Horoupathana World Vision Auditorium; on October 01, 2017 at AGS Office, Kahatagasdigiliya; and on October 15, 2017 at Maradankadawala Rahula Maha Vidyalaya.

Resource person in **one day teaching program on Animal Breeding and Genetics** for the Animal Science Diploma Students and Teachers at the Sri Lanka School of Animal Husbandry, Department of Animal Production and Health, Seepukulama, Anuradhapura on January 06, 2017.

Resource Person in the **5th Study Abroad Training Program on Sustainable Tropical Agricultural Systems in Sri Lanka"** for the students of Michigan State University (MSU), USA from May 12-June 5, 2017, organized by Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya.

Resource person in **Training Program in Biosystems Technology** for school teachers of North Western Province, on December 22, 2016 organized by Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya.

Resource person in **Training Program in Agriculture** for school teachers of North Western province, on December 20, 2016 organized by Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya.

Resource person in Dairy Farmer Training Program under '**Kiri Govi Diriya**' Dairy Development Program organized by Nestle Lanka Pvt. Ltd. on June 27, 2016.

<<http://www.dairyreporter.com/Manufacturers/Nestle-launches-dairy-development-program-in-Sri-Lanka>.

Resource person in three One day Training Programs on Strategies in Feeding, Reproduction and Breeding for Efficient Production in Dairy Cattle, held on May 04, 06 and 09, 2016 at the Department of Animal Science, University of Peradeniya, jointly organized for the dairy farmers in Walapane division by the Sri Lanka Association of Animal Production and World Vision Lanka.

Resource person in **Two-day Residential Training Programs on Agriculture** for Field Officers of the Ministry of Economic Development, Sri Lanka, held on November 04-05, 2013, organized by the Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya and funded by Second Community Development and Livelihood Improvement Project, Ministry of Economic Development, Sri Lanka.

Resource Person in the **2nd Study Abroad Training Program on Sustainable Tropical Agricultural Systems in Sri Lanka**" for the students of Michigan State University (MSU), USA on May 20, 2013, organized by Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya.

Resource person in **Certificate Courses on General Agriculture for Rural Youth** held on Jan 24-Mar 22, 2012 and May 05-July 03, 2012, organized by the Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya and funded by Second Community Development and Livelihood Improvement Project, Ministry of Economic Development, Sri Lanka.

Resource person in **Four-day Residential Training Programs on Agriculture** for Field Officers of the Ministry of Economic Development, Sri Lanka, held on July 02-05, 2012 and Dec 10-13, 2012, organized by the Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya and funded by Second Community Development and Livelihood Improvement Project, Ministry of Economic Development, Sri Lanka.

Resource person in the **Farmer Training Program on Animal Science**, held on February 27-March 02, 2012 at the Department of Animal Science, organized by the Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya.

Resource person in the Workshop on Revision of Research Priorities in Livestock, Aquaculture and Fisheries (Animal Breeding and Reproduction Sector), held on November 23, 2010 at Institute of Continuing Education, Getambe, organized by the Sri Lanka Council for Agricultural Research Policy, Ministry of Agriculture, Sri Lanka.

Resource person in the **Training Program on Theory and Practical on Animal Husbandry and Tissue Culture** for the G.C.E. (O/L) Teachers in the Hanguranketha Education Zone, held on November 02-04, 2010, organized by the Agriculture Education Unit of Faculty of Agriculture, University of Peradeniya.

Resource person in the **Training Program on Theory and Practical on Animal Husbandry/Management (Cattle, Goat, Swine, Poultry)** for the G.C.E. (O/L) Teachers in the Gampola Education Zone, held on October 20-21, 2010, organized by the Agriculture Education Unit of Faculty of Agriculture, University of Peradeniya.

Resource person in the **Training Program on Dairy Cattle Management and Milk Processing & Value Addition**, held on October 22-27, 2010, organized by the Sri Lanka Association of Animal Production, under the NECCDEP Project funded by Asian Development Bank via the Ministry of Agriculture, Animal Production & Development, Rural Industries Development and Fisheries, Eastern Province.

Resource person in the Training program for school children under **Communities for Peace (C4P) festival**, held on July 3-4, 2010, at the Faculty of Agriculture, University of Peradeniya, organized by the UNDP Transition Recovery Programme, Sri Lanka.

Invited Member of the **Inception Workshop on Dairy Cattle and Buffalo Improvement**, held on March 16, 2010 at Royal Mall Garden, Kandy, under Dairy Cattle and Buffalo Improvement Project (TCP/SRL/3204 (D)) of FAO, Rome and Ministry of Livestock Development, Sri Lanka.

Member of Expert Team to visit and evaluate the **present status of Undugoda State Livestock Farm, Sabaragamuwa Province and to recommend measures to improve productivity**, on June 11 2009, organized by the Sri Lanka Association of Animal Production upon invitation of Honourable Minister of Livestock Development, Sri Lanka.

Resource person in the **Training Program on Dairy Cattle Management and Milk Processing & Value Addition**, held on May 15-20, 2010, organized by the Sri Lanka Association of Animal Production, under the NECCDEP Project funded by Asian Development Bank via the Ministry of Agriculture, Animal Production & Development, Rural Industries Development and Fisheries, Eastern Province.

Resource person in Two-day Training Program on **New Technologies in Livestock Management** held on April 06-07, 2009 at Livestock Field Station, University of Peradeniya, organized by the Sri Lanka Association of Animal Production for Officers of Samurdhi Authority, Sri Lanka.

Resource person in One-day Workshop on **Cattle Management, Milk Recording and Genetic Improvement** held at Government Veterinary Office, Talawakele on Sept. 02, 2008, organized by the Sri Lanka Association of Animal Production for farmers of Talawakele Veterinary Range, Central Province.

Organizer of One-day Workshop on **Dairy Cattle Management** held on July 11, 2008 at Auditorium of Chief Ministry, North Western Province, Kuliyaipitiya, jointly organized by the Sri Lanka Association of Animal Production and Wayamba Human Development Authority, for dairy farmers of Coconut Triangle Farmer Cooperative Society.

Organizer of One-day Workshop on **Dairy Cattle Management** held on April 04, 2008 at *Janakala Kendraya*, Kurunegala, jointly organized by the Sri Lanka Association of Animal Production and Wayamba

- Human Development Authority, for dairy farmers under *Udana* Livestock Project in Kurunegala District.
- Organizer of One-day Workshop on **Dairy Cattle Management** held on March 25, 2008 at Provincial Council Auditorium, North Western Province, jointly organized by the Sri Lanka Association of Animal Production and Wayamba Human Development Authority, for dairy farmers under *Udana* Livestock Project in Kurunegala District.
- Organizer of the SLAAP/MILCO Half-day Technical Session on **Advanced Dairy Cattle Management** for Regional Officers and Assistant Regional Managers of MILCO Pvt. Ltd. held on January 04, 2008 at the Dept. of Animal Science, University of Peradeniya, Peradeniya organized by the Sri Lanka Association of Animal Production.
- Organizer of the SLAAP/CCB Two-day Training Programme on **High Productivity from Livestock Under Coconut Cultivation Through New Technologies** held on October 15-16, 2007 at the Dept. of Animal Science, University of Peradeniya, Peradeniya, organized by the Sri Lanka Association of Animal Production for Sectional Heads, Assistant Sectional Heads, Estate Managers and Associate Officers of the Coconut Cultivation Board (CCB).
- Organizer of the SLAAP/MILCO Two-day Training Programme on **New Technologies in Extension and Dairy Management** held on July 30-31, 2007 at the Dept. of Animal Science, University of Peradeniya, Peradeniya, organized by the Sri Lanka Association of Animal Production, for Extension Officers of MILCO Pvt. Ltd.
- Organizer of the SLAAP/MILCO Two-day Training Programme on **New Technologies in Dairy Management** held on May 21-22, 2007 at the Dept. of Animal Science, University of Peradeniya, Peradeniya, organized by the Sri Lanka Association of Animal Production, for Regional Managers and Assistant Regional Managers of MILCO Pvt. Ltd.
- Organizer of One-day Workshop on **Creating Public Awareness on Avian Influenza** held on Mar 26, 2004 at the Medical Officer of Health Office in Ginigathhena, organized by the Sri Lanka Association of Animal Production, for Medical Officers, Livestock Development Instructors, Public Health Inspectors and Family Health Assistants in Ginigathhena, Nuwara Eliya.
- Organizer of the SLAAP Regional Workshop on **Creating Awareness on Bio-security Measures for Avian Influenza in Poultry** held on March 05, 2004 at Meegahakotuwa Divisional Secretariat Office Auditorium, Kuliypitiya, organized by the Sri Lanka Association of Animal Production, for poultry farmers in Wayamba Province, Sri Lanka.
- Resource person for the **Training Program for Officers of NADSA (Animal Science Module)** organized by the Dept. of Agriculture from Sept. 7 to Nov. 30, 2002 at the Dept. of Animal Science, University of Peradeniya, Peradeniya.
- Resource person for the **Certificate Course offered to the Training Officers of Hadabima Authority** by the Dept. of Agriculture from Sept. 7 to Nov. 30, 2002 at the Dept. of Animal Science, University of Peradeniya, Peradeniya.
- Resource person for the **Diploma Course in Plantation Management** by National Institution of Plantation Management (Poultry Management Module and Animal Science & Livestock Development module) on Nov 11-17, 2002 at Dept. of Animal Science, University of Peradeniya, Peradeniya.
- Resource person at the Special Training Course for Agricultural Officers from Maldives Islands under TCP/MDV/SPP Pilot Project (**Poultry Production Module**) organized by Dept. of Agriculture, Sri Lanka on May 28-29, 2002 at In-Service Training Institute, Gannoruwa, Peradeniya.
- Resource person in the Diploma Course (**Animal Science and Livestock Development Module**) organized by National Institute of Plantation Management offered on May 14-18, 2001 at the Dept. of Animal Science, University of Peradeniya, Peradeniya.
- Resource person of Seminar on **Poultry Management** held on Feb 03, 2001 at *Sri Sddhananda Maha Vidyalaya*, Udubaddawa, organized by the Sri Lanka Association of Animal Production, for poultry farmers in Wayamba Province, Sri Lanka.
- Resource person at the **Farmers' Day-2000** held on June 02, 2000 at the University of Peradeniya, organized by the Sri Lanka Association of Animal Production, Peradeniya.
- Resource person in the Training Workshop on **Cattle and Buffalo Farming** held on March 29-30, 2000 at the Kandalama Hotel, Dambulla organized by the Sri Lanka Association of Animal Production, Peradeniya.
- Resource person in the Diploma Course (**Animal Science and Livestock Development Module**) held at the University of Peradeniya on July 12-18, 1999, organized by the National Institute of Plantation Management, Colombo.

Resource person at the **Workshop for Cattle Owners** of Hambantota District, held on June 21, 1999 at the Training Centre, Dept. of Agriculture, Weerawila, organized by the Alumni Association of Faculty of Agriculture, University of Peradeniya, Peradeniya.

Statistics Related Workshops/Training Programs

Resource person of One day Training Program on **Experimental Design and Data Analysis** held on December 18, 2023 for research scientists of Rice Research and Development Institute, Batalagoda, Sri Lanka

Resource Person of the Pre-Congress Workshop on **Basic Statistics for Field Experiments**, November 10, 2023, 35th Annual Congress, Postgraduate Institute of Agriculture, Sri Lanka.

Resource Person of the Pre-Congress Workshop on **Generating Reliable and Accurate Data in Field Experiments**, October 27, 2023, 35th Annual Congress, Postgraduate Institute of Agriculture, Sri Lanka.

Resource person in Training Program on **Basic Concepts of Statistical Analysis for Social Science Research**, October 12-13, 2023, for research scientists in Center for Poverty Analysis (CEPA), Colombo, Sri Lanka

Resource person in Pre-conference Workshop (5th Annual Scientific Sessions of SLALAS) on **Statistics for Promotion of 3Rs and High-Quality Research** held on January 20-21, 2018 at the Faculty of Medicine, University of Colombo organized by Sri Lanka Association for Laboratory Animal Science.

Resource person in the **Certificate Course in Laboratory Animal Science** held on July 10-14, 2017 at the Faculty of Veterinary Medicine and Animal Science, jointly organized by the Sri Lanka Association for Laboratory Animal Science (SLALAS), Sri Lanka Veterinary Association (SLVA) and Medical Research Institute (MRI), Sri Lanka.

Resource person in Short Course on **Analysis of Data from Surveys** held on November 28-December 03, 2011 at the Renuka Hotel, Colombo 03 organized by the UNICEF, Sri Lanka.

Resource person in Short Course on **Multivariate Methods** held on October 11-15, 2010 at the Postgraduate Institute of Agriculture, University of Peradeniya organized for the staff of the Department of Census and Statistics, Colombo under Statistical Capacity Upgrading Project (STATCAP) of the Department of Census and Statistics, Colombo.

Resource person in Short Course on **Categorical Data Analysis** held on September 13-17, 2010 at the Postgraduate Institute of Agriculture, University of Peradeniya organized for the staff of the Department of Census and Statistics, Colombo under Statistical Capacity Upgrading Project (STATCAP) of the Department of Census and Statistics, Colombo.

Resource person in Short Course on **Social Research Process** held on June 28-July 03, 2010 at the at Postgraduate Institute of Agriculture, University of Peradeniya for research scientists in the field of Sociology.

Resource person in Training program on **Design and Analysis of Experiments** held on June 9-10, 2008 at the In-Service Training Institute, Gannoruwa, Peradeniya for Research Officers of Department of Agriculture.

Resource person in Short Course on **Sampling Techniques, Survey Design and Analysis** held on September 22-26, 2003 at Postgraduate Institute of Agriculture, University of Peradeniya for research scientists in various fields in Sri Lanka applied on open advertisement.

Resource person in the Regional Training Programme on **Applications of Statistics in Agricultural, Medical and Biological Sciences** held from 19th February to 21st March, 2002 at the Postgraduate Institute of Agriculture, Peradeniya for research scientists in various fields in SAARC Countries applied on open advertisement and invitation, sponsored by the Technical Cooperation Programme of the Ministry of Foreign Affairs, Colombo.

Resource person in a **series of Short Courses on Design and Analysis of Experiments** held periodically on July 13-17, 1998; September 06-10, 1999; April 3-7, 2000; and October 22-26, 2001 at the Postgraduate Institute of Agriculture, University of Peradeniya for research scientists in various fields in Sri Lanka applied on open advertisement.

Resource person in a **series of Short Courses on Survey Design and Analysis** held periodically on February 08-12, 1999; May 22-26, 2000; August 21-25, 2000; and May 6-10, 2001 at the Postgraduate Institute of Agriculture, University of Peradeniya for research scientists in various fields in Sri Lanka applied on open advertisement.

- Resource person in the Training Programme on **Statistical Survey, Sampling and Analysis** held on July 24-26, 2000 at the Tea Research Institute, Talawakelle, Nuwara Eliya for the research staff of the Institute.
- Resource person in the Short Course on **Design and analysis of Experiments** held on July 17-19, 2000 at the Postgraduate Institute of Agriculture, organized by Applied Statistics Association of Sri Lanka in collaboration with The Horticulture Crops Research and Development Institute, Dept. of Agriculture, Gannoruwa, Peradeniya.
- Resource person in the Workshop on **Computer Aided Statistical Analysis** held on November 12-13, 1999 at the Faculty of Applied Sciences, Buttala organized for the Academic Staff of the Sabaragamuwa University of Sri Lanka, Buttala.

Workshops on National Policy Development

- Session Chairperson at the Workshop on **Sustainable Dairy Development: A Value Chain Approach**, held on January 13-14, 2020 at the Sri Lanka Institute of Development Administration (SLIDA), jointly organized by All Island Dairy Association, Smallholder Agribusiness Partnership Program (SAPP) under the Ministry of Mahaweli, Agriculture, Irrigation and Rural Development, and Market Oriented Dairy (MOD) Project.
- Resource Person in **Stakeholder Consultation Workshop on Future Directions of Agriculture Extension & Training Center of the Department of Agriculture, Sri Lanka** held on Aug 10, 2018 at ISTI, Gannoruwa, organized by the Department of Agriculture, Peradeniya.
- Resource person for the Review Meeting on **Establishment of Dairy Villages in Nuwara Eliya District**, held on Nov 28, 2008 at Institute of Continuing Education, Gannoruwa, jointly organized by the Ministry of Livestock Development and Sri Lanka Association of Animal Production, Peradeniya.
- Resource person in the Meetings on **Establishment of Dairy Villages in Nuwara Eliya District**, held on Sept 19, 22, 29, and Oct 13, 2008, at Institute of Continuing Education, Gannoruwa, headed by the Honourable Minister of Livestock Development, jointly organized by the Ministry of Livestock Development and Sri Lanka Association of Animal Production, Peradeniya.
- Resource person for the Workshop on **Establishment of an Artificial Insemination (AI) Database**, held on Aug 20, 2008 at Institute of Continuing Education, Gannoruwa, organized by Department of Animal Production and Health, Ministry of Livestock Development, Getambe, Peradeniya.
- Resource person for the Workshop on **Open Herd Sire Selection and Milk Recording** on Feb 10, 2005 at Institute of Continuing Education, Gannoruwa, organized by Department of Animal Production and Health, Ministry of Livestock Development, Getambe, Peradeniya.
- Resource person for the Workshop on **Herd Recording and Selection of High Yielding Cattle and Buffalo Cows (Open Herd Sire Selection)** on Jan 21, 2004 at Institute of Continuing Education, Gannoruwa, organized by Department of Animal Production and Health, Ministry of Livestock Development, Getambe, Peradeniya.
- Chairperson of Second Technical Session on **Risks and Undesirable Effects of GMO and GMF** held on Nov 07, 2003 at the Agricultural Biotechnology Center, University of Peradeniya, organized by the Project on Preparation of the National Bio-Safety Protocol, Ministry of Forestry and Environment.
- Resource person for the Workshop on **Review of Present Status of Crossbreeding Programs with Particular Reference to Artificial Insemination in Dairy cattle and Buffaloes**, held on June 19, 2003 at Institute of Continuing Education, Gannoruwa, organized by Veterinary Research Institute, Gannoruwa, Peradeniya.
- Resource person for the Workshop on **Monitoring of Genetic Resources in Cattle and Buffaloes** on April 29, 2003 at Institute of Continuing Education, Gannoruwa, organized by Department of Animal Production and Health, Ministry of Livestock Development, Getambe, Peradeniya.
- Resource person for the **Workshops on Preparation of Country Report on the Sate of the World's Animal Genetic Resources**, held on Feb 06, 2002 and Sept 12, 2002 at Institute of Continuing Education, Gannoruwa, organized by Department of Animal Production and Health, and National Consultative Committee for Animal Genetic Resources, Sri Lanka.
- Resource person at the Second Workshop on **Swine Industry in Sri Lanka** held on June 22, 2002 at *Ole Food Garden* Hotel, Katunayake, on regional issues related to swine industry, jointly organized by the Sri Lanka Association of Animal Production and All Island Swine Producers' Association
- Resource person at the National Workshop on **Sri Lankan Agriculture for the Next Decade: Challenges and Opportunities**, held on April 04-05, 2002, organized by the Hector Kobbekaduwa Agrarian Research

- and Training Institute in collaboration with The Friedrich Ebert Stiftung and the National Science and Technology Commission, Colombo.
- Resource person at the Participatory Workshop of the Dairy Development Milk Procurement and Processor's Association on **Critical Issues Pertaining to Dairy Industry**, held on November 17, 2001 at Sumithrayo Training Center, Colombo.
- Resource person at the Workshop on **Livestock Sector Biodiversity Action Plan** held on September 05, 2001 at the Institute of Continuing Education, Gannoruwa, organized by the Department of Animal Production and Health, Ministry of Estate Infrastructure and Livestock Development, Gatambe, Peradeniya.
- Resource person at the Workshop on **Reviewing of Legislation Related to Livestock** held on August 27, 2001 at the In-service Training Centre, Gannoruwa, organized by the Ministry of Estate Infrastructure and Livestock Development, Colombo.
- Resource person at the Workshop on **Animal Genetic Resources (Livestock Sector Biodiversity Action Plan)** held on July 03, 2001 at the Institute of Continuing Education, Gannoruwa, organized by the Department of Animal Production and Health and Ministry of Estate Infrastructure & Livestock Development, Colombo.
- Resource person at the **Workshop on Recommendations of Policy in the Livestock Sector Biodiversity**, held on June 17, 2001 at the Institute of Continuing Education, Getambe, organized by the Department of Animal Production and Health, Ministry of Livestock Development and Estate Infrastructure, Getambe, Peradeniya.
- Resource person at the **First Biennial Conference on Science and Technology** held on August 24-27, 2000 at Tangerine Hotel, Kalutara, organized by the National Science and Technology Commission, Rajagiriya Colombo.
- Resource person at the First Workshop on **Swine Industry in Sri Lanka** held on August 12, 2000 at *Kamkaru Sevana*, Katunayake, on regional issues related to swine industry, jointly organized by the Sri Lanka Association of Animal Production and All Island Swine Producers' Association
- Resource person at the **National Workshop on Poultry Industry in Sri Lanka** held on July 27, 2000 at Bandaranaike Memorial International Conference Hall, Colombo, on national issues related to poultry industry, jointly organized by the Sri Lanka Association of Animal Production, *AgEnt* project and All Island Poultry Farmers' Association.
- Invited Expert for **Workshop on Bio-Safety Protocol** held on Apr 20, 2000, at the National Science Foundation, Colombo, organized by the Ministry of Forestry and Environment, Sri Lanka to review the Bio-Safety Protocol with respect to national position before signing the protocol at the COP5, Kenya.
- Resource person at the Preliminary Discussion on **Livestock Breeding in Sri Lanka** held on April 26, 2000, organized by and held at the Department of Animal Production and Health, Ministry of Livestock Development and Estate Infrastructure, Getambe, Peradeniya.
- Resource person at the **First Regional Workshop on Poultry Industry in Sri Lanka (Central Province)** held on January 23, 2000 at Hotel Topaz, Kandy, on regional issues related to poultry industry, jointly organized by the Sri Lanka Association of Animal Production, *AgEnt* project and All Island Poultry Farmers' Association.
- Resource person at the **Workshop to prepare a Five Year Action Plan on Biodiversity Concerns in the Livestock Sector** held on June 10, 1999, jointly organized by the Department of Animal Production and Health and Ministry of Forestry and Environment, Colombo.
- Resource person at the **National Workshop on Dairy Industry of Sri Lanka** organized by the Sri Lanka Association of Animal Production on March 09, 1998 at the Postgraduate Institute of Management, Colombo.
- Resource person at the First Stakeholder Workshop on **Rapid Appraisal of the Sri Lankan Dairy Sub Sector**, held on December 17, 1997 at the Institute of Continuing Education, Gannoruwa, Peradeniya, jointly organized by the Ministry of Livestock Development and Estate Infrastructure, Colombo and ILRI, Kenya.
- Resource person in **Workshop on Goat Breeding and Development** held on Dec 18, 1997 at the at the Institute of Continuing Education, Gannoruwa, Peradeniya, organized by the Department of Animal Production and Health, Ministry of Livestock Development and Estate Infrastructure, Colombo.
- Resource person at the **First Regional Workshop on the Dairy Industry in Sri Lanka (Central Province)** held on August 01, 1997 at the University of Peradeniya, on regional issues related to dairy industry, organized by the Sri Lanka Association of Animal Production, Peradeniya.

Resource person at the **Second Regional Workshop on the Dairy Industry in Sri Lanka (Southern Province)**, held Oct 18, 1997 at the Training Centre, Dept. of Agriculture, Weerawila, on regional issues related to dairy industry, organized by the Sri Lanka Association of Animal Production, Peradeniya.

Resource person at the **Third Regional Workshop on the Dairy Industry in Sri Lanka**, held on Dec 06, 1997 at the Wayamba Campus, Rajarata University of Sri Lanka, Kuliypitiya, on regional issues related to dairy industry, organized by the Sri Lanka Association of Animal Production, Peradeniya.

Resource person at the **Fourth Regional Workshop on the Dairy Industry in Sri Lanka**, held on Dec 20, 1997 at the Training Centre, (*Mahaweli System C*), Girandurukotte, on regional issues related to dairy industry, organized by the Sri Lanka Association of Animal Production, Peradeniya.

Resource person at the **National Workshop on the Dairy Industry in Sri Lanka**, held on Mar 09, 1998 at the Postgraduate Institute of Management, Colombo, organized by the Sri Lanka Association of Animal Production, Peradeniya, on issues related to dairy industry, with participation of invited stakeholders of dairy industry at national level including Deputy Minister of Livestock Development and Estate Infrastructure, Sri Lanka.

Workshops/Training Programs on Science & Education

Resource person in **Training Course on Plant Breeding** on August 2-5, 2016 at the Postgraduate Institute of Agriculture, University of Peradeniya organized by the Board of Study in Agricultural Biology, PGIA, for the researchers in Plant Breeding in Sri Lanka.

Resource person in **Training Course on Applications of Biotechnologies in Livestock and Fisheries** on Sept 22-26, 2008 at the Faculty of Veterinary Medicine & Animal Science, University of Peradeniya organized by the Council for Agricultural Research Policy, Sri Lanka in collaboration with UN-FAO, for the researchers in Biotechnology in Sri Lanka.

Organizer of the SLAAP Workshop on **Values, Taboos and Misconceptions of Meat, Milk, Egg Consumption** held on Sept 02, 2008 at Ayurvedic Dispensary Auditorium, Talawakele, organized by the Sri Lanka Association of Animal Production, for School Teachers and Medical Officers of Talawakele Veterinary Range, Central Province.

Invited Guest at **Nuga Sevana Television Program** of Sri Lanka Rupavahini Corporation, held on April 23, 2008 for general audience on animal product consumption.

Resource person in One day Workshops on **Curriculum Revision for MSc in Aquatic Bio-Resource Management and Aquaculture** held at the Postgraduate Institute of Agriculture (PGIA), on June 01, 2007, Dec 14, 2007, and June 04, 2009, organized by the Board of Study in Animal Science of the PGIA.

Organizer of the SLAAP Workshop on **Values, Taboos and Misconceptions of Meat, Milk, Egg Consumption** held on March 29, 2008 at Divisional Director of Health Services Office, Nuwara Eliya, organized by the Sri Lanka Association of Animal Production, for Family Health Services Assistants in Nuwara Eliya District.

Organizer of the SLAAP Workshop on **Values, Taboos and Misconceptions of Meat, Milk, Egg Consumption** held on July 19, 2007 at Regional Director of Health Services Office, Nuwara Eliya, organized by the Sri Lanka Association of Animal Production, for Public Health Inspectors in Nuwara Eliya District.

Invited Guest as the President/SLAAP at the "*Kamatha*" National Television program on "**Promoting National Milk Consumption**" in celebration of World Milk Day on June 01, 2004 at SIRASA Television Network, Depanama, Pannipitiya, Colombo.

Chairperson of the Session on Risk and Adverse Conditions in Workshop on **Genetically Modified Organisms and Genetically Modified Foods**, held on November 07, 2003 at the Agricultural Biotechnology Centre, University of Peradeniya, organized by National Bio Safety Framework Development Project of Sri Lanka.

Chairperson of the Session on **Uses of rDNA Technology** in the Workshop on Biotechnology for Sri Lanka: Genetically Modified foods and Genetically Modified Organisms, held on April 25, 2003 at the Biotechnology Centre, University of Peradeniya, Peradeniya.

Chairperson of Workshop organized by the Federation of University Teachers' Associations on **Revisions to the Draft Universities Act prepared by the University Grants Commission**, held on September 27, 2002 at Faculty Centre, University of Colombo, Colombo.

Resource person at the **Second Biennial Conference on Science and Technology** on September 05-08, 2002 organized by the National Science and Technology Commission, Rajagiriya, Colombo.

- Coordinator of the Workshop on **Career Guidance and Job Opportunities**, held on June 29, 2002 at the Postgraduate Institute of Agriculture, organized by the Sri Lanka Association of Animal Production, Peradeniya for undergraduates of Faculty of Agriculture and Faculty of Veterinary Medicine and Animal Science, University of Peradeniya.
- Debater at the National Scientific Debate on **Pros and Cons of Importation of Genetically Modified Organisms to Sri Lanka**, held on July 20, 2001 at the Postgraduate Institute of Agriculture, Peradeniya.
- Resource person of **One-day Practical Training Program on Agriculture** on June 30, 2001 at the Faculty of Agriculture, University of Peradeniya, organized by the Alumni Association of Faculty of Agriculture, University of Peradeniya for Advanced Level School Children in Kandy Region.
- Resource person of **One-day Practical Training Program on Agriculture** on June 10, 2001 at Dharmadutha Maha Vidyalaya, Badulla, organized by the Alumni Association of Faculty of Agriculture, University of Peradeniya for Advanced Level School Children in Badulla Region.
- Resource person for the **Career Day Training in Animal Production for Undergraduates** held on October 20, 1999 at the Faculty of Agriculture, University of Peradeniya jointly organized by the Sri Lanka Association of Animal Production, AgEnt project and Agribusiness Centre of the Faculty of agriculture, University of Peradeniya, Peradeniya.
- Resource person in a series of Two-day Residential Certificate Courses on **Commercial Production of Viviparous Fish Species** held for ornamental fish farmers, at the Dept. of Animal Science, University of Peradeniya (Aug 15-16, 1998; Jan 02-03, 1999; Jun 19-20, 1999; Aug 19-20, 2000; Sept 16-17, 2000; Jan 27-28, 2001; Jun 02-03, 2001; Jan 12-13, 2002; Jan 26-27, 2002; Nov 27-28, 2004).

LIST OF PUBLICATIONS

Publications in Refereed Journals

- 1) **Dematawewa, C.M.B.**, U.D. Ramanayake, L.W.N. Samaranayake, P.G. Senevirathna, A.G. Priyantha, K.W. Vithanage, M.P.G.G.M. Jayathilaka and G.L.L.P. Silva. 2023. Mutlitrail genetic evaluations of dairy cattle crossbred progeny in Sri Lanka for milk and constituents using test day model approach. In: Viljoen, G., Garcia Podesta, M. & Boettcher, P. (eds). *International Symposium on Sustainable Animal Production and Health. Current Status and Way Forward. Vienna, Austria, 28 June to July 2021*. Rome, FAO. 180-184 pp. <https://doi.org/10.4060/cc2530en>.
- 2) Pathirana, M.L., **C.M.B. Dematawewa**, K. Sekijima, M. Sadakata, Y. Muramatsu, and N. Fujiwara. 2022. Impact of solid fuel usage on respiratory symptoms among reproductive aged women: a cross-sectional study in Sri Lanka. *BMC Public Health*. 22(1):1-13.
- 3) Pathirathna, M.L., B.P.P. Samarasekara, C. Mendis, **C.M.B. Dematawewa**, K. Sekijima, M. Sadakata, Y. Muramatsu and Naoshi Fujiwara. 2022 Is biomass fuel smoke exposure associated with anemia in non-pregnant reproductive-aged women? *PLoS One*. 2022 Aug 19:17(8):e0272641.doi: 10.1371/journal.pone.0272641.eCollection 2022.
- 4) Siriwardana, A.N., T.S. Samarakone, G.L.L.P. Silva, **C.M.B. Dematawewa**, B.V.R. Punyawardena, B. Marambe, U. Nidumolu, M. Howden. 2022. Use of traditional knowledge in weather prediction and averting climate risks: A case study in livestock-based smallholder farming systems in Sri Lanka. *JSFA Reports*. 2:291-300 (onlinelibrary.wiley.com/doi/epdf/10.1002/jsf2.51).
- 5) Jayawardana, J.M.D.R., R.H.W. Nadeeshani, K.M.N.T.K. Bandara, D.D. Jayasena and **C.M.B. Dematawewa**. 2022. Factors affecting the changes in meat and meat product consumption of high school students: A logistic regression analysis. *Journal of Agriculture and Value Addition*. 5(2):16-29.
- 6) Ranasinghe, R.M.S.B.K., R.M.C. Deshapriya, D.I. Abeygunawardana, R. Rahularaj and **C.M.B. Dematawewa**. 2021. Subclinical mastitis in dairy cows in major milk-producing areas of Sri Lanka: Prevalence, associated risk factors, and effects on reproduction. *J. Dairy Sci*. 104(12):12900-12911.
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- 8) Silva, G.L.L.P. and **C.M.B. Dematawewa**. 2020. Livestock and poultry to assure sustainability in the food system. In: *Agricultural Research for Sustainable Food Systems in Sri Lanka. Vol 1. A Historical Perspective* (eds. B. Marambe, J. Weerahewa, W.S. Dandeniya). Springer Nature Singapore Pte Ltd, Singapore. pp. 303-332 (<https://doi.org/10.1007/978-981-15-2152-2>)
- 9) Walugembe, M., F. Bertolini, **C.M.B. Dematawewa**, M.P. Reis, A.R. Elbeltagy, A.R. Schmidt, S.J. Lamont and M.F. Rothschild. 2019. Detection of selection signatures among Brazilian, Sri Lankan, and Egyptian chicken populations under different environmental conditions. *Frontiers in Genetics* 14(9):737 doi: 10.3389/fgene.2018.00737.
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- 12) **Dematawewa, C.M.B.** and P. Silva. 2018. Performance evaluation of Kottukachchiya, a rapidly vanishing indigenous goat breed in Sri Lanka. *Proceedings of World Congress on Genetics Applied to Livestock Production. Digital Archive Volume Strategies for Local Breeds 2*, 11:688-692. <<http://www.wcgalp.org/>>.
- 13) Kurukulasuriya, M.S., P. Silva, **C.M.B. Dematawewa**, H.B.S. Ariyaratne, R.P.V.J. Rajapakse, S.H.G. Wickramaratne, L.J.P.A.P. Jayasooriya, D.M.S. Munasinghe, L.G.S. Lokugalappatti, and D.R. Notter. 2018. Responses of Sri Lankan indigenous goats and their Jamnapari crosses to artificial challenge with *Haemonchus contortus*. *Veterinary Parasitology: Regional Studies and Reports*. 11:41-48.
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- 17) Perera, W.N.U. and **C.M.B. Dematawewa**. 2017. Thermal comfort differences in poultry houses and its influence on growth performance of broiler strains. 3rd International Conference on Agricultural and Food Engineering. August 23-25, 2016. Kuala Lumpur, Malaysia. *Acta Horticulturae*. 1152:415-420. <https://doi.org/10.17660/ActaHortic.2017.1152.56>.
- 18) Liyanage, R.P., **C.M.B. Dematawewa** and G.L.L.P. Silva. 2015. Comparative study of morphological and morphometric features of village chicken in Sri Lanka. *Tropical Agricultural Research*, 26(2):261-273.
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- 20) Subalini, E., G.L.L.P. Silva, and **C.M.B. Dematawewa**. 2013. Molecular characterization of native swine types in Sri Lanka. *Tropical Agricultural Research*, 24(2): 175-185.
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- 23) Ranasinghe, R.M.S.B.K., T. Nakao, K. Yamada, K. Koike and **C.M.B. Dematawewa**. 2011. Characteristics of prolonged luteal phase identified by milk progesterone concentrations and its effects on reproductive performance in Holstein cows. *J. Dairy Sci.* 94:116-127.
- 24) Bandara, D.M.D.S., S. Premaratne, and **C.M.B. Dematawewa**. 2011. Production and economic characteristics of intensive and semi-intensive dairy cattle management systems in vegetable based farming system in Welimada, Sri Lanka. *Tropical Agricultural Research*. 22(3):314-323.
- 25) Weerasinghe, N.W.S.P. and **C.M.B. Dematawewa**. 2010. Estimation of genetic parameters for reproductive traits in Friesian and Jersey nucleus herds in upcountry, Sri Lanka. *Sri Lanka Journal of Animal Production*. 6(1): 63-74.
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- 29) Silva, P., **C.M.B. Dematawewa**, A. Goonawardena, A.D.N. Chandrasiri and A. Pushpakumara. 2009. Production systems and characteristics of indigenous small ruminants in Sri Lanka. *FAO/IAEA International Symposium on Sustainable Improvement of Animal Production and Health*. IAEA INIS Repository RN:41046507. Issue: IAEA-CN-174. DOI: https://inis.iaea.org/search/search.aspx?orig_q=RN%3A41046507
- 30) Wickremasinghe, E.S., **C.M.B. Dematawewa** and U. Edirisinghe. 2009. Illegal Fishing Practices: A Case Study in Sorabora Reservoir, Sri Lanka. *Sri Lanka Journal of Animal Production*. 05(01):27-44.
- 31) **Dematawewa, C.M.B.**, E.S. Wickremasinghe, and U. Edirisinghe. 2008. Some effects of seasonal hydro-climatic factors on catchability of fish in minor-perennial Sorabora reservoir, Sri Lanka. *Sri Lanka Journal of Animal Production* 04(01):39-53.
- 32) Weerasinghe, W.M.S.P. **C.M.B. Dematawewa**, D.V.S. de S. Gamage, R.M.S. Malkanthi, W.P.D.K. Fernando and A.D.N.Chandrasiri. 2008. Factors affecting reproductive efficiency of Friesian and Jersey cattle in up country, Sri Lanka. *Sri Lanka Journal of Animal Production*. 04(01):10-22.
- 33) **Dematawewa, C. M. B.**, R.E. Pearson, and P. M. VanRaden. 2007. Modeling extended lactations of Holsteins. *J. Dairy Sci.* 90:3924-3936.
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- 35) VanRaden, P.M., **C.M.B. Dematawewa**, R.E. Pearson, and M.E. Tooker. 2006. Productive life including all lactations and longer lactations with diminishing credits. *J. Dairy Sci.* 89:3213-3220.
 - 36) **Dematawewa, C.M.B.** 2006. Potential of village chicken in poverty alleviation. *Sri Lanka Journal of Animal Production*. Vol. 02 (Special Issue):25-52.
 - 37) Sundarabarathy, T.V., U. Edirisinghe, and **C.M.B. Dematawewa**. 2005. Breeding and larval rearing of threatened, endemic fish Stonesucker, *Garra ceylonensis* (Bleeker). *Aquaculture Research*. 36:196-201.
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 - 39) Sumith Kumara, A. G. L. A., U. Edirisinghe, and **C. M. B. Dematawewa**. 2005. Effects of stocking density and application of chicken manure and cowdung on the growth of Goldfish (*Carassius auratus*) post-larvae. *Tropical Agricultural Research and Extension*. 8:45-52.
 - 40) Abeygunawardena, H., and **C.M.B. Dematawewa**. 2004. Pre-pubertal and postpartum anestrus in tropical Zebu cattle. *Animal Reproduction Science*. 82-83 (2004): 373-387.
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 - 42) Sundarabarathy, T.V., U. Edirisinghe, and **C.M.B. Dematawewa**. 2003. Study on the colour enhancement of a Sri Lankan endemic fish, *Puntius tittaya* (Deraniyagala), (Cherry Barb) under indoor and outdoor conditions. *Journal of Aquaculture*. 11:1-5.
 - 43) Sumith Kumara, A.G.L.A., U. Edirisinghe and **C.M.B. Dematawewa**. 2003. Effect of chicken manure and cow dung on water quality, pond productivity, and growth and survival of Goldfish (*Carassius auratus*) fry. *Tropical Agricultural Research*. 15:242-255.
 - 44) Parameshwaran, K., U. Edirisinghe and **C.M.B. Dematawewa**. 2002. Replacement of cod liver oil with soybean or coconut oil in diets of larval goldfish, *Carassius auratus L.* *Tropical Agricultural Research and Extension*. 5(1&2):62-67.
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 - 46) Sundarabharathy, T.V., U. Edirisinghe, **C.M.B. Dematawewa** and K.G. Nandasena. 2001. Morphology and some biological aspects of Common Spiny or Lesser Loach (*Lepidocephalichthys thermalis*) and Banded Mountain or Spotted Loach (*Schistura notostigma*) of Sri Lanka. *Tropical Agricultural Research*. 13:411-420.
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 - 48) Weerasooriya, A.C., U. Edirisinghe, P. Silva and **C.M.B. Dematawewa**. 1999. Feeding behaviour and acceptability of different feeds by *Puntius nigrofasciatus*. *Tropical Agricultural Research*. 9:221-228.
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- 1) Spoelstra, M., J. Solkner, H. Bovenhuis, B. Babigumira, K. Periasamy, **C.M.B. Dematawewa**. 2022. Estimation of breed admixture levels in Sri Lanka cattle and its relation to performance traits. Proceedings of 12th World Congress on Genetics Applied to Livestock Production (WCGALP), Technical and species oriented innovations in animal breeding and contribution of genetics to solving societal challenges., Wageningen Academic Publishers, The Netherlands. 1745-1748pp.
- 2) Silva, G.L.L.P., M.S. Kurukulasuriya, P.R.M.K. Fernando and **C.M.B. Dematawewa**. 2022. Combining demographic, production and molecular investigations in genetic improvement: case study in indigenous chicken. Proceedings of 12th World Congress on Genetics Applied to Livestock Production (WCGALP), Technical and species oriented innovations in animal breeding and contribution of genetics to solving societal challenges., Wageningen Academic Publishers, The Netherlands. 1921-1924pp.
- 3) **Dematawewa, C.M.B.**, U.D. Ramanayake, L.W.N. Samaranayake, P.G. Senevirathna, A.G. Priyantha, K.W. Vithanage, M.P.G.G.M. Jayathilaka and G.L.L.P. Silva. 2021. Multitrait genetic evaluations of AI born crossbred offspring in Sri Lanka for milk and constituents using test day model approach. Proceedings of the International Symposium on Sustainable Animal Production and Health. Current Status and Way Forward. Held on 28 June-2 July 2021. Organized by the Joint FAO/IAEA Programme. Book of Synopses. Abstr. 391p.
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- 10) Perera, P.A.C.T., C.M.B. Dematawewa, T.V. Sundarabarathy, S.P. Kodituwakku and U. Edirisinghe. 2021. Effect of exotic Tilapia (*Oreochromis* spp.) of the population of native fish, climbing perch (*Anabas testudineus* Bloch, 1792) in Malwatu Oya-Nachcaduwa floodplain. Proc. 33rd Postgraduate Institute of Agriculture Annual Congress, Nov 17, 2021, Peradeniya. 15p.
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- 1 Title: Agricultural Research for Sustainable Food Systems in Sri Lanka
 Editors: B. Marambe, J. Weerahewa and W.S. Dandeniya
 Chapter: **Livestock and Poultry to Assure Sustainability in the Food System (Chapter 13)**
 Authors: G.L.L.P. silva and **C.M.B. Dematawewa**
 Year: 2020
 Publisher: Springer Nature Singapore Pte Ltd., Singapore

- 2 Title: **Monograph on Indigenous Chicken in Sri Lanka**
 Authors: P. Silva, R.P. Liyanage, R. Senadheera and **C.M.B. Dematawewa**
 Year: 2016
 Publisher: UNEP-GEF-ILRI FAnGR Asia Project, University of Peradeniya, Sri Lanka

2. Title: Indigenous Animal Genetic Resources of Sri Lanka-Status, Potential and Opportunities
 Chapter: **Farm Animal Genetic Resources (Chapter 1)**
 Editor: P. Silva
 Authors: P. Silva, **C.M.B. Dematawewa** and N. Chandrasiri
 Year: 2010
 Publisher: GEF-UNEP-ILRI-FAnGRAsia Project, ILRI, Kenya

3. Title: **Swine Industry in Sri Lanka**
 Authors: **C.M.B. Dematawewa**, G.L.L.P. Silva and A.S. Premasundara

- Year: 2010
 Publisher: Department of Animal Production and Health, Ministry of Livestock Development, Sri Lanka
4. Title: **Revised National Breeding Policy Guidelines**
 Authors: **C.M.B. Dematawewa**, (and all members of National Animal Breeding Committee)
 Year: 2011
 Publisher: Department of Animal Production and Health, Ministry of Livestock Development, Sri Lanka
5. Title: Mathematical Modeling in Nutrition and Agriculture
 Editors: M.D. Hanigan, J.A. Novotny, and C.L. Marstaller
 Chapter: **Modeling group-average lactation curves for milk, fat, and protein yields of Holsteins with extended lactations (Chapter 16)**
 Authors: **C.M.B. Dematawewa**, R. E. Pearson, and P. M. VanRaden
 Year: 2007
 Publisher: Virginia Polytechnic Institute and State University, Blacksburg, USA
6. Title: **Status, Trends Utilization and Performance of Farm Animal Genetic Resources (FAnGR) in Sri Lanka**
 Authors: L.P. Silva and **C.M.B. Dematawewa**
 Year: 2004.
 Publisher: International Livestock Research Institute (ILRI), Nairobi, Kenya.
7. Title: **Handbook on Survey Design and Analysis**
 Authors: R.O. Thattil, S. Samita, **C.M.B. Dematawewa**, L.H.P. Gunaratne, C. Sivayoganathan, T.S.G. Peiris and C.W.J. Chandrasiri
 Year: 1999
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 Authors: R.O. Thattil, S. Samita, L.H.P. Gunaratne, **C.M.B. Dematawewa** and C.W.J. Chandrasiri
 Year: 1999
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9. Title: **Genetically Modified Foods: A Breakthrough in Biotechnology**
 Authors: A. Yatigamma, **C.M.B. Dematawewa** and M.C.N. Jayasuriya
 Year: 2001
 Publisher: National Science and Technology Commission, Sri Lanka
10. Title: National Action Programme for Combating Land Degradation in Sri Lanka.
 Chapter: **Present Status of Animal Breeding Programs for Dry and Arid Zones**
 Authors: L.P. Silva and **C.M.B. Dematawewa**
 Year: 2002
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11. Title: **Dairy Cattle and Buffalo Improvement**
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 Year: 1998
 Publisher: Department of Animal Production and Health, Ministry of Livestock and Infrastructure Development, Peradeniya, Sri Lanka

13. Title: **Comparison of the Performance of Ayrshire breed in Up Country , Sri Lanka**
 A Technical Report submitted to the National Animal Breeding Committee, Ministry of Livestock Development and Estate Infrastructure, Sri Lanka
 Authors G. L. L. P. Silva and **C.M.B. Dematawewa**
 Year: 2000.

Editor-in-Chief of Scientific Publications

1. Journal: **Sri Lanka Journal of Animal Production**
 Year: 2009/2010
 Publishers: Sri Lanka Association of Animal Production
2. Journal: **Tropical Agricultural Research**
 Year: 2004
 Publishers: Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka.
3. Journal: **Proceedings and Abstracts of Annual Research Sessions of Faculty of Agriculture**
 Year: 2000
 Publishers: Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka.
4. Journal: **Proceedings of Annual Student Seminars** of the Dept. of Animal Science
 Year: 1998
 Publishers: Department of Animal Science, University of Peradeniya, Peradeniya, Sri Lanka.
5. Document: **Invited Presentations. Fifteenth Annual Congress**, Postgraduate Institute of Agriculture, University of Peradeniya
 Year: 2003
 Publishers: Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka.

Member in Editorial Boards

1. Journal : **Tropical Agricultural Research**
 Years: 2002-2003, 2007-2014 (Volumes 14-15, and 16-26)
 Publishers: Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka.
2. Journal: **Sri Lanka Journal of Animal Production**
 Years: 2008, 2009 (Volumes 4-5)
 Publisher: Sri Lanka Association of Animal Production, University of Peradeniya, Sri Lanka
3. Journal : **Book of Abstracts, Tenth Annual Scientific Session**
 Years: 2008
 Publishers: World's Poultry Science, Sri Lanka Branch, Colombo, Sri Lanka.
4. Journal : **Proceedings and Abstracts of Annual Research Sessions of University of Peradeniya**
 Years: 2001
 Publishers: University of Peradeniya, Sri Lanka.
5. Journal : **Proceedings and Abstracts of Annual Research Sessions of Faculty of Agriculture, University of Peradeniya**
 Years: 2017, 2019
 Publishers: Faculty of Agriculture, University of Peradeniya, Sri Lanka.

6. Journal : **Proceedings of Annual Student Seminars**
 Years: 1999-2004, 2007-2012
 Publishers: Department of Animal Science, University of Peradeniya, Sri Lanka.

Reviewer of Manuscripts in Scientific Journals

1. Journal: Journal of Dairy Science
 Publisher: American Dairy Science Association, Illinois, USA
2. Journal: ANIMAL, An International Journal of Animal Bioscience
 Publisher: CAMBRIDGE Journals
3. Journal: Acta Veterinaria Belgrade
 Publisher: University of Belgrade, Serbia
4. Journal: Tropical Agricultural Research
 Publisher: Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka
5. Journal: The Sri Lanka Veterinary Journal
 Publisher: Sri Lanka Veterinary Association, Colombo, Sri Lanka
6. Journal: Journal of Agricultural Sciences
 Publisher: Sabaragamuwa University of Sri Lanka, Belihuloya, Sri Lanka
7. Journal: Sri Lanka Journal of Animal Production
 Publisher: Sri Lanka Association of Animal Production, University of Peradeniya, Sri Lanka
8. Journal: Tropical Agricultural Research and Extension
 Publisher: University of Ruhuna, Kamburipitiya, Sri Lanka
9. Proceedings: South Asian Symposium on Sustainable Environmental Management 2016.
 Publisher: Center for Environmental Studies (CES), University of Peradeniya
10. Proceedings: Proceedings of the 20th Annual Symposium of the Department of Agriculture-ASDA 2018
 Publisher: Department of Agriculture, Peradeniya
11. Proceedings: Proceedings of PGIS Research Congress-2014
 Publisher: Postgraduate Institute of Science, University of Peradeniya, Sri Lanka
12. Proceedings: Proceedings of Peradeniya University Research Sessions – 2016
 Publisher: University of Peradeniya, Sri Lanka
13. Proceedings: Proceedings of the International Symposium of Faculty of Agriculture, University of Ruhuna - 2010
 Publisher: Faculty of Agriculture, University of Ruhuna, Sri Lanka
14. Proceedings: Proceedings of the Conference of Agricultural Sciences organized by the Faculty of Agricultural Sciences, Sabaragamuwa University of Sri Lanka - 2014
 Publisher: Faculty of Agricultural Sciences, SUSL, Sri Lanka
15. Proceedings: Proceedings of the International Conference of Sabaragamuwa University of Sri Lanka - 2015
 Publisher: Sabaragamuwa University of Sri Lanka
16. Proceedings: Proceedings of the 67th Annual Scientific Sessions of the Sri Lanka Veterinary Association - 2015
 Publisher: Sri Lanka Veterinary Association
17. Proceedings: Proceedings of the South Asian Symposium on Sustainable Environmental Management - 2016
 Publisher: Center for Environmental Studies, University of Peradeniya
18. Proceedings: Proceedings of the International Symposium on Agriculture and Environment (ISAE) - 2013
 Publisher: Faculty of Agriculture, University of Ruhuna, Sri Lanka

Collaborative Research Grants

1. Research Contract (No. 24842) from International Atomic Energy Agency, Vienna, Austria on “Determining the genomic breed composition of crossbred cattle in national cattle breeding program in Sri Lanka” awarded to G.L.L.P. Silva and **C.M.B. Dematawewa** of Dept. of Animal Science, University of Peradeniya (2022-2024)
2. Research Contract (No. 20660/RO) from International Atomic Energy Agency, Vienna, Austria on “Use of Nuclear Tools to Enable for Selection of Dairy Cattle with High Productivity in Sri Lanka” awarded to **C.M.B. Dematawewa** and G.L.L.P. Silva of Dept. of Animal Science, University of Peradeniya, S.H.G. Wickramarathna of Department of Animal Production and Health, Getambe, and H.W. Cyril, National Livestock Development Board, Sri Lanka (2016-2020)
3. Research Grant (URG/2018/06/AHS) from the University of Peradeniya titled "Effects of Biomass Fuel Smoke Exposure on Respiratory Health Among Reproductive Aged Women in Central Province, Sri Lanka", awarded to M.L. Pathirana, Ayesha Jayasinghe, **C.M.B. Dematawewa** of University of Peradeniya and Meiko Sadakata, Yoshiyuki Muramatsu and Naoshi Fujiwara of Niagata University, Japan.
4. Research Grant (NRC 13-156) from National Research Council, Sri Lanka titled “Effect of Hydrological Regimes on Fish Yield and Livelihood of Fishing Communities of Victoria Reservoir and Implications for Management” awarded to **C.M.B. Dematawewa**, U. Edirisinghe and E.S. Wickremasinghe, Dept. of Animal Science, University of Peradeniya, Sri Lanka (2013-2015).
5. Research Grant (NARP/12UP/AG03) from Center for Agricultural Research Policy, Sri Lanka titled "Ex situ conservation and Nucleus Herd Establishment for Kottukachchiya Breed of Goats in Sri Lanka" awarded to **C.M.B. Dematawewa**, G.L.L.P. Silva and H.W.A.S. Senaratne, Dept. of Animal Science, University of Peradeniya, Sri Lanka (2012-2015).
6. Research Grant (16124/RO) from International Atomic Energy Authority, Vienna, titled "Genetic Characterization of Parasitic Resistance in Sri Lankan Indigenous Goats and Their Crossbreds", awarded to P. Silva, **C.M.B. Dematawewa** of Dept. of Animal Science, University of Peradeniya, H.B.S. Ariyaratna, R.P.V.J. Rajapakse, L.G.S. Lokugalappaththi of Faculty of Veterinary Medicine and Animal Science, University of Peradeniya, and S.H.G. Wickramarathna of Department of Animal Production and Health, Ministry of Livestock Development, Sri Lanka (2012-2014).
7. Chief Grantee of the FAO/DAPH/UoP (FAO; Department of Animal Production and Health, Ministry of Livestock Development, Sri Lanka; and Department of Animal Science, University of Peradeniya, Sri Lanka) collaborative project (FAO-TCP/SRL/3204) on “Dairy Cattle and Buffalo Improvement” (2011-2012).
8. Member of Sri Lankan Team in International Grant (4A41/GF10200901) under UNEP-GEF-ILRI FAnGR Asia Project titled “Development and Application of Decision Support Tool to Conserve and Sustainable Use of Genetic Diversity in Indigenous Livestock and Wild Relatives” ; partnered by International Livestock Research Institute, Kenya, Bangladesh Agricultural University, Pakistan Agricultural Research Council, University of Peradeniya, Sri Lanka and National Institute of Animal Husbandry, Vietnam. (2009-2014).
9. Member of collaborative team in Development Grant (2009/3245/ICEI/SLK/004) from *Istituto Cooperazione Economica Internazionale & Overseas* (ICEI/Overseas) and University of Peradeniya collaborative project on “Establishment of a Dairy Farmers Network and a Milk Processing Unit” (2010-2013).
10. Research Grant (NARP/11UP/AG02) from Council for Agricultural Research Policy, Sri Lanka titled "Bioactive compounds from Sri Lankan Herbs and Spices as Alternatives to Antibiotic Growth Promoters in Broiler Chicken" awarded to J.K. Vidanarachchi, K. Samarasinghe, H.W. Cyril, and **C.M.B. Dematawewa**, Dept. of Animal Science, University of Peradeniya, Sri Lanka (2012-2015).
11. Research Grant (NARP/11UP/AG04) from Center for Agricultural Research Policy, Sri Lanka titled "Development of Codes of Practices for Farm Animals and Animal Welfare in Sri Lanka" awarded to T.S. Samarakone, M.P.B. Wijayagunawardena, **C.M.B. Dematawewa**, and M.B.P. Mahipala, Dept. of Animal Science, University of Peradeniya, Sri Lanka (2012-2015).
12. Research Grant (12/582/439) from Council for Agricultural Research Policy, Sri Lanka titled "Genetic and Phenotypic Characterization of Indigenous Cattle Types in Sri Lanka" awarded to L.P. Silva and **C.M.B. Dematawewa**, Dept. of Animal Science, University of Peradeniya, Sri Lanka (2008-2010).

13. Research Grant (B5-SRL-32307) from International Atomic Energy Authority, Vienna, titled "Genetic Characterization of Native Goat and Sheep in Sri Lanka" awarded to P. Silva, and **C.M.B. Dematawewa** of Dept. of Animal Science, University of Peradeniya, A. Gunawardena of Dept. of Animal Science, University of Ruhuna, A.D.N. Chandrasiri, Dept. of Animal Production and Health, Ministry of Livestock Development, and Dr. A. Pushpakumara, Faculty of Veterinary Medicine and Animal Science, University of Peradeniya, Sri Lanka (2008-2010).
14. Research Grant (RG/2007/BT/08) of University of Peradeniya titled "Use of Microsatellites for Identification of Exotic, Domestic and Wild Swine (*Sus scrofa*) meat", awarded to L.P. Silva and **C.M.B. Dematawewa**, Department of Animal Science, University of Peradeniya, Sri Lanka (2007).
15. Research grant from USDA awarded to P.M. VanRaden, Animal Improvement Programs Laboratory, USDA, R.E. Pearson and **C.M.B. Dematawewa**, Virginia Polytechnic Institute and State University, USA to conduct research on "Redefining of trait Productive Life for National Genetic Evaluations of US Holsteins" (2005-2007).
16. Research Grant (RG/2000/09/Ag) of University of Peradeniya titled "Morphological and genetic characterization of native fowl in Sri Lanka", awarded to L.P. Silva, **C.M.B. Dematawewa** of Department of Animal Science, University of Peradeniya, W.R.A.K.J.S. Rajapakshe of Veterinary Research Institute, Peradeniya, and N.A. Atapattu of Dept. of Wildlife Conservation, Ministry of Forestry and Environment, Sri Lanka (2000-2001).
17. Research Grant (RG/99/C-2/20/Ag) of University of Peradeniya, titled "Development of a dual-purpose chicken hybrid by crossing selected local and exotic breeds", awarded to C.M.B. **Dematawewa**, G.L.L.P. Silva, and Mr. M.B.P. Mahipala, Dept. of Animal Science, University of Peradeniya, Sri Lanka (1999).
18. Research Grant (RG/99/23/Ag) of University of Peradeniya titled "Characterizations of egg production potential and egg quality of native chicken found in different regions of Sri Lanka" awarded to A.S.B. Rajaguru, M.P.B. Wijayagunawardena, and **C.M.B. Dematawewa**, Dept. of Animal Science, University of Peradeniya, Sri Lanka (1999).
19. Research Grant (12/391/289) from Council for Agricultural Research Policy, Sri Lanka, titled "Development of Artificial Breeding Techniques for Some Commercially Important Inland Fish Species" awarded to U.Edirisinghe, **C.M.B. Dematawewa**, and L.P. Silva, Dept. of Animal Science, University of Peradeniya, Sri Lanka (1999).

Research Administration

1. Chairperson, National Committee on Livestock, Aquaculture and Fisheries, Sri Lanka Council for Agricultural Research Policy (a national agriculture research grant awarding agency) (2013)
2. Director, Postgraduate Institute of Agriculture, Sri Lanka (2017-2023)
3. Member, Standing Committee on Postgraduate Studies and Research, University Grants Commission, Sri Lanka (2017-to date)
4. Member, Standing Committee on Agriculture, Veterinary Medicine and Animal Science, University Grants Commission, Sri Lanka (2017-to date)
5. Core Group Member, CAPNET Lanka, CAPNET UNDP/GWP
5. Member, Board of Management, University Research Council, University of Peradeniya, Sri Lanka (2020-to date)
6. Member, Board of Management, International Relations Office, University of Peradeniya, Sri Lanka (2020-to date)
7. Member, Intellectual Property Advisory Committee, University of Peradeniya, Sri Lanka (2021-to date)
8. Head, Department of Animal Science, Faculty of Agriculture, University of Peradeniya (2009-2012)
9. Member of Faculty Research and Development Committee, Faculty of Agriculture, University of Peradeniya (2001, 2002, 2012)
10. Member of Proposal Writing Team (University of Peradeniya) for Quality and Innovation Grants, Higher Education for 21st Century Project, World Bank and Ministry of Higher Education, Sri Lanka (2011-2013)
11. Member of Board of Management, Postgraduate Institute of Agriculture, University of Peradeniya (2009-2012).
12. Chairman, Board of Study in Biostatistics, Postgraduate Institute of Agriculture, University of Peradeniya (2009-2012)
13. Chairman, Board of Study in Animal Science, Postgraduate Institute of Agriculture, University of Peradeniya (2009-2012)

14. Member of Management Committee for Istituto *Cooperazione Economica Internazionale & Overseas* (ICEI/Overseas) and University of Peradeniya collaborative project on “Establishment of a Dairy Farmers Network and a Milk Processing Unit” (2010-2013).
15. Deputy Director, Agricultural Biotechnology Center, University of Peradeniya (2002-2003).
16. Member of Project Monitoring Committee and Evaluator of Contract Research Proposals in Animal Science for Sri Lanka Center for Agricultural Research Policy (the main local donor agency of research funding) (2000-2001)
17. Advisor, Poultry Breeding Program at Central Poultry Research Station, Ministry of Livestock Development, Sri Lanka (2011-2013)
18. Member of Steering Committee of National Young Scientist Forum, Sri Lanka (2001, 2002)
19. Member of Review Team for Development and Validation of National Competency Standards for Livestock Sector, Ministry of Youth Affairs and Skills Development, Sri Lanka-2012

Hobbies

Member of University Chess Team – University of Peradeniya (1983-85)
 Member of University Cricket Team – University of Peradeniya (1984-85)
 Member of Edinburgh University Judo Club and Scottish Judo Federation (1988-89)
 Member of Intramural Softball Championship Team, Iowa State University (1995)
 Sports Secretary-Faculty Sports Club and Recreation Center, University of Peradeniya (2002-03)
 President-Faculty Sports Club and Recreation Center, University of Peradeniya (2015-2022)

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