



# **RESEARCH PUBLICATIONS OF OUSL STAFF IN 2017**

**THE OPEN UNIVERSITY OF SRI LANKA**

# **RESEARCH PUBLICATIONS OF OUSL STAFF- 2017**



**THE OPEN UNIVERSITY OF SRI LANKA**

## **Preface**

Academic staff of the Open University Sri Lanka have published their works in various research forums. This report documents research publications of OUSL academic staff in terms of books, book chapters, publications in indexed Journals, refereed Journals and all of the material published in conferences and workshop papers presented in 2017. These publications have been made from the various research collaborations from OUSL staff through several research grants nationally and internationally in year 2017. In addition, considerable funds were released through OUSL funds and competitive research grants from University Grant Commission. The database was compiled through the information given in Google scholar, Research Gate, all Deans of the Faculties, Directors of Institutes, Heads of the Departments and personal communication from the OUSL staff. Research Unit appreciates their collaborations throughout the compilation of this report. Readers are referred to the annual publications list from each Faculty/Institute/Division that details all of the material published, and conference and workshop papers presented by OUSL staff in 2017. The summary of the publications of each Faculty/Institute/Division is separately documented. The final section contains a summary of all publications of the Open University of Sri Lanka. I am pleased to report that a total of 08 books/book chapters, 159 journal articles and 328 conference proceedings were published by the OUSL staff in year 2017.

Research Unit expects that the details provided from this document enable all academic staff members, Management of OUSL and all stakeholders to identify the loopholes, planning and design the future direction of the research of OUSL that might come up with the Strategic Management Plan of 2017-2020.

The assistance provided by Ms. Hasanthi Chandrathilke, Ms. Madhushani Gamage and Ms. Jitha Nipunika in collecting and compiling this dataset is greatly acknowledged.

Prof. S.R Weerakoon  
*Director/Research*  
*The Open University of Sri Lanka*  
*30<sup>th</sup> December 2019*

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# **FACULTY OF EDUCATION**

## FACULTY OF EDUCATION

Department	Books/ Book Chapters	Journal Publications	Conference proceedings /abstracts/ extended abstracts
Department Early Childhood & Primary Education	0	1	2
Department of Secondary & Tertiary Education	1	8	18
Department of Special Needs Education	0	1	2
<b>Total</b>	<b>1</b>	<b>10</b>	<b>22</b>

### DEPARTMENT OF EARLY CHILDHOOD & PRIMARY EDUCATION

#### Books/Book Chapters

None

#### Journal Publications

1. Chaturika, P.R.D. & Rajapaksha, P.L.N.R. (2017). Learner's perception on online learning in open and distance education mode in the diploma in early childhood and primary education, *International Journal of Scientific Research*, The Open University of Sri Lanka, II (4).

#### Conference proceedings/abstracts/extended abstracts

1. Chaturika, P.R.D. (2017). Effective Teaching Practices of Teaching Environment Related Activities in Primary level in Sri Lanka, ISER. *205<sup>th</sup> International Conference on Education and Social Science (ICESS-2017)*, Singapore.
2. Jaufer, P.C.P., Munasinghe, D.M.W., Seneviratne, P., Mukunthan, T., Chaturika, P.R.D., Alwis, K.A.C., Rajapaksha, P.L.N.R., Sriranganathan, S. I., & De Silva, K. (2017). Study on Achievement Level of the Grade 3 Sri Lankan Primary School Students, Department of Early Childhood and Primary Education. *Open University Research Sessions*, The Open University Sri Lanka.

## DEPARTMENT OF SECONDARY & TERTIARY EDUCATION

### Books/Book Chapters

1. Karunanayaka, S.P. & Naidu, S. (2017). *Impact of integrating OER in teacher education at the Open University of Sri Lanka*. In C. Hodgkinson-Williams & P. B. Arinto (Eds.), *Adoption and impact of OER in the Global South* (459–498). Retrieved from <https://doi.org/10.5281/zenodo.600398>.

### Journal Publications

1. Karunanayaka, S.P. (2017). Discourses at the Intersections of Disciplinary Knowledge, Pedagogy and Technology. (Ed). *OUSL Journal*, 12(1), 1–4. Retrieved from [http://doi.org/10.4038/ouslj.12\(1\).7392](http://doi.org/10.4038/ouslj.12(1).7392).
2. Karunanayaka, S. P & Naidu, S. (2017). A design-based approach to support and nurture open educational practices. *Asian Association of Open Universities Journal*, 12(1), 1-20. Retrieved from <https://doi.org/10.1108/AAOUJ-01-2017-0010>.
3. Karunanayaka, S. P., Naidu, S., Rajendra, J. & Ratnayake, H.U.W. (2017). Designing reflective practice in the context of OER-based E-Learning. *Journal of Learning for Development (JLAD)*, 4(2), 143-160. Retrieved from <http://www.jl4d.org/index.php/ejl4d/article/view/210>.
4. Kugamoorthy, S. (2017). Activity Based Learning: An Effective Approach for Self-Regulated Learning Practices, Education Perspectives. *The bi-annual Journal*, Research and Development Branch, Ministry of Education, Sri Lanka, 6(1).
5. Kugamoorthy, S. & Rajini, M. (2017). ICT and OER-Integrated Teaching and Learning: Supporting Social Change among Teachers in a Post-War Northern Sri Lanka, *OUSL Journal*, 12(1).
6. Nawastheen, F.M., Wanasinghe, W.M.S., & Senaviratne, P. (2017) A Study on PGDE Student-Teacher Efficacy Beliefs in the Sri Lankan Context. *OUSL Journal*, 1(1), 27-44. Retrieved from <https://ouslj.sljol.info/293/volume/12/issue/1>.
7. Ramathass, P. (2017). Socio Cultural and Educational Problems Faced by Plantation Sector Children in Migrants Families – Survey Based on Estates in Nuwara-Eliya District. *Educationalist Research Journal*, (BI-Annual) Educational Publication Centre.
8. Sudarshana, M. L. (2017). Teaching - Learning Stimulators. *European Journal of Education Studies*, 3(3).

### Conference proceedings/abstracts/extended abstracts

1. Azmie, M. & Nawastheen F.M. (2017). The Students' Enrollment in the Bilingual Education in the Kalmunai Education Zone. *7<sup>th</sup> International Symposium*, South Eastern University of Sri Lanka.
2. De Silva, D.V.M. (2017). Adopting Motivated Strategies for Learning Questionnaire to assess self-regulated learning skills in university students, *Annual research symposium*, University of Colombo.
3. Gonsalkorala, L.G. & Sudarshana, M. L. (2017). Teachers' Existing Learning Practices and Communication Skills Conducive to Online Learning. *Open University Research Sessions*, The Open University Sri Lanka.
4. Herath, S., Nagahawatte, K., Gamage, S., Kalinga, J., & Perera, S.A.S.K. (2017). Doing ESL Research: Diverse Perspectives from Five Contexts. *International Research Symposium on English Language Studies*, University of Colombo.
5. Hewapathirana, C. (2017). Expanding Higher Education: Does the Open University of Sri Lanka Adequately provide Distance Education Opportunities. *2<sup>nd</sup> International conference on Education and Distance Learning (ICDEL)* NICE, France.
6. Karunanayaka, S. P. & Naidu, S. (2017). Designing Integration of OER and OEP. Open and Distance Learning association of Australia. *Open and Distance Learning Association of Australia Conference*, Australia.
7. Karunanayaka, S. P. & Naidu, S. (2017). Development of the Open Educational Practices Impact Evaluation Index. *Open Education (OE) Global Conference*, South Africa.
8. Karunanayaka, S. P. & Naidu, S. (2017). Teachers as Designers: At the Confluence of Technology, Pedagogy and OER. *World Conference of International Council for Open and Distance Education (ICDE)*, Canada. Retrived from [https://www.dropbox.com/s/dzwol67rrb8333m/Teachers\\_as\\_Designers\\_At\\_the.pdf?dl=0](https://www.dropbox.com/s/dzwol67rrb8333m/Teachers_as_Designers_At_the.pdf?dl=0).
9. Kugamoorthy, S. (2017). School Based Teacher Development: Opportunities and Challenges for Teachers in Jaffna District. *Open University Research Sessions*, The Open University of Sri Lanka.



10. Kugamoorthy, S., Rajini, M., Karunanayaka, S.P., & Naidu, S. (2017). OER-Integrated Teaching and Learning in a Post-War Northern Sri Lanka. *Open Education (OE) Global Conference*, South Africa.
11. Kugamoorthy, S., Weerakoon, S., Wanasinghe, W.M.S., & Careemdeen, J.D. (2017). A Study on Student Teachers' Perceptions on the Continuous Assessment Methods of the Postgraduate Diploma in Education Programme, *Open University Research Sessions*, The Open University of Sri Lanka.
12. Lekamge, G.D., Fernando, C. N., & Anuruddhika, B.G.H. (2017). How far Distance Education is Capable in Empowering Prospective Teachers. *Conference on Teaching, Education and Learning*, Singapore.
13. Lekamge, G.D., Irugalbandada, A.I., Jayawardena, K.P.R., Fernanado, M.N.C., Kugamoorthy, S., & Anuruddhika, B.G.H. (2017). The Bachelor of Education (Drama & Theatre Programme Conducted through the Distance Mode: Problems and Solutions. *Open University Research Sessions*, The Open University Sri Lanka.
14. Nawastheen F. M., & Azmie, M. (2017). Teachers' Perception towards Difficulties of Bilingual Students in the Schools of Kalmunai Education Zone. *Ruhunu University International Conference on Humanities and Social Sciences*, University of Ruhuna.
15. Perera, K.G.S.K., Karunanayaka, S.P., & Ariyaratne, A. (2017). Teachers' attitudes towards the use of information and communication technology in the instructional process of secondary education in Sri Lanka. *Open University Research Sessions*, The Open University Sri Lanka.
16. Ramathass, P. (2017). Teacher Deployment in Schools in Difficult Areas. *10<sup>th</sup> Annual Research Conference*, The Royal Asiatic Society of Sri Lanka.
17. Sirisuriya, S., Ranathunga, L., Karunanayaka, S. P., & Abdullah, A. (2017). An Analysis to Identify the Most Suitable Readability Formula for Sri Lankan Context: Case Study of Computer Science Students. *International Conference on Global Education and E-Learning (GLOBED)*, 1, 1-8.
18. Sudarshana, M.L. (2017). Skills and Practices the Graduate Teachers Should Have to Become Successful Online Learners and Their Provincial Wise Differences. *31<sup>st</sup> Annual Conference of the Asia Association of Open Universities (AAOU)*.

## **DEPARTMENT OF SPECIAL NEEDS EDUCATION**

### **Books/Book Chapters**

None

### **Journal Publications**

1. Alwis, K.A.C. & Furuta, H. (2018) Teaching Students with Special Educational needs in an inclusive Educational setting in Sri Lanka: Regular class Teacher's View CICE Hiroshima University. *Journal of International Cooperation in Education*, 19(2), 1-18.

### **Conference proceedings/abstracts/extended abstracts**

1. Alwis, K.A.C., Dhanapala, T.D.T.L., Anuruddhika, H., Ketheeswaran, K., & Kuruppu. S. (2017). Developing language and early literacy skills of a preschool child with global developmental delay. *Open University Research Sessions*, The Open University Sri Lanka.
2. Ketheeswaran, K. (2017). Pedagogical benefits of the theory of Multiple Intelligence for teachers in understanding needs of diverse learners (Tamil), PARVAI. The Open University of Sri Lanka, 7, 78-96.

# **FACULTY OF ENGINEERING TECHNOLOGY**

# FACULTY OF ENGINEERING TECHNOLOGY

Department	Books/ Book Chapters	No. of Journal Publications	Conference proceedings /abstracts/ extended abstracts
Department of Agricultural and Plantation Engineering	0	5	19
Department of Civil Engineering	0	4	17
Department of Electrical and Computer Engineering	0	10	22
Department of Mathematics and Philosophy of Engineering	0	2	5
Department of Mechanical Engineering	0	2	4
Department of Textile and Apparel Technology	0	1	11
<b>Total</b>	<b>0</b>	<b>24</b>	<b>78</b>

## DEPARTMENT OF AGRICULTURAL AND PLANTATION ENGINEERING

### Books/Book Chapters

None

### Journal Publications

1. Chandrasekera, B.S.G., Fluess, H., Zhao, Y.C., Trigiano, R.N., & Winkelmann, T. (2017). *In vitro* plant regeneration from ovules of *Taraxacum officinale* and *Taraxacum koksaghyz*. *African Journal of Biotechnology*, 16(34), 1764-1775.
2. Kohombange S., Gunasekera, H.K.L.K., & Kirindigoda, S. (2017). Effect of Various Concentrations of Nitrobenzene on Bell Pepper (*Capsicum annum L.*) Yield under Green House Condition. *International Journal of Horticulture*, 4(4).
3. Rushton, K.R. & De Silva, C.S. (2017) Abstraction Strategies for Irrigation from large diameter wells. Water Resources Management. *Science Citation Index Journal*, 31, 2257 – 2270. Retrieved from 10.1007/s11269-017-1641-6.

4. Rageendrathas, T. & De Silva, C.S. (2017). Effect of bio-char on growth and yield of onion (*Allium cepa*) and soil properties of Calcic Red Yellow Latasols in Jaffna District. *Journal of Engineering and Technology of the Open University of Sri Lanka*. 5(1), 21-35.
5. Somarathna, T., Premakumara, G.A.S., Mohammad, A., Balamuthu, K., & Weerakkody, N.S. (2017). *In vitro* antibacterial activity of selected underutilized plants and cytotoxic property of *Terminalia catappa*, *International Journal of Pharmacy and Pharmaceutical Sciences* 9, (12), 218-225.

### **Conference proceedings/abstracts/extended abstracts**

1. Amarasinghe, H., Waisundara, V., & Weerakkody, N. S. (2017) Evaluation of physico-chemical properties and antioxidant activities of Kombucha “Tea Fungus” during extended period of fermentation. *International conference on advances in Tea*, Colombo.
2. Athapaththu, A.M.H., Priyankarage, N., Weerakkody, N.S., & Fernando, P.S. (2017). Selection of Suitable Anti-Oxidant to Extend the Keeping Quality of Palm Kernel Cake. *World's Poultry Science. XVI<sup>th</sup> Annual Scientific Sessions*, Colombo.
3. Bandara, G.R.A.S., Gunasekera, H. K. L. K., & Weerakoon, W.M.H.L.D. (2017). Investigation of an effective rooting procedure for *Dracaena godseffiana*. *10<sup>th</sup> National Symposium on Floriculture Research (NASFLOR-2016)*, Department of National Botanic Gardens Peradeniya in collaboration with Sri Lanka Council for Agricultural Research Policy (CARP). 10.10.
4. Bandusena, M.K.B., Chandrasekera, B.S.G., Edirisinghe, E.S.C. (2017). Development of cryopreservation protocol for Banana Variety `Ambul' (*Musa* spp.) using vitrification technique: Istanbul (Turkey), *II International Symposium on Micropropagation and In Vitro Techniques*.
5. Chamini, D.A.M.N., Gunasekera, H.K.L.K., & Krishnaraja, S.A. (2017). Effect of growth hormones and de-topping on *Cordyline terminalis* `Red edge. *IV International Conference on Postharvest and Quality Management of Horticultural Products of Interest for Tropical Regions (PQMHP-2017)*, 21.
6. Dishani, P.T.N. & De Silva, C.S. (2017). Farmer's perception on climate change and coping strategies; A case study in Major Irrigation Schemes of Puttlam District. *Open University Research Sessions*, The Open University of Sri Lanka, 445-450.

7. Jinendri, G.H.U. & Chandrasekera, B.S.G. (2017). The potential of applying green technology for The Open University of Sri Lanka. *Open University Research Sessions*, The Open University of Sri Lanka.
8. Kumari, W.B.O.N., Sirisens, D.N., & De Silva, C.S. (2017). Investigation of farmers level problems for low productivity of paddy cultivation in Mahagirilla Agrarian Services Division of Sri Lanka. *Open University Research Sessions*, The Open University of Sri Lanka, 451-454.
9. Krishnapillai, A. & De Silva, C.S (2017). Growth and yield performance of newly introduced Chilli Variety (*Capsicum Annum L. var. MI*) grown under Basin Irrigation System in Jaffna District of Sri Lanka. *Open University Research Sessions*, The Open University of Sri Lanka, 471-476.
10. Madubashini, K.G.R. & Chandrasekera, B. S. G. (2017). A preliminary study on drinking water availability during 2017- flash floods in Diyagama, Kalutara District of Sri Lanka. *Open University Research Sessions*, The Open University of Sri Lanka.
11. Maheswaran, P., De Silva, C.S, & Karunainathan, T. (2017). Effect of different Irrigation Methods and Mulches on leaf Curl Complex Attack in Chilli in Jaffna District. *Open University Research Sessions*, The Open University of Sri Lanka, 465-470.
12. Nijamdeen, T.W.G.F.A., de Mel, P.K.J., & Malathy, P. (2017). Evaluation of Growth and Yield Performance of Selected Lines of Yard Long Bean (*Vigna unguiculata subsp. Sesquipedalis*) during off Season in Mid Country Wet Zone. *Open University Research Sessions*, The Open University of Sri Lanka.
13. Nisansala, A. D. N. S., Gunasekera, H. K. L. K., & Wickramasinghe, M. C. (2017). Enhancing vase life of *Gerbera jamesonii* by using glucose and calcium nitrate. *10<sup>th</sup> National Symposium on Floriculture Research (NASFLOR-2016)*, Department of National Botanic Gardens Peradeniya in collaboration with Sri Lanka Council for Agricultural Research Policy (CARP). 10, 18.
14. Samarakody, P., & De Silva, C.S. (2017). Impact of excessive use of phosphorus fertilizers on soils in the central Highlands of Sri Lanka and possible Health Hazards. *Open University Research Sessions*, The Open University of Sri Lanka, 439 - 444.

15. Sewwandi, H. P. T. I., Gunasekera, H.K.L.K., & Krishnaraja, S. A. (2017). Production of spirals from *Dracaena sanderiana* canes as value added products. *IV International Conference on Postharvest and Quality Management of Horticultural Products of Interest for Tropical Regions (PQMHP - 2017)*, 7.
16. Somarathna, T., Ranaweera K.K.D.S., & Weerakkody, N. S. (2017). Synergistic antibacterial, antibiofilm activity of a Malaccesnsis and *T. Catappa*. *International Symposium on Traditional and complementary Medicine Educational Exhibition and Trade Fair*, Sri Lanka.
17. Somarathna, T., Ranaweera, K.K.D.S., Premakumara, G.A.S., & Weerakkody, N. S. (2017). *In-Vitro* Antibacterial activity of underutilized Plant Crude Extracts Against Food-Borne Pathogens. *6<sup>th</sup> International Symposium of Sabaragamuwa University of Sri Lanka (ICSUSL)*, Sri Lanka.
18. Thrikawala, S. & Gunarathne. L.H.P. (2017) Determination of appropriate Water Tariff for Kandy City, Sri Lanka: An Application of Choice Modeling Approach. *6<sup>th</sup> International Conference on Advances in Social Science, Management and Human Behaviour (SMHB-2017)*, Italy.
19. Wijewickrama M.M.S., Gunasekera H. K. L., K.Senarathna, M.M.D.J., & Krishnaraja S.A (2017). Effect of cytokinin and subsequent de-topping on axillary shoot formation of *Dracaena reflexa* 'Song of India. *10<sup>th</sup> National Symposium on Floriculture Research (NASFLOR-2016)*, Department of National Botanic Gardens Peradeniya in collaboration with Sri Lanka Council for Agricultural Research Policy (CARP). *10*, 1.

## **DEPARTMENT OF CIVIL ENGINEERING**

### **Books/Book Chapters**

None

### **Journal Publications**

1. Bandara, C. S., Bandara, J.S.C.S., Dissanayake, U.I., & Karunananda P.A.K. (2017). Metals used in Old Bridges in Sri Lanka and its Effects of their Material Properties on Capacity Estimations. *Journal of Institution of Engineers Sri Lanka, ENGINEER-2017*.

2. Deiyagala, D.A.T.H., Priyadarshani, P.G.N., Perera, M.A.N., Pallewatta, T.M., Samarawickrama M.N.C., & Tibbatuwawa. D.P.M.B. (2017). Engineering and Economic Viability of using Crushed Construction Waste in the Production of Concrete and Mortar. *Journal of Institution of Engineers, Sri Lanka, ENGINEER-2017, L (03)*, 41-53.  
Retrieved from <http://doi.org/10.4038/engineer.v50i3.7264>.
3. Eriyagama, N., Thilakarathne, M., Perera, H. P. T. W., Munaweera. T., Mutuwatte, L., Smakhtin, V., Premachandra, W., & Udamura, K.M.L.A (2017). Actual and perceived causes of flood risk: climate vs anthropogenic effects in a wet zone catchment in Sri Lanka. *Water International*, 42(7), 874-892.
4. Tharmarajah, S. & Karunananda, P.A.K. (2017). Assessment of Concrete Arch Dam under Possible Earthquake Loading in Sri Lanka: Case Study on Victoria Dam. *International Journal of Engineering Research*.

#### **Conference proceedings/abstracts/extended abstracts**

1. Abeysekera, D.P.L., Fernando, D.D.S.L., Randenigama, B.M., Udamura, K.M.L.A., & Pradeep, T. L. (2017). An experimental and analytical study of the critical properties of compressed stabilized earth blocks. *5<sup>th</sup> International Symposium on Advances in Civil and Environmental Engineering Practices for Sustainable Development*, University of Ruhuna. 449-454.
2. Chathuranga, D.D.K., Karunarathna, T.E.H., Karannagoda H.C., & Karunananda, P.A.K. (2017). Fatigue Life Estimation of Critical Railway Bridges in Kelani Valley Line Sri Lanka. *08<sup>th</sup> International Conference on Structural Engineering and Construction Management-2017*, Sri Lanka.
3. Darshika, A.A.T. & Udamura, K.M.L.A. (2017). Properties of concrete paving blocks made by using recycled demolished concrete as a partial substitute material for natural sand. *8<sup>th</sup> International Conference on Structural Engineering and Construction Management-2017*, Sri Lanka.
4. Dolage, D.A.R. & Weligepolage, K. (2017). Water Resource Planning of Mundeni Aru River Basin in Eastern Sri Lanka. *37<sup>th</sup> International Conference of Hydro-Environment Engineering and Research (IAHR) world congress*, Malaysia. T1-195.
5. Dolage D.A.R., Pallewatta T.M., Pragash T., Chathurangani, J.T.H., & Sellathurai V. (2017). Use of Ground Rice Husk Ash Blended Cement to Manufacture



- Cement Sand Cellular Blocks. *08<sup>th</sup> International Conference on Structural Engineering and Construction Management-2017*, Sri Lanka.
6. Fernando, D.I., Hettiarachchi, G.D.R., Gamage, U.G.M.P., & Illeperuma, D.N. (2017). Investigation of Flat Slabs in Sri Lanka. *Sri Lanka Association for the Advancement of Science (SLASS) Annual Sessions*.
  7. Fernando, D.I., Perera, H.A.C.M., & Perera, M.A.I. (2017). Study of the Compressive Strength of Kithul Palm Fibre-Reinforced Concrete. *Open University Annual Research Sessions*, The Open University of Sri Lanka.
  8. Karunarathne, D.V., Arulolipavan, K., & Udamulla, K.M.L.A. (2017). Assessment of Flyash based Geo Polymer concrete paving blocks for Sri Lankan roads. *5<sup>th</sup> International Symposium on Advances in Civil and Environmental Engineering Practices for Sustainable Development*, University of Ruhuna. 213-219.
  9. Perera, G.L.E.P., Dayarathna, G.C.R., Perera, H.K.M., Athapattu, B.C.L., De Silva, K., & Perera, G.A.A.U. (2017). Engineered Wetland System for Enhancing Aquatic Environment of Urban Canals for Transportation: Case Study on Kirulapone Canal in Colombo, Sri Lanka. *5<sup>th</sup> International Symposium on Advances in Civil and Environmental Engineering Practices for Sustainable Development*, Sri Lanka.
  10. Perera, K.A.I., Silva, A.N.S., Perera, A.A.S.D., & Pradeep T.L. (2017). A Study on Stiffness Reduction Behaviour in Reinforced Concrete Columns under Cyclic Loading. *International Conference on Structural Engineering and Construction Management-2017*, Sri Lanka.
  11. Pradeep, T.L. (2017). Steel Structure Optimization through the Performance Based Design: Case Study Using Push over Analysis. *Advanced Steel structures*, Singapore.
  12. Priyadarshana, M.S.T., Dissanayake, P.B.R., & Senarathne A. (2017). Effective use of Manufactured Sand in High Performance Concrete. *08<sup>th</sup> International Conference on Structural Engineering and Construction Management-2017*, Sri Lanka.
  13. Ranatunga, R.M.S.B.S. & Udamulla, K.M.L.A. (2017).Waste water purification using locally available plants. *5<sup>th</sup> International Symposium on Advances in Civil*

*and Environmental Engineering Practices for Sustainable Development*, University of Ruhuna, Sri Lanka.

14. Sitharika, A.V.D.T. & Udamulla, K.M.L.A. (2017). Syabilization of Dispersive soil using flyash, bottom ash and hydrated lime. *8<sup>th</sup>International Conferences on Structural Engineering and Consruction Management-2017*, Sri Lanka. 70-74.
15. Sitharika, A.V.D.T. & Udamulla, K.M.L.A. (2017). Stabilization of Dispersive soil using flyash, bottom ash and hydrated lime. *22<sup>nd</sup> International Forestry and Environment Symposium*, Sri Lanka. 22.
16. Vishnu, P., Pradeep, T.L., Thrimavithana, R.S.K., & Chinthoory, G. (2017). 2Model Optimization on Water Retaining Structures: A Case Study of Chlorine Contact Tank and Back Wash Recovery Tank. *International Conference on Structural Engineering and Construction Management*, Sri Lanka.
17. Wijewardena, M.A.C.D., De Alwis, A.D.E., Dilini Lakmini, S.A.D., & Udamulla, K.M.L.A. (2017). Potential of using Demolished concrete and recycled bricks as materials in sub base applications. *8<sup>th</sup>International Conference on Structural Engineering and Consruction Management-2017*, Sri Lanka, 12-17.

## **DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING**

### **Books/Book Chapters**

None

### **Journal Publications**

1. Balasuriya, N. & Wavegedara, C. B. (2017). Improved symbol value selection for symbol flipping based non-binary LDPC decoding. *EURASIP Journal on Wireless Communication and Networking*, 2017, 105.
2. Bandara, M.R.H.E. & Balasuriya, D.N. (2017). Design of a road-side threat alert system for deaf pedestrians. *ENGINEER*, L (2).
3. Dissanayake, S.A.D.A.N., Pasqual, H., & Athapattu, B.C.L. (2017). Economical Colorimetric Smart Sensor to Measure Water Quality of Drinking Water in CKDu Prevalence Areas, *IEEE Sensors Journal*, 17(18).

4. Elilvany, L. & Meeden, G.S.N. (2017). Smartphone-Based Activity Recognition Model (SBARM). *Journal of Engineering and Technology, Open University Sri Lanka (JET-OUSL)*, 5(1).
5. Herath, M.H.M.N.D. & Jayananda, M.K. (2017). Development of Software Defined Radio (SDR) Receiver. *Journal of Engineering and Technology, Open University Sri Lanka (JET – OUSL)*, 5(01).
6. Kannangara N.D.C.D. & Bandara, W.D.S.S. (2017). Bluetooth Low Energy Local Positioning for Museum Navigation. *Journal of Engineering and Technology, Open University of Sri Lanka. (JET-OUSL)*, 5(2).
7. Ranathunga, R.M.G.D. & Samaliarachchi, L. A. (2017). Impact of Electric Vehicle Loads on the System Load Profile of Sri lanka. *ENGINEER, Journal of the Institution of Engineers, Sri Lanka*. 4, 1-11.
8. Premarathne, U.S., Khalil, I., & Atiquzzaman, M. (2017). Reliable delay-sensitive spectrum handoff management for re-entrant secondary users, *Ad Hoc Networks, Elsevier*, 6, 85-94.
9. Sasikala, R.H.G., Samaliarachchi, L. A., & Dissanayake, U.S. (2017). Capacity Enhancement of Micro Hydro power plant at demodara tea Estate for Net Metering *Journal of Engineering and Technology*, 5(1), 1-10.
10. Wickramasinghe, T., Kularatna, N., & Steyn-Ross, A. (2017). Reduced-switch SCALDO: An extra low frequency DC-DC converter technique for VRM applications. *IET Power Electronics. IET*, 10(15).

#### **Conference proceedings/abstracts/extended abstracts**

1. Bandara M.R.H.E. & Balasooriya. D.N. (2017). Design of an ultra-user-friendly domestic water pump controller. *Annual Sessions Sri Lanka Association for the Advancement of Science (SLAAS)*, Sri Lanka.
2. Chathuranga, E.A.D.Y., Ratnayake, H.U.W., & Premaratne, I.A. (2017). An Expert System to Generate Chords for Melodies Composed in Eastern Music Format. *International Conference on Computer, Communications and Electronics*. Institute of Electrical and Electronics Engineers, India, 501-504.

3. Dayawantha, A.J.M. & Premaratne, I.A. (2017). Vehicle Service Date Prediction System Using Lubricant Viscosity Degradation Pattern. *International Conference on Computer, Communications and Electronics*. Institute of Electrical and Electronics Engineers, India, 403-407.
4. Lokunarangoda, D. S. & Premaratne, I.A. (2017). Optimum Charging Algorithm for Electric Vehicles to Reduce the Peak Demand in Consumer Premise. *International Conference on Computer, Communications and Electronics*. Institute of Electrical and Electronics Engineers, India, 654-658.
5. Gangodagamaarachchi, R. P., Pasqual, H., & Jayathilake, S. (2017). Portable Electronic Curd Quality Tester. *Open University Research Sessions, The Open University Sri Lanka*.
6. Gunathilaka, T.M.A.U., Fernando, M.S.D., & Pasqual, H. (2017). Interactive Mobile Learning Environment for Distance Learning. *10<sup>th</sup> Annual International Conference of Education, Research and Innovation (ICERI)*.
7. Gunathilaka, T.M.A.U., Fernando, M.S.D., & Pasqual, H. (2017). Identification of the Learning Behavior of the Students for Education Personalization. *International Conference on IoT in Social, Mobile, Analytics and Cloud (I-SMAC)*.
8. Herath, M.H.M.N.D. (2017). Timing correction of frequency demodulation of an FM signal by zero crossing detection by digital signal. *Annual Sessions Sri Lanka Association for the Advancement of Science (SLAAS), Sri Lanka*.
9. Isuranga, M.P.U., Pasqual, H., & Weerakkody, N.S. (2017). Smart Electronic Analyzer for Determination of Chicken Meat Spoilage. *Annual Sessions of the Institution of Engineers, Sri Lanka (IESL-2017)*, 447-453.
10. Jayashani, H.D.S., Dissanayake S.A.D.A.N., & Premaratne, M.A.U.K., (2017). Preliminary study on automated detection of Malitha flower. *73<sup>rd</sup> Annual Sessions Sri Lanka Association for the Advancement of Science (SLAAS), Sri Lanka*.
11. Jayatileke, H.R., de Mel, R., & Ratnayake, H. U. W. (2017). Modelling and Simulation Analysis of the Genetic-Fuzzy Controller for Speed Regulation of a ensored BLDC Motor Using MATLAB/SIMULINK. *12<sup>th</sup> IEEE International Conference on Industrial and Information Systems (ICIIS-2017)*, Sri Lanka.

12. Kannangara N.D.C.D. & Bandara, W.D.S.S. (2017). Museum Navigation System with Beacons. *Annual Sessions of the Institution of Engineers Sri Lanka (IESL-2017)*.
13. Katupitiya, U. I., Ranasinghe, D. D. M., & Meedin, G. S. N. (2017). Enhancing the Hyperspace of the OUSL with a web page prediction model. *Open University Research Sessions*, The Open University of Sri Lanka.
14. Kumari H.P.N.N. & Dissanayake S.A.D.A.N. (2017). Automated Garbage Separation System. *73<sup>rd</sup> Annual Sessions Sri Lanka Association for the Advancement of Science (SLAAS)*, Sri Lanka.
15. Madhuranga, A.G.N. & Premaratne, I.A. (2017). Energy Storage Battery Bank System to Reduce Peak Demand for Domestic Consumers. *International Conference on Computer, Communications and Electronics*. Institute of Electrical and Electronics Engineers, India, 648-653.
16. Mendis, D.S.K., Ratnayake, H.U.W., Karunananda, A.S., & Samarasinghe, U. (2017). Holistic approach for Prakriti-based medicine: A statistical inference system for analyzing manasprakriti. *International Symposium of the Tradmed International-2017*, Sri Lanka.
17. Perera, M., Farook, C., & Madurapperuma, A.P. (2017). Automatic Video Description for Human Action Recognition, *National Information Technology Conference (NITC-2017)*.
18. Perera, S., Balasooriya N., & Sithara, M. (2017). Primary user activity modeling using multi-term parameter estimation in cognitive radio systems. *International Conference on Advanced Networks & Telecommunication Systems*. Institute of Electrical and Electronics Engineers, India.
19. Perera, W.A.S.N., Werapitiya, B.K., Rajasingham, S., & Premaratne, I.A. (2017). Using Extrinsic and Intrinsic Motivation Factors to Encourage Student Discussions in Online Classrooms: Integrating Facebook. *31<sup>st</sup> Annual Conference of the Asian Association of Open Universities*, Indonesia.
20. Premaratne, U.S. (2017). Reliability analysis of trust based federated identity management in Inter Cloud: A graph coloring approach. *14<sup>th</sup> Annual Consumer Communications & Networking Conference (CCNC)*. Institute of Electrical and Electronics Engineers, The United States, 345-348.

21. Premarathne, U.S. (2017). MAG-SIoT: A Multiplicative Attribute Graph Model Based Trust Computation Method for Social Internet of Things. *International Conference on Industrial and Information Systems*. Institute of Electrical and Electronics Engineers. Sri Lanka.
22. Wathsala, B. M., Gunarathna, P. & Premaratne, I.A. (2017). Proposal of a Novel Method to Determine the Required Storage for Photovoltaic Systems to Create Virtual Inertia. *National Energy Symposium*, Sri Lanka.

## **DEPARTMENT OF MATHEMATICS & PHILOSOPHY OF ENGINEERING**

### **Books/Book Chapters**

None

### **Journal Publications**

1. Nandasena, G., de Silva, L. N. K., & Kumara, K. K. W. A. S. (2017). Basic Rules of Aristotelian logic and Induction. *American Scientific Research Journal for Engineering, Technology, and Sciences (ASRJETS-2017)*, 29 (1), 263-270.
2. Nandasena, G., de Silva, L. N. K., & Kumara, K. K. W. A. S. (2017). n-Fold m-Valued Logic. *American Scientific Research Journal for Engineering, Technology, and Sciences (ASRJETS-2017)*, 30 (1), 372-384.

### **Conference proceedings/abstracts/extended abstracts.**

1. Jayaweera, T., Athapaththu, B.L.C., & Pathirana, C.P.S. (2017). E-waste management practices: flea market as a stimulator to promote reuse and recycling of used computers and mobile phones. *73<sup>rd</sup> Annual Sessions Sri Lanka Association for the Advancement of Science (SLAAS)*, Sri Lanka.
2. Kumari, K. D. N. & Wijerathna, J. K. (2017). Sensitivity of the thermal performance of a water-in-glass evacuated tube solar water heater to the tube inclination angle. *International conference in computational modeling and simulation-2017*.
3. Perera, K. U. C. & Narayana, M. (2017). Finite Volume Analysis of biomass particle pyrolysis. *Moratuwa Engineering Research Conference (MERCon-2017)*. University of Moratuwa
4. Witharana, B. D. (2017). Imagining the Industrial Nation of Ceylon: Aberdeen - Laxapana Hydro Electric Scheme. 1900-1936.

5. Jayathilake, J. A. D. F. M. (2017). Knowledge and culture, Minzu University of China.

## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **Books/Book Chapters**

None

### **Journal Publications**

1. Gunawardane, P.D.S.H., Medagedara, N. T., & Madusanka, B.G.D.A. (2017). Control of Robot Arm Based on Hand Gesture using Leap Motion Sensor Technology. *International Journal of Robotics and Mechatronics (IJRM)*, 3(1).
2. Lankathilaka, A.G.P., Gunawardane, P.D.S.H., & Medagedara, N. T. (2017). A Novel Methodology for Usability Assessment of Engineering Design. *Journal of engineering and technology*, 5(2), 44-57.

### **Conference proceedings/abstracts/extended abstracts**

1. Bandara, N., Medagedara, N. T., & Gunawardane, P.D.S.H. (2017). Design of a self-balancing rotatable mobile hoist. *73<sup>rd</sup> Annual Session of Sri Lanka Association for the Advancement Science*.
2. Gunawardane, P.D.S.H. & Medagedara, N. T. (2017). Comparison of Hand Gesture Inputs of LeapMotion Controller & Data Glove in to a Soft Finger. *International Symposium on Robotics and Intelligent Sensors (IRIS-2017)*, Institute of Electrical and Electronics Engineers.
3. Lankathilaka, A.G.P., Medagedara, N. T., & Gunawardane, P.D.S.H. (2017). Finite element analysis of an excavator bucket to satisfy the industrial requirement. *73<sup>rd</sup> Annual Session of Sri Lanka Association for the Advancement Science*.
4. Weragoda, W.A.D.M. & Medagedara, N. T. (2017). *Effect of Electromagnetic Force on the Design of Linear Actuator*. *Open University Research Sessions*, The Open University of Sri Lanka.

## DEPARTMENT OF TEXTILE AND APPAREL TECHNOLOGY

### Books/Book Chapters

None

### Journal Publications

1. Fernando, T.N., Ariadurai, S.A., Disanayaka, C.K., Kulathunge, S., & Aruggoda, A.G.B. (2017). Development of Radiation Grafted Super Absorbent Polymers for Agricultural Applications. *Energy Procedia*, 127, 163-177.

### Conference proceedings/abstracts/extended abstracts

1. Ariadurai, S.A. (2017). Leadership in Open and Distance Learning University-Sri Lankan Experience. *31<sup>st</sup> Annual Conference of the Asian Association of Open Universities*, Indonesia.
2. Ariadurai, S.A. (2017). Role of a Twenty First Century Librarian. *13<sup>th</sup> Annual Conference*, NACLIS Sri Lanka Library Association, Colombo.
3. Chandani, W.D.C. & Perera, M.A.I. (2017). Producing Claddings and Partition Boards Using Induru Fibre, *Open University Research Sessions*, The Open University of Sri Lanka, 153-156.
4. Fernando, T.N., Ariadurai, S.A., Disanayaka, C.K., Kulathunge, S., & Aruggoda, A.G.B. (2017). Biodegradable Super Absorbent Polymer (SAP) developed by using the domestic microwave oven and reduced continuous watering in household crops cultivation. *4<sup>th</sup> International Conference on Recent Trends in Management, Humanities, Business and Technology*, Thailand.
5. Gunnarathna, T.A.D.K. & Kumara, W.V.L. (2017) Effect of Sewing Thread Count and Needle Size on Seam Stiffness of 100% Cotton Twill Fabrics. *Open University Research Sessions*, The Open University of Sri Lanka, 99-102.
6. Kaushalya, P.G., Wimalaweera K.P.G. & Herah, C.N. (2017). Dyeing 100% Cotton Plain Fabrics with Natural Dye Extracted from *Thespesia populenea* (GanSuriya). *Open University Research Sessions*, The Open University of Sri Lanka, 147-151.



7. Kehelpannala, K.V.C. & Herath, C.N. (2017). Flexural Behaviour of Polyester/Cotton Plain Woven Fabrics with Superimposed Seam. *Open University Research Sessions*, The Open University of Sri Lanka, 123-127.
8. Perera, H.A.C.M., Perera, M.A.I., & Fernando, D.I. (2017). Study of the Compressive Strength of Kitul Palm Fibre Reinforced Concrete Composites. *Open University Research Sessions*, The Open University of Sri Lanka, 119-121.
9. Perera, M.E.R. & Gunasena, A.S.S. (2017). Investigating the effect of the variations of stitch density on seam puckering. *Open University Research Sessions*, The Open University of Sri Lanka, 93-97.
10. Perera, N.W.P.S., Fernando, C.A.N., & Ariadurai, S.A. (2017). Removal of Methylene Blue by Adsorption onto Activated Carbon Developed from Bristle Coir Fibre. *Wayamba University Research Congress*. 3-4.
11. Wijesingha, R.A.N.S. & Perera, M.A.I. (2017). Developing Sanitary Napkins Using Corn Husk Fibres. *Open University Research Sessions*, The Open University of Sri Lanka, 129-132.

# **FACULTY OF HEALTH SCIENCES**

## FACULTY OF HEALTH SCIENCES

Department	Books/ Book Chapters	Journal Publications	Conference proceedings /abstracts/ extended abstracts
Department of Basic Sciences	0	3	9
Department of Medical Laboratory Science	0	6	12
Department of Nursing	0	8	35
Department of Pharmacy	0	1	5
Department of Psychology and Counselling	0	3	1
<b>Total</b>	<b>0</b>	<b>21</b>	<b>72</b>

### DEPARTMENT OF BASIC SCIENCES

#### Books/Book Chapters

None

#### Journal Publications

1. Duelle, K., Nishshanka, U., & De Alwis, H. (2017). Development of a liquid chromatography-triple quadrupole mass spectrometry method for antibiotic residues in distillers grains. *Journal of Chromatography B*, 1053, 81–86.
2. Rajapaksha, R.W.P.M. & Vivehananthan, K. (2017). Microbial DNA Extraction from infected Seed Potato for Molecular Diagnostic Applications. *International Journal of Advanced Research*, 5(1), 2605-2611.
3. Rajapaksha, R.W.P.M., Vivehananthan, K., & Warshamana, I.K. (2017). Detection of Quarantine Pathogen *Pectobacterium caratovorum* in Potato Seed Lots Imported to Sri Lanka. *International Journal of Scientific and Research Publications*, 7(2), 110-116.

## Conference proceedings/abstracts/extended abstracts

1. Balachandran, J., Vivehananthan, K., Bandara, N., & Mannapperuma, N. (2017). Treatment of Landfill Leachate by using Three Different Extracts of Selected Medicinal Plants. *3<sup>rd</sup> Research and Development Study Symposium*, National Water Supply and Drainage Board, World Water Day. 129 -131.
2. Dassanayaka, M.P., Vivehananthan, K., & Hettiarachchi, G.H.C.M. (2017). Biodegradation of Phenol by Two Proteobacteria: *Klebsiella variicola* and *Ochrobactrum intermedium*. *4<sup>th</sup> International Conference on Agriculture and Forestry*, 56.
3. Dassanayaka, M.P., Vivehananthan, K., & Hettiarachchi, G.H.C.M. (2017). Estimation of phenol Degradation by Selected Bacteria Isolated from Contaminated Site in Kolonnawa. *2<sup>nd</sup> Wayamba University Research Congress*, 62 -63.
4. Dassanayaka, M.P., Vivehananthan, K., & Hettiarachchi, G.H.C.M. (2017). Molecular Identification of Potential Phenol Biodegrading Bacteria by 16 S rRNA Sequence Analysis. *12<sup>th</sup> Malaysia International Genetics Congress*, 79.
5. Dassanayaka, M.P., Vivehananthan, K., & Hettiarachchi, G.H.C.M. (2017). Screening of potential phenol biodegrading bacteria from petroleum contaminated wastewater in Colombo, Sri Lanka. *3<sup>rd</sup> Research and Developmental Study Symposium*, National Water Supply and Drainage Board, World Water Day. 140 -143.
6. Herath, H.M.I.M., Rajapakse, R.P.V.J & Vivehananthan, K. (2017). Evaluation of Anti-Cancer Effect and Wound Healing Activity of Ceylon Cinnamon (*Cinnamomum zeylanicum*). *16<sup>th</sup> Agricultural Research Symposium*, Wayamba University of Sri Lanka, 31 – 35.
7. Madhuranga, W.S.P., Vivehananthan, K., & Dassanayaka, M.P. (2017). Biodegradation of Phenol by Four Selected bacteria Isolated from Sri Lankan Petroleum Contaminated Sites. *16<sup>th</sup> Agricultural Research Symposium*, Wayamba University of Sri Lanka, 16 -20.
8. Rajapaksha, R.W.P.M., Vivehananthan, K., & Warshamana, I.K. (2017). Revealing Latent Infections of Imported Seed Potato by Next Generation Sequencing. *Wayamba University Research Congress*.

9. Warangi, K.M., Rajapakse. R.P.V.J., & Vivehananthan, K. (2017). Evaluation of Cytotoxicity and Wound Healing Properties of Turmeric (*Curcuma longa* Linn). *16<sup>th</sup> Agricultural Research Symposium*, Wayamba University of Sri Lanka, 36-40.

## DEPARTMENT OF MEDICAL LABORATORY SCIENCES

### Books/Book Chapters

None

### JOURNALS

1. Galgamuwa, G.L.S., Iddawela, W.M.D.R., & Dharmaratne, S.D. (2017). Nutritional status and correlated socio-economic factors among preschool and school children in plantation communities, Sri Lanka. *BMC Public Health*, 17, 377.
2. Galgamuwa, G.L.S., Iddawela, W.M.D.R., & Dharmaratne, S.D. (2017). Dengue Fever/Dengue Hemorrhagic Fever: Morbidity, Mortality Seasonal Variations and Spatial Distribution in Sri Lanka, 1996 – 2014. *Annals of Global Health*, 83 (1).
3. Galgamuwa, G.L.S., Sumanasena, J.A.M.B., Iddawela, W.M.D.R., Wickramasinghe, S. & Yatawara, M.D.M.L.D.K. (2017). Clinico-Epidemiological Patterns of Cutaneous Leishmaniasis Patients Attending to Anuradhapura Teaching Hospital, Sri Lanka. *Korean Journal of Parasitology*, 55(1).
4. Herath, H. M. S. P., Iddawela, W. M. D. R., Wickramasinghe, W. D. S. J., & Pathirana, G. C. (2017). Comparison of microscopic examination and PCR in the diagnosis of Trichomoniasis in patients attending the sexually transmitted diseases and acquired immune deficiency syndrome control programme clinic Kandy Sri Lanka. *International Journal of Sciences and Applied Research*, 4(3), 34 -42.
5. Jayaratne, H., Wijeratne, D., Fernando, S., Kamaladasa, A., Gomes, L., Wijewickrama, A., Ogg, G., & Malavige, G. (2017). Regulatory T-cells in acute dengue viral infection. *Immunology*, 154(1), 89 -97.
6. Rathnayake, G., Hettiaratchi, U., & Perera, R. (2017). Obesity, body fat distribution, insulin resistance and link with type 2 diabetes mellitus. *International Journal of Scientific and Research Publication*, 7(12), 313-321.

## Conference proceedings/abstracts/extended abstracts

1. Dharmadeva, S., Galgamuwa, G.L.S., & Kumarasinghe, N. (2017). Testing the anti-inflammatory activity of *Ficus racemosa* bark using albumin denaturation assay. *International Conference of Ayurveda, Unani, Siddha and Traditional Medicine*, Sri Lanka.
2. Galgamuwa, G. L. S., Sumanasena, J.A.M.B., Iddawela, W.M.D.R., Yatawara, M.D.M.L.D.K., & Wickramasinghe S. (2017). Sequence analysis of partial gp63 gene of *Leishmania donovani* in Sri Lanka. *Peradeniya University International Research Sessions*, Sri Lanka.
3. Herath, H. M. S. P., Iddawela, W. M. D. R., Wickramasinghe, W. D. S. J., & Pathirana, G. C. (2017). Molecular diagnosis of *Trichomonas vaginalis* infection using vaginal swabs. *10<sup>th</sup> International Research Conference*. General Sir John Kotelawala Defense University, 49.
4. Kumarasinghe N., Galgamuwa G.L.S., Suriyakumara, V., Siriwardene, U., Jayawardana, P., Karunarathna, C., Kulanatha, P.K., Jayasekara, P., Abeykoon, I., & Abeyrathne, W. (2017). The efficacy of Sri Lankan Traditional Medicine on Chronic Kidney Disease of unknown etiology patients in Sri Lanka. *Tradmed International*, Sri Lanka.
5. Perera, G.G.C., Jayasinghe, W.S.S., Nisansala, W.B.C., Wimalarathna, D.D.N., Galgamuwa, G.L.S., & Senanayake, G. (2017). Radiation dose received to thyroid glands of patients undergoing mammography; a comparison of Cranio Caudal (CC) and Medio Lateral Oblique (MLO) views. *10<sup>th</sup> International Research Conference*, General Sir John Kotelawala Defense University.
6. Radella, Y., Galgamuwa, G. L. S., & Wickramasinghe, S. (2017). Soil Transmitted Helminth Infection and Associated Factors in Children in Hanthana Tea Estate, Kandy, Sri Lanka. *International Conference of Tropical Medicine*, University of Peradeniya.
7. Rathnayake R., Hettiaratchi, U., & Perera R. (2017). Assessment of dietary macronutrient and energy intake, body mass index and body fat percentage among rural female subjects with or without type 2 diabetes mellitus in Sri Lanka. *International conference on multidisciplinary approach*, Sri Lanka.
8. Rathnayake G., Hettiaratchi U, & Perera, R. (2017). Association of bio-impedance analysis and somatotyping among healthy rural male and female populations.

10<sup>th</sup> International Research conference, General Sir Jhon Kotelawala Defence University.

9. Rathnayake R., Hettiaratchi, U., & Perera, R. (2017). Comparison of C-reactive protein levels with insulin resistance and selected parameters of adiposity in a rural diabetic population. *The scientific session of University of Sri Jayewardenepura*.
10. Rathnayake R., Hettiaratchi, U., & Perera, R. (2017). Dietary macronutrient intake among Sri Lankan rural female type 2 diabetics and non-diabetics and effect towards the glycemic control. *3<sup>rd</sup> International Conference on Public Health (ICOPH)*. Malaysia.
11. Rathnayake R., Hettiaratchi, U., & Perera, R. (2017). Effect of physical activity of body composition in women with or without diabetes. *6<sup>th</sup> Young Scientists' Forum (YSF)*.
12. Wijeratne D. T., Fernando, S., Kamaladasa, A., Gomes, L., Jeewandara, C., Ginneliya, A., Samarasekara, S., Wijewickrama, & Malavige, N. (2017). Role of Dengue Virus Specific T cell Responses in the Pathogenesis of Acute Dengue Infection. *The 6<sup>th</sup> NIF Winter School on Advanced Immunology*, Singapore.

## **DEPARTMENT OF NURSING**

### **Books/Book Chapters**

None

### **Journal Publications**

1. Kodithuwakku, M.G.R.D., Wattedgedara, P.M.K., Samarasiri, D.G.C.N., Rajanayake, I.G., Senadheera, A.S.P.L., & De Silva, B.S.S. (2017). Women's experiences on menopause, in District General Hospital, Matale. *OUSL Journal*.
2. Laavanya, M., Sadeera, S.D.H., Premachandra, W.M.C.M., Priyangani, T.R.A., Dahanaka, D.R.N.S., Kartheepan, K., Karthijekan, K., & Josepha, J. (2017). Factors associated with the nutritional status of adults in Batticaloa district. *International Journal of Scientific Research Publications (IJSRP)*, 3(7), 69-75  
Retrieved from <http://www.ijsrp.org/research-paper-0917/ijsrp-p6912.pdf>

3. Mallawa Arachchci, M.A.J.D., Kumari, A.G.D., Wickramasinghe R., Kuruppu N.R., & Madhavi, A.V.P. (2017). Stigmatization in Leprosy: A Descriptive study from patients' perspective in Sri Lanka. *Scientific Research Journal (SCIRJ)*, V (IX).
4. Rathnayaka, R.M.A.K., Nimalika, W., Suranji, M.D.C., Kuruppu, N.R., & Madhavi, A.V.P. (2017). Quality of life of patients with type 2 Diabetes Mellitus: A descriptive study in Sri Lanka. *International Journal of Applied Research*, 3(9).
5. Samarasiri, D. G. C. N., Rajanayake, I. T., Wattegedara, P. K., Kodituwakku, R. D., Senadheera, A. S. P. L., & De Silva, B. S. S. (2017). Women's experiences on menopause: A phenomenological study. *OUSL Journal*, 12(2), 43-62.
6. Sriyani, K.A. (2017). Wound care management and dressing materials. *International Journal of Applied Research*, 3(12). 7-9.
7. Sriyani, K.A. (2017). Lifestyle management of diabetes mellitus. *EC Diabetes and Metabolic Research*, SI 01, 01-02
8. Sriyani, K. A., Wasalathanthri, S., & Hettiarachchi, P. (2017) Knowledge and attitudes of nurses towards diabetic ulcers: a cross-sectional institution based study in Sri Lanka. *Journal of Clinical Nursing*, 1-10. Retrieved from <http://online.library.wiley.com/doi/10.1111/jocn.13917/pdf>

#### **Conference proceedings/abstracts/extended abstracts**

1. Abeysekara, M.S.S.K., Weerasekara, M.P.N.P., Wijesena, B.V.T.N., Perera, R.A.C.N., Sriyani, K.A., & Kuruppu, N.R. (2017). Mothers' knowledge, beliefs and practices regarding febrile convulsions and home management. *Open University Research Sessions*, The Open University of Sri Lanka, 219-233.
2. Abeyasinghe, R. U. S. L., Kaluthanthri, K. D. N. D., Nanayakkara, J. A. G. D. S. C., Senadheera, A. S. P. L., & De Silva, B. S. S. (2017). Primi mothers' experiences in normal vaginal delivery at labor room. *National Health Research Symposium*. Ministry of Health, Nutrition and Indigenous Medicine.
3. Ariyaratne, S. S., De Silva, H. D. W., Hettiarachchi, D. R., Gunawardana, K. W. S., Hewabatage, P. N., & De Silva, B. S. S. (2017). Work-related barriers for university education: Special reference to undergraduate nurses. *National Health Research Symposium*, Ministry of Health, Nutrition and Indigenous Medicine.
4. Aththiligoda, V. G. A. A., Kumara, H. T. R., Wijesinghe, W. A. N. M., Chamari, A. D., Senadheera, A. S. P. L., & De Silva, B. S. S. (2017). Factors related to



- theory practice gap among student nurses. *Open University Research Sessions*, The Open University of Sri Lanka, 203 – 207.
5. De Silva, B. S. S., Dissanayaka, D. M. T. M., & Amaradasa, Y. S. (2017). A study to identify associated factors of anemia under five years children from mothers' perspective. *National Health Research Symposium*, Ministry of Health, Nutrition and Indigenous Medicine.
  6. Dissanayaka, D. M. T., Amaradasa, Y. S., Herath, H. M. S. P., & De Silva, B. S. S. (2017). Factors related to anemia among under five years children in Monaragala District. *The Scientific Sessions of Faculty of Medical Sciences*, University of Sri Jayawardhanapura, 85.
  7. Ekanayake, E.M.J.K.B., Jayasinghe, R.S., Jayasundara, N.T., Thakshila, G. S. M., Senadheera, A.S.P.L., & De Silva, B. S. S. (2017). Patients' experiences on end stage renal disease: A qualitative study. *National Research Forum*, Taiwan.
  8. Fernando, T. T. D. D., Tharanganie, S.D.N., Subasinghe, S. M. C. J., Pathirana, K. P. S. D., Ramachandra, R. B. B. S., Senadheera, A. S. P. L., & Priyanthi, W. N. (2017). Knowledge, attitudes and practices on oral rehydration salt solution for diarrhoea among mothers with children under five years old. *Open University Research Sessions*, The Open University of Sri Lanka, 295 – 300.
  9. Gamlath, G.G.A.W., Wijayarathna, P.G.S.S., Gunadasa, P.A.C.R., Sakalasooriya, S.S.N.D., Kuruppu, N.R., Cooray, K., & Priyanthi, W.N. (2017). Barriers to implement kangaroo mother care among postnatal mothers with premature low birth weight babies. *Open University Research Sessions*, The Open University of Sri Lanka, 289 – 294.
  10. Janarththany, V., Kalavani, R., Vijayakumar, T., MerinDevini, S. N., Herath, H. M. S. P., & De Silva, B. S. S. (2017). Factors related to poor attendance for PAP smear screening in Vavuniya. *Open University Research Sessions*, The Open University of Sri Lanka, 255.
  11. Jayakody, J.A.S.N., Wimalasooriya, H.G.G.A.K., Wijesinghe, W.M.A.C.L., Kumari, U.N.A.K., Kuruppu, N.R., & Madhavi, A.V.P. (2017). Adolescents' experiences of self-ingestion of poisoning: Exploring the related risk factors from survivors' perspective. *National Health Research Symposium*, Ministry of Health, Nutrition and Indigenous Medicine, 146.

12. Kumarasinghe, A. P., Kumarasiri, S. D. L., Galahitiyawa, G. K., Rathnayaka, R. M. I. K., Herath, H. M. S. P., & De Silva, B. S. S. (2017). Factors related to fluid overload among patients with end stage renal disease undergoing hemodialysis. *Annual Research Sessions*, Eastern University of Sri Lanka, 27.
13. Kumari, R., Wickramathunga, W.S., Bandara, R.M.C.S., Ganegoda, A.T.L., & Priyanthi, W.N. (2017). Knowledge, Practices and Affecting Factors Regarding Contraceptive Methods among Married Women in the Estate Community. *Open University Research Sessions*, The Open University of Sri Lanka.
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17. Monika, K., Wijayarathne, H.G.I., Gunarathna, G.A.M.I.L., Wijesekara, G.G.W.C., & Madhavi, A.V.P., (2017) Mothers' experiences of having a child with autism spectrum disorder in a Tertiary Care Hospital, Sri Lanka. *Open University Research Sessions*, The Open University of Sri Lanka, 209 – 212.
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19. Perera, W.A.U., Jeewanthi, H.V.R., Jayawardana, K.P.D.N.S., Krishanthi, M.H.T.D., Dilsha, R.A.N., & Samarasekara, P.W.G.D.P. (2017). Reasons for recurrent admission of patients with Asthma in district general hospital Embilitiya. *Open University Research Sessions*, The Open University of Sri Lanka, 213 – 217.

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22. Ranasinghe, R. A. D. M. N., Akarawita, A. S. K., Fernando, W. B. N. P. I., De Silva, B. S. S., & Kumari, E. A. R. D. (2017). Reasons influencing irregular attendance of clinic appointments among diabetic patients. *National Health Research Symposium*, Ministry of Health, Nutrition and Indigenous Medicine.
  
23. Rajapaksha. R.P.C.S., Perera. R.M.P.D., Handuwala. N.S., Munidasa. K.G.P.K., & Dilsha R.A.N. (2017). Factors related to misuse of antibiotics among the general community of Mahara Medical Officer of Health area. *Annual Scientific Sessions*, Pharmaceutical Society of Sri Lanka.
  
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25. Rukshani, B.M.M., Samarakoon, G.R.N.D., Maduka, W.S.N., Sriyani, K.A. & Senadheera, A.S.P.L. (2017). Physical, social, and psychological impacts of Psoriasis. *Open University Research Sessions*, The Open University of Sri Lanka.
  
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31. Thilakahetti, S.S., Wanniarachchi, W.M.P., Kanthi, H.W.K., Perera, M.D.I., Malwenna, L.I., & Samarasekara, P.W.G.D.P. (2017). Prevalence and factors related to non -use of modern family planning methods among 15-49 years aged married women in the medical officer of health area Horana. *Open University Research Sessions*, The Open University of Sri Lanka, 191 – 195.
32. Thuvaraka, S., Vijayanathan, S., Pakeerathy, M., Subathra, R., Laavanya, M., & Priyanthi, W.N. (2017). Challenges faced by nurses in implementation of nursing process in special units at Teaching Hospital, Jaffna. *4<sup>th</sup> International Research Conference on Multidisciplinary Approaches (iCMA) of Faculty of Graduate Studies*, University of Sri Jayewardenepura, Sri Lanka, 60-61.
33. Umayangani, V. G. I., Weerasinghe, P. M., Mathangaweera, I. U., Gunasekara, C. S. W., Herath, H. M. S. P., & De Silva, B. S. S. (2017). Risk factors related to transmission of sexually transmitted diseases in Hambantota District. *Annual Research Sessions*, Eastern University, Sri Lanka, 30.
34. Wijesinghe, H.W.M.S.S.H., Wijekoon, A.I.K., Sooriyaarachchi, M.P. Jayasinghe, H.A.K.G. Nuwansala, H.U.C. & Priyanthi, W.N. (2017). Factors related to self-care practices among patients with type 2 diabetes mellitus: A descriptive study. *Open University Research Sessions*, The Open University of Sri Lanka, 239.
35. Wijayasundara, W. M. S. K., Gunathilake, K. P. P. C., Senavirathne, H. M. S., & De Silva, B. S. S.(2017). Prevalence of selected preventable contributory factors for low birth weight among mothers of low birth weight babies born in Teaching Hospital, Anuradapura. *National Health Research Symposium*, Ministry of Health, Nutrition and Indigenous Medicine.

## DEPARTMENT OF PHARMACY

### Books/Book Chapters

None

### Journals

1. Shanika, L.G., Wijekoon C.N., Jayamanne, S., Coombes, J., Coombes, I., Mamunuwa, A.M.V.G.N., Dawson, A. & Silva, H.A. (2017). Acceptance and attitudes of healthcare staff towards the introduction of clinical pharmacy service: a descriptive cross-sectional study from a tertiary care hospital in Sri Lanka. *BMC Health Services Research*, 17 (1). <https://doi.org/10.1186/s12913-017-2001-1>

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1. Dilsha, R.A.N., Wijesinghe, R.M.I.G., & Perera, P.P.R. (2017). Community perception on the use of paracetamol (Acetaminophen) in a selected Sri Lankan population. *International Conference on Multidisciplinary Approaches (ICMA)*, 48.
2. Fernandopulle, B.M.R., De Silva, D.T.N., Beneragama, B.V.S.H., Panapiya, L., Sri Ranganathan, S., & Weerarathne, E.D. (2017). Utilization, Spending and Price Trends for Anti-Asthmatic Drugs in State Sector of Sri Lanka: 2002 – 2016, *National Health Research Symposium*, Ministry of Health, Nutrition and Indigenous Medicine.
3. Karunanayaka, K.D.S.V., Dilsha, R.A.N., Tanuja, R.W.N., Buddhika, R.B.J., & Samarasekara, P.W.G.D.P. (2017). Government pharmacists' perception on continuing education. *Open University Research Sessions*, The Open University of Sri Lanka, 181 -185.
4. Mamunuwa, A.M.V.G.N., Jayamanne, S.F., Coombes, J., De Silva, A., Lynch, C.B., & Wickramasinghe, N.D.D. (2017). Effectiveness of pharmacist counselling on medication adherence among diabetes outpatients of a rural hospital in Lanka. *Peradeniya University International Research Sessions*.
5. Mamunuwa, A.M.V.G.N., Jayamanne, S.F., Coombes, J., De Silva, A., Lynch, C.B., & Wickramasinghe, N.D.D. (2017). The role of pharmacist counselling in the control of diabetes. Sri Lanka Medical Association. *130<sup>th</sup> Anniversary International Medical Congress*.

## DEPARTMENT OF PSYCHOLOGY AND COUNSELING

### Books/Book Chapters

None

### Journals

1. Herath, H.M.C.J., Zhou, Y., Gan, Y., Mkandaweire, N., Gong, Y., & Lu, Z. (2017). A Comparative Study of Interprofessional Education in Global Health Care: A Systematic Review. *Medicine*, Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed/28930816>
2. Gan, Y., Wu, J., Zhang, S.Li., L. Yin, X. Gong, Y., Herath, H.M.C.J., Mkandawire, N., Zhou, Y., Song, X., Zeng, X., Li, W., Liu, Q., Shu, C., Wang, Z., & Lu, Z. (2017). Prevalence and risk factors associated with stroke in middle-aged and older Chinese: A community-based cross-sectional study, *Scientific Report*. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5572736/>
3. Bulathwatta, T. (2017). Naming speed, Phonological Awareness and Orthographic Knowledge in Children with and without Dyslexia, *Shasthra Lochana*, 1(2), 455-459.

### Conference proceedings/abstracts/extended abstracts

6. Colombage, K.S.A. & Gamage, G.P. (2017). Needs Analysis of Prospective Learners to Develop a Psychology Degree Programme in Open and Distance Learning Mode. *Open University Research Sessions*, The Open University of Sri Lanka.

**FACULTY OF  
HUMANITIES AND SOCIAL  
SCIENCES**

## FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Department	Books/ Book Chapters	Journal Publications	Conference proceedings /abstracts/ extended abstracts
Department of Language Studies	0	4	10
Department of Legal Studies	1	6	23
Department of Managment Studies	0	11	35
Department of Social Studies	1	6	14
<b>Total</b>	<b>2</b>	<b>27</b>	<b>82</b>

### DEPARTMENT OF LANGUAGE STUDIES

#### Books/Book Chapters

None

#### Journal Publications

1. Medawattegedara, L. (2017). 'Folk Ideas' and 'Worldview' Inscribed in a Selection of Folktales Attributed to the Muslim Community of the East Coast of Sri Lanka. *OUSL Journal*, 12(2).
2. Schubert, A. (2017). Re-Assessing Maya's Queer Politics: A Response to Ibrahim & Kuru-Utumpala. *LST Review*, 27(342), 49-52.
3. Schubert, A. & Gunasekera, V. (2017). A Practice of (in) Discipline: A Farewell Conversation with Vijay Nagaraj. *LST Review*, 28 (344), 45-51.
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1. Abeysekera N. K. & Bogamuwa I. N. J. (2017) Perception of ESL students on Group Presentations as an Assessment Tool. *Open University Research Sessions*, The Open University of Sri Lanka.
2. De Silva, K.R.M. (2017). Assessing Writing: Realities of Weight Allocation in Teacher-made Tests. *Symposium on Second Language Writing*. Chulalongkorn University, Thailand.
3. Medawattegedara, L. (2017). Bola! Strumpet! Didst thou stay with thy paramour until so much time has gone?": A Study of the 'Adulterous Female in Sinhala Folktales. *South Asia Conference on Cultural Productions from a Gender Perspective*, Women's Education and Research Centre.
4. Medawattegedara, L. (2017). No one should be dependent on another": Representation of Marginalization and Resistance in Imaginative Texts of the Sri Lankan Plantation Tamil Community at Up-country Tamils: Charting a New Future, *International Centre for Ethnic Studies*, Sri Lanka.
5. Medawattegedera V. V. (2017). Representing Women Our Way: An English Language Teaching Television Programme in Sri Lanka.
6. Medawattegedara, L. & Pathmanathan S. (2017). "The Broken Shoe": Creative Writing and Reconciliation in Post-war Sri Lanka at Questions of Memory, Justice and Reconciliation in Societies Post Conflict. *International Centre for Ethnic Studies*, Sri Lanka.
7. Pullenayegem, J.C.N. (2017). Students perceptions of the use of discussion forums in learning English literature. *Open University Research Sessions*, The Open University of Sri Lanka, 27-31.
8. Somaratne, S & Medawattegedara, L. 'God of the Betel Creeper: Betel as an Object of Folkloric Imagination and Bio-diversity in Sri Lanka. *Open University Research Sessions*, The Open University of Sri Lanka.
9. Vinothini, A. (2017). Social Values and Preaching Styles in Childrens' Songs: Research-Based on Sri Lankan Children's Songs in Tamil. *6<sup>th</sup> International Conference Sabaragamuwa (ICSUSL6)*, University of Sabaragamuwa.

10. Vinothini, A. (2017). The Art of Dance in Periyapuraanam. *International Research Conference on Periyapuranamum Tamizhga Samaya Panpa: tu Nerigalum*. Department of Hindu Cultural Affairs, Ministry of Religious Affairs.

## **DEPARTMENT OF LEGAL STUDIES**

### **Books/Book Chapters**

1. Perera, R. & Hemachandra, L. (2017). *From Protection to Deregulation: Whither Labour Laws in Sri Lanka?' in Sri Lanka State of Human Rights 2017*. Colombo: Law and Society Trust, 138.

### **Journal Publications**

1. Ariyaratna, B.A.R.R. (2017). International Criminal Court: An Extension of National Criminal Jurisdiction, *The Manurawa Law Journal*, Sri Lanka Law College, 206-212.
2. Jeewanthi, M.K.G. (2017) European Court of Human Rights (ECHR) again ruled against the Full Face Veil (Case note on FouzlaDakir v. Belgium (4619/12) and Belcacemi and Ousar v. Belgium (37798/13), *The Manurawa Law Journal*, Sri Lanka Law College, 131-134.
3. Panditharatne, W.N.G. (2017) Legislative Responses and Cooperation to Combat Computer Crimes; An Overview, *The Manurawa Law Journal*, Sri Lanka Law College. 125-131.
4. Selvaras. J, (2017). Protection from Sexual Harassment at Workplace: A Comparative Legal Analysis of Indo- Lanka Legal System. *IOSR Journal of Humanities and Social Science*, 22(7) Version 16.
5. Wijesinghe, S. S. (2017). Patenting Software-Related Inventions in Sri Lanka: Comparative Analysis with Reference to United States of America, United Kingdom and European Union. *South East Asia Journal of Contemporary Business, Economics and Law*, 12(2), 67–75.
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2. Jeewanthi, M.K.G. (2017). Sexual Harassment in Workplace- Does Law Adequately Address. *4<sup>th</sup> international conference on Contemporary Management*, University of Jaffna, 119-129.
3. Jeewanthi, M.K.G. (2017) State Responsibility and Legal Framework of Sri Lanka in Food Safety 2017 , *10<sup>th</sup> International Research Conference*, General Sir John Kotelawala Defence University, 528-534.
4. Jeewanthi, M.K.G. (2017). A State does not have the Legitimate Capacity to Execute the Death Penalty under Human Rights Law and Values. *10<sup>th</sup> International Research Conference*, General Sir John Kotelawala Defence University, 609-614.
5. Jayarathna D.M.N.M. (2017). Effectiveness of the Environment Impact Assessment on Sustainable Development in Sri Lanka: A Legal Perspective. *2<sup>nd</sup> Interdisciplinary Conference of Management*, Sabaragamuwa University.
6. Jayarathna D.M.N.M. (2017). The Relationship between Right to Life in Modern Human rights Context and Right to Life in Buddhism. *3rd National Buddhist Conference 2017*. Bhiksu University of Sri Lanka.
7. Jayarathna D.M.N.M. (2017). Challengers, Protection, and Social Integration of Elders in Sri Lanka. *3<sup>rd</sup> National Buddhist Conference 2017*, Bhiksu University of Sri Lanka.
8. Jayarathna D.M.N.M. (2017). The Need of Judicial Review on Military Justice System in Sri Lanka: A Comparative Study with United Kingdom and United States. *4<sup>th</sup> Annual Research Symposium on Social Sciences and Humanities (ARSSSH - 2017)*, National Centre For Advanced Studies in Humanities and Social sciences Sri Lanka.
9. Muhandiram, N. L. (2017). Exploring Regional Solutions to Fishermen Dispute in South Asia. *London School of Economics and Social Science*. Retrieved from <https://blogs.lse.ac.uk/southasia/2017/07/18/exploring-regional-solutions-to-fishermen-disputes-in-south-asia/>
10. Selvaras.J. (2017 ). Status of Transgender as Gender and Sexual Minorities in Sri Lanka - A Comparative Legal Analysis of South Asian countries under International Law. *International Symposium on Gender Equity and Equality with the support of UNESCO*, Eastern University of Sri Lanka.
11. Selvaras, J. ( 2017). The Legislator becomes the transgression? - An appraisal of the Predicament of the Up-country Tamils. *The conference on Upcountry Tamils: Charting a new future*, The International Centre for Ethnic Studies.

12. Selvaras. J. (2017). Incorporating Environmental Concerns in to the Bilateral Investment Treaties of South Asian Countries. The Korea Chapter of the Asian Society of International Law. *6<sup>th</sup> Biennial Conference of the Asian Society of International Law*, Korea.
13. Selvaras, J. (2017). Full Protection and Security Clause in the Bilateral Investment Treaties of South Asia', *14<sup>th</sup> Asian Law Institute and University of Philippines*, College of Law, Philippines.
14. Rosa. S.R.L. (2017). A Comparative Analysis of Antiquity Ordinance No.9 of 1940 in Sri Lanka with the Current International Standard for the Protection of Antiquities. *10<sup>th</sup> Annual Research Conference*, The Royal Asiatic Society of Sri Lanka.
15. Wijesinghe, S. S. (2017). Comparative Analysis of Collective Management Organizations of Copyrights and Related Rights; With Special Reference to Sri Lanka. Nawala, Sri Lanka: *The Open University Research Sessions*, The Open University of Sri Lanka.
16. Wijesinghe, W.A.W.A.S.S. (2017). Patenting Software Related Inventions in Sri Lanka: Comparative Analysis with Reference to United States of America, United Kingdom and European Union
17. Wijesinghe, W.A.W.A.S.S. (2017). Sri Lankan Symbol of International Law - An Appreciation of Late Judge C.G. Weeramantry.
18. Janaka, S. (2017). Incorporating environmental concern into the bilateral investment treaties of South Asian Countries.
19. Janaka, S. (2017). Full Protection and security clause in the bilateral investment treaties of South Asian Countries.
20. Janaka, S. (2017). Statue of Transgender as gender sexual minorities in South Asia- A Legal analysis under International Law.
21. Janaka, S. (2017). Protection of women in non international armed conflict- A feminist Perspective .
22. Janaka, S. (2017). Protection from sexual Harrassment at workplace - A comparative legal Analysis of Indo- Lanka legal system.
23. Janaka, S. (2017). The legislator becomes the Transgressim - the predicament of the Up-Country Tamil: An Apprasal.

## Department of Management studies

### Books/Book Chapters

None

### Journal Publications

1. Fernando, P.M., Abeysekera, N., & Sathgunalingam, R. (2017). The Impact of Social Media on Relationship Marketing, With Special reference to ABC Company, Zenith. *International Journal of Multidisciplinary research* , 7(2),26-37
2. Hapugoda, J. C., & Sooriyarachchi, M. R. (2017). A Comparative Study of Generalized Linear Mixed Modeling and Artificial Neural Network approach for the joint modeling of survival and incidence of Dengue patients. *Journal of Physics Conference Series*, 890(1), 012135 (DOI: 10.1088/1742-6596/890/1/012135) (Indexed in SCOPUS).
3. Atapattu, K. & Sivalogathan, V. (2017). The Impact of Job Satisfaction on Intention to Leave; With A Special Reference to Teachers In International Schools Of Colombo District. *Management Issues*, 2 (1). The Open University of Sri Lanka.
4. Liyanagamege, C.H.D.D. (2017). Efficiency of Sri Lankan Banking Sector – An Empirical Study, *International Research Journal of Business and Management*, 10(11). Global Wisdom Research Publications.
5. Perera R.J.M., Johar G.M., Kathibi A., Atan H., Abeysekera N., & Dharmaratne, I.R. (2017). PLS-SEM Based Analysis of Service Quality and Satisfaction in Open Distance Learning in Sri Lanka. *International Journal of Business and Management*, 12(11),194-217
6. Perera R.J.M., Sudasinghe, S.R.S.N., Abeysekera N., & Dharmaratne I, R. (2017). Predictive Drivers of Students Satisfaction in Open Distance Learning in Sri Lanka, *International Journal of Advanced Research and Publications (IJARP)*, 1(4), 200-211.
7. Seneviratne, P. (2017) Women, ethnography and the ‘other’: A Methodological Reflection. *The Qualitative Report*, 22(4-6) 1050-1075.
8. Seneviratne, P. (2017). Women, the ‘ongoing process of worldwide primitive accumulation’ and female plantation workers of Sri Lanka: A Marxist Feminist Analysis, *International Journal of Gender and Women’s Studies*, 5(1), 76-87.

9. Satgunaligam, R., Abesyekera, N & Fernando P.M, (2017) The Impact of customer orientation on relationship marketing, *International Journal of Multidisciplinary research*, 7(2), -26
10. Sivalogathan, V. & Ranaweera, S. (2017). Innovation Practices of Large-Scale Manufacturing Organizations Located in Industrial Estates in the Western Province of Sri Lanka. *Management Issues*, 2(I). The Open University of Sri Lanka.
11. Sapukotanage S. Warnakulasuriya, B.N.F. & Yapa, S.T.W.S. (2017). Can Supplier Governance Improve Sustainable Performance of Manufacturing Firms? *International Business Research*, 10(12), 97-111.

### **Conference proceedings/abstracts/extended abstracts**

1. Dassanayake, H. C., Nishantha, B., & Senevirathne, W. A. R. (2017). Enhancing student involvement through support services offered: case of distance education in Sri Lanka. *31<sup>st</sup> Asian Association of Open Universities (AAOU) Conference*, Indonesia Open University, 27-29.
2. Fernando, S.D.A., Manoshika, S., & Senevirathne, W. A. R. (2017). Influence of Television Advertisements on Consumer Buying Behaviour. A Study on Fortune Cooking Oil. *Student Research Symposium of the Faculty of Humanities & Social Sciences (HSSRS -2017)*, The Open University of Sri Lanka.
3. Fernando, V., Samarasinghe, D., Kurruppu, G. & Abeysekera, N. (2017). The Impact of Green Attributes on Customer Loyalty of Supermarket Outlets in Sri Lanka. *3<sup>rd</sup> International Conference, Moratuwa Engineering Research Conference (MERCon -2017)*, University of Moratuwa, Sri Lanka.
4. Gamini, L.P.S. (2017). Perceived Effectiveness of ODL Programmes: Graduates and Faculty Perspective. *31<sup>st</sup> Annual Conference of the Asian Association of Open University-2017*.
5. Gamini, L.P.S. (2017). Study on Tourists' Satisfaction on Service Quality and Attributes of Hotel Industry: With Special Reference to the Jaffna Peninsula. *Open University Research Sessions*, The Open University of Sri Lanka.
6. Gamini, L.P.S. (2017). Tourists' Satisfaction on destination attributes and repeat visit: with special reference to Delft Sri Lanka. *Open University Research Sessions*, The Open University of Sri Lanka.
7. Gamini, L.P.S. (2017). Tourists' Satisfaction towards Destinations in Jaffna Peninsula, Sri Lanka: With Special Reference to Beach Holiday. *International Research Conference*, Vavuniya Campus of University of Jaffna.

8. Gamini, L.P.S. (2017). Assessment of Overall Job Satisfaction and the Influence of Selected Work Environment Factors on Job Satisfaction among Healthcare Assistants in District General Hospital, Gampaha. *Annual Sessions of College of Medical Administrators*.
9. Gamini, L.P.S. (2017). Tourists Satisfaction towards Heritage Tourism in Jaffna Peninsula: Sri Lanka. *International Research Conference*, Vavuniya Campus of University of Jaffna.
10. Gonagala, K.B. & Abeysekera, N. (2017). Factors affecting for Customer Satisfaction: Special reference to Sri Lankan Airlines, *Student Research Symposium of the Faculty of Humanities & Social Sciences (HSSRS - 2017)*, The Open University of Sri Lanka
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12. Hapugoda, J. C. & Sooriyarachchi, M. R. (2017). Bivariate modeling of discrete time hazard model with the Poisson Regression model: A case study on Poultry Data. *3<sup>rd</sup> International Conference on Statistics*, Sri Lanka.
13. Hapugoda, J. C. & Sooriyarachchi, M. R. (2017). Bivariate modeling of Discrete Time Hazard Model with the Poisson Regression Model: A case study on Poultry Data. *International Conference of Institute of Applied Statistics*, Sri Lanka
14. Hapugoda, J. C. & Sooriyarachchi, M. R. (2017). Bivariate modeling of Survival and Count. *International Conference of Institute of Applied Statistics*, Sri Lanka
15. Hapugoda, J. C., Sooriyarachchi, M. R., Kalupahana, R. S., & Satharasinghe, D. A. (2017). Joint Modeling of Mixed Responses: An Application to Poultry Data. *5<sup>th</sup> Annual International Conference on Operations Research and Statistics (ORS)*, Singapore.
16. Jayasekara, P. P., Hapugoda, J. C., & Kalupahana, R. S. (2017). Potentials of improving microbiological quality and safety of fermented dairy products manufactured by small-scale processors in Kandy district, Sri Lanka. *3<sup>rd</sup> International Conference on Global Food Security*, South Africa.
17. Jayasekara, P. P., Hapugoda, J. C., Kuruppu, K., Abeykoon, A. M. H., Kalupahana, R. S., & Fletcher, A. S. (2017). Preliminary assessment of

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18. Kalimuththu, S., Abeysekera, N., & Gamini, L.P.S. (2017). Tourists Satisfaction towards Heritage Tourism in Jaffna Peninsula: Sri Lanka. *Open University Research Sessions*, The Open University of Sri Lanka.
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## **DEPARTMENT OF SOCIAL STUDIES**

### **Books/Book Chapters**

1. Madhubhashini G.T. (2017). *Digital Divide: Internet Diffusion in Sri Lanka*. Maradana: Godage Publishers.

### **Journal Publications**

1. Chnadrabose, A.S. (2017). Repatriation of Plantation Workers and its Impact on Caste Composition and Cultural Life in Plantation in Sri Lanka' published by the International Journal of Humanities & Social Science Studies, *A peer-reviewed indexed bi-monthly journal*, Scholar Publications, Karimagaj, Assam, India, 4(1).
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3. Mendis, B.M.P. (2017). Mobilization of people for participatory housing under the newly revived Village Reawakening Movement”, *United Nations Habitat Day*. Urban Settlement Development Authority of Sri Lanka
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5. Mendis, B.M.P. (2017). The Role of the Church in laying the foundation principles in strengthening Youth Leadership Qualities; Case of St. Thomas' Preparatory School, Colombo 3, *Ceylon Churchman* 4(115).
6. Balamurali, N. & Sivarajasingham, S. (2017). Testing for Long memory in the LKR/USD Exchange rate: Evidence from Sri Lanka. *Journal of Business Studies*, University of Jaffna.

### **Conference proceedings/abstracts/extended abstracts.**

1. Welikala, S. (2017). Popular Justice or Filtering process? Alternative Dispute Resolution in an era of Neoliberal Social Polices in Sri Lanka. *Annual Conference of the Asian Law and Society Association (ALSA) Law School*, National Chaio Tung University, Taiwan.
2. Chanadrabose, A.S. (2017). Tea Smallholdings Sector in Sri Lanka: Nature of Growth and Development' A Tribute to A Pioneer in Social Science at Open University of Sri Lanka, The Open University of Sri Lanka.
3. Fernando, W.T.A. (2017). Are drones invading our privacy? Social Legal Aspects of Drone Journalism. Middlesex University, Dubai.
4. Fernando, W.T.A. (2017). Improving access and reducing the dropouts. *Annual conference of distant education of AAOU*. University of Tebuka, Indonesia
5. Balamurali, N. (2017). Employment Aspirations of Youth in the Northern Province of Sri Lanka. *6<sup>th</sup> international Conference of the Sri Lanka Forum of University Economicsts at Rajarata University*, Sri Lanka.
6. Balamurali, N. (2017). Testing for Long memory in the LKR/USD Exchange Rate in Sri Lanka. *4<sup>th</sup> international Conference on contemporary Management*.
7. Balamurali, N. (2017). Youth Labour Market in the Northern Province of Sri Lanka. *Ruhuna University International conference on Humanities and Social Sciences*.
8. Balamurali, N. (2017). Youth Labour Market in the Northern Province of Sri Lanka. *6<sup>th</sup> International conference*, Sabaragamuwa University, Sri Lanka.
9. Balamurali, N. (2017). Nature of Youth Labour Market in the Northern Province of Sri Lanka. *Open University Research Sessions*, The Open University of Sri Lanka.
10. Balamurali, N. (2017). Does LKR/AUD Exchange rate exhibit Long memory-An Empirical Evidence using Fractional Integration Approach.
11. Bulumulle, K. S. (2017). Report of the training workshop on leadership and career development women in science, technology and research (STR) by The National

Academy of Sciences of Sri Lanka and Sri Lankan Academy of Young Scientists:  
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12. Samarakoon, S.M.A.K. (2017). Realism, Regional Hegemony and Small States: A Reappraisal of External Balancing in Sri Lanka's Foreign Policy, 1948-2000. *16<sup>th</sup> Green and Sustainable Computing Conference (IGSC)*, University of Hawaii.
13. Madhubhashini, G.T. (2017). Use of Information and Communication Technologies for Natural disaster Management in Sri Lanka: Special reference to Matara DS Division. *10<sup>th</sup> Global Studies Conference*, National University of Singapore, 52.
14. Madhubhashini G.T. (2017). Broadcast Ratings system in Sri Lanka: Issues and Implications. *Open University Research Sessions*, Open University of Sri Lanka, 313-316.

**FACULTY OF NATURAL  
SCIENCES**

## FACULTY OF NATURAL SCIENCES

Department	Books/ Book Chapters	Journal Publications	Conference proceedings /abstracts/ extended abstracts
Department of Botany	0	27	18
Department of Chemistry	0	4	10
Department of Computer Sciences	0	3	0
Department of Mathematics	0	11	3
Department of Physics	0	13	20
Department of Zoology	0	12	17
<b>Total</b>	<b>0</b>	<b>70</b>	<b>68</b>

### DEPARTMENT OF BOTANY

#### Books/Book Chapters

None

#### Journal Publications

1. Adikaram, N.K.B. Karunanayake, K.O.L.C. Sinniah, G.D. Abayasekara, C.L. Vithanage, S. K. & Yakandawala, D.M.D. (2017). A review of the role for natural defenses in the management of *Colletotrichum* rotting of ripe mangoes. *Acta Horticulturae*, 1183, 229-232
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  6. Ekanayake E. M. S.I., Weerakoon S. R., Somaratne S., & Weerasena, O. V. D. S. J. (2017). Developing Herbicide Resistant Sri Lankan rice (*Oryza sativa* L.) varieties: An Application of Self Organizing MAP. *Journal of Information Processing in Agriculture*, 4(2), 140-149.  
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  7. Ekanayaka S.E., Weerakoon S.R., Somarathne S., Weerasena O.V.D.S.J. & Silva, T.D. (2017). *In vivo* and *in vitro* application of chemical mutagen-EMS to induce herbicide resistance in Sri Lankan rice (*Oryza sativa* L.) varieties. *Scholars Journal of Research in Agriculture and Biology*, 2(2), 108-114.
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  9. Fernando, W.B.N.T., Abeysundara, H.T.K., Herath, A.T., Hemage, K.R.D., Kumudumali, D.P.G.S., Hettiarachchi, T. W., Sudeshika, S.H.T., Badurdeen, M. Z., Abeysekara, D.T. J., & Nanayakkara, N. (2017). Evaluate the preciseness of three population screening approaches to true prevalence of ckd-u Sri Lanka. 130<sup>th</sup> congress of the Sri Lanka Medical Association (SLMA), *Ceylon Medical Journal*. 62(1), 159.
  10. Karunanayake, K.O.L.C., Sinniah, G.D., Adikaram, N.K.B., & Abayasekara, C.L. (2017). How constitutive defences affect the development of postharvest anthracnose and stem-end rot in mango fruit. *Acta Horticulturae*, 1183, 245-250.
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16. Kurupparachchi, K.A.J.M. & Karunanayake, K.O.L.C. (2017). Characteristics of students and prior knowledge on ODL concepts as perceived by B.Sc. undergraduates at first registration: A case study from The Open University of Sri Lanka. *Asian Association of Open Universities Journal*, 12 (01), 41-51. Retrived from <https://doi.org/10.1108/AAOUJ-11-2016-0004>
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18. Lakshika R. A. D. D., Ekanayake, E. M. S. I., Weerakoon S. R., & Somaratne S. (2017). Natural Resistance to Broad-Spectrum Herbicides; Glyphosate and Glufosinate by Sri Lankan Rice (*Oryza sativa* L.) varieties. *Journal of Plant Physiology & Pathology*, 5 (6), 1-4. Retrived from 10.4172/2329-955X.1000176
19. Munasinghe S.P., Weerakoon S.R., Somaratne S., & Ranasinghe, C. (2017). An Efficient Callus Induction Protocol for *Gyrinops walla* Gaetner ‘Walla Patta’, a commercially important Agarwood species in Sri Lanka. *Scholars Journal of Research in Agriculture and Biology*, 2(2), 96-102.



20. Munasinghe S.P., Somaratne S., & Weerakoon S. R. (2017). Screening of Sri Lankan Rice (*Oryza sativa* L.) Landraces for Drought tolerance. *Tropical Agricultural Research*, 28 (2), 183-191.
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22. Perera, O.D.A.N., Weerahewa, H.L.D., & Vidanagamage, S. (2017). Role and current trends of developing fruit vegetable and cereal based probiotic foods: a review. *International journal of fermented food*, 6(2), 85-93.
23. Perera, P.L.A.P., Weerasinghe, T.K., & Narangoda, S.U. (2017). Potential drivers, Limitations and Benefits in Implementing ISO14001 Environmental Management Systems for Organizations in Sri Lanka, *International Journal of Development Research*, 7(03). 11903-11911.
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25. Weerasinghe, T.K. & De Silva I.H.W.K. (2017). Effect of applying different ratios of compost made of municipal solid waste on the growth of *Zea mays* L. (Corn), *Journal of Soil science and Environmental Management*, 8(3), 52 – 62. Retrived from 10.5897/JSSEM2016.0609 ISSN 2141-2391.
26. Wijayawardene, N.N., Papizadeh, M., Alan, J.L., Phillips, Dhanushka, N., Wanasinghe, D., Jayarama, B., Weerahewa, H.L.D., Shenoy, B.D., & Wang, Y. (2017). Mycosphere Essays 19: Recent advances and future challenges in taxonomy of *coelomycetous* fungi. *Mycosphere* 08 (07), 934-950.
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Thambugala., Dhanushka N. Wanasinghe., Bharati O. Sharma., Subhashgaikwad., Gargeepandit., Laura Zucconi., Silvanoonofri., Eleonoraegidi., Huzefa A. Raja., Rampaikodsueb., Marcela E. S. Ca ´Ceres., Sergio Pe ´Rez-Ortega., Patri ´Cia O. Fiuza., Josiane Santana Monteiro., Larissa N. Vasilyeva., Roger G. Shivas., Maria Prieto., Mats Wedin., Ibaiolariaga., Adebolaazeezlateef., Yamini Agrawal., Seyedabolhassanshahzadehfazeli., Mohammad Ali Amoozegar., Guo Zhu Zhao., Walter P. Pfliegler., Gunjan Sharma., Magdalena Oset., Mohamed A. Abdel-Wahab., Susumu Takamatsu., Konstanzebensch., Nimaliindeewari De Silva., Andre ´ De Kesel., Anuruddhakarunaratna., Saranyaphatboonmee., Donald H. Pfister., Yong-Zhong Lu., Zong-Long Luo., Nattawutboonyuen., Dinushani A. Daranagama., Indunil C. Senanayake., Subashini C. Jayasiri., Milan C. Samarakoon., Xiang-Yu Zeng., Mingkwandoilom., Luis Quijada., Sillmarampadarath., Gabriela Heredia., Asha J. Dissanayake., Ruvishika S. Jayawardana., Rekhani H. Perera., Li Zhou Tang., Chayanardphukhamsakda., Margarita Herna ´Ndez-Restrepo., Xiaoya Ma., Saowalucktibpromma., Luis F. P. Gusmao., Weerahewa H.L.D. Samantha C. Karunaratna., Notes For Genera: Ascomycota (2017). *Fungal Diversity* Retrieved from 10.1007/S13225-017-0386-0, 594

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3. Dellysse, J. E., Madurapperuma, B. D., & Kuruppuarachchi, K. A. J. M. (2017). Preliminary study on biomass mapping along the coastal zone of Hambantota region, Sri Lanka using Landsat imagery. *Open University Research Sessions*, The Open University of Sri Lanka, 497-500.
4. Dissanayake, D. M. L. C., Weerakoon, S. R., Somaratne, S., Nilakarawasam, N., & Ranasinghe, C. (2017). Effect of Crude Methanolic Extracts of *Embllica officinalis* in Cholesterol Induced Wistar Albino Rats (*Mus norvegicus albinus*). *Open University Research Sessions*, The Open University of Sri Lanka, 415-418.
5. Dissanayaka D.M.L.C., Weerakoon S.R., Somaratne S., Nilakarawasam N., & Ranasinghe C. (2017). Optimization of the Dosage of *Phyllanthus*

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6. Fernando, W.B.N.T., Abeysundara, H.T.K., Herath, W. H. M. A.T., Hemage, K.R.D., Kumudumali, D.P.G.S., Hettiarachchi, T.W., Sudeshika, S.H.T., Badurdeen, M.Z., Abeysekara, D.T.J., & Nanayakkara, N. (2017). Disparity of unhealthy habits and family history of chronic kidney disease in chronic kidney disease of uncertain etiology against pertinent controls. *Research Congress*, Postgraduate Institute of Science, University of Peradeniya, 86.
  7. Fernando, W.B.N.T., Hemage, K.R.D., Herath, W. H. M. A.T., Kumudumali, D.P.G.S., Hettiarachchi, T. W., Sudeshika, S.H.T., Badurdeen, M.Z., Abeysekara, D.T.J., & Nanayakkara, N. (2017). Study in Nutritional Markers in CKD-u in Sri Lanka. *International Peradeniya University Research Session (iPURSE)*, University of Peradeniya. Vol 21, 334.
  8. Hughes, M., Kumarage, L.D. Mahardika, A. & Rubite, R. (2017). Asian Begonia biogeography tracks mountain-building and microplate tectonic movement. *XIX International Botanical Congress*, Shenzhen, China.
  9. Kalpani, P. G. M., Weerakoon, S. R., Somaratne, S., Nillakarawasm, N., & Ranasinghe, C. (2017) A Preliminary Study on The Evaluation Of Hypocholesterolemic Activity Of Some *Phyllanthus* Species. 4<sup>th</sup> *Ruhuna International Science and Technology Conference (RISTCON-2017)*, 28.
  10. Kulasinghe, A.A., Karunanayake, K.O.L.C., & Somratna, S. (2017). Efficacy of essential oils for the control of stem-end rot disease in mango (*CV. Karuthacolomban*) fruit. Abstract of Proceedings. *Postgraduate Institute of Science reseach congress*. University of Peradeniya.
  11. Kuruppuarachchi, K.A.J.M., Madurapperuma, B.D., & Seneviratne G. (2017). Floristic composition and carbon sequestration of "Indikada Mukalana" Forest Reserve, Waga, low land wet zone of Sri Lanka. 22<sup>nd</sup> *International Forestry and Environment Symposium*, University of Sri Jayewardenepura, 54.
  12. Lakshika, R. A. D. D., Ekanayake, E. M. S. I., Weerakoon, S. R., & Somaratne, S. (2017). Natural herbicide resistance in Sri Lankan rice (*Oryza sativa* L.) Varieties for broad-spectrum herbicides; glyphosate and glufosinate. 3<sup>rd</sup> *global summit on plant science*. Italy.

13. Lakshika, R. A. D. D., Weerakoon, S. R., & Somaratne, S. (2017). Assessment of Glufosinate Resistance in Selected Sri Lankan Rice (*Oryza sativa L.*) varieties. *The 6<sup>th</sup> Young Scientists' Forum (YSF)*, 69-73.
14. Madurapperuma, B.D., Dellysse, J., E.Kuruppuarachchi, K. A. J. M., & Dissanayake, G.K.P. (2017). Mapping topographic and vegetation bioshield mass recovery along the shoreline using Kite Aerial Photography. *22<sup>nd</sup> International Forestry and Environment Symposium*, University of Sri Jayewardenepura, 78.
15. Munasinghe, D.S.P., Liyanage, K.C.M., Weerakoon, S.R., Dissanayaka, D.M.L.C., & Somaratne, S. (2017). Effect of Rhythmic Buddhist Chanting (Pirith) and Pop Music on Growth Performance of *Codariocalyx motorius* (Houtt.) H. Ohasi. *73<sup>rd</sup> Annual Sessions of Sri Lanka Association for the Advancement of Science (SLAAS)*, 168.
16. Weerahewa, H.L.D & Wicramasekara, I. (2017). Preharvest application of Silicon reduces internal Browning development of pineapple (*Ananas comosus cv.Mauritius*) during cold storage:A noval approach. *IV International conferences on postharvest and quality management of interest for tropical regions (PQMHP-2017)*, Sri Lanka.
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## DEPARTMENT OF CHEMISTRY

### Books/Book Chapters

None

### Journal Publications

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### Conference proceedings /Abstracts/ Extended Abstracts

1. Baheej, M.A.A., & Senthilnithy, R. (2017). Computational study on HDAC enzyme inhibitors for anti-cancer therapy. *6<sup>th</sup> Annual Science Research Session, Faculty of Applied Sciences, South Eastern University*, 10.
2. Bandarage, G. (2017). Dependence of graduation rate on entry qualifications in the B.Sc. programme at the Open University of Sri Lanka: A case study. *Open University Research Sessions, The Open University of Sri Lanka*, 21-25.
3. Bopage, N.S., Jayawardana K.H., Wijeyaratna, S.C., Abesekara, A.M., & Gunaherath, G.M.K.B. (2017). Wound healing potential of some selected medicinal plants used in ayurveda in Sri Lanka. (94). *5<sup>th</sup> International conference on Ayurveda, Unani, Siddha and Traditional Medicine, Sri Lanka*.
4. Dissanayake, D.M.R.E.A. Iqbal, S.S. Priyantha, H.M.D.N & Iqbal, M.C.M. (2017). Determination of fuchsine-kaoline: alginate composite surface

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7. Kulatunge, D. R., Jayawardena, K. H., Wijeyaratne, S. C., & Gunaherath, G. M. K. B. (2017). Identification of compounds responsible for the wound healing activity of "Pinda oil". *The International conference on Ayurveda, Unani, Siddha and Traditional Medicine (iCAUST - 2017)*, Sri Lanka. 98.
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10. Wijesinghe, W.M.K.E.H., Dissanayake, D.M.R.E.A., Iqbal, S.S., Priyantha, N., & Iqbal, M.C.M. (2017). Removal of phosphate by feldspar-fly ash-alginate composite. *Post Graduate Institute of Science Research Congress, Sri Lanka*.

## **Department of Computer Sciences**

### **Books/Book Chapters**

None

### **Journals Publications**

1. Ariyasingha I.D.I.D. & Fernando T.G.I. (2017). Random weight-based ant colony optimisation algorithm for the multi-objective optimisation problems. *International Journal of Swarm Intelligence*, 3(1), 77-100.
2. Punchimudiyanse M. & Meegama R.G.N. (2017). Animation of fingerspelled words and number signs of the Sinhala sign language. *ACM Transactions on*

*Asian and Low-Resource Language Information Processing (TALLIP)*, 16(4), 24:1-24-26

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#### **Conference proceedings/abstracts/extended abstracts.**

None

### **DEPARTMENT OF MATHEMATICS**

#### **Books/Book Chapters**

None

#### **Journal Publications**

1. Gnanapragasam S. R. (2017). An Empirical Study on Human Leptospirosis Cases in the Western Province of Sri Lanka, *The Open University of Sri Lanka Journal*, 12(1),109-127.
2. Gnanapragasam S.R. (2017). A multivariate approach to classify the Districts of Sri Lanka based on the cost of living, *International Journal of Information Research and Review*, 4(5), 4128-4132.
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5. Peris H.O.W., Chakrawarthy, S., Perera, S.S.N., & Ranawala, S.M.W. (2017). Novel Fuzzy Linguistic based Mathematical model to assess risk of Invasive alien plant species, *Journal of Applied Soft Computing (ELSEVIER)*, 59, 326-339.
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10. Wickramaarachchi, W.P.T.M. & Perera, S.S.N. (2017). Impact of Climate Changes on Dynamics of Dengue Transmission in Sri Lanka. *International Journal of Pure and Applied Mathematics*, 117(11).
11. Wickramaarachchi, W.P.T.M., & Perera, S.S.N. (2017). The nonlinear dynamics of the dengue mosquito reproduction with respect to climate in urban Colombo: a discrete time density dependent fuzzy model, *International Journal of Mathematical Modelling and Numerical Optimisation, Inderscience Publishers*, 8(2), 145-161.

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1. Gnanapragasam S. R. (2017). Modeling seasonal Leptospirosis cases in Western province of Sri Lanka. *4<sup>th</sup>Ruhuna International Science and Technology Conference (RISTCON-2017)*, 37.
2. Peris, H.O.W., Chakrawarthy, S., Perera, S.S.N., & Ranawala, S.M.W. (2017). Evaluate the Rate of Aggregate Risk of Invasive Alien Species: Fuzzy Risk Assessment Approach. *6<sup>th</sup> Annual International conference on Computational Mathematics, Computational Geometry and Statistics-2017*, Singapore, 18-23.
3. Wickramaarachchi, W.P.T.M., Perera, S.S.N., (2017). A non-probabilistic temperature dependent dynamic model for dengue transmission in urban Colombo. *International conference on Computational Modeling and Simulation*, University of Colombo.



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### Books/Book Chapter

None

### Journal Publications

1. Bandara, K. N. D., Jayathilaka, K.M.D.C., Gunewardene, M. S., Dissanayake, D. P., & Jayanetti, J. K. D. S. (2017). Surface properties of sulphur based surface modified n-Cu<sub>2</sub>O thin films for enhanced liquefied petroleum gas sensing. *Journal of Physics D: Applied Physics*, 50 (48), Retrived from 485304.<https://doi.org/10.1088/1361-6463/aa9204>.
2. Dissanayake, M.A.K.L., Sarangika H.N.M., Senadeera G.K.R., Divarathne, H.K.D.W.M.N.R., & Ekanayake E.M.P.C. (2017). Application of a nanostructured, tri layer TiO<sub>2</sub> photoanode for efficiency enhancement in quasi solid electrolyte based dye sensitized solar cells. *Journal of Applied Electrochemistry*, 47 (11). 1239-1249.
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7. Fernando, V. (2017). Determination of the optimum pixel size for the highest spatial resolution in molecular images produced by continuouslaser raster sampling technique with imaging mass spectrometry. *The international journal of Science and Technology*, 5(11), 80-85.
8. Kumari, J.M.K.W., Senadeera, G.K.R., Dissanayake, M.A.K.L., & Thotawatthage C.A. (2017). Dependence of photovoltaic parameters on the size of cations

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9. Perera, K.A.S., Vidanapahirana, K.P., Jayamaha, B., Wewegama, L., Dissanayake, M.A.K.L., Senadeera, G.K.R., & Vignarooben, K. (2017). Polyethylene oxide based nanocomposites polymer electrolytes for redox capacitors. *Journal of Solid state Electrochem*, 21, 3459-3465.
10. Samarasekara, P. & Yapa, N.U.S. (2017). Third order perturbed heisenberghamiltonian of sc ferromagnetic films with fifty spin layers. *GES Journal of Physics*, 2(18), 64-72.
11. Sarangika H.N.W., Dissanayake, M.A.K.L., Senadeera, G.K.R., Rathnayake P.R.P.W., & Pitawala, H.M.J.C. (2017). Polyethelene oxide and ionic liquid based polymer electrolyte for regargeable magnesium batteris. *International Journal of Ionics the Science and Technology of Ionic Motion (IONICS)*, 23(10), 2829-2835.
12. Weerasinghe, A.M.J.S., Dissanayake, M.A.K.L., Senadeera, G.K.R., Senaviratne, V.A., Thotawatthage C.A., & Kumari, J.M.K.W. (2017). Application of electrospun cellulose acetate nanofibre membrane based quasi-solid state electrolyte for dye sensitized solar cells. *Ceylon Journal of Science*, 46(2), 93-98.
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2. Ajward, N. F., Wickramasinghe, G. C., Rajendra, J. C. N., & Perera, V. P. S. (2017). Preliminary Study to use  $\text{SiO}_2$  extracted from Rice Husk to be used in semiconductor composites for solar cell applications. *Technical Sessions*, Institute of Physics of Sri Lanka (IPSL). 33, 6-11.
3. Alahakoon, T.N, Perera, V.P.S., Shantha, N. G. S., & Manathunga, C.H. (2017). Fabrication of Sodium Ion Rechargeable Battery Using Earth Abandant Orthosilicates. *Open University Research Sessions*, The Open University of Sri Lanka, 501.
4. Attanayake, D.S.M. & Fernando, G.W.A.R. (2017). Possible Causative Factors for Dental Fluorosis in the Monaragala District. *Research Congress*. Postgraduate Institute of Science, 35.

5. Fernando, G.W.A.R., Dharmapriya, P.L., & Baumgartner, L.P., (2017). Silica-undersaturated reaction zones at a crust–mantle interface in the Highland Complex, Sri Lanka: Mass transfer and melt infiltration during high-temperature metasomatism *Lithos*, 284-285, 237-256.
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7. Fernando, G.W.A.R., Kumara, Y.P., & Jayasiri H.B. (2017). Diversity and Abundance of Marine Plankton and Hydrography in Southern Bay of Bengal. *Research Congress (Rescon) of Postgraduate Institute of Science*, University of Peradeniya.
8. Illeperuma, G.D. & Sonnadara, D.U.J. (2017). Computer Vision Based Object Tracking as a Teaching Aid for High School Physics Experiments. *International Conference on Electrical Engineering*. Computer Science and Informatics (EECSI).
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10. Jayawardena, H. K. W. I. & Jayawardena, D.R. (2017). Understanding Connections between Climates, Extreme Weather. *International Roundtable on the Impact of Extreme Natural Events: Science and Technology for Mitigation*.
11. Kumara, Y.P., Jayasiri, H.B., & Fernando, G.W.A.R. (2017). Diversity and Abundance of Marine Plankton and Hydrography Insouthern Bay of Bengal. *Postgraduate Institute of Science Research Congress*, Sri Lanka, 36.
12. Kumari, J.M. K.W., Dissanayake, M.A.K.L., Senadeera, G.K.R., Thotawatthage, C. A., & Weerasinghe, A. M. J. S. (2017). Influence of cation concentration in the electrolyte on photovoltaic performance of dye sensitized solar cells ISSN: 1391-8795. *4<sup>th</sup> Ruhuna International Science & Technology Conference*, University of Ruhuna, 43.
13. Nupearachchi, C. N., Perera, V. P. S., Samarasinghe, K. A., & Arawwawala, L. D. A. M. (2017). Analysis of Selected Varieties of Banana Piths as Electrolyte in Bio Batteries. *5<sup>th</sup> International Conference on Ayurveda, Unani, Siddha and Traditional Medicine*, Sri Lanka.
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15. Rathnayake, R.R.D.V., Perera, V.P.S., & Manathunga, C.H. (2017). Synthesis and

characterization of  $\text{Na}_x\text{MnO}_2$  as a cathode material for Sodium-ion rechargeable Batteries. *Technical Sessions of Institute of Physics Sri Lanka (IPSL-2017)*, 33, 39-44.

16. Rathnayake, R.R.D.V., Perera, V.P.S., & Manathunga, C.H. (2017). Capability of using ore Magnetite directly as Cathode material for Sodium-Ion Rechargeable Batteries. *International conference on Multi-disciplinary Approaches (ICMA-2017)*.
17. Sarangika, H.N.M., Senadeera, G.K.R., Dissanayake, M.A.K.L., Karunaratne, W.G.M.D., & Perera, M.G.A.N. (2017). Low, cost, highly efficient  $\text{TiO}_2$  based Electrochromic device for architectural applications. *4<sup>th</sup> Ruhuna International Science & Technology Conference*. University of Ruhuna. Sri Lanka, 40.
18. Wickramasinghe, G. C., Jayathilaka, D.L.N., & Perera, V. P. S. (2017). Construction of Dye Sensitized Solar Cell Using Natural Dye Extraction From Petals of Erabadu Flower. *Open University Research Sessions*, The Open University of Sri Lanka, 523.
19. Wickramasinghe G.C. & Perera, V.P.S. (2017). Natural Pigment Extracted from Bracts of Banana Flower for Dye Sensitized Solar Cells. *Technical Sessions*. Institute of Physics Sri Lanka (IPSL-2017), 33. 1-5.
20. Weerasinghe, A.M. J. S., Dissanayake, M.A.K.L., Senadeera, G.K.R., Thotawatthage, C.A. & Kumari, J.M.K.W. (2017). Poly (vinylidene fluoride-hexafluoropropylene) and fumed silica based nano-composite electrolyte for efficient dye sensitized solar cell. *4<sup>th</sup> Ruhuna International Science & Technology Conference*, University of Ruhuna, 45.

## **DEPARTMENT OF ZOOLOGY**

### **Books/Book Chapters**

None

### **Journals Publications**

1. Andrew, M. K. Anjali, C.W. & Fernando, T.S.P. (2017). The ecology and behaviour of a protected area Sri Lankan leopard (*Panthera pardus kotiya*) population. *Tropical Ecology*, 58(1), 71–86.
2. Balasooriya, E. R. Jayasinghe, C. D. Jayawardena, U. A. Ruwanthika, R. W. D. Mendis, de Silva, R. & Udagama, P. V. (2017). Honey mediated green synthesis of nanoparticles: new era of safe nanotechnology. *Journal of Nanomaterials-2017*.

3. Chandrani W.A.Y. & Wattevidanage J. (2017). Effect of different cooking methods on proximate composition of two fish species of *Gazza minuta* and *Leiognathus dussumierii* in West coast of Sri Lanka, *International Journal of Science Arts and commerce*.
4. Dharmasiri, A.G.G. Perera, A.Y. Harishchandra, J. Herath, H. Aravindan, K. Jayasooriya, H.T.R., Ranawaka, G.R. & Hewavitharane, M. (2017). First record of *Anopheles stephensi* in Sri Lanka: a potential challenge for prevention of malaria reintroduction-case report. *Malaria Journal*, 16, 326.  
Retrieved from 10.1186/s12936-017-1977-7.
5. De Mel, Y. Perera, S. Ratnaweera, P. B. & Jayasinghe, C. D. (2017). Novel insights of toxicological evaluation of herbal medicine: Human based toxicological assays. *Asian Journal of Pharmacy and Pharmacology*, 3(2), 41-49.
6. Jayasinghe, C. D. Gunasekera, D. S. De Silva, N. Jayawardena, K. K. M. & Udagama, P. V. (2017). Mature leaf concentrate of Sri Lankan wild type *Carica papaya Linn.* modulates nonfunctional and functional immune responses of rats. *BMC complementary and alternative medicine*, 17(1), 230.
7. Jayawardena, U. A. Angunawela, P. Wickramasinghe, D. D. Ratnasooriya, W. D. & Udagama, P. V. (2017). Heavy metal-induced toxicity in the Indian green frog: Biochemical and histopathological alterations. *Environmental toxicology and chemistry*, 36(10), 2855-2867.
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9. Ozawa, S. Dahanayaka, D.D.G.L. Warnajith, N. & Quarmal, S.B.(2017) Renovation of Research and Education in South Asian Countries by Means of ICT. *OUSL Journal*, The Open University of Sri Lanka, 12(2), 19-41.
10. Perera, N., Dahanayaka D.D.G.L., & Udagedara, S. (2017) Habitat preference and population structure of two data deficient seahorse (*Syngnathidae*) species. *OUSL Journal*, The Open University of Sri Lanka, 12(2), 75-97.
11. Punchihewa, N. N., Krishnarajah S.R., & Vinobaba P. (2017). Mysid (*Crustacea: Mysidacea*) distribution in the Bolgoda Estuarine System and Lunawa Lagoon, Sri Lanka. *International Journal of Environment*, 6(1), 23-30.

12. Suraweera, P.A.C.N.B. & Dahanayaka, D.D.G.L. (2017). Assessment, monitoring and management of Invasive Alien Species at Bundala National Park (A Ramsar Wetland) in Sri Lanka, *Wetlands Sri Lanka*. Central Environmental Authority, Sri Lanka. 3, 80-85.

### **Conference proceedings/ abstracts/ extended abstracts**

1. Amarathunga, A.A.D., Dahanayaka, D.D.G.L., Azmy, S.A.M., Pahalawattaarachchi, V., & Hettige, N.D. (2017). Assessment of the Environmental Damage Caused Due to Oil Spill Incident at Lunawa lagoon, Theldiyawatta, Muthurajawela. *3<sup>rd</sup> National Symposium on Marine Environment*, Sri Lanka, 17.
2. Dahanayaka, D.D.G.L. (2017). Applications of satellite remote sensing for conservation and management of wetland ecosystems of Sri Lanka. In: *Gloria Scientiam*. M.J.S. Wijeyaratne and W.U. Chandrasekara eds. University of Kelaniya, Sri Lanka, 255-263.
3. Dahanayaka, D.D.G.L. (2017). Remote Sensing as an efficient tool for development of Fisheries and Aquaculture Sector. *International Conference of the Aerospace Science & Engineering (ICASE-2017)*, 39-40.
4. Dahanayaka, D.D.G.L. & Pahalawattaarachchi, V. (2017). Remote-Sensed mapping of seagrass distribution in Palk Bay, Sri Lanka, using high spatial resolution World View- 2 satellite data. *Asian Conference on Remote Sensing-2017*. India.
5. Dahanayaka, D.D.G.L., Warnajith, K.N.S., Itaba, M. Minato, A., & Ozawa, S. (2017). An example of usage of KISSEL for educational platform in Sri Lanka. *Science and Technology for Sustainable Development in the Pacific” Conference*. Samoa.
6. Fernando, T.S.P., Irwin, D.E., & Seneviratne, S.S. (2017). In-depth analysis of vocal repertoires of Dinopium species complex in Sri Lanka: structural organization and categorization. *Annual Research symposium*, University of Colombo, 167.
7. Fernando, T.S.P., Jayawardena, U.A., & Rajapakse I.K. (2017). Forty years of experience in Ornithological research in The Open University of Sri Lanka; model

- of open and distance education. 40 Years of Bird Research. *FOGSL Symposium*, University of Colombo.
8. Fernando, T.S.P., Jayawardena, U.A., Rajapakse, I.K., Padmalal, U.K.G.K. (2017) Ornithological research of the Open University of Sri Lanka; A model for open and distance education. 40 years of bird research in Sri Lanka. *Field Ornithology Union 40 year commemorative symposium*, Sri Lanka.
  9. Fernando, T.S.P., Ranasinghe, R.W., & Seneviratne, S. S. (2017). Patterns of divergence revealed across biochemical, morphological, vocal and genetic traits in an island endemic: the flame-back woodpeckers of Sri Lanka. *Biogeography Conference*, India.
  10. Gammanpila, M., Dahanayaka, D.D.G.L., Pahalawattaarachchi, V., & Kithsiri, H.M.P. (2017). Variations in water quality conditions and functional habitats in Negombo lagoon with special reference to seabass cage culture practice. *4<sup>th</sup> International Conference on Fisheries and Aquaculture-2017*, Sri Lanka, 4.
  11. Goonesekera, K., van der Poorten, G., & Ranawaka, G. R. (2017). Evolution and Adaptation: A Butterfly Theory. *Sri Lankan Academy of Young Scientist (SLAYS) Open Forum-2017*, Sri Lanka.
  12. Hewavitharane, H.M.P. Ranawaka, G.R. Saparamadu, M. D. J. S.Premaratne, R. G. and Jayasooriya, H. T. R. (2017). Prevalence and bionomics of *Anopheles* species in a gem mining area in Moneragala District of Sri Lanka. *Open University Research Sessions*, The Open University of Sri Lanka.
  13. Premarathna, A.D., Somasiri, M.N.R., De Silva, M.L.W.P., Wijesekera, K.A., Wijesundara, R.R.M.K.K., Wijesekera, S.K., Ranahewa, T.H., Jayasooriya, A.P., & Rajapakse, R.P.V.J (2017). A comparative study of the wound healing activity and safety assessment of aqueous extract of *Sargassum ilicifolium*, *Conference on Wound Care. Innovations to Clinical Trials*, United Kingdom.
  14. Punchihewa, N.N. & Tharangani, E. M. D. (2017). Ecological impact of mangrove destruction on juvenile fish populations in Negombo Lagoon. *23<sup>rd</sup> Scientific Sessions of the Sri Lanka Association for fisheries and aquatic resources*.
  15. Suraweera, P.A.C.N.B., Kumari, B.H.G.K., & Dahanayaka, D.D.G.L. (2017). Assessment of invasive alien species at Bundala Ramsar wetland, Sri Lanka for their control and management. *National Symposium on Invasive Alien Species-2017*, Sri Lanka, 14.

16. Udagedara, S. & Dahanayaka, D.D.G.L. (2017). Seagrass of Sri Lanka: Research Priorities and Conservation Challenges, *Wild Lanka International Symposium-2017*. Department of Wildlife Conservation of Sri Lanka, 46.
17. Udagedara, U.S.C., Dahanayaka, D.D.G.L., & Kumara, P.B.T.P. (2017). Current Status of the Seagrass of Sri Lanka and their Research Needs Related to Climate Change. *International Conference on Climate Change-2017*, Sri Lanka, 46.



**POSTGRADUATE INSTITUTE  
OF ENGLISH**

## POSTGRADUATE INSTITUTE OF ENGLISH

	<b>Books/ Book Chapters</b>	<b>Journal Publications</b>	<b>Conference proceedings /abstracts/ extended abstracts</b>
Total	4	1	8

### **Books/Book Chapters**

1. Gagné, A. Herath, S. & Valencia, M. (2017). *Autobiographical creation: A powerful professional development strategy for teachers*. In J. Cummings & M. Blatherwick (Eds.), *Creative Practices in Curriculum and Teaching in the 21<sup>st</sup> Century* (pp. 117 – 130). Boston: Sense Publishers.
2. Gagné, A. Herath, S., & Valencia, M. (2017). *Strategies to engage and transform teacher learners in an online course*. In J. Cummings & M. Blatherwick (Eds.), *Creative Practices in Curriculum and Teaching in the 21st Century* (pp. 331 – 344). Boston: Sense Publishers.
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4. Froggett, M. & Herath, S. (2017). *Action research in Sri Lanka (Eds.): A route to inclusion and social cohesion*. Colombo: British Council.

### **Journals Publications**

1. Rambukwella, H. (2017). Locations of authenticity: S.W.R.D. Bandaranaike of Sri Lanka and the search for indigeneity. *Journal of Asian Studies*. Cambridge University Press, 76(2). 383-400

### **Conference proceedings/abstracts/extended abstracts**

1. Devapriya, A.M.M., Froggett, M., Herath, S., Jansz, M., & Samarawickrama, Y. (2017). Participatory action research: A route to inclusion and social cohesion. *International Sri Lanka English Language Teachers' Association (SLELTA) Conference*, Sri Lanka.
2. Gagné, A., Schmidt, C., Man Chu Lau, S., & Herath, S. (2017). Intersectionality in pre-service and graduate teacher education: Fostering critical lenses in transnational contexts. *World Education Research Association (WERA)*. Education University of Hong Kong: Hong Kong.
3. Herath, S. (2017). Review of the Sri Lankan National Policy on Education for Social Cohesion and Peace (2008): Strategies for the new context towards

sustainable peace. *Social Cohesion and Reconciliation Planning Workshop*. Peace Education and Reconciliation Unit (PERU) Ministry of Education: BMICH, Colombo.

4. Herath, S., Nagaswatta, K., Gamage, S., Kalinga, J., & Perera, K. (2017). Doing ESL research: Diverse perspectives from five contexts. *International Research Symposium on English Language Studies*. Colombo.
5. Jansz, M.I. & Schreiber, B. (2017) Engaging “invisible” students: the power of local and international collaboration in distance learning. *International Conference on Open and Innovative Education (ICOIE)*, Open University of Hong Kong.
6. Jansz, M.I. (2017). Grammar: A vehicle for linguistic imperialism? *9<sup>th</sup> International SLELTA Bi-Annual Conference*. National Institute of Education. Maharagama.
7. Jansz, M.I. (2017). Participant perspectives on the use of an online space to facilitate academic achievement among open and distance postgraduate students. *18<sup>th</sup> Annual Sri Lanka Association for the Improvement of Higher Education Efficiency (SLAIHEE 2017) Conference*, The Open University of Sri Lanka.
8. Wijesekera, H.D. (2017). Students’ ethnolinguistic identities and the linguistic market in Bilingual Education classrooms in Sri Lanka. *Australian Association for Research in Education (AARE) Conference* Education: What’s politics got to do with it?, Canberra, A.C.T: Australian Association for Research in Education

**CENTRE FOR EDUCATIONAL  
TECHNOLOGY & MEDIA  
(CETMe)**

## CENTRE FOR EDUCATIONAL TECHNOLOGY & MEDIA (CETMe)

	<b>Books/ Book Chapters</b>	<b>Journal Publications</b>	<b>Conference proceedings /abstracts/ extended abstracts</b>
<b>Total</b>	<b>0</b>	<b>1</b>	<b>2</b>

### Books/Book Chapters

None

### Journal Publications

1. Jayatilleke, B.G. Kulasekara, G. U. Kumarasinha, M. B. & Gunawardena, C. N. (2017). Implementing the First Cross-border Professional Developing Online Course through International E-mentoring: Reflections and Perspectives. *Open Praxis*, 9(1), 31–44.

### Conference proceedings/abstracts/extended abstracts

1. Jayatilleke, B.G., Wijesekara, G. G. W. C., & Ranawaka, G. R. (2017). Access and Use of Electronic Technologies by Undergraduates of the Faculty of Health Sciences. *Open University Research Sessions*, The Open University of Sri Lanka.
2. Jayatilleke, B.G., Ranawaka, G. R., Wijesekara, G. G. W. C. & Kumarasinha, M. C. B. (2017). Development and Testing of a Mobile Application through design-based research. *31<sup>st</sup> Annual Conference of the Asian Association of Open Universities (AAOU)*.

# **LIBRARY**

## LIBRARY

Department	Books/ Book Chapters	Journal Publications	Conference proceedings /abstracts/ extended abstracts
Total	1	1	2

### Books / Book Chapters

1. Gunasekera, D. (2017). *Role of blended librarian in copyright environment: a Sri Lankan perspective* In B.G. Mukhyadal; S.S. Sonwane & A.B. Khandare (Eds.) *Modern library services: shifting from print to virtual* (pp.341-357). New Delhi, Ess Publication.

### Journal Publications

1. Gunasekera, D. & Gunawardena, C. (2017). Learner perception of support services in blended learning: importance and satisfaction analysis, *ASEAN Journal of Open Distance Learning*, 9(2).

### Conference proceedings/abstracts/extended abstracts

1. Gunasekera, D. (2017). Learner satisfaction in blended learning: a case study at the Open University of Sri Lanka. In L. Gomez Chova; A. Lopes Martinex & L.Candel Torres (Eds.), *IATED, 11<sup>th</sup> International conference on Technology, Education and Development*, Spain.
2. Gunasekera, D. (2017). Learner identified critical success factors in blended learning: a Sri Lankan perspective. In P.Suresh (Eds.). *ISERD, 96<sup>th</sup> International Conference on Education and E-Learning*, Thailand.

# **REGIONAL EDUCATIONAL SERVICES**



## REGIONAL EDUCATIONAL SERVICES

Department	Books/ Book Chapters	Journal Publications	Conference proceedings /abstracts/ extended abstracts
Total	0	3	4

### Books/Book Chapters

None

### Journal Publications

1. Balamurali, N. & Sivarajasingham S. (2017). Testing for Long memory in the LKR/USD Exchange rate: Evidence from Sri Lanka. *Journal of Business Studies*, 4(1). 79-90.
2. Perera, M.J., Abeysekera, N., Sudasinghe, S., & Dharmaratne, I. R. (2017). Predictive Drivers of Students' Satisfaction In Open Distance Learning In Sri Lanka. *International Journal of Advanced Research and Publications*, 1(4), 200-211.  
Retrieved from <http://www.ijarp.org/published-research-papers/oct2017/Predictive-Drivers-Of-Students-Satisfaction-In-Open-Distance-Learning-In-Sri-Lanka-.pdf>.
3. Perera, M.J., Johar, G. M., Kathibi, A., Atan, H., Abeysekera, N., & Dharmaratne, I. R. (2017). PLS-SEM Based Analysis of Service Quality and Satisfaction in Open Distance Learning in Sri Lanka. *International Journal of Business and Management*, 12(11). 194-217.  
Retrieved from <http://www.ccsenet.org/journal/index.php/ijbm/article/view/70342/0>.

### Conference proceedings/abstracts/extended abstracts

1. Doluweera, D.G.S.K. (2017). Study of student support services of Practical based programmes of the Open University of Sri Lanka. *Asian Association of Open Universities (AAOU) Conference*, Indonesia Open University
2. Kanthavel, K. (2017). Epistemological view on Saiva Sidhantha, *International Saiva Conference*, University of Jaffna.

3. Kanthavel, K. (2017). A view on Viyapthi in the Inference, Association of Third World Studies South Asia Chapter, *22<sup>nd</sup> annual conference and International Seminar*, Faculty of Arts, University of Jaffna.
4. Dissanayaka, D.M.U.M. & Sakalasooriya, M. B. (2017) effects of parental migration on educational developments and mental wellbeing of left- behind school children in the kurunegala district- a case study in the mawathagama educational zone (journal Article). *Open University Research Sessions*, The Open University of Sri Lanka.

## SUMMARY

### RESEARCH PUBLICATIONS OF OUSL - ACADEMIC STAFF IN 2017

<b>Faculty/Institute/ Division</b>	<b>Books/ Book Chapters</b>	<b>Journal Publications</b>	<b>Conference proceedings /abstracts/ extended abstracts</b>
Education	01	10	22
Engineering Technology	00	24	78
Health Sciences	00	21	62
Humanities and Social Sciences	02	28	82
Natural Sciences	00	70	68
Postgraduate Institute of English	04	01	08
Centre for Educational Technology and Media (CET-me)	00	01	02
Library	01	01	02
Regional Educational Services (RES)	00	03	04
<b>Total</b>	<b>08</b>	<b>159</b>	<b>328</b>