CURRICULUM VITAE

OF

K A DILINI T KULAWANSA

CONTENTS

01. PERSONAL DATA

Full Name   Kodituwakku Arachchige Dilini Thushara Kulawansa

Name with initials   K. A. D. T. Kulawansa

Citizenship   Citizen of Sri Lanka by decent

Postal Address   **Official**   Department of Computational Mathematics

Faculty of Information Technology

University of Moratuwa

Moratuwa

Tel: 0112650301 ext. 8203

0777-316627 (Dialog)

0714-434529 (Mobitel)

E-mail   dilinik@uom.lk   (official)

dilini_kulawansa@hotmail.com   (personal)

kulawansadilini@gmail.com   (personal)

02. <u>EDUCATION</u>

2.1 School

Devi Balika Maha Vidyalaya, Colombo 08

(1978 - 1991)

2.2 University

Department of Mathematics & Statistics, Faculty of Applied Science

University of Sri Jayewardenepura

Gangodawila, Nugegoda

(1994 - 1998)

> **B.Sc. Special Degree in Mathematics**
>
> **Upper Division Second Class Honours**
>
> <u>**Thesis:**</u> **Numerical Methods for Integration**

(Both the following Master Degrees were completed under Fully Funded Scholarships)

Department of Statistics & Computer Science, Faculty of Science

University of Limburgs

Diepenbeek

Belgium

(2001-2004)

> **M.Sc. in Applied Statistics**
>
> **The percentage, weighted by credit points, is 62% - Merit pass**
>
> <u>**Thesis:**</u> **Prognosis of Young Breast Cancer Patients**

Department of Statistics & Computer Science, Faculty of Science

University of Limburgs

Diepenbeek

Belgium

(2002-2004)

> **M.Sc. in Biostatistics**
>
> **The percentage, weighted by credit points, is 63% - Merit pass**
>
> <u>**Thesis:**</u> **Longitudinal study in pain resulting from whiplash**

03. ACADEMIC APPONTMENTS

2008-todate   Senior Lecturer in Mathematics & Statistics

Department of Computational Mathematics

Faculty of Information Technology,   University of Moratuwa, Moratuwa

2012-2015   Head, Department of Computational Mathematics

Faculty of Information Technology,   University of Moratuwa, Moratuwa

2010-2013   Director of Undergraduate Studies

Faculty of Information Technology,   University of Moratuwa, Moratuwa

2009-2012   Head, Department of Computational Mathematics

Faculty of Information Technology,   University of Moratuwa, Moratuwa

2008   Lecturer (Probationary)

Division of Interdisciplinary Studies

Institute of Technology, University of Moratuwa (ITUM), Moratuwa

2005-2008   Senior Lecturer in Mathematics & Statistics

University of London Degree & Diploma Programme

Royal Institute of Colombo, Degree Division

189, Havelock Road, Colombo 05

2000-2001   Lecturer (Temporary) in Statistics & Computer Science

Department of Statistics & Computer Science

Faculty of Science, University of Peradeniya, Peradeniya

1999-2000   Lecturer (Temporary) in Mathematics, Statistics & Computer Science

Department of Physical Sciences, Faculty of Applied Sciences

Sabaragamuwa University of Sri Lanka, Buttala

1998-1999   Instructor (Temporary) in Mathematics, Statistics & Computer Science

Department of Mathematics & Statistics, Faculty of Applied Science

University of Sri Jayewardenepura,   Gangodawila, Nugegoda

04. COURSES TAUGHT

Undergraduate Courses:

(i)   Basic Mathematics

(ii)   Advanced Mathematics

(iii)   Mathematics for Biological and Chemical Sciences

(iv)   Basic Statistics

(v)   Advanced Statistics

(vi)   Computer Studies

(vii)   Estimation, Testing of Hypotheses and Non-Parametrics

(viii)   Statistical Computing

(ix)   Operations Research and Game Theory

(x)   Statistical Packages

(xi)   Sample Surveys, Regression Analysis and Design of Experiments

(xii)   Structured Programming Concepts, Pascal Programming and Data Structures

(xiii)   Statistical Inference and Time Series Analysis

(xiv)   Statistical Applications

(xv)   Statistical Testing and Analysis of Variance

(xvi)   Probability Theory

Postgraduate Courses:

(i)   Mathematics for Artificial Intelligence

(ii)   Computer Applications (MINITAB)

(iii)   Mathematical and Statistical Foundation

Course Materials

Code	Title	Location
Level 1		
CM 1110	Fundamentals of Mathematics & Statistics	Course Materials of these course modules have already been uploaded to the Faculty Moodle. http://moodle.itfac.mrt.ac.lk/
CM 1120	Essentials of Mathematics	
CM 1130	Elements of Statistics	
IT 1704	Mathematics for Information Technology II	
Level 2		
CM 2110	Calculus & Statistical Distributions	Course Materials of these course modules have already been uploaded to the Faculty Moodle. http://moodle.itfac.mrt.ac.lk/
CM 2120	Calculus	
CM 2130	Statistical Distributions & Estimation	
Level 3		
CM 3110	Computational Mathematics	Course Materials of these course modules have already been uploaded to the Faculty Moodle. http://moodle.itfac.mrt.ac.lk/
CM 3120	Computational Statistics	
IT 3704	Statistics & Probability	
IT 3707	Operational Research	
Level 4		
CM 4110	Advanced Topics in Mathematics	Course Materials of this course module has already been uploaded to the Faculty Moodle. http://moodle.itfac.mrt.ac.lk/
CM 4121	Advanced Topics in Statistics	Course Materials of this course module has already been uploaded to the Faculty Moodle. http://moodle.itfac.mrt.ac.lk/
IT 4708	Advanced Mathematics for IT	Course Materials of this course module has already been uploaded to the Faculty Moodle. http://moodle.itfac.mrt.ac.lk/

05. **OTHER QUALIFICATIONS**

2022-2023 Diploma in Counselling, Department of Psychiatry, Faculty of Medical Sciences, University of Sri Jayewardenepura

2019 Induction Training for Senior Lecturers offered by the Staff Development Centre Open University of Sri Lanka (OUSL)

1998 Certificate Course in English, English Language Teaching Unit (ELTU), University of Sri Jayewardenepura

1997 Certificate Course in Computer Literacy, University of Sri Jayewardenepura

1996 Introductory Course in Management, World University Service Branch (WUS), University of Sri Jayewardenepura

1995-1996 Diploma in Computer Programming, Lyceum Computer Centre

1992-1993 Language Course in English, Colombo Law Institute

1990 Diploma in English, Sri Jinaratana Academy

06. **EXPERIENCE**

2008-todate	Senior Lecturer in Mathematics & Statistics (14 years & 11 months)
2018-2019	Visiting Lecturer, University of Kelaniya (8 months)
2018-2019	Visiting Lecturer, Rajarata University of Sri Lanka (6 months)
2017	Visiting Lecturer, University of Sri Jayewardenepura (5 months)
2014-2015	Visiting Lecturer, General Sir John Kotelawala Defence University (1 year & 10 months)
2010-2016	Student Counsellor, Faculty of Information Technology (6 years)
2009-2015	Head of the Department (6 years)
2010-2013	Director of Undergraduate Studies (3 years)
2008	Lecturer (Probationary) in Mathematics & Statistics (7 months)
2005-2008	Senior Lecturer in Mathematics & Statistics (2 years & 8 months)
2000-2001	Lecturer (Temporary) in Statistics & Computer Science (11 months)
1999-2000	Lecturer (Temporary) in Mathematics, Statistics & Computer Science (15 months)
1998-1999	Instructor in Mathematics, Statistics & Computer Science (10 months)

07. **MAJOR RESEARCH INTERESTS**

Research Interests in Mathematics

- Computational Mathematics
- Mathematics Education
- Scientific Computing
- Theory of Computing
- Management Mathematics
- Applications to Industrial Mathematics

Research Interests in Statistics

- Computational Statistics
- Probability theory and its applications
- Foundations of Statistics
- Medical statistics, with special interests in survival analysis
- Computer algebra in probability and statistics
- Teaching of Statistics

08.   CURRENT RESEARCH

- Computer Aided Diagnostic (CAD) systems for Detection of Brain Tumor
- Computer Aided Diagnostic (CAD) systems for Detection of Leukemia
- Data Mining Techniques and Statistical Methods for Diabetes Disease Detection
- Hybrid Intelligent Systems and Data Mining Techniques to predict Blood Pressure
- Neural Networks for Fake News Detection in Social Media
- The role of Internet of Things (IoT) in Sustainable Public Transportation
- The role of Decision Support Systems in refining batting/bowling in Cricket
- The role of Internet of Things (IoT) for Tourism Industry
- The role of Clustering Algorithms (Statistical Clustering) for Big Data Analytics
- Data Mining Tools and Techniques for Big Data Analytics
- Mobile and Web solution for the Online reservation engine incorporating online reservation system and a booking engine
- An Innovative Web Based Hotel Management System (Hotelix)
- Professional Services Listing and Requesting System (Quick Bass)

09.   PUBLICATIONS

(1)   Sandakalum M. K. D. N. P., Fernando B. M. S., Waidyathilaka J. C., Eranga K. K. A., Peiris M. D. U., K. A. Dilini T. Kulawansa, Ideal Lanka – ICT Driven Rural Agriculture Development, in Proceedings of the ITRU Research Symposium, November, 2010, Moratuwa, Sri Lanka, pp 53-59.

(2)   Nanayakkara M. S., Tharaka K. J., Hettige K. H. A., Perera K. H. L. R., Sandalekha M. W. U., K. A. Dilini T. Kulawansa, Ontology based Integrated Methodology for Modelling Dynamic Civilian Data, in Proceedings of the ITRU Research Symposium, November, 2010, Moratuwa, Sri Lanka, pp 60-65.

(3)   Hemarathna H. A. K. M., K. A. Dilini T. Kulawansa, Intelligent Reservoir – Multi Agent Solution for Water Reservoir Management, in Proceedings of Second Joint National Conference on Information Technology in Agriculture, December, 2010, Moratuwa, Sri Lanka, pp 20-24.

(4)   Fernando B. M. S., K. A. Dilini T. Kulawansa, An Agent based approach for Task Management System, in Proceedings of the ITRU Research Symposium, November, 2011, Moratuwa, Sri Lanka, pp 13-19.

(5)   Nanayakkara M. S., K. A. Dilini T. Kulawansa, Agent based Primary Education Supporting Platform, in Proceedings of the ITRU Research Symposium, November, 2011, Moratuwa, Sri Lanka, pp 24-34.

(6)   Tharaka K. J., K. A. Dilini T. Kulawansa, Information System for Cultivation, in Proceedings of 3rd Joint National Conference on Information Technology in Agriculture, December, 2011, Moratuwa, Sri Lanka, pp 6-9.

(7) Sandakalum M. K. D. N. P., Fernando B. M. S., Waidyathilaka J. C., Eranga K. K. A., Peiris M. D. U., K. A. Dilini T. Kulawansa, A Comprehensive Platform for Developing Rural Agriculture, in Proceedings of 3rd Joint National Conference on Information Technology in Agriculture, December, 2011, Moratuwa, Sri Lanka, pp 57-63.

(8) Mohotti W. A., K. A. Dilini T. Kulawansa, An Agent Based Simulation for Home Interior Designing, in Proceedings of Faculty of Architecture International Research Symposium, October, 2012, Moratuwa, Sri Lanka, pp 127-134.

(9) H. D. H. Sandaruwan, K. W. V. Sanjaya, D. R. P. M. Senevirathne, S. W. S. H. Samarathunga, H. M. S. S. Vijesekara, K. A. Dilini T. Kulawansa, Chanaka Pradeep, Intelligence Transport Management System, in Proceedings of the ITRU Research Symposium, November, 2012, Moratuwa, Sri Lanka, pp 36-40.

(10) Manoj Fernando, Achini Perera, Dhanushka Kannangara, Dilshan Jayaweera, Rohan Gunathilake, K. A. Dilini T. Kulawansa, Dileepa Jayathilake, A Technical Framework for Community Geographic Information Systems in Low End Smart Phones, in Proceedings of the ITRU Research Symposium, November, 2012, Moratuwa, Sri Lanka, pp 41-48.

(11) Nanayakkara M. S., K. A. Dilini T. Kulawansa, Multi-Agents to work with Primary Child: Experts Agent Architecture and Implementation, in Proceedings of the 9th Annual session of Sri Lanka Association for Artificial Intelligence (SLAAI), December 2012, The Open University of Sri Lanka, pp 09-20.

(12) A.A.A.S. Adikari, D.C.R. Ailapperuma, P.A.C. Dilhani, K. Umasuthan, M.L.M. Hashmath, K. A. Dilini T. Kulawansa, Sanath A. Fernando, Mobile and Desktop Based Group Messaging System, KDU International Research Symposium 2013, General Sir John Kotelawala Defence University, Ratmalana, pp 242-247.

(13) D.M.R.C.B Dissanayaka, T.L.S Silva, D.G.T.S Rankothge, R.D.G.D.J Ratalakotuwa, S.Y Madurasinghe, K. A. Dilini T. Kulawansa, Sanath A Fernando, Integrated Automobile Service Platform, Proceedings of the ITRU Research Symposium, 2013, pp 54-59.

(14) M.K.D.N.P. Sandakalum, K. A. Dilini T. Kulawansa, A Comprehensive Approach for Mobile Shopping, Proceedings of the ITRU Research Symposium, 2014, pp 55-60.

(15) Ovina Peiris, Dilini Gunasena, Arannya Sivasubramaniyam , K. A. Dilini T. Kulawansa, A Method to Detect Stress using a Personal Mobile Device, Proceedings of the 1st International Conference on Innovations in Info-business and Technology-2016 (ICIIT 2016)

(16) W.A. Mohotti, K. A. Dilini T. Kulawansa, Modelling Bacteria Colony Shape Adaption through Agent Technology, Proceedings of the 1st International Conference on Innovations in Info-business and Technology-2016 (ICIIT 2016)

(17) Sadeepa Kuruppu, Nishadie Gunathilaka , Dhanushi Gaupadhi, Nathali Fernando, K. A. Dilini T. Kulawansa, SA Fernando, Mufitha Buhari , A Web-based Client Management System for a Software Company, Proceedings of the 1st International Conference on Information Technology Research-2016 (ICITR 2016), pp 41-44

(18)   R.K.O.Kaushalya, J.M.G.R Jayabahu, W.M.P.M Weerasinghe, A.M.C.P Herath, K.A.D.T.Kulawansa, M.F.M Firdhous, GuideMe: An Innovative Mobile Application for Guiding Tourists, 2017 Second international Conference on Computing and Communications Technologies (ICCCT'17) held on 23-02-2017 and 24-02-2017, in the Department of Information Technology, Sri Sai Ram Engineering College, Chennai, India

(19)   K.G. Dilini Thamarasee, K. A. Dilini T. Kulawansa, Augmented Reality for Education and Teaching Mathematical Concepts, Proceedings of the 2nd International Conference on Innovations in Info-business and Technology-2017 (ICIIT 2017), pp 88-91

(20)   Amodini S. Ranasinghe, K. A. Dilini T. Kulawansa, Use of Privacy Preservation Techniques in Big Data, Proceedings of the 2nd International Conference on Innovations in Info-business and Technology-2017 (ICIIT 2017), pp 99-104

(21)   R.K.O. Kaushalya, K. A. Dilini T. Kulawansa, Internet of Things (IoT) for Smart Agriculture, Proceedings of the 2nd International Conference on Innovations in Info-business and Technology-2017 (ICIIT 2017), pp 178-183

(22)   H.R.R. Peiris, K. A. Dilini T. Kulawansa, A Review of Augmented Reality Applications for Tourism Industry, Proceedings of the 2nd International Conference on Information Technology Research-2017 (ICITR 2017), pp 43-48

(23)   M.M.A.M. Udeshika, K. A. Dilini T. Kulawansa, A Review of Medical Holographic Technology, Proceedings of the 2nd International Conference on Information Technology Research-2017 (ICITR 2017), pp 49-55

(24)   S.A.D.S. Kaushalya, K.A.D.T Kulawansa, M.F.M. Firdhous, Internet of Things for Epidemic Detection: A Critical review, 3rd International Conference on Computer, Communication and Computational Sciences (IC4S-2018) held on 20th and 21st October, 2018 in Bangkok, Thailand

(25)   G. G. K. W. M. S. I. R Karunarathne, K.A.D.T Kulawansa, M.F.M. Firdhous, Wireless Communication Technologies in Internet of Things: A Critical Evaluation, International Conference on Intelligent & Innovative Computing Applications (ICONIC-2018) held on 6th and 7th December, 2018 in Plaine Magnien, Republic of Mauritius

(26)   W. K. R. Perera, K.A.D.T Kulawansa, A Review of Big Data Analytics for Customer Relationship Management, 3rd International Conference on Information Technology Research (ICITR-2018) held on 6th and 7th December, 2018, Moratuwa, Sri Lanka

(27)   Indunil M Paba Pathirana, Supuni N Samaranayake, E.R.H. Madhusanka, Lahiru T Munasinghe, R.P. Madumali P. Rajapaksha, K A Dilini T Kulawansa, A Web Based Knowledge Sharing System, 8th International Conference on Advances in Computing, Electronics and Communication (ACEC'19), organized by Institute of Research Engineers and Doctors held on 12th and 13th January 2019 in Kuala Lumpur, Malaysia

(28)   Chamathka Dissanayake, Dehami Rathnayake, Nadeesha Dilhani, Udeni Kumarasiri, Nandani Kumari, K A Dilini T Kulawansa, Freelancing System, 8th International Conference on Advances in Computing, Electronics and Communication (ACEC'19), organized by Institute of Research Engineers and Doctors held on 12th and 13th January 2019 in Kuala Lumpur, Malaysia

(29) Madhavi Mihirani, Isuru Dilshan, Dulanga Rajapaksha, Samila Ishara, Pradeep Sanjeewa, K A Dilini T Kulawansa, Collaborative Examination Paper Discussion Platform, 8th International Conference on Advances in Computing, Electronics and Communication (ACEC'19), organized by Institute of Research Engineers and Doctors held on 12th and 13th January 2019 in Kuala Lumpur, Malaysia

(30) Amandee Ellawala, Madushini Premasinghe, Malith Rukshan, Sashan Samarajeewa, Sajith Perera, K A Dilini T Kulawansa, Smart Trading Widgets for Traders, 8th International Conference on Advances in Computing, Electronics and Communication (ACEC'19), organized by Institute of Research Engineers and Doctors held on 12th and 13th January 2019 in Kuala Lumpur, Malaysia

(31) W A T S Kumara, W G D S De Mel, J A D M Jayakody, D J C Jagoda, W A Kalana Heshan, K A Dilini T Kulawansa, Customer Loyalty Program, 8th International Conference on Advances in Computing, Electronics and Communication (ACEC'19), organized by Institute of Research Engineers and Doctors held on 12th and 13th January 2019 in Kuala Lumpur, Malaysia

(32) K.J.H.D. Asiri, K.S. Rishan,, U.A. Hewage , U.K.T. Prasadika , K A Dilini T Kulawansa, Attendance Management System, 8th International Conference on Advances in Computing, Electronics and Communication (ACEC'19), organized by Institute of Research Engineers and Doctors held on 12th and 13th January 2019 in Kuala Lumpur, Malaysia

(33) AKA Wijewickrama, K A Dilini T Kulawansa, A Review of Diagnose Hypertension using Funduscopic Images with Nipping in intersections of Arteries and Veins, 9th International Conference on Advances in Computing, Control and Networking (ACCN'19), organized by Institute of Research Engineers and Doctors held on 20th and 21st July 2019 at University of Westminster, London, United Kingdom

(34) PA Udeshika Madushani Pushpakumara, K A Dilini T Kulawansa, Artificial Intelligence in Astronomy, 9th International Conference on Advances in Computing, Control and Networking (ACCN'19), organized by Institute of Research Engineers and Doctors held on 20th and 21st July 2019 at University of Westminster, London, United Kingdom

(35) L.A.D.C.U. Rathnaweera, K A Dilini T Kulawansa, Bio-inspired Robotics as Assistive Technology to Aid of Differently abled and Elderly People, 9th International Conference on Advances in Computing, Control and Networking (ACCN'19), organized by Institute of Research Engineers and Doctors held on 20th and 21st July 2019 at University of Westminster, London, United Kingdom

(36) S.M.C.T. Siriwardhana, K A Dilini T Kulawansa, Information Technology and Criminal Investigation, 9th International Conference on Advances in Computing, Control and Networking (ACCN'19), organized by Institute of Research Engineers and Doctors held on 20th and 21st July 2019 at University of Westminster, London, United Kingdom

(37) J.R.M. Bogahawatte, K A Dilini T Kulawansa, Virtual Reality in Computational Neuroscience, 9th International Conference on Advances in Computing, Control and Networking (ACCN'19), organized by Institute of Research Engineers and Doctors held on 20th and 21st July 2019 at University of Westminster, London, United Kingdom

(38)   G.A. Amil Dilshan Perera, K A Dilini T Kulawansa, Use of Artificial Intelligence Methods in Ship Design, 9th International Conference on Advances in Computing, Control and Networking (ACCN'19), organized by Institute of Research Engineers and Doctors held on 20th and 21st July 2019 at University of Westminster, London, United Kingdom

(39)   W.A.M. Mihirani, K A Dilini T Kulawansa, Use of Augmented Reality for Learning Chemistry, 9th International Conference on Advances in Computing, Control and Networking (ACCN'19), organized by Institute of Research Engineers and Doctors held on 20th and 21st July 2019 at University of Westminster, London, United Kingdom

(40)   M.M.A.M. Udeshika, K A Dilini T Kulawansa, A Review of Automated Diagnosis of Glaucoma Using Digital Fundus Images, 9th International Conference on Advances in Computing, Control and Networking (ACCN'19), organized by Institute of Research Engineers and Doctors held on 20th and 21st July 2019 at University of Westminster, London, United Kingdom

(41)   M.G.P.M. Samarasinghe, K A Dilini T Kulawansa, Use of IOT for Smart Security Management in Agriculture, 9th International Conference on Advances in Computing, Control and Networking (ACCN'19), organized by Institute of Research Engineers and Doctors held on 20th and 21st July 2019 at University of Westminster, London, United Kingdom

(42)   Manoj Liwera, Chamindu Rathnaweera, Dinushika Dissanayake, Eranga De Saa, Vishmi Perera, K A Dilini T Kulawansa, Lakshitha Udara, Food Ordering and Management System, 9th International Conference on Advances in Computing, Control and Networking (ACCN'19), organized by Institute of Research Engineers and Doctors held on 20th and 21st July 2019 at University of Westminster, London, United Kingdom

(43)   S.S. Dasanayaka, K A Dilini T Kulawansa, Use of Artificial Intelligence for Autonomous Military Robots, 9th International Conference on Advances in Computing, Control and Networking (ACCN'19), organized by Institute of Research Engineers and Doctors held on 20th and 21st July 2019 at University of Westminster, London, United Kingdom

(44)   Dinooli S. Uduwarage, K A Dilini T Kulawansa, P. Botejue, Review of Artificial Intelligence and Machine Learning Applications in Architectural Design, 9th International Conference on Advances in Computing, Control and Networking (ACCN'19), organized by Institute of Research Engineers and Doctors held on 20th and 21st July 2019 at University of Westminster, London, United Kingdom

(45)   M.S.R.P. Dias, K A Dilini T Kulawansa, Big Data and Cloud Computing in Consumer Behaviour Analysis, 9th International Conference on Advances in Computing, Control and Networking (ACCN'19), organized by Institute of Research Engineers and Doctors held on 20th and 21st July 2019 at University of Westminster, London, United Kingdom

(46)   Tharunie De Silva, K A Dilini T Kulawansa, Computational Modeling of Episodic Memory, 9th International Conference on Advances in Computing, Control and Networking (ACCN'19), organized by Institute of Research Engineers and Doctors held on 20th and 21st July 2019 at University of Westminster, London, United Kingdom

(47)   Gayani Dilakshi Dissanayeke, K A Dilini T Kulawansa, A Review of Internet of Things for Water Resource Management with GIS, International Conference on Management and Information Technology (ICMIT), organized by Institute of Research and Journals (IRAJ) held on 2nd September 2019 in Singapore

(48) G A Amil Dilshan Perera, K A Dilini T Kulawansa, A Review of Computer Aided Diagnosis (CAD) Systems for Detection of Lung Cancer Nodules, International Conference on Management and Information Technology (ICMIT), organized by Institute of Research and Journals (IRAJ) held on 2nd September 2019 in Singapore

(49) M G P M Samarasinghe, K A Dilini T Kulawansa, Use of Big Data and Data Mining to enhance productivity in the Business, International Conference on Management and Information Technology (ICMIT), organized by Institute of Research and Journals (IRAJ) held on 2nd September 2019 in Singapore

(50) A M C D Karunarathne, S M C T Siriwardhana, K A Dilini T Kulawansa, A Review of Internet of Things (IoT) for Urban Planning, International Conference on Management and Information Technology (ICMIT), organized by Institute of Research and Journals (IRAJ) held on 2nd September 2019 in Singapore

(51) D M U R Dissanayake, K A Dilini T Kulawansa, A Review of Machine Learning for Gamma-ray Imaging in Position Emission Tomography, International Conference on Management and Information Technology (ICMIT), organized by Institute of Research and Journals (IRAJ) held on 2nd September 2019 in Singapore

(52) N H Matharage, K A Dilini T Kulawansa, A Review of Image Processing in Agriculture, International Conference on Management and Information Technology (ICMIT), organized by Institute of Research and Journals (IRAJ) held on 2nd September 2019 in Singapore

(53) H M I Janakee Herath, K A Dilini T Kulawansa, A Review of Machine Learning for DNA Sequence Classification, International Conference on Management and Information Technology (ICMIT), organized by Institute of Research and Journals (IRAJ) held on 2nd September 2019 in Singapore

(54) W B I Sewwandi, K A Dilini T Kulawansa, Use of IoT in Home Automation, International Conference on Management and Information Technology (ICMIT), organized by the Institute of Research and Journals (IRAJ) held on 2nd September 2019 in Singapore

(55) Karunya Navanesan, Kasthury Manickapody, Sathya Perinpanathan, Brammini Sivaganesalingam, K A Dilini T Kulawansa, Inventory Management System, Internatonal Conference on Science, Technology and Management (ICSTM) organized by the Institute of Research Engineers and Scientists (IRES) held on 8th October 2019 in Edinburgh, Scotland, United Kingdom

(56) S.S. Dasanayaka, K A Dilini T Kulawansa, Use of Artificial Intelligence for Autonomous Military Robots, International Journal of Artificial Intelligence and Neural Networks (IJAINN), Volume 9, Issue 1, ISSN : 2250-3749, pp 44-51

(57) M.S.R.P. Dias, K A Dilini T Kulawansa, Big Data and Cloud Computing in Consumer Behaviour Analysis, International Journal of Advances in Computer Networks and Its Security (IJCNS), Volume 8, Issue 2, ISSN : 2250 – 3757, pp 8-14

(58) M.M.A.M. Udeshika, K A Dilini T Kulawansa, A Review of Automated Diagnosis of Glaucoma Using Digital Fundus Images, International Journal of Advances in Computer Science and Its Applications (IJCSIA), Volume 9, Issue 2, ISSN : 2250 – 3765, pp 76-80

(59) AKA Wijewickrama, K A Dilini T Kulawansa, A Review of Diagnose Hypertension using Funduscopic Images with Nipping in intersections of Arteries and Veins, International Journal of Artificial Intelligence and Neural Networks (IJAINN), Volume 9, Issue 1, ISSN : 2250-3749, pp 16-21

(60) W.A.M. Mihirani, K A Dilini T Kulawansa, Use of Augmented Reality for Learning Chemistry, International Journal of Advances in Computer Science and Its Applications (IJCSIA), Volume 9, Issue 2, ISSN : 2250 – 3765, pp 69-75

(61) M.G.P.M. Samarasinghe, K A Dilini T Kulawansa, Use of IoT for Smart Security Management in Agriculture, International Journal of Advances in Computer Science and Its Applications (IJCSIA), Volume 9, Issue 2, ISSN : 2250 – 3765, pp 81 to 89

(62) PA Udeshika Madushani Pushpakumara, K A Dilini T Kulawansa, Artificial Intelligence in Astronomy, International Journal of Artificial Intelligence and Neural Networks (IJAINN), Volume 9, Issue 1, ISSN : 2250-3749, pp 22-28

(63) Tharunie De Silva, K A Dilini T Kulawansa, Computational Modeling of Episodic Memory, International Journal of Advances in Computer Science and Its Applications (IJCSIA), Volume 9, Issue 2, ISSN : 2250 – 3765, pp 98-107

(64) G.A. Amil Dilshan Perera, K A Dilini T Kulawansa, Use of Artificial Intelligence Methods in Ship Design, International Journal of Artificial Intelligence and Neural Networks (IJAINN), Volume 9, Issue 1, ISSN : 2250-3749, pp 35-43

(65) Manoj Liwera, Chamindu Rathnaweera, Dinushika Dissanayake, Eranga De Saa, Vishmi Perera, K A Dilini T Kulawansa, Lakshitha Udara, Food Ordering and Management System, International Journal of Advances in Computer Science and Its Applications (IJCSIA), Volume 9, Issue 2, ISSN : 2250 – 3765, pp 90-97

(66) S.M.C.T. Siriwardhana, K A Dilini T Kulawansa, Information Technology and Criminal Investigation, International Journal of Advances in Computer Science and Its Applications (IJCSIA), Volume 9, Issue 2, ISSN : 2250 – 3765, 60-68

(67) L.A.D.C.U. Rathnaweera, K A Dilini T Kulawansa, Bio-inspired Robotics as Assistive Technology to Aid of Differently abled and Elderly People, International Journal of Advances in Computer Science and Its Applications (IJCSIA), Volume 9, Issue 2, ISSN : 2250 – 3765, pp 51-59

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10.   HONOURS & AWARDS

(in ascending order)

(1)   Award of VLIR-UOS Scholarship in 2001 for Master Programmes in Flanders, Belgium to follow Master of Science in Applied Statistics at the University of Limburgs, Belgium

(2)   Award of VLIR-UOS Scholarship in 2003 for Master Programmes in Flanders, Belgium to follow Master of Science in Biostatistics at the University of Limburgs, Belgium

(3)   Best Paper Award for the Research Paper titled "A Technical Framework for Community Geographic Information Systems in Low End Smart Phones" at the ITRU Research Symposium organized by the Faculty of Information Technology of the University of Moratuwa held on 21st November, 2012

(4)   Research Excellence Award – 2014

(5)   Research Excellence Award – 2015

(6)   Research Excellence Award – 2018

(7)   Best Paper Award for the Research Paper titled "A Review of Computer Aided Diagnosis (CAD) Systems for Detection of Lung Cancer Nodules" at the International Conference on Management and Information Technology (ICMIT) organized by Institute of Research and Journals (IRAJ) held on 2nd September 2019 in Singapore

(8)   Outstanding Scientist Award in the 10th International Scientist Awards on Engineeing, Science and Medicine, held on 26 & 27th September 2020, Hederabad, India organized by VDGOOD Professional Association

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I hereby certify that the particulars submitted by me in this are true and accurate.

14th November 2023

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          Signature   Date