



RESEARCH PUBLICATIONS OUSL STAFF 2020

THE OPEN UNIVERSITY OF SRI LANKA

RESEARCH PUBLICATIONS OF OUSL STAFF- 2020



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 2020. These publications have been made from the various research collaborations from OUSL staff through several research grants nationally and internationally in year 2020. 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 2020. 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 27 books/book chapters, 195 journal articles and 262 conference proceedings were published by the OUSL staff in year 2020.

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.

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Prof. S.R. Weerakoon
Director/Research
The Open University of Sri Lanka

30th April 2021

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FACULTY OF EDUCATION

FACULTY OF EDUCATION

Department	Books/ Book Chapters	Journal Publications	Conference proceedings /abstracts/ extended abstracts
Department of Early Childhood & Primary Education	0	0	5
Department of Secondary & Tertiary Education	7	12	9
Department of Special Needs Education	0	1	1
Total	7	13	15

DEPARTMENT OF EARLY CHILDHOOD & PRIMARY EDUCATION

Books/ Book Chapters

None

Journal Publications

None

Conference proceedings/abstracts/extended abstracts

1. Munasinghe, M. (2020). Parents Expectations from the Preschool Education. *OURS (2020)*, Department of Early Childhood & Primary Education, Open University of Sri Lanka, Nawala.
2. De Silva, D.V.M., Anuruddhika, B.G.H., Rathnayake, R.N.P., Alwis, K.A.C., Kugamoorthy, S., Ketheeswaran, K., Deepthini, D.D.I., Chathurika, D. & Weerakoon, W.M.S. (2020). Quality of the Practices Applied for the Facilitation of the Completion of the Research Project in Undergraduate Degree Programmes (2020). The Open University of Sri Lanka, Nawala.
3. Jesuiya, D. & Priyadarshani, H.D.C. (2020). Impact on Online Teaching Learning Process During Covid-19. *7th International Symposium 2020*. Faculty of Islamic Studies & Arabic Language, Oluvil.
4. Rajapaksha, N. R. & Sansom, A. N. (2020). Amelia's expressions of agency-for-learning in creative problem-solving. In J. S. Gaffney (Chair), Storying "storying methodologies": Being, listening telling, and un/knowning through early childhood multimodal literacies. *The Literacy Research Association Conference, USA, Virtual Meeting*.

5. Rajapaksha, N. R. (2020). Agency for learning: Young children navigate their learning through agency in early childhood education settings. *21st Pacific Early Childhood Education Research Association International Conference(PECERA 2020)*, Wellington, New Zealand.

DEPARTMENT OF SECONDARY & TERTIARY EDUCATION

Books/ Book Chapters

1. Perera, S.A.S.K. (2020). Effect of Instructional Design Strategies on Self-Regulation of Learning. In S.P. Karunanayaka, & S. Naidu (Ed.s), *Pathways to Open Educational Practices*, pp. 84-113, The Open University of Sri Lanka, Nawala.
2. Karunanayaka, S.P. & Naidu, S. (Eds.) (2020). *Pathways to Open Educational Practices*. Nugegoda: The Open University of Sri Lanka. ISBN 978-9-552-31763-7. https://www.ou.ac.lk/home/images/Faculty_and_institute/Edu/Pathways_to_OEP_eBook.pdf
3. Karunanayaka, S. P. (2020). Becoming Digital Education Leaders: Teacher Stories from Sri Lanka. In S. Mishra & S. Panda (eds.) *Technology-Enabled Learning: Policies, Pedagogies, and Practices*, Pp. 165-180, Vancouver: Commonwealth of Learning.
4. Naidu, S. & Karunanayaka, S.P. (2020). Orchestrating Shifts in Perspectives and Practices about MOOC Design. In Ke Zhang, Curtis J. Bonk, Thomas C. Reeves, and Thomas H. Reynolds (Eds.) *MOOCs and Open Education across Emerging Economies: Challenges, Successes, and Opportunities*, Pp. 72-80, London: Routledge. ISBN: 978-0-367-02576-2
5. Karunanayaka, S. P.& Naidu, S. (2020). Capacity Building Around Open Educational Practices. In S.P. Karunanayaka, & S. Naidu, (Eds.) *Pathways to Open Educational Practices*, The Open University of Sri Lanka, Nawala. ISBN 978-9-552-31763-7
6. Peramunugamage, A., Ratnayake, H.U.W., Karunanayaka, S.P.& Halwatura, R.U. (2020). Designing Online Learning Activities for Collaborative Learning Among Engineering Students. In: Auer M., Hortsch H., Sethakul P. (eds) *The Impact of the 4th Industrial Revolution on Engineering Education. ICL 2019. Advances in Intelligent Systems and Computing, 1134*, Springer, Cham. DOI: https://doi.org/10.1007/978-3-030-40274-7_10
7. Nawastheen, F.M. (2020). *The Fundamentals of Curriculum(Kalaittiṭṭa aṭippaṭaika!)* Jaffna, Jeewanathi Publishers, ISBN: 978-955-0958

Journal Publications

1. Karunanayaka, S. P. & Naidu, S. (2020). Ascertaining impacts of capacity building in open educational practices. *Distance Education*. 41(2), 87-109. DOI: <https://doi.org/10.1080/01587919.2020.1757406>
2. Karunanayaka, S. P. & Weerakoon, W.M.S. (2020). Fostering Digital Education among Teachers and Learners in Sri Lankan Schools. *Journal of Learning for Development*, 7(1), 61-77. <https://jl4d.org/index.php/ejl4d/article/view/390>

3. Careemdeen, J. D., Awang M. M. & Ahmad, A. R. (2020). A Grey Literature review on the Impact of Socio- Environmental Support and Socio-Educational Participation towards students' Wellbeing. *International Journal of Psychosocial Rehabilitation*, 24(01), ISSN:1475-7192
4. Nawastheen, F.M., Jazeel, M.I.M., Rasif Sifani, K.C. & Ponniah, K. (2020). Teachers' Roles in Developing Self-Regulated Learning Strategies Among Students of Puttalam Division in Sri Lanka. *Journal of Critical Reviews*, 7(19), 5076-5084. Doi:10.31838/jcr.07.19.600
5. Sumanasena, M.L.H., Nawastheen, F.M. & Jayawardena, P.R. (2020). Job satisfaction of teachers working in most difficult schools, with special reference to Puttalam Education Zone, Sri Lanka. *Sri Lanka Journal of Social Sciences*, 43(1), pp.39–52. DOI: <http://doi.org/10.4038/sljss.v43i1.7934>
6. Ponniah, K. Thannimalai, T.M. & Nawastheen, F.M. (2020). Multigrading Classes Application and Teacher's Preparation in Low Enrolment Schools in Malaysia. *International Journal of Psychosocial Rehabilitation*, 24(6), 7122-7135. Doi: 10.37200/IJPR/V24I6/PR260717
7. Fareedha, M.R.F & Nawastheen, F.M. (2020). Participation of Muslim male students of Matale education zone in higher education. *Muallim Journal of Social Sciences and Humanities*, 4 (2), 17-32. <https://doi.org/10.33306/mjssh/61>
8. Nawastheen, F.M. (2020). Kalaittiṭṭa vakaikaḷ. *Kadal-Educational, Psychological & Sociological Magazine (kaṭal-kalviyiyal ulaviyāl camūkaviyāl ēṭu)* Issue 25, Jaffna.
9. Nawastheen, F.M. (2020). Viseda kalvi – Our Varalaarru Noakku (Special Education- A historical Perspectives). *Kadal-Educational, Psychological & Sociological Magazine (kaṭal-kalviyiyal ulaviyāl camūkaviyāl ēṭu)* Issue 24, Jaffna.
10. De Silva, D. V. M. (2020). Developing self-regulated learning skills in university students studying in the open and distance learning environment using the KWL method. *Journal of Learning for Development*, 7(2), 204-217
11. Irugalbandara, A. I., Campbell, M., English, R. & Lassig, C. (2020). Teaching drama differently in Sri Lankan secondary schools. *Drama Australia Journal*. <https://doi.org/10.1080/14452294.2020.1859945>
12. Irugalbandara, A. I. & Campbell, M. (2020). A new strategy for Sri Lankan drama education. Research in Drama Education. *The Journal of Applied Theatre and Performance*, 25(2), 256-262. <https://doi.org/10.1080/13569783.2020.1730173>

Conference proceedings/abstracts/extended abstracts

1. Perera, S.A.S.K. & Herath, S.M. (2020). Storying L2 Teacher Immunity: Nuances of Being a Sell-Out. *Open University Research Sessions 2020(OURS)*, The Open University of Sri Lanka, Nawala.
2. Nawastheen, F.M., Perera, S.A.S.K. & Naseer, I. (2020). Remote Learning in the Time of COVID-19 Pandemic: Perspectives of Sri Lankan Tamil Medium Secondary School Students. *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala.
3. Orkhan Jalilov, O., Köhler, T., Vithanapathirana, M., Karunanayaka, S.P., Hummel, S. & Sheehan, B. (2020). EdTec Implementation in a global higher education network. Empirical data from a field study in South Asia. *23rd Coonference of GeNeMe "Communities in New Media"*, Dresden.
4. Peramunugamage, A., Rathnayake, U. & Karunanayaka, S.P. (2020). Design of a framework to foster collaborative learning through a moodle mobile plugin. *PhD Symposium – EDEN*, Lisbon.
5. Jayasinghe, S.N. & Nawaratna, N.M.R.K. (2020). Influences of Co-curricular Activities in Developing Soft Skills among Senior Secondary Students. *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala.
6. Careemdeen, J. D., Awang, M. M. & Ahmad, A. R. (2020). Exploring Socio Educational Support for Secondary School Children in Advantaged Population in Sri Lanka. *Proceeding – Malaysia International Convention on Education Research & Management (MICER)*, Bangi Resort Hotel, Bandar Baru Bangi, Malaysia. EISBN- 978-967-2072-38-6
7. Careemdeen, J. D (2020). Influence of Social Environmental Support on Student's Learning. *International Conference on Education, Technology & Humanities 2020 ITECH2020*. Malaysia.
8. Karunanayake, S. (2020). Overcoming ethical challenges in researching the leadership training and training needs of school principals in Sri Lanka. *Fourteenth Research Students' Education Conference on Ethics and Educational Research: Challenges and Solutions*, School of Education, University of Leeds, United Kingdom.
9. Careemdeen, J. D., Awang, M. M. & Ahmad, A. R. (2020). Parental Educational Support based on Gender among Public Senior Secondary School Children in Sri Lanka. *The 3rd International Conference on Sustainable Development & Multi-Ethnic Society 2020 ICOSH3 2020*, University Kebangsaan, Malaysia and University Sriwijaya, Indonesia.

DEPARTMENT OF SPECIAL NEEDS EDUCATION

Books/ Book Chapters

None

Journal Publications

1. Anuruddhika, B.G.H. (2020). Experiences of teacher students regarding the management of behavior problems of children with special educational needs. *International Journal of Research and Innovations in Applied Sciences*,5 (7)

Conference proceedings/abstracts/extended abstracts

1. Jesuiya, D. & Priyadarshani, H.D.C. (2020). Impact on Online Teaching-Learning Process During Covid-19. *7th International Symposium 2020*. Faculty of Islamic Studies & Arabic Language, Oluvil.

**FACULTY OF ENGINEERING
TECHNOLOGY**

FACULTY OF ENGINEERING TECHNOLOGY

Department	Books/ Book Chapters	Journal Publications	Conference proceedings/ abstracts/ Extended abstracts
Department of Agricultural and Plantation Engineering	0	10	4
Department of Civil Engineering	4	8	28
Department of Electrical and Computer Engineering	4	7	6
Department of Mathematics & Philosophy of Engineering	1	0	1
Department of Mechanical Engineering	0	16	7
Department of Textile & Apparel Technology	2	3	3
Total	11	44	49

DEPARTMENT OF AGRICULTURAL AND PLANTATION ENGINEERING

Books/Book Chapters

None

Journal Publications

1. Harees, F. & De Silva, C.S. (2020). Identification of problems faced by farmers in paddy cultivation in the coastal area of Ampara District in Sri Lanka. *VISTAS Journal*, Faculty of Humanities and Social Sciences, 13(1), Pp. 1-15, The Open University of Sri Lanka, Nawala.
2. Risver, A.S.M., Iqbal, Y.B. & De Silva, C.S. (2020). Effect of cultural practices on growth and yield of weedy rice and direct seeded rice population in Malwatta region of Ampara District in Sri Lanka. *Journal of Dry Zone Agriculture*, 6 (1), Pp. 1-20, University of Jaffna.
3. De Silva, C. S. & Ariyananda, T. (2020) Groundwater Responses to Artificial Recharge of Rainwater in Badulla District in Sri Lanka. *Journal of Dry Zone Agriculture*, 6(2), 45-65, University of Jaffna.
4. Amarasinghe, K.I.C., De Silva, C.S. & Jayakody, L.K.R.R. (2020). Will Pineapple (*Ananas comosus* L. Merr.) be a successful crop with global warming-induced temperature and water stress in Sri Lanka? *Journal Engineering and Technology*, 8 (1), 41-60, The Open University of Sri Lanka, Nawala.

5. De Silva, C. S.& Ariyananda, T. (2020). Groundwater Responses to Artificial Recharge of Rainwater in Kilinochchi District in Sri Lanka. *Journal Engineering and Technology*,8 (1), 77-101,The Open University of Sri Lanka, Nawala.
6. Amarasinghe, K.I.C., Jayakody, L.K.R.R. & De Silva, C.S. (2020) Adverse effects of climate change-induced temperature and water stress on growth and yield of rice (*Oryza sativa* L.) variety Suwandel. *Sri Lanka Journal of Food and Agriculture* 6(2), 15-24. DOI: <http://doi.org/10.4038/sljfa.v6i2.85>
7. Rasanjali, K.G.A.I., De Silva, C.S.& Jayakody, L.K.R.R. (2020). Influence of Super Absorbent Polymer (ZEBA) on growth, yield of Cabbage (*Brassica oleracea*), and soil water retention under temperature and water stress condition. *Journal of Agriculture and Value Addition (JAVA)*, 3 (2),Pp. 56-73, University of Uva Wellasa.
8. Kumara, R.P.D.N., De Silva, C.S.& Gunasekara, H.K.L.K. (2020). Effect of Irrigation and nitrogen fertilization on growth and yield of Capsicum (*Capsicum annum*) exposed to temperature stress.*Journal Engineering and Technology*,8 (2), 65-78,The Open University of Sri Lanka,Nawala.
9. Somarathna,T., Fernando,W.M.A.D.B., Ranaweera,K.K.D.S.,Premakumara,G.A.S.& Weerakkody,N.S.(2020). Antibacterial and antibiofilm activity of *Alpinia malaccensis* and *Terminalia catappa* extract combinations on *Staphylococcus aureus* and *Listeria monocytogene* strains.*International Journal of Applied Microbiology and Biotechnology Research*,8(6),Pp.73-80,ISSN:2053-1818Vol. Doi.org/10.33500/ijambr
10. Karunarathne,P.U.H.S., Thammitiyagodage, M.G.& Weerakkody, N.S. (2020).Antibiofilm Activity of Galangal (*Alpinia galanga*) Against *Staphylococcus aureus*. *FoodProcessing & Nutritional Science*, 1(2) 123-131

Conference proceedings/abstracts/extended abstracts

1. Rasanjali, K.G.A.I., Kumara, R.P.D.N. & De Silva, C.S. (2020). Foliar application of Methanol) for mitigation of temperature stress in Okra plants.*The 7thRuhuna International Science and Technology Conference*, University of Ruhuna, Matara, Sri Lanka, Pp. 87
2. Athukorale A.N., Senevirathna, G.I., Chathurika, J.A.S., Rathuwadu, N., Gunawardena, M & De Silva, C.S (2020). Application of an electric potential to retain soil nutrients around the root zone of rice (*Oryza sativa* L.) using carbon electrodes.*The 7thRuhuna International Science and Technology Conference*, University of Ruhuna, Matara, Sri Lanka, Pp. 3
3. Dilrukshi,S., Rasanjali, K.G.A.I., De Silva, C.S.& Jayakody, L.K.R.R. (2020). Effect of a water saving supper absorbent polymer on irrigation intervals of temperature and water stressed chilli (*Capsicum annum*l.) plants.*Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala,Pp.19

4. Rasanjali, K.G.A.I., De Silva, C. S.& Jayakody,L.K.R.R. (2020).Influence of organic based super absorbent polymer (zeba) on growth of Cabbage and soil water content under temperature and water stress condition. *Open University Research Sessions 2020 (OURS)*,The Open University of Sri Lanka, Nawala, Pp. 20

DEPARTMENT OF CIVIL ENGINEERING

Books/Book Chapters

1. Samarakoon, A. S. & Wijewardena, L. S. S. (2020).*Impact of Contractor's Overhead and Profit Factor on Price Fluctuation Calculated Using CIDA Price Fluctuation Formula*. Lecture Notes in Civil Engineering,94, 59-68. https://doi.org/10.1007/978-981-15-7222-7_6
2. Karunananda, P.A.K., Herath, H.K.C.U.,Madusanka, W.S.& Wijethunge, W.M.A.D.(2020). *Effect of Loading Sequence in Fatigue Life Prediction of 130 years Old Bridge*. Lecture Notes in Civil Engineering,94, 253-260. https://doi.org/10.1007/978-981-15-7222-7_22
3. Galhenage, A.C., Kumari, E.G.S.S., Kumara, A.M.L.U., Thalgaspitiya, T.W.L.R., Edirisinghe, V., Vithanage, M.& Athapattu, B.C.L. (2020). *Assessment of Groundwater Quality for Drinking Water from Deep Confined Aquifer in Wanathawilluwa*. Lecture Notes in Civil Engineering, 94, 503-516. https://doi.org/10.1007/978-981-15-7222-7_41
4. Dissanayake, R., Mendis, P., Weerasekera, K. S., De Silva, S. & Fernando, S. (2020). *ICSECM 2019*. Lecture Notes in Civil Engineering,94, Springer. <http://doi.org/10.1007/978-981-15-7222-7>

Journal Publications

1. Eriyagama, N., Smakhtin,V.& Udamulla, L. (2020). How much artificial surface storage is acceptable in a river basin and where should it be located_ Areview.*Journal of Earth Science Reviews*,208, 1-19, ISSN: 0012-8252
2. Ranasinghe, R.S. (2020). Modelling of wave energy dissipation over porous mounds using Boussinesq-type equations, Engineer. *Journal of Institution of Engineers Sri Lanka*, 53(3), 27-36
3. Ranasinghe, R.S. (2020). A comparative study of eddy viscosity type sub-models for simulating wave breaking induced energy dissipation in Boussinesq models, Engineer. *Journal of Institution of Engineers Sri Lanka*, 53(2), 1-12
4. Thibbotuwawa, D.P.M.B., Thawishnee, V., Herath, H.M.E.J.B., Karunarathne, H.M.P.S. & Paranavithana, G.N. (2020). Model Study to Determine the Manning's Coefficient for Gabion Lining Against Canal Erosion, Engineer. *Journal of Institution of Engineers Sri Lanka* 53(4), 45-52

5. Fernando, W. C. D. K., Wijesinghe, A. V. G. G. & Athapattu, B. C. L. (2020). Capturing Rainwater for Urban Living. *Journal of Engineering and Technology of The Open University of Sri Lanka (JET-OUSL)*, 8(1), Pp. 33-40
6. Eriyagama, N. Smakhtin, V. & Udamulla, L. (2020). How much artificial surface storage is acceptable in a river basin and where should it be located_ A review. *Journal of Earth Science Reviews*,208, 1-19, ISSN: 0012-8252
7. Zuhairi, A., Priyadarshana, T. & Karthikeyan, N. (2020). Supporting students to succeed in open and distance learning in the Open University of Sri Lanka and Universitas Terbuka Indonesia.*Asian Association of Open Universities Journal*.
8. Lokuliyana, R.L.K., Folley, M., Gunawardane, S. & Wickramanayake, P.N. Sri Lankan wave energy resource assessment and characterisation based on IEC standards. *Renewable Energy* 162, 1255-1272(book/conf,no year)

Conference proceedings/abstracts/extended abstracts

1. Joseph, S. M. R., Wijekoon, P., Dilsharan, B., Punchihewa, N. D., Athapattu, B. C. L. & Vithanage, M. (2020). Anammox, biochar column and subsurface constructed wetland as an integrated system for treating municipal solid waste derived landfill leachate from an open dumpsite. *Environmental Research*, 189:109880. <https://doi.org/10.1016/j.envres.2020.109880>
2. Wijekoon, P., Wickramasinghe, C., Athapattu, B.C.L., Narayana, M., De Alwis, A. & Vithanage, M. (2020). Biomass valorization and phytoremediation as integrated Technology for Municipal Solid Waste Management for developing economic context. *Biomass Conversion and Biorefinery*. <https://doi.org/10.1007/s13399-020-00818-7>
3. Ranasinghe, W. W. & Athapattu, B. C. (2020). Challenges in E-waste management in Sri Lanka. Handbook of Electronic Waste Management: *International Best Practices and Case Studies BH-Elsevier*, 283-322. <https://doi.org/10.1016/B978-0-12-817030-4.00011-5>
4. Weerasekera, K.S. (2020). Green Roads and New Global Trends. *04th International Conference on Multidisciplinary (ICMD 2020)*, Sri Lanka.
5. Boralessa, S. D. A. A. L., Athapattu, B. C. L. (2020). Implementation and Development of Mini Hydro Power Projects and Their Consequences to Society and Environment. *Annual Sessions of IESL*, Institution of Engineers Sri Lanka.
6. Paranavithana, G.N., Jayasundara, J.M.W.S., Harindra, H.W.G. & Ranasinghe, R.S. (2020). Hydraulic Characteristics of Ancient Inlet Sluice Barrel in Nuwara Wewa Reservoir. *22nd IAHR-APDCongress*, Sapporo, Japan. <https://iahrapd2020.xsrv.jp/proceedings/index.html>

7. Pamarathna, S.A.G.M. & Ratnaweera, H.G.P.A. (2020). Soil Water Characteristic Curves for two landslides prone areas in Sri Lanka. *International Conference in Geotechnical Engineering, ICGE2020*, Colombo.
8. Nadeeshan, W.G.D. & Ratnaweera, H.G.P.A. (2020). Sewer effluent discharge characteristics in the Colombo Regional Centre area. *International Conference in Geotechnical Engineering, ICGE2020*, Colombo.
9. Meegalla, M.A.V.S.G., Saparamadu, P.V.D.P.L., Wijayarathna, I.M.U.I., Pallewatta, T.M. & Karunananda, P.A.K. (2020). Modification of Sequential Law for Fatigue Damage Assessment of Steel Structures based on the Length of Stress/Strain Life Curves. *11th International Conference on Sustainable Built Environment*, Sri Lanka.
10. Ranaweera, P. & Pradeep, T.L. (2020). Technical Evaluation of Pre-Excavation Grouting Process in Tunnel Project Case Study: Uma Oya, Sri Lanka. *The Young member session*, The Institution of Engineers Sri Lanka.
11. Nanayakkara P.S. & Pradeep, T.L. (2020). The Influence of Transverse Reinforcement Arrangement on the Ductility in RC Members. *The Young member session*, The Institution of Engineers Sri Lanka.
12. Chathuranga, L.B., Chathurani, S.H.I., Peiris P.A.N. & Pradeep, T.L. (2020). The Behavior Of Fully Encased Composite. *11th International Conference on Sustainable Built Environment (ICSBE)*, Kandy, Sri Lanka.
13. Thilakarathna, S., Fernando, S., Thanthirige, P. & Mendis, P. (2020). Ductility Demand Evaluation of Tall Buildings in Sri Lanka. *Annual Session, Society of Structural Engineering*.
14. De Silva, G., Dilrukshi, W.A.N., Jayasekara, A.S.J.M.U.D., Priyadarshana, T. & Samantha, M.K. (2020). Development of Pervious Concrete by Using Bottom Ash and Investigation of Paste Content Properties with Practical Applications. *11th International Conference on Sustainable Built Environment*, Sri Lanka.
15. De Silva, L., Shakeer, T.M., Jayawardhana, J.T., Saumyasiri P.P.C. & Priyadarshana, M.S.T. (2020). Application of Blended Cement Mix Pet Fiber High Strength Concrete for Structural Elements. *11th International Conference on Sustainable Built Environment*, Sri Lanka.
16. Ahamed, A. R. R., Premasiri, S. & Athapattu, B. C. L. (2020). Development of an air quality distribution map with respect to particulate matter in Colombo Municipal Council region. *76th Annual Session*, Sri Lanka Association for the Advancement of Science. Pp.32
17. Galhenage, A. C., Kumari, E.G. S. S., Kumara, A. M. L. U., Edirisinghe, V., Vithanage, M. & Athapattu, B. C. L. (2020). Visual MODFLOW flex for water budget estimation in Wanathawilluwa Deep Confined Aquifer. *76th Annual Session*, Sri Lanka Association for the Advancement of Science, Pp.33

18. Jayamanna W. S. S., Premasiri H. D. S. & Athapattu, B. C. L. (2020). Investigation of Indoor and outdoor air quality in urban and rural households in Colombo District. *76th Annual Sessions*, Sri Lanka Association for the Advancement of Science, Pp.36
19. Hapukotuwa, N., Wijesundara, D., Weralupitiya, C., Vithanage, M. & Athapattu, B. (2020). Application of anammox bacteria to remove ammonia from landfill leachate. *76th Annual Sessions*, Sri Lanka Association for the Advancement of Science, Pp.39
20. Kodithuwakku, D., Pathirana, C.P.S. & Athapattu, B.C.L. (2020). Socio-economic effects of saltwater intrusion at the Kalu Ganga lower basin. *76th Annual Sessions*, Sri Lanka Association for the Advancement of Science, Pp.43
21. Abeyrathna, K. H. M. H. H., Ratnasiri, J. & Athapattu, B.C.L. (2020). Potential benefits and limitations in implementing GHG emissions standard associated with industrial processes in Sri Lanka. *76th Annual Sessions*, Sri Lanka Association for the Advancement of Science, Pp.45
22. Karthika, K., Madushika, W. G. D. K. S., Rajaguru, N. P. M., Niruparan, S., Pathinayake, V. & Athapattu, B. C.L. (2020). Laboratory wastewater treatment by using bio-geo filters. *76th Annual Sessions*, Sri Lanka Association for the Advancement of Science, Pp.46
23. Ravishankar, T. & Athapattu, B.C.L. (2020). Development of stabilized soil for road pavement materials using despoiled soil of road construction and demolition wastes. *76th Annual Sessions*, Sri Lanka Association for the Advancement of Science, Pp.49
24. Ranaweera, M. H. S. K., Dinusha, K. H. & Athapattu, B.C.L. (2020). MMT clay-biochar composite for the removal of Hardness and Fluoride from drinking water. *76th Annual Sessions*, Sri Lanka Association for the Advancement of Science, Pp.51
25. Kobithan, S., Rakulan L., Panchapikesan, V. & Wijewardena, L.S.S. (2020). Feasibility of using crushed Limestone to produce cement blocks in Northern Province of Sri Lanka. *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala. ISSN-2012-9912
26. Chandrasena, D.C.H, Kurundumulage, K.G.J.K., Fayaz Ahamed, M.M. & Wijewardena, L.S.S (2020). Feasibility of using expanded polystyrene beads to produce lightweight cement blocks. *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala. ISSN-2012-9912
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28. Subasinghe, G. P.K.D., Imeshani, B.G.K., Kumara, M.A.M.S. & Udamulla, K.M.L.A. (2020). Stabilization of fine-grained soil using fly ash and lime to use as a subgrade and embankment soil material in road construction in Sri Lanka. *11th International Conference on Sustainable Built Environment*, Kandy, Sri Lanka.

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Books/Book Chapters

1. Sandanayake,T.C.& Ranasinghe,D.D.M. (2020).*Learner Engagement with Assessment Activities, Pathways to Open Educational Practices*. The Open University of Sri Lanka,Nawala,Pp.161-182. ISBN 978-955-23-1763-7
2. Seifan, M., Sunny, T. & Anthonys, G. (2020). *3 Glass fibre-reinforced composites and their drilling-induced delamination*.GlassFibre-Reinforced Polymer Composites: Materials, Manufacturing and Engineering, 12,Pp.35-50
3. Peramunugamage,A., Ratnayake,H.U.W., Karunanayaka,S.P.& Halwatura,R.U.*Designing Online Learning Activities for Collaborative Learning Among Engineering Students, The Impact of the 4th Industrial Revolution on Engineering Education*.Springer Nature, Switzerland,1,Pp.101-110
4. Premaratne, I.A.&Perera,K.G.S.K. (2020). *The Use of Scenario-based Videos in MOOCs, Pathways to Open Educational Practices*, The Open University of Sri Lanka, Nawala, Pp.22-5.ISBN 978-955-23-1763-7

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1. Mendis,D.S.K., Ratnayake,H.U.W., Karunanada,A.S.& Samarathunga,U. (2020).An artificial intelligence methodology for enhancing Sugeno defuzzification method.*International Journal of Fuzzy Computation and Modelling*, 3(2), Pp.95-119
2. Rathnayake, R.M.P.M.D., Bandara, W.D.S.S. & Gunasekara S.N. (2020). Acoustic Based Defective Glass-Ware Detector.*Journal of Engineering and Technology of The Open University of Sri Lanka (JET-OUSL)*, 8(1), Pp. 61-76
3. Pradeep B.A.S.R., Samaliarachchi, L. A. & Mudannayake, A. N. (2020). Comprehensive Design of an Earthing System for Broadlands Hydropower Station Switchyard, ENGINEER.*Journal of the Institution of Engineers, Sri Lanka, ENGINEER,LIII* (02), Pp.55-68,The Institution of Engineers, Sri Lanka.
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5. Premarathne, U. S. & Rajasingham, S. (2020). Trust based multi-agent cooperative load balancing system (TCLBS). *Future Generation Computer Systems, Elsevier,112*,185-192

6. Hettiarchchi,P.W.M. & Wickramasinghe,D.S. (2020). Image Processing Based Quality Measurement System for the Manufacturing Process of Porcelain Plates. *Journal of Engineering Technology of the Open University of SriLanka*, 08(1), 1-16
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3. Dewanarayana,S.R. &Sasikala,R.H.G.(2020). Optimum design improvements for LiveLineInspection Robot.9th *Young Scientists Forum Symposium, National Science and Technology Commission2020*, Pp. 106-114
4. Premaratne, I. A., Samaranayake, B. G. L. T. & Binduhewa, P. J. (2020). An Analytical study on Methods to Detect Degraded Cells in a Multi-Cell Lithium-ion Battery Pack. *15th (IEEE) International Conference on Industrial and Information Systems (ICIIS) 2020*, IIT Ropar, India.
5. Liyanaarachchi, K.L.P.P., Shakya, D., Herath, T., Vithanage, N. & Udugama, L.S.K. (2020). Signing dataset for the Sinhala Sign Language.*International Research Symposium (IRS2020)*, Sri Lanka Technological Campus, Padukka, Sri Lanka.
6. Herath, M.H.M.N.D.& Rajapaksa, S.A. (2020) Automatic system to separate male and female of ornamental goldfish.*The 76th Annual Sessions 2020*, Sri Lanka Association for the Advancement of Science, 918/C, Pp.132

DEPARTMENT OF MATHEMATICS & PHILOSOPHY OF ENGINEERING

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1. Kumari, K. D. N. & Wijerathne, J. K. (2020). *Numerical Investigation of Heat Flow and Fluid Flow in a Solar Water Heater with an Evacuated-Tube Collector*. *Mathematical Methods in Engineering and Applied Sciences*, 95-135. <https://doi.org/10.1201/9780429343537>

Journal Publications

None

Conference proceedings/abstracts/extended abstracts

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DEPARTMENT OF MECHANICAL ENGINEERING

Books/Book Chapters

None

Journal Publications

1. Premaratne, U. K., Warnakulasooriya, S. & Nandana, R. (2020). Characterization of Event Based Sampling Encoders for IIoT using Input-Output Mutual Information. *IEEE Transactions on Industrial Informatics*. <https://doi.org/10.1109/TII.2020.3027009>
2. Lokuliyana, R. L. K., Folley, M., Gunawardane, S. D. G. S. P. & Wickramanayake, P. N. (2020). Sri Lankan Wave Energy Resource Assessment and Characterisation Based on IEC Standards. *Renewable Energy*, 162:1255–72. DOI: <https://doi.org/10.1016/j.renene.2020.08.005>
3. Gunawardane, P.D.S.H., Pathirana, A.P.T.D., Pallewela, R.E.A. & Medagedara, N.T. (2020). Additive Gaussian Noise Model and Kalman Filter for Improving Controllability of Gesture Controlled Tele-Operated Soft Actuators, SAGE Publishing and Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture. *SAGE Journal*, Pp. 1-11. <https://doi.org/10.1177/0954405420941007>
4. Gunawardane, P.D.S.H., Pathirana, A.P.T.D. & Medagedara, N.T. (2020). Design of a Tele-operable Soft Actuator Engineer. *Journal of the Institution of Engineers, Sri Lanka*, 53(1), 53-61. E-ISSN 2550-3219
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7. De Silva, K.G.M., Dadigamuwa, P.R. & Jayasekara, V.R. (2020). Improving the Productivity of D-Brackets Manufacturing Process. *European Journal of Advances in Engineering and Technology*, 7(8), 17-20. <http://www.ejaet.com>
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10. Hettiarachchi, S. S., Senanayake. N. S. & Priyankara, H. D. N. S. (2020). A Smart Waste Bin for Minimizing Food Waste in Workplace. *International Journal of Advanced and Multidisciplinary Engineering Science*, 3(1), 16-20. DOI: 10.5923/j.james.20200301.03
11. Ganegoda, T., Priyankara, H. D. N. S. & Senanayake, N. S. (2020). A Method for Rapid Assessment of Soil Phosphorous, Potassium and Organic Matter in Agricultural Lands. *International Journal of Control Science and Engineering* 2020, 10(2), 31-36. DOI: 10.5923/j.control.20201002.02
12. Madhusanka, B. G. D. A. & Sureswaran, R. (2020). Recognition of Daily Living Activities Using Convolutional Neural Network Based Support Vector Machine. *International Journal of Scientific & Engineering Research*, 11(6), Pp. 526-528
13. Dahanayake, T.M.D.D., Lokuge, A.R., Chinthaka, L.B.D. & Atthanayake, I.U. (2020). Cash sanitization machine. *European journal of advances in Engineering and Technology*, 7(11), 24-25
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15. Ekanayake, E.M.H.S.K. (2020). Project Management and Covid-19, Project Managers Perspective. *International Journal of Management Studies and Social Sciences*, 2 (6)
16. Perera, W.T.S. & Wimalasiri, R.J. (2020). Smart Automotive Side Mirror. *Journal of Engineering and Technology of The Open University of Sri Lanka (JET-OUSL)*, 8(1), 17 - 32

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2. Nandana R. (2020). Networked Control Systems and IoT. *In 2020 IEEE NZ Central Section Postgraduate Symposium*.
3. Herath,H.M.K.K.M.B., Karunasena,G.M.K.B., Ariyathunge, S.V.A.S.H., Priyankara, H.D.N.S.,Madhusanka,B.G.D.A.,Herath,H.M.W.T.&Nimanthi, U.D.C.(2020). Deep Learning Approach to Recognition of Novel COVID-19 Using CT Scans and Digital Image Processing.*4th SLAAI - International Conference on Artificial Intelligence, 4*, Pp. 01–06
4. Herath, H.M.K.K.M.B., Ariyathunge,S.V.A.S.H. & Karunasena, G.M.K.B. (2020). Development of a Mathematical Model to Forecast Solar Radiation and Validating Results Using Machine Learning Techniques.*SLAAS Proceedings of the 76th Annual Sessions*, Pp. 31
5. Manage, N.L., Gunawardane,P.D.S.H.&Medagedara, N. (2020). An assistance of computer vision for hydraulic mending of three-wheeler fork. *SLAAS Proceedings of the 76th Annual Sessions*.
6. Ahamed,M., Gunawardane,P.D.S.H.&Medagedara, N.T. (2020). Spatiotemporal Ground Reaction Force Analysis using Convolutional Neural Networks to Analyze Parkinsonian Gait.*4th SLAAI - International Conference on Artificial Intelligence, 4*, Pp. 06–06
7. Guo, W., Atthanayake, I. U. & Thomas, P. (2020). Vertical Underwater Molecular Communications via Buoyancy: Gaussian Velocity Distribution of Signal. *IEEE International Conference on Communications*, 1 - 6

DEPARTMENT OF TEXTILE & APPAREL TECHNOLOGY

Books/Book Chapters

1. Ariadurai, S. A.& Rajendra, J. C. N. (2020).*Learner Perceptions on Learning Resources, Pathways to Open Educational Practices*, 118-160, Published by OUSL, Colombo.
2. Fransson, T.,Abeyweera, R., Ariadurai, S.A.& Jayasuriya, J. (2020).*A Virtual Exchange Toolkit: From Micro-Credential Settings to Full Study Programs, Virtual Exchange - Borderless Mobility between the European Higher Education Area and Regions Beyond Conference*, Published by Erasmus+ National Agency for EU Higher Education Cooperation and DAAD – Deutscher Akademischer Austauschdienst, Bonn.

Journal Publications

1. Gunasekara, D.S.W., He, Y., Fang, S., Zhao, L., Liu, H. &Liu, L. (2020). High-repeatability macro-porous sponge piezoresistive pressure sensor

with polydopamine/polypyrrole composite coating based on in situ polymerization method. *Journal of Applied PhysicsA*, 126, 789

2. Perera, H. A. A. E. & Lanarolle, W. D. G. (2020). Comparative study on the thermal shrinkage behaviour of polyester yarn and its plain knitted fabrics. *The Journal of The Textile Institute*, 1-11
3. Perera, H. A. A. E., & Lanarolle, W. D. G. (2020). Thermal behaviour of heat treated polyester knitted fabrics. *Research Journal of Textile and Apparel*.

Conference proceedings/abstracts/extended abstracts

1. Herath, C. N. (2020). Bursting Strength of Core Spun Cotton/ Spandex Single Jersey and 1x1 Rib Knitted Fabrics, *Fibres and Polymers*, accepted for publication on 30th June 2020.
2. Perera, M.E.R. & Sandaruwan, K.A.D.L (2020). Developing a suitable fabric and conceptualising a design to stitch an undergarment for herpes patients. *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala.
3. Kumara W.V.L.& Perera, H.A.C.M. (2020). Identifying needs of fashion and textile industry formainstreaming circular business models and analyzing how cradle to cradle certification cater to those needs. *Open University Research Session 2020 (OURS)*, The Open University of Sri Lanka, Nawala.

**FACULTY OF
HEALTHSCIENCES**

FACULTY OF HEALTH SCIENCES

Department	Books/ Book Chapters	Journal Publications	Conference proceedings /abstracts/ extended abstracts
Department of Basic Sciences	0	4	3
Department of Medical Laboratory Sciences	0	3	3
Department of Nursing	0	4	27
Department of Pharmacy	0	3	6
Department of Psychology & Counseling	0	4	6
Total	0	18	45

DEPARTMENT OF BASIC SCIENCES

Books/Book Chapters

None

Journal Publications

1. Perera, N., Galhena, G. & Ranawaka, G. (2020). Development of a 16 X-STR multiplex PCR system for kinship analysis and its applicability for the Sinhalese population in Sri Lanka. *Int J Legal Med.* <https://doi.org/10.1007/s00414-020-02450-6>
2. Vivehananthan, K., Thevashayinath, S. & Abeygunawardena, I. (2020). The Role of Bacterial Biofilms in Infections and Effective Prevention Strategies for Biofilm Formation in Urinary Catheters. *OUSL Journal*, 15 (1), 83–99 <http://doi.org/10.4038/ouslj.v15i1.7465>. <http://repository.ou.ac.lk/handle/94ousl/1823>
3. Dassanayaka, M. & Vivehananthan, K. (2020). Molecular Phylogeny and Biodegradation of Phenol by Bacteria Isolated from Different Wastewater Environments of Sri Lanka. *Rajarata University Journal*, 5(2), ISSN: 2362-0080. <http://www.rjt.ac.lk/contents/?page=236>. <http://repository.ou.ac.lk/handle/94ousl/1824>
4. Wickramasinghe, U., Punchihewa, R. W. K., Kumari, P. M.S. S., & Marikar, F. M. M. T. (2020). Relationship of earthworm biomass with temperature and rainfall in cultivated coconut and cinnamon lands in Sri Lanka. *Acta Agriculturae Serbica*, 25(50), 129-132. <https://scindeks-clanci.ceon.rs/data/pdf/0354-9542/2020/0354-95422050129W.pdf>

Conference proceedings/abstracts/extended abstracts

- 1) Thevashayinath, S., Vivehananthan, K. & Abeygunawardena, I. (2020). Detection of Biofilm Production and Biochemical Identification of Selected Biofilm Bacterial Isolates in Indwelling Urinary Catheters. *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala, Pp. 80. <https://www.ou.ac.lk/ours-2020-sessions>. <https://youtu.be/HBtx8ZA6oOQ>
- 2) Kumar S.A. & Vivehananthan, K. (2020). The effect of green synthesized silver nanoparticles on intact wastewater and selected pathogenic bacteria. *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala, Pp. 75. <https://www.ou.ac.lk/ours-2020-sessions/>, <https://youtu.be/HBtx8ZA6oOQ>
- 3) Kumari, P. M. S. S. & Wijekoon, P. (2020). Identifying primary factors that affect the Chronic Kidney Disease with a comparative analysis of heavy metals in drinking water. *The international Conference on Environmental and Medical Statistics 2020*, Sri Lanka, Pp. 44

DEPARTMENT OF MEDICAL LABORATORY SCIENCES

Books/Book Chapters

None

Journal Publications

1. Wijesinghe, A. M., Gamage, J., Goonewardana, H., Gomes, L., Jayathilaka, D., Wijeratne, D. T., Alwis, R.A., Jeewandara, C., Wijewickrama, A., Ogg, G.S. & Malavige, G. N. (2020). Phenotype and functionality of follicular helper T cells in patients with acute dengue infection. *Journal of Biomedical Science* 27(50), 2-14
2. Herath, S., Razavi Bazaz, S., Monkman, J., Ebrahimi Warkiani, M., Richard, D., O'Byrne, K. & Kulasinghe, A. (2020). Circulating tumor cell clusters: Insights into tumour dissemination and metastasis. *Expert review of molecular diagnostics*, 20(11), 1139-1147
3. Ekanayake Weeramange, C., Tang, K. D., Vasani, S., Langton-Lockton, J., Kenny, L., & Punyadeera, C. (2020). DNA Methylation Changes in Human Papillomavirus-Driven Head and Neck Cancers. *Cells*, 9(6), 1359

Conference proceedings/abstracts/extended abstracts

1. Rathnayake, R.G.L., Hettiaratchi, U.P.K. & Perera, P.P.R. (2020). Gender differences of vitamin D levels and its association with selected obesity markers, insulin resistance in young adults in Sri Lanka. *9th YSF Symposium 2020, Sri Lanka*, Pp. 219-223
2. Rathnayae, R.G.L., Hettiarachchi, U.P.K. & Perera, P. P. R. (2020). Do diabetic female subjects tend to under-report their dietary intake compared to non-diabetic subjects? A case control study. *The Colombo Medical Congress 2020, Sri Lanka*. Pp. 124

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DEPARTMENT OF NURSING

Books/Book Chapters

None

Journal Publications

- Kumara, G. M. M., Hindagoda, H. M. P., Indika, M. S., De Silva, B. S. S. & Marikar, F. M. M. T. (2020). Nurses' knowledge, attitudes, and practices regarding postoperative pain management in Sri Lanka. *Philippine Journal of Nursing*, 90(1), 68 – 7
- Yapa, H. E., Purtell, L., Chambers, S. & Bonner, A. (2020). The relationship between chronic kidney disease, symptoms and health-related quality of life: A systematic review. *Journal of Renal Care*, 46(2), 74-84. Doi: <https://doi.org/10.1111/jorc.12303>
- Wimalasiri-Yapa, B. M. C. R., Yapa, H. E., Huang, X., Hafner, L. M., Kenna, T. J. & Frentiu, F. D. (2020). Zika virus and arthritis/arthralgia: A systematic review and meta-analysis. *Viruses*, 12(10), 1137. Doi: <https://doi.org/10.3390/v12101137>
- Kodagoda, A. S. K. & Meegoda, M. K. D. L. (2020). The prevalence of depression among undergraduates of a selected medical faculty in Sri Lanka. *Journal of Health Sciences and Innovative Research*, 01(01), 31–37

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- Shyamalee, K.G.A.A., Manike, R.M.W.C., Ahamed, M.Z.F., Senadheera, A.S.P.L. & De Silva, B.S.S. (2020). Knowledge, attitudes and practices regarding healthcare waste management among nurses in district general hospital, Negombo. *Graduate Nurses Foundation of Sri Lanka, 2nd Biennial Scientific Sessions*, Post Basic College of Nursing, Colombo, Pp.40. ISBN: 978- 624-5354-00-9
- Amarasinghe, L. N. D., Senadheera, S. K. R., Buathsinghala, B. A. T. N., Madhuwanthi, A. K. A., Ranaweera, R. A. N. D. & De Silva B. S. S. (2020). Family members' experiences related to organ donation of brain-dead patients. *13th International Research Conference of General Sir John Kotelawala Defense University*, Ratmalana, Sri Lanka, Pp. 36. ISBN 978-955-0301-83-6
- Liyana Arachchi, L. A. C. D., Sirithunga, I. W. P., Muthugala, M. N. S. & De Silva, B. S.S. (2020). Sexual life of male stroke patients. *The 3rd Research Symposium of the Faculty of Allied Health Sciences*, University of Ruhuna, Galle, Sri Lanka, Pp.58. ISSN: 2659-2029

4. Jayatilleke, B.G., Ranawaka, G. R. & Wijesekera, G. G. W. C. (2020). Summative evaluation of a mobile learning application using a tablet computer: Experiences of health science learners. *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala.
5. Nuwansala, H.U.C., Patterson, N.M. & Madhavi, A.V.P. (2020). Perceptions of and attitudes towards plagiarism among university students in Asia: A Review of literature. *5th Asian IP Works-In-Progress Conference*, Hong Kong, Pp. 37
6. Deepani, H., Dharmasena, A.W.D.A., Namalee, E.A.T.B., Gunarathna, V.G.A.N. & Sriyani, K.A. (2020). Knowledge of nurses on peripheral intravascular cannula-site infections and its associated factors. *7th Ruhuna International Science & Technology Conference*, University of Ruhuna, Matara, Pp.35. ISSN: 1391-8796
7. Samarasekara, A. P. M., Karunarathne, W. S. H., Gunarathne, B. G. U., Fernando, G. M. C., Nadeeshani, J. & Sriyani, K. A. (2020). Practice of self-administration of insulin among mothers with gestational diabetes mellitus at Castle Street Hospital for Women. *2nd Biennial Scientific Sessions 2020*, Graduate Nurses' Foundation of Sri Lanka, Pp.24. ISBN: 978-624-5354-00-9
8. Deepani, H., Dharmasena, A.W.D.A., Namalee, E.A.T.B., Gunarathna, V.G.A.N. & Sriyani, K.A. (2020). Practice on peripheral intravascular cannula site infections and associated factors among nurses at the medical wards of the National Hospital of Sri Lanka. *2nd Biennial Scientific Sessions 2020*, Graduate Nurses' Foundation of Sri Lanka, Pp.27. ISBN: 978-624-5354-00-9
9. Irani, K., Shyamali, M.A.W., Shyamali, P.N., Wijerathna, N.S.K., Kuruppu, N.R. & Sriyani, K.A. (2020). Perceived factors affecting for maternal requested caesarean delivery in Teaching Hospital, Mahamodara. *2nd Biennial Scientific Sessions 2020*, Graduate Nurses' Foundation of Sri Lanka, Pp.28. ISBN: 978-624-5354-00-9
10. Wijesekera, G.G.W.C., Sendall, M., McGraw, K., King, N. & Gamage, M. (2020). Digital Storytelling in promotion of healthy eating and physical activity of young people and their parents in Sri Lanka. *Impact Makers 2020*, Queensland University of Technology, Australia.
11. Laavanya, L., Martin, E. & Miller, Y.D. (2020). Impact of Baby-Friendly Hospital Initiative (BFHI) on breastfeeding initiation in Sri Lanka: a scoping review. *Impact Makers 2020 - Research conference on Public Health and Social Work*, Queensland University of Technology, Australia.
12. Abeysekera, K.A.I.N., Chamodi, K.A.B., Sanjeevani, R.M.T., Dissanayaka, A.M.G.L. & Samarasekara, P.W.G.D.P. (2020). Problems faced by patients undergoing haemodialysis admitted to National Hospital of Sri Lanka. *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala, Pp.76
13. Wijewardhana, K.W.P., Weerahandi, N.S., Udayanthi, K.P.K.G., Malwenna, M.H.A.H. & Sriyani, K.A. (2020). Nurses' knowledge of the prevention of pressure ulcers and associated factors in the Karapitiya Teaching Hospital. *Open University Research Session 2020 (OURS)*, The Open University of Sri Lanka, Nawala, Pp.79

14. Keerthirathna, W. D. L. D., Dasanayake, A. A. N. R., Wijedasa, D. D. T., Obadaarachchi, S. H., Hewabatage, P. N. & Priyanthi, W. N. Factors related to occupational hand injuries among patients admitted to the National Hospital of Sri Lanka. *08th International Conference on Health and Medicine*, Sri Lanka.
15. Nadeeshani, D.G.L., Ifham, M.I.M., Perera, M.G.P.K., Naodavitana, C.M., Senadheera, A.S.P.L. & Priyanthi, W.N. (2020). Factors influencing relapses among patients with psychiatric illnesses in psychiatric unit, National Hospital of Sri Lanka. *Global Academic and Research Institute Conference (GARI)- ICHM-2020- Colombo-08th International Conference on Health and Medicine*.
16. Wijayarathne, K.M.G.C.S., Ayesha, H.P.S., Tharangani, W.A.N., Dias, A.A.K.K., Senadheera, A.S.P.L. & Priyanthi, W.N. (2020). Factors related to obesity among teenagers at the nutrition clinic in District General Hospital, Gampaha, Sri Lanka. *Global Academic and Research Institute Conference (GARI)- ICHM-2020- Colombo-08th International Conference on Health and Medicine*.
17. Jayampathi, K.D.S.S., Samanwaththa, K.A.M.S., Damayanthi, K.A.N., Kevitiyagalavithana K.P., Karunathilaka, C.D.M.P. & Sriyani, K.A. (2020). Attitudes among caregivers of neuro trauma patients on pressure ulcer prevention. *2nd Biennial Scientific Sessions 2020*, Graduate Nurses' Foundation of Sri Lanka, Pp.20. ISBN: 978-624-5354-00-9
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19. Gunarathna, N.W.S., Senarathna, G.A.P.N.I., Karunanayaka, K.M.S.S., Chamika, R.M.A. & Madavi, A.V.P. (2020). Work-related stress and associated factors among nursing officers in the National Hospital of Sri Lanka. *2nd Biennial Scientific Sessions 2020*, Graduate Nurses' Foundation of Sri Lanka, Pp.36. ISBN: 978-624-5354-00-9
20. Senanayake, H.M.A., Sewwandi, R.A.D.D., Thilakarathne, R.D.L.M., Udakanda, U.I.C. & Sriyani, K.A. (2020). Impact of Keratoconus on vision-related quality of life among clinic attendees in the National Eye Hospital, Colombo. *2nd Biennial Scientific Sessions 2020*, Graduate Nurses' Foundation of Sri Lanka, Pp.33. ISBN: 978-624-5354-00-9
21. Erandika, H.A.H., Ranasinghe, R.W.S.L.S., Darshika, W.M.C., Piyathilaka, & Samarasekara, P.W.G.D.P. (2020). Factors contributing to sleep disturbances among patients in intensive care units at National Hospital of Sri Lanka. *2nd Biennial Scientific Sessions*, Graduate Nurses' Foundation of Sri Lanka, Pp.39
22. Laksirini, S.M.T., Dilrukshika, W.A.D., Yapa, Y.M.J.M., Sirimanna, A.A.I., Liyanage, N.S.K., Munidasa, K.G.P.K. & Saumika, M.A.R. (2020). Psychological Experiences of patients having a child with cleft lip and palate. *13th International Research Conference*, General Sir John Kotalawala Defence University, Pp.70
23. Abeyasinghe, W.A.M.S.D., Nilmini, W.S., Sandarekha, G.G.C.N., Illangasinghe, H.T., Senanayake, K.I.D.F., Liyanage, N.S.K. & Munidasa, K.G.P.K. (2020). Occupational risk

factors related to cutaneous leishmaniasis: A descriptive study. *13th International Research Conference*, General Sir John Kotalawala Defence University, Pp. 66

24. Edirisinghe, E.A.C.S., Kumuduni, W.G.A., Methmini, T.G.P., Welikala, W.A.D.I.H., Ranaweera, R.A.N.D.&Munidasa, K.G.P.K. (2020). Prevalence of non-communicable diseases and perceived behavioural risk factors among working women in hanwella area, Sri Lanka. *International Conference of Health Sciences 2020*, Faculty of Medical Sciences, University of Sri Jayewardenepura,Pp.112
25. Rathnayaka, R.M.S.S.T., Kawindi K.G.W., Karunathilaka, C.D.M.P., Fernando, M.S.M., KumaraK.P.C.S.P.& Senevirathna, D.M.N.D. (2020). Knowledge and attitude regarding oral cancer and mouth self - examination of individuals above 30 years of age in Divisional Secretariat Kesbewa.Graduate Nurses Foundation of Sri Lanka.*2nd Biennial Scientific Sessions*, Post Basic College of Nursing, Colombo,Pp.37. ISBN: 978- 624-5354-00-9
26. Bandara, S.V.,Jayawardhana,N.D.M.,Chamoni,S.,Samagi,S.W.,Kariyawasam,I.B.,Jayasekara,J.M. K.B.&Weerawardhana,S.D.P.L.(2020).Knowledge and practice of mother's regarding multiple micronutrient supplementation (MMN) in Boralessgamuwa Medical Officer of Health Area. *133rd Anniversary International Medical Congresses*, The Sri Lanka Medical Association, Pp.78-79
27. Abeysinghe, W.A.M.S.D., Nilmini, W.S., Sandarekha, G.G.C.N., Illangasingha, H.T., Munidasa, K.G.P.K., Liyanage, N.S.K.& Senanayake, K.I.D.F. (2020). Environmental Risk Factors Related to Cutaneous Leishmaniasis in a Dermatology Clinic at Base Hospital Thabuththegama: A Descriptive Study.*7th International Conference on Multidisciplinary Approaches – 2020*, Faculty of Graduate Studies, University of Sri Jayewardenepura,Pp. 42

DEPARTMENT OF PHARMACY

Books/Book Chapters

None

Journal Publications

1. Prasanna, S. M. S., Cader, T. S. B., Sabalingam, S., Shanika, L. G. T.& Samaranyake, N. R. (2020). Are medications safely used by residents in elderly care homes? – *A multi-centre observational study from Sri Lanka*, Pp. 1–15. <https://doi.org/10.1371/journal.pone.0233486>
2. Dilsha, R. A. N., Kularathne, H. M. I. P., Mujammil, M. T. M., Irshad, S. M. M. & Samaranyake, N. R. (2020). Nature of dispensing errors in selected hospitals providing free healthcare: a multi-center study in Sri Lanka. *BMC health services research*, 20(1), 1-10. <https://doi.org/10.1186/s12913-020-05968-y>

3. Dilsha, R.A.N., Kularathne, H.M.I.P., Mujammail, M.T.M., Irshad, S.M.M. & Samaranyake, N.R. (2020). Awareness and Perceptions of State Hospital Pharmacists on Dispensing Errors – Evidence from Three Hospitals in Sri Lanka. *Pharmaceutical Journal of Sri Lanka*, 10(1), Pp.43–53. DOI: <http://doi.org/10.4038/pjssl.v10i1.5>

Conference proceedings/abstracts/extended abstracts

1. Amarasiri, H.A.D.B., Jayasundara, A.C.A. & Adassooriya, N.M. (2020). Synthesis, Characterization and Swelling Studies of Methotrexate Incorporated Hydrogels Using Natural Polymers and a Cross Linker; Preliminary Study to a Nano-hydrogel. *International Research Conference of Uva Wellassa University (IRCUWU-2020)*, Pp.252
2. Samarasekara, P.W.G.D.P., Dilsha, R.A.N., Wickramasinghe, A.S.D., Pathirana, D.H., Wijekoon, S., Sendanayake, L.R. & Amarasiri, H.A.D.B. (2020). Possible Drug-Drug Interactions in Prescriptions of Discharged Patients at a Selected Teaching Hospital in Colombo District. *The Postgraduate Institute of Science Research Congress, Sri Lanka (RESCON)*, Pp.178
3. Mamunuwa, A.M.V.G.N., Coombes, J., Lynch, C.B., De Silva, A., Wickramasinghe, N.D.D. & Jayamanne, S.F. (2020). Pharmacists' interventions in the management of drug related problems – Sri Lanka Medical Association – 133rd Anniversary International Virtual Medical Congress 2020.
4. Samanthilaka, H.A.E., Indunil Priyangika, K.A., Vithanage, M.N.A., Ganegoda, S.S.G.A.R.K. & Samaranyak, G.N.D. (2020). Adherence level to good pharmacy practice-based national medicines regulatory authority guidelines by community pharmacies in Colombo city area and Polonnaruwa district in Sri Lanka. *08th International Conference on Health and Medicine, GARI (Global Academic Research Institute) Research Symposium 2020*.
5. Samaraweera, N., Mahathevan, N., Heenkenda, H.M.A.K., Dilsha, R.A.N., Jeyanthan, M. & Senarathna, L. (2020). Patient satisfaction on pharmacy services provided by the outpatient pharmacy of National Hospital of Sri Lanka. *Colombo Medical Congress 2020*, Pp.156
6. Gajaweera, W.A.A., Jayathilake, H.N.D., Misbahunnisa, M.Y., Karunarathna, B.A.O. P., De Silva, D.T.N., Milhan Batcha, Fernandopulle, B.M.R. (2020). The impact of pharmacist counselling on knowledge, attitudes and adherence to clomiphene citrate in patients attending subfertility clinic at Castle Street Hospital for Women. *Colombo Medical Congress 2020*, Faculty of Medicine, University of Colombo, Sri Lanka.

DEPARTMENT OF PSYCHOLOGY & COUNSELLING

Books/Book Chapters

None

Journal Publications

1. Hapangama, A., Kuruppuarachchi, L. A., De Silva, R., Wickramasinghe, A. R., Ravindran, A. & Williams, S. S. (2020). Cross-cultural adaptation and validation of the Liebowitz Social Anxiety Scale (LSAS-SR) Sinhala Version. *Ceylon Medical Journal*, 65, 28-31. DOI: 10.4038/cmj.v65i1-2.9134
2. Gan, Y., Jiang, H., Li, L., Yang, Y., Wang, C., Liu, J., Yang, T., Zheng, Y., Zhu, Y., Sampson, O., Xu, H., Yu, F., Chen, Y., Herath, C., Zhong, Y., Liu, Q., Yu, M., Liu, L., Gao, C. & Lu, Z. (2020). A National Survey of Turnover Intention Among General Practitioners in China. *International Journal of Health Planning Management*, 35(2), 482-493. DOI: 10.1002/hpm.2921
3. Herath, C. (2020). Sri Lankan Undergraduate Healthcare Student's Perceptions of Interprofessional Learning: A Cross-Sectional Study. *Annals of Clinical and Medical Case Reports*, 5(4), 1-8
4. Dissanayake, M. P., Halberstadt, A. G. & Kalat, J. W. (2020). Emotional experiences and expressions of individuals in the Sri Lankan context: The roles of gender, culture and religion. *OUSL Journal*, 15(1), Pp.43-65. DOI: <http://doi.org/10.4038/ouslj.v15i1.7455>

Conference proceedings/abstracts/extended abstracts

1. Hapangama, A., De Silva, B.G. R., De Zoysa, P. T., Kuruppuarachchi, K. A., Ravindran, A., Wickramasinghe, A. R. & Williams, S. S. (2020). Randomized controlled trial investigating the effectiveness of cognitive behavioral group therapy compared to a waitlist control in the treatment of university students with social phobia. *133rd International Medical Congress*, Pp. 26-27, Colombo: Sri Lanka Medical Association.
2. Gamage, G.P. (2020). Exploring the Challenges and Benefits of Using Moodle Chat Sessions as a Learner Support Mechanism During the COVID-19 Lockdown in Sri Lanka. *The Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala, Pp.11
3. Dissanayake, M. P., Halberstadt, A. G., Kalat, J. W. & Kamble, S. V. (2020). Valuing positive emotions as a mediator of the association between individuals' affect and satisfaction with life, *The Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala, Pp.72
4. Aththidiye, R., Wanigaratne, S. D., Dissanayake, M. P. & Kathriarachchi, S. (2020). Grounded theory on therapy compliance of mindfulness based cognitive therapy: An exploratory review. *Colombo Medical Congress 2020*.
5. Aththidiye, R., Munasinghe, K., De Zoysa, P., Dissanayake, M., Caud Nonis, C., Netthasinghe, J., Weerasinghe, I., Wikramasinghe, A., Thilakaratne, N., Fernando, S. & Amarasinghe, K. (2020). The need for a cross-cultural adaptation of the EMDR group protocol intervention for trauma affected children and adolescents: Reflections from the Sri Lankan context. *4th EMDR Asia Conference 2020*.

6. Herath.C. (2020). The COVID - 19 pandemic in Sri Lanka: Multi-sectoral Healthcare and Other Workers on the Front Line - Risk and Challengers, CAIPE Symposium, 'COVID - 19, a Gift or Challenge for IPE Educators and Practitioners.*Center for Advancement of Interprofessional Education, United Kingdom.*

**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	5	9	18
Department of Legal Studies	0	2	13
Department of Social Studies	0	14	10
Department of English Language Teaching (DELTA)	0	0	6
Total	5	25	47

DEPARTMENT OF LANGUAGE STUDIES

Books/Book Chapters

1. De Silva, R. (2020). Little things go a long way. In Floris, F.D. & Renandya, W.A. (eds.) *Inspirational Stories from English Language Classrooms*. East Java: TEFLIN.
2. Edirisinghe, A., Wickremesinghe, M. & Kodithuwakku, M., et al. (2020). *Fatalities: Accidents, Suicides and Femicides of Women and Girls in Sri Lanka*. Colombo, United Nations People's Fund (UNFPA). Ebook/Print.
3. Medawattegedara, L. (2020). Adulterous' Female in Sinhala Folktales in Thiruchandran, S. (Ed.) *Bound by Culture: Essays on Cultural Production Signifying Gender*. Colombo, India-Sri Lanka Foundation in Collaboration with Women's Education and Research Centre and Women Unlimited.
4. Medawattegedera, V.V. (2020). *Popularizing English language poetry in Sri Lanka: Some current practices*. In H. Rambukwella, K. Fedricks, & P. Kariyawasam (Eds.), *Sahitya: Special Volume 2020*, Battaramulla: Department of Cultural Affairs.
5. Schubert, A. (2020). *The Troubling Authenticity of Charulatha Abeysekera Thewarathanthri's Stories*. In H. Rambukwella, K. Fedricks, & P. Kariyawasam (Eds.), *Sahitya, Special Volume 2020*, Department of Cultural Affairs, Battaramulla.

Journal Publications

1. Medawattegedara, L. (2020: Forthcoming). When Generous Gods Offer “Backhoe-Arm Load Of Gems”: Folk Ideas Found Among Gem Miners of The Sabaragamuwa Region. *OUSL Journal* 2020, II
2. Vinothini, A. (2020). Ethics: Thirukkural and Dhamma Comparative studies. *Academic Journal of Language Studies*, II, Buddhist and Pali University of Sri Lanka.
3. Vinothini, A. (2020). Preaching Styles and Ethical Techniques: Study Based on Sri Lankan Children’s Songs. *Shanlax International Journal of Tamil Studies*, iv (3)
4. Hettiarachch, C.A., Wardle, J., Arnold, M. & Muhandiram, N.L. (2020). Claims on Sri Lankan Food Labels: A Comparative Legal Analysis with Selected Jurisdictions. *OUSL Journal*, 15(2), Pp.83–95
5. Liyana Muhandiram, N. (2020). COVID-19, Sri Lanka and Indirect Expropriation. *A Legal Analysis of Defences on Public Health. Junior Bar Law Journal*, XI
6. Medawattegedera, V.V. (2020). Balanced Women and Kissing Frogs: Some thoughts on Feminist issues in the writing of three contemporary Sri Lankan female poets. *Sadhesa*, 1, Pp.13-16, Department of Cultural Affairs.
7. Schubert, A. (2020). A Manifesto for the Past: The Past Conditional Temporalities of Language Studies. *Vistas*, 13(2), 68-94
8. Schubert, A. & Dhanushka, S. (2020). Landscapes of Crossed Lines: Bong Joon Ho’s *Parasite*. *Polity*, 8(1 & 2), 77-82
9. Pullenayegem, J.C.N., De Silva, K. R.M. & Jayatilleke, B. J. (2020). Open and distance learner engagement with online mediation tools: An activity theory analysis. *Open Praxis*, 12(4), Pp. 469–483. DOI: <https://dx.doi.org/10.5944/openpraxis.12.4.1129>

Conference proceedings/abstracts/extended abstracts

1. Abeysekera, N. K., Satharasinghe, S. A. A. K. & Wijesinghe, K. G. S. A. (2020). Learning English at Tertiary Level via Zoom Technology - The Experience of OUSL Students. *SSN Two-Day International Conference on Online Teaching and Testing of English Language: Challenges and Solutions*, Chennai, India.
2. Abeysekera, N. K. & Wijesinghe, K. G. S. A. (2020). Online or Offline Sessions? An Analysis of Influencing Factors of Absenteeism Among the Students of English for Academic Purposes. *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala.
3. Chandramohan, K. (2020). 'Application of behavioural psychological principles in reinforcement in developing second language textbook (Tamil language)'. First APSPA

- international conference on school psychology: Mental health and wellbeing among children. *Asian pacific school of psychology*, Malaysia and National Institute of Sri Lanka.
4. Chandramoahan.K.(2020). 'Cultural changes and the up-country women'. *The Tamilology researches - A historical view- International conference*, Dept.of Tamil, University of Jaffna.
 5. Devendra, D.E. (2020). A Qualitative Study of Teachers' Knowledge of Instructional Strategies for The Teaching of English Literature. *Open University Research Sessions 2020 (OURS)*,The Open University of Sri Lanka, Nawala.
 6. De Silva, R. (2020). Research publication experience of academics: An exploratory study with a sample at OUSL. *Open University Research Sessions 2020 (OURS)*,The Open University of Sri Lanka, Nawala.
 7. Kodithuwakku, M. (2020). Silent Ships that Pass in the Night,*OUSL Faculty of HSS Research Sessions*,Colombo.
 8. Medawattegedara, L. (2020). The Noise of 'Silence': Student Perceptions of Learning War Poetry through the ODL Mode. *VISTAS, II, 2020*.
 9. Medawattegedara, L. (2020).Death of An Ending: What Motivated A Tale Narrator to Alter the Ending of The Folktale 'Animosity Between Cobra and Polanga'? *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala.
 10. Medawattegedera, V.V. (2020). Language Choice and Music Videos: An Analysis of Translanguaging Ideology in Selected Works of Iraj Weerathne.*Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala.
 11. Medawattegedera, V. V. (2020). Let the English medium come: Revisiting the demand for English medium education today *Daily Financial Times*.
 12. Meegaswatta, T.N.K. (2020). Temporality of History: A Reading of the Contemporaneity of the Past in Post-war Sri Lanka. *Open University Research Sessions 2020 (OURS)*,The Open University of Sri Lanka, Nawala.
 13. Meegaswatta, T.N.K. (2020). Reworking Gender in Conflict: Women in Rohini Mohan's *The Seasons of Trouble* (2014). *Faculty Research Communication- Faculty of Humanities and Social Sciences, OUSL*.
 14. Prasadika, T. (2020). Queer Antithesis: Semantic Slippages of Love in 'The One Who Loves You So'. *QGRAD Conference 2020*, University of California Los Angeles, United States of America.
 15. Prasadika, T. (2020). The Sri Lankan Queer Cinema: Queer Signposts and Heteronormative Fixtures. Sydney Screen Studies Network Virtual Seminar2020.

16. Prasadika, T. (2020). “Smashing Spatial Patriarchy”? #Metoo, #CreateAScene and “(Re)invented” Feminism(s) in Sri Lanka.[Book Chapter]. *The Other Me Toos. Iqra Shagufta Cheema*, University of North Texas.

17. Vinothini,A. (2020). Ethics of Life in Thirukkural. *International Thirukkural Conference*, Angkor Era Hotel, Siem Reap, Cambodia.

18. Schubert, A. (2020). The Demands of Dutiful Subjects: Colonial Education and Governmentality in Ceylon at the Turn of the 20th Century. *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala,Pp. 94

DEPARTMENT OF LEGAL STUDIES

Books/Book Chapters

None

Journal Publications

1. Jayarathna,D.M.N.M. &Thilakarathne,K.A.A.N.(2020). Jurisprudence of Statutory Rape.*International Journal of Law*,6(6), Pp. 270-277. ISSN: 2455-2194
2. Jayarathna,D.M.N.M. & Thilakarathne,K.A.A.N. (2020). The Legal Regime Governing the Information and Communication Technology in Sri Lanka.*Manurawa Law e-journal, Sri Lanka Law College*.

Conference proceedings/abstracts/extended abstracts

1. Liyana Muhandiram, N.S. (2020). Multi-National Corporations and their Human Rights Obligations –A Legal Assessment of Ruggie Principles and other UN Initiatives. *17th International Conference on Business Management (ICBM 2020)*, University of Sri Jayawardenapura, Sri Lanka.
2. Liyana Muhandiram, N.S. (2020). Environmental Regulation and Investment Protection: Is There a Conflict? A Study of Sri Lanka’s BITs.*The17th Asian Law Institute’ s International Conference(ASLI 2020)co-organized with University of Delhi*, India.
3. Liyana Muhandiram, N.S. (2020). Right of the Host State to Regulate the Environment and Investment Protection - A Changing Landscape. *International Research Conference of General Sir John Kotelawala Defense University*, Sri Lanka.
4. Liyana Muhandiram N.S. (2020). Sri Lanka’s Experience with Investor-State Arbitration – Acritical Appraisal.*SACT 2020 International Conference organized by the South Asian University*, India.

5. Jayarathna, D.M.N.M. (2020). The Impact of Climate change and Right to Food and Food Security in Sri Lanka: An Analysis. *07th International Conference on Agriculture (AGRICO 2020)*.
6. Jayarathna, D.M.N.M. (2020). Women's Rights in Human Rights Law and Buddhism: An Overview. *The 3rd International Conference on Gender and Sexuality 2020- Virtual Conference 2020*.
7. Hewameealla S. (2020). Right to Health and Human Conditions of Work: Constitutional Aspects of India. *6th International Conference on Public Health (ICOPH 2020)*, Pp.128
8. Ariyaratna, B. A.R.R. (2020). Employment Security of the Probationary Workers in Sri Lanka: A Comparative Legal Analysis. *13th International Research Conference*, Sir John Kothalawala Defense University.
9. Ariyaratna, B. A.R.R. (2020). Consumer Dispute Resolution in B2C E-commerce in Sri Lanka: A Comparative Legal Analysis. *17th International Conference on Business Management*, Faculty of Management Studies and Commerce, University of Sri Jayawardanapura.
10. Ariyaratna, B. A.R.R., Adikari, A. A.C.J. & Wijesinghe, W. A.S.S. (2020). The Interplay between Public Interests and Individual Rights during the COVID-19 Outbreak in Sri Lanka: A Comparative Legal Analysis with Selected Jurisdiction. *The Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala.
11. Damayanthi, H.N. (2020). Adequacy of The Legislative Interventions to Protect the Educational Rights of The Disabled Children in Sri Lanka. *.5th World Disability and Rehabilitation Conference*.
12. Anuththara, K.K.G. (2020). Patentability of Software Related Inventions in Sri Lanka: Specific Guidelines with Reference to Sophisticated Jurisdictions. *The Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala.
13. Adikari, A.A.C.J. & Wijesinghe, W.A.S.S. (2020). Making Intellectual Property A Common Good to Combat Global Pandemics: The COVID-19 Technology Access Pool (C-TAP) and the Role of Big Pharma in *17th International Conference on Business Management (ICBM) 2020*, Faculty of Management Studies and Commerce, University of Sri Jaywardenepura.

DEPARTMENT OF SOCIAL STUDIES

Books/Book Chapters

None

Journal Publications

1. Arumanaiyagam, K. & Morais, S. N. (2020). Understanding worker motivation in the tea planting industry of Sri Lanka. *Vistas, Journal of Humanities and Social Sciences, OUSL,13*, 59-74
2. Gunasekara, V. (2020). (Un)packing Baggage: A Reflection on the ‘Battle Over Ideas’ and Labour Hierarchies in Collaborative North–South Research. *The European Journal of Developmental Research. 32*, 503-513
3. Guruge, M.L., Koswatta, A. & Silva, S. (2020). Key Determinants of Customer Loyalty and Satisfaction of the Middle East Inbound Tourist to Sri Lanka. *Journal of Tourism Economics and Applied Research, 4*, 60-67
4. Kollmann, T., Koswatta, A., Palangkaraya, A. & Webster, E. (2020). The Impact of Design Rights on Australian Firms. *IP Australia Economic Research Paper 9:1.50*
5. Madhubhashini, G.T. (2020). The role of traditional media in preventing the spread of Covid-19 in Sri Lanka. *The International Journal of Interdisciplinary Global Studies,14* (2), 27- 39
6. Madhubhashini, G.T. (2020). Ethical practices of print media journalists in the context of Covid-19. *Colombo Journal of Multidisciplinary Research (CJMR)*, Faculty of Graduate studies, University of Colombo.
7. Madhubhashini, G.T. (2020). The use of new media & reality of information poverty in Sri Lanka. *Madhya Sameeksha,9*, 18- 28
8. Padmasiri, B. (2020). Rural Women, Agrarian Capitalism and the Environment in Monaragala, *Polity,8,1 – 2*, 28-33, Social Scientists’ Association, Colombo.
9. Piyarathne, A. (2020). Constructing gama or ūr amidst inescapable ethnonational politics Everyday experience of Pānama people living on the Eastern coast of Sri Lanka. *European Scientific Journal, ESJ16*(39), 133-150
10. Piyarathne, A. (2020). Secularizing Buddhism: An ethnography of roadside Buddhist shrine worshipping in the city of Colombo. *Journal of Comparative Studies,13* (42), 10-33
11. Sanmugeswaran, P. (2020). Maximizing the Potential of Multidisciplinary Social Sciences in Empowering People through ODL Methodologies. *VISTAS- Journal of Humanities and Social Sciences, The Open University of Sri Lanka, Nawala,13* (2), 47-67
12. Sanmugeswaran, P. (2020). A Review of Postcolonial Scholarship: Conducting Research on Culture and Society. *Prathimana: Journal of the Department of Sociology,12*, 146-184, University of Ruhuna.

13. Welikala, S. (2020). Popular justice in Sri Lanka: A sociocultural artifact. *European Scientific Journal, ESJ*, 16(39), 184-200
14. Welikala, S. (2020). Confronting disciplinarity and interdisciplinarity in the social sciences: an intellectual conundrum. *VISTAS- Journal of Humanities and Social Sciences*, 13 (2), 31-46, The Open University of Sri Lanka, Nawala.

Conference proceedings/abstracts/extended abstracts

1. Herath, U. (2020). Beyond reclaiming indigenous: challenges faced by young gypsies in Sri Lanka. *Proceedings of the 3rd International Symposium on Social Sciences and Humanities (ISSSH) 2020 Development towards Sustainability*, National Center for Advanced Studies.
2. Karunadasa, K. L. E., Liyanahetti, D. D. & Fernando, G. D. T. K. (2020). Transforming from traditional learning to Elearn platforms; Constraints experienced by undergraduates of The Open University of Sri Lanka. *Annual Research Symposium on COVID - 19 Pandemic: Development Challenges and Opportunities*, Faculty of Graduate Studies, University of Colombo, Sri Lanka.
3. Madhubhashini, G.T. (2020). Ethical practices of journalists: With special reference to newspaper articles on Covid-19 that published in the national English newspapers in Sri Lanka. *Annual Research Symposium on COVID - 19 Pandemic: Development Challenges and Opportunities*, Faculty of Graduate Studies, University of Colombo, Sri Lanka.
4. Piyarathne, A. (2020). The folk religious practices as an indigenous approach of negotiating disaster risks in Sri Lanka. *International symposium of Multi Hazard Early Warning and Disaster Risk Reduction 2020 (MHEW2020)*, University of Huddersfield, UK.
5. Piyarathne, A. (2020). Building a reservoir for kids: Anthropology of a ‘culture of underdevelopment’. *Open University Research Sessions -2020 (OURS2020)*, The Open University of Sri Lanka, Nawala.
6. Piyarathne, A. (2020). Lessons Sri Lanka can learn from Gandhian thinking to assure human welfare *International Webinar on “Gandhian Thoughts in Human Welfare”* by Department of Anthropology, University of Delhi.
7. Piyarathne, A. (2020). Secularising Buddhism: An ethnography of roadside Buddhist shrine worshipping in the city of Colombo. *International Academic Conference Human: Language, Society, Culture*, organised by the Society “Cultural Artefact” in cooperation with Daugavpils University Institute of Humanities and Social Sciences of Daugavpils, Latvia.

8. Sanmugeswaran, P. (2020) Invention of JīvaJeyaNātam: Innovative Musicology and Democratization of Music in Post-war Sri Lanka. *13th International Conference of Students of Systematic Musicology (SysMus20)*, hosted by the York Music Psychology Group of the Department of Music at the University of York, England.
9. Gunasekara, V.: a grant from AHEAD (World Bank) - Colonial Laws and the Buddhist Temple: The Political Economy of Temple Administration through a Study of Mulkirigala.
10. Abeyasekera, A. & Gunasekara, V. (2020). a grant from the American University of Washington D.C. - Square-rule paper engineers: a case study of the Million Houses Programme in Sri Lanka.

DEPARTMENT OF ENGLISH LANGUAGE TEACHING (DELT)

Books/Book Chapters

None

Journal Publications

None

Conference proceedings/abstracts/extended abstracts

1. Batuwatta, S. Satharasinghe, S.A.A.K. (2020). Diverse Roles of ESL Teachers in Developing Learner Autonomy. *17th Academic Sessions*, University of Ruhuna, Matara.
2. Batuwatta, S. Satharasinghe, S.A.A.K. (2020). Autonomy in Language Learning: Is it achievable without teachers? *Global Conference on Advancements in Education and Research*, Isuruoka, Japan.
3. Abeysekera, N. K., Satharasinghe, S. A. A. K. & Wijesinghe, K. G. S. A. (2020). Learning English at Tertiary Level via Zoom Technology - The Experience of OUSL Students. *SSN Two-Day International Conference on Online Teaching and Testing of English Language, Challenges and Solutions*, Chennai, India.
4. Abeysekera, N. K. & Satharasinghe, S.A.A.K. (2020). Stakeholder Perceptions on B.A. Honours in English and English Language Teaching in Enhancing Professional Development. *Faculty Research Presentation*, Faculty of Humanities and Social Sciences.
5. Abeysekera, N. K. & Wijesinghe, K. G. S. A. (2020). Online or Offline Sessions? An Analysis of Influencing Factors of Absenteeism Among the Students of English for Academic Purposes. *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala.

6. Gunathilake, W.T.M.&Herath,S.(2020). Second Language: Bridge or barrier? Exploring the linguistic identities of novice international school English teachers in Sri Lanka. In Weerakoon, S.R., Herath, S., Perera, V.P.S.*Open University Research Sessions 2020 (OURS)*,Open University of Sri Lanka, Nawala,Pp.53

FACULTY OF MANAGEMENT STUDIES

FACULTY OF MANAGEMENT STUDIES

Department	Books/ Book Chapters	Journal Publications	Conference proceedings /abstracts/extended abstracts
Department of Accounting and Finance			
Department of Human Resource Management			
Department of Marketing Management			
Department of Organizational Studies			
Total	1	18	27

Books/Book Chapters

1. Sivalogathan, V. & Ranaweera, S. (2020). *Innovation Practices of Large-Scale Manufacturing Organizations Located In Industrial Estates In The Western Province of Sri Lanka, Chapter 7 – Recent Trends in Interdisciplinary Research (An Indo – Sri Lankan Perspectives)*. LAP Lambert Academic Publishing, Omni Scriptum Publishing Group, ISBN 978-620-268076-9

Journal Publications

1. Sivalogathan, V. (2020). Tamil Culture in Northwestern Coastel: Analysis of Participation of Peoples of Udappu in the Development of Social and Economic., *Journal of 60th Anniversary of the Andimunai Tamil Maha Vidyalayam, Udappu*, 10-15
2. Sathiyavel, M. (2020). Individual Innovativeness in Politicized Organizations: The Role of Employee Voice and the Paradoxical Mind-set. *Sri Lanka Journal of Management*, 25 (2), 32-63
3. Abeysekera, N. (2020). Book Review: Marketing 4.0: Moving from Traditional to Digital by Philip Kotler, Hermawan Kartajaya, Iwan Setiawan. *South Asian Journal of Marketing*, 1(1), Pp.178-181
4. Jewasiri, N.J, Abeysekera, N. (2020). Corporate social responsibility and dividend policy in Sri Lankan firms: A data triangulation approach, *Journal of public affairs*, Pp.1-12. <https://doi.org/10.1002/pa.2283>
5. Sapukotanage, S., Warnakulasuriya, B. N. F. & Yapa, S.T.W.S. (2020). Company Legitimacy and Sustainable Operations. *The Case of Apparel Manufacturers of Sri Lanka International Business Research*, 13(11)

6. Guluwita, T. D.& Sapukotanage, S. (2020). Mediating Effect of E-Satisfaction on The Relationship Between E-Service Quality And E-Loyalty of Professionals in Colombo Using E-Commerce Websites. Sri Lanka., *Journal of Management Studies*, 2(1)
7. Senevirathne,W.A.R., Weerasekara, C.P., Nilwala, W.M., Silva, G.A.J., Kurupparachchi, Y.D.R., Gunasekara, R.P. & Nisansala,D.W. (2020). Financial Health and Wealth of White Collars: Empirical Study between Financial Literacy and Financial Well-Being in Sri Lanka. *Journal of Accountancy and Finance*, 6 (I)
8. Hapugoda, J. C. & Sooriyarachchi, M. R. (2020). A Simulation Study for Performance Comparison between Generalized Linear Mixed Modeling (GLMM) and Generalized Regression Neural Networks (GRNN) in Joint Modeling of Mixed Responses. *Tropical Agricultural Research*, 32(1),49-57
9. Heenkenda, J.C.B., Xu Fju & Dharmasena, H.A. (2020).Innovation Capability for SMEs Performance: A Study of Entrepreneurs in Sri Lankan Small and Medium Scale Enterprises, *17th International Conference on Innovation and Management (ICIM 2020)*, Chengdu University of Information Technology, Chengdu, China.
10. Sewwandi, D.K.&Dhammika, K.A.S. (2020). Impact of Workplace Spirituality on Organizational Commitment of Academic Staff: An empirical study in the Public Universities of Sri Lanka. *South Asian Journal of Management*.
11. Wanninayake, W. M. A. S., Mahakumbura, M. G. C. D. & Hapugoda J. C. (2020). Perceived Service Quality and Customer Loyalty: An Application of SERVQUAL Model in Credit Card Segment of Sri Lankan Private Sector Banks. *Management Issues Journal*.
12. Liyanagamage, C. (2020). The Role of Asymmetric Information in an Imperfect Competitive Banking Sector. *International Journal of Research and Analytical Reviews*,7(4)
13. Liyanagamage, C. & Ranasinghe, R. (2020). Factors Determining Adoption of Outsourcing Logistics Functions: A Study of Manufacturing and Trading Sectors in Sri Lanka. *Asian Journal of Engineering and Applied Technology*,9(2), Pp. 36-44
14. Gamini, L.P.S. & Rajapaksa, P.K. (2020). Impact of Supply Chain Management Practices on Competitive Advantage and Organization Performance: Evidence from the Manufacturing Industry in Sri Lanka. *Journal of Management Studies*,2 (1)
15. GaminI, L.P.S.&Silva,W.A.P.U. (2020). Corporate Reporting of Commercial Bank in Sri Lanka, *Journal of Management Studies*, 2(2)
16. Weerasekara, C.P. (2020). Stock Market Image- Investors' Overall Perception towards Capital Market: Evidence from The Colombo Stock Exchange (CSE), Sri Lanka. *Journal of Management Studies*, 2(2)

17. Kasunika, P.D.D., Bhagya. M. G.S.& Malalage. G. S. (2020). The impact of employment towards the academic performance of undergraduates in Sri Lanka. *Journal of Statistics Business Analytics, 1*(1). ISSN 2673-107X
18. Devendra, S. & Perera, R. H. A. T. (2020). A Factor Analytic Investigation of Generating Positive Word-of-Mouth towards Banking Industry. *International journal of advance research and innovative ideas in education, (1)*, 117–122

Conference proceedings/abstracts/extended abstracts

1. De Zoysa W.M.& Sivalogathanan, V. (2020). A Study on The Impact of Work-Life Balance on The Job Satisfaction Among Female Bank Employees In Sri Lanka (Western, Southern & Central Provinces). *4th CIPM Research Symposium Online Conference*.
2. Hennayake, H.M.G.Y.J., Rathnayake, T.H. & Abeysekera, N. (2020). Entrepreneurial Attributes from The Lenses of Entrepreneurship Students in Sri Lanka. *International Conference on Business, Commerce and Management Studies (BIZCOM 2020)*, Malaysia.
3. Lakmali, A.A.I., Silva, D.A.C.& Abeysekera, N.(2020). Marketing Tourism in the Web: From Web 1.0 to Web 5.0, Covid 19 Pandemic, Challenges & Opportunities. *Annual Research Symposium, FGS, University of Colombo*.
4. Lakmali, A.A.I., Silva, D.A.C.& Abeysekera, N.(2020). Customer Participation Typology in Online Services. *International Conference on Marketing Management*.
5. Ariyapperuma, A.R.M.I., & Abeysekera, N. (2020). Influence of information strategies on organizational performance for sustainable competitive advantage. *International Conference on Business, Commerce and Management (BizCom - 2020)*, Kula Lumpur, Malaysia.
6. Abeysekera, S.K., Gamini, A.L.P.S.& Chandralal, L. (2020). Linking Social Capital and People's Involvement in the Tourism Context of Sri Lanka. With Special Reference to the Mirrisa, Galle District. *Research Conference on Business Studies (RCBS)*, Vavuniya Campus of the University of Jaffna, Sri Lanka.
7. Abeysekera, S.K., Gamini, A.L.P.S. & Chandralal, L. (2020). A Preliminary Study on the Factors Influencing in People's Involvement in Pro-Poor Tourism. *Open University Research Session 2020 (OURS)*, The Open University of Sri Lanka, Nawala.
8. Ariyapperuma, A.R.M.I. & Abeysekera, N. (2020). COVID-19 and Challenges to achieving Sustainable Development Goals (SDGs). *Annual Research Sessions*, Faculty of Graduate Studies, University of Colombo, Sri Lanka.

9. Ariyapperuma, A.R.M.I. & Abeysekera, N. (2020). Impact of transformational leadership on organizational performance. *3rd International Research Symposium on Social Sciences and Humanities (IRSSSH)*, National Centre for Advanced Studies (NCAS), Sri Lanka.
10. Karunasingha, R.H.J.G.A.S.& Sapukotanage, S. (2020). Impact of Social Media Marketing on Consumer Purchase Intention for Clothing with Special Reference to Females Residing in Colombo. *International Conference on Marketing Management 2020 (SLIM)*.
11. Jeevitha, R., Rathnayake, T.H. & Rathnayake, D.T. (2020). Social Media Usage and Perceived Job Performance; A Study of Sri Lankan Employees. *International Conference on Marketing Management 2020*, Sri Lanka Institute of Marketing (SLIM).
12. Liyanage, L.H.D., Piumali, P.L.G.S.D. & Rathnayake, T.H. (2020). Determinants of Consumers' Selection of Supermarkets for Grocery Shopping; Empirical Evidence from Western Province, Sri Lanka. *International Conference on Marketing Management 2020*, Sri Lanka Institute of Marketing (SLIM).
13. Rathnayake, T.H. & Rathnayake, D.T. (2020). Copyright Information Visibility and Copyright Awareness in Social Media: Empirical Evidence from Sri Lanka. *Second IP & Innovation Researchers of Asia Conference 2020*, Faculty of Law, University of Indonesia.
14. Hapugoda, J. C. & Sooriyarachchi, M. R. (2020). A Simulation Study for Performance Comparison between Generalized Linear Mixed Modeling (GLMM) and Generalized Regression Neural Networks (GRNN) in Joint Modeling of Mixed Responses. *32nd Annual Congress of Postgraduate Institute of Agriculture*, Peradeniya.
15. Hapugoda, J. C. & Sooriyarachchi, M. R. (2020). Joint Modeling of Dengue Survival and Counts with Joint Generalized Estimating Equations. *International Conference on Environmental and Medical Statistics*, Peradeniya.
16. Sewwandi, D.K. (2020). "Organizational Commitment: A survey of Sri Lankan Academia. *11th International Conference on Business and Information (ICBI2020)*, Faculty of Commerce and Management Studies, University of Kelaniya, Sri Lanka.
17. Chandrasena, S.& Senevirathne, W.A.R. (2020). Challenges and Panacea in Online Learning amidst in Covide 19 Pandemic, Empirical study in Higher education sector in Sri Lanka. *3rd International Conference on Social Sciences and Humanities (IRSSSH)2020*, At NCAS Hosted by National Centre for Advanced Studies (NCAS) Sri Lanka.

18. Senevirathne, W.A.R. (2020). Potentiality to Achieve Financial Well-Being Through Financial Literacy among employees and professionals in Sri Lanka. *3rd International Conference on Social Sciences and Humanities (IRSSSH) 2020*, At NCAS Hosted by National Centre for Advanced Studies (NCAS) Sri Lanka.
19. Edirisinghe, E.A.B.P. & Senevirathne, W.A.R. (2020). Study on Financial Literacy and Investor Behavior in the Colombo Stock Exchange. *3rd International Conference on Social Sciences and Humanities (IRSSSH) 2020*, At NCAS Hosted by National Centre for Advanced Studies (NCAS) Sri Lanka.
20. Nilwala, W.M. & Jayathilaka, S.S.R. (2020). The impact of Human Resource Management practices on employee intention to retain: With special reference to the MG Apparel(pvt) Ltd Imbulana in Sri Lanka, *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala. ISSN 2012-9912
21. Nilwala, W.M. & Madushani, B.K.L. (2020). The impact of occupational health and safety on job performance: with special reference to the Smart Shirts (Lanka) Ltd Haragama Sri Lanka, *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala, ISSN 2012-9912
22. Nilwala, W.M., Senevirathne, W.A.R. Jayathilaka, Gunasekara, R.P. & Nisansala D.W. (2020). An investigation of the impact of undergraduate's perception of online learning among distance learners: Evidence from global disaster. *The 3rd International Conference on Social Sciences and Humanities (IRSSSH) 2020*, at NCAS Hosted by National Centre for Advanced Studies (NCAS) Sri Lanka.
23. Pathirana, V.P.S.M. & Dissanayake, K.Y.G.S.S. (2020). The Relationship between Working Capital Policies and Profitability of Manufacturing Firms in Sri Lanka. *6th Symposium of Accounting & Finance Research. SACFIRE 2020*, Department of Accountancy, Wayamba University of Sri Lanka. ISSN 2579-1737
24. Pathirana, V.P.S.M. (2020). An Examination of Relationship between Environmental Management Practices and Firm's Financial Performance of Listed Companies in Sri Lanka. *6th Symposium of Accounting & Finance Research. SACFIRE 2020*, Department of Accountancy, Wayamba University of Sri Lanka. ISSN 2579-1737
25. Pathirana, V.P.S.M. & Dissanayake, K.Y.G.S.S. (2020). The Impact of Inventory Management on Liquidity of Manufacturing Companies Listed in Colombo Stock Exchange, *SACFIRE – 202. 6th Symposium of Accounting & Finance Research. SACFIRE 2020*, Department of Accountancy, Wayamba University of Sri Lanka. ISSN 2579-1737
26. Pathirana, V.P.S.M. (2020). The relationship between working capital policies and profitability of manufacturing firms in Sri Lanka. *3rd International Conference on Social*

Sciences and Humanities (IRSSSH) 2020, At NCAS Hosted by National Centre for Advanced Studies (NCAS) Sri Lanka.

27. Perera, R.H.A.T.& Weerasinghe, K.P.W.D.R. (2020). Exploring Utilitarian Motivations in Online Shopping During the Covid-19 Pandemic. *International Conference on Marketing Management 2020*, Sri Lanka Institute of Marketing (SLIM).

**FACULTY OF NATURAL
SCIENCES**

FACULTY OF NATURAL SCIENCES

Department	Books/ Book Chapters	Journal Publications	Conference proceedings /abstracts/ extended abstracts
Department of Botany	0	17	8
Department of Chemistry	1	14	31
Department of Mathematics	0	1	1
Department of Physics	0	11	7
Department of Zoology	0	15	23
Department of Computer Science	0	0	1
Total	1	58	71

DEPARTMENT OF BOTANY

Books/Book Chapters

None

Journal Publications

1. Munasinghe, S. P., Somaratne, S., Weerakoon, S. R. & Ranasinghe, C. (2020). Prediction of chemical composition for callus production in *Gyrinops walla* Gaetner through machine learning. *Information Processing in Agriculture*, 7 (4), 511-522
2. Somaratne, S. & Weerakoon, S. R. (2020). Development of a Diversity Panel for Traditional Rice (*Oryza sativa* L.) accessions/varieties in Sri Lanka (2020). *International Journal of Multidisciplinary Research and Analysis*, 3 (12), 260-268. DOI: 10.47191/ijmra/v3-i12-01
3. Munasinghe, D. S. P., Weerakoon, S. R. & Somaratne, S. (2020). Biological responses of Sri Lankan rice (*Oryza sativa* L.) varieties to rhythmic sound patterns (music and religious chants). *NUSANTARA BIOSCIENCE*, 12 (2), 154-161. DOI: 10.13057/nusbiosci/n120211

4. Weerakoon S.R. & Somaratne S. (2020) Herbicide Resistance in Sri Lankan Rice (*Oryza sativa* L.) Varieties: A Molecular Approach. *International Journal of Agriculture Sciences*, 12 (23), 10446-10450
5. Amarasinghe, K.I.C., Jayakody, L.K.R.R. & De Silva, C.S. (2020). Adverse effects of climate change-induced temperature and water stress on growth and yield of rice (*Oryza sativa* L.) variety *Suwandel*. *Sri Lanka Journal of Food and Agriculture*, 6(2), Pp.15–24. DOI: <http://doi.org/10.4038/sljfa.v6i2.85>
6. Amarasinghe, K.I.C., De Silva, C. S&Jayakody,L.K.R.R. (2020). Will Pineapple(*Ananas comosus* L. Merr.) be a successful crop with globalwarming- induced temperature and water stress in Sri Lanka? *Journal Engineering and Technology*,The Open University of Sri Lanka, Nawala, 8 (1) ,41-6
7. Abhayawickrama, B., Gimhani, D., Kottarachchi, N., Herath, V., Liyanage, D. &Senadheera, P. (2020). In Silico Identification of QTL-Based Polymorphic Genes as Salt-Responsive Potential Candidates through Mapping with Two Reference Genomes in Rice. *Plants*, 9 (2),233
8. Seneviratne, M. & Marschner, P. (2020). Soil respiration and nutrient availability after heating are influenced by salinity but not by prior drying and rewetting. *Biology and Fertility of Soils*, 1-11
9. Seneviratne, M., Alamgir, M. & Marschner, P. (2020). Impact of Heating and Rewetting on Soil Respiration and Nutrient Availability Is Enhanced by Prior Growth of Plants. *Journal of Soil Science and Plant Nutrition*, 1-8
10. Kodituwakku, T.D., Ekanayake, G.C.M., Abeywickrama, K.P.&Jayakody, R. (2020). In vitro antifungal efficacy of selected essential oils in controlling fungi associated with the stem-end rot disease of mango (cv. Karutha Colomban) fruits and characterization of antifungal components. *Journal of the National Science Foundation Sri Lanka*, 48 (2), 101-111
11. Seneviratne, K.A.C.N., Kuruppuarachchi, K.A.J.M., Seneviratne, G. & Premarathna, M. (2020). *Zamioculcas zamiifolia* novel plants with dwarf features and variegated leaves induced by colchicine. *Ceylon Journal of Science*, 49(2), 203-207. DOI: <http://doi.org/10.4038/cjs.v49i2.7741>
12. Karunanayake, K. O. L. C.& Adikaram, N. K. B. (2020). Stem-end rot in major tropical and sub-tropical fruit species. *Ceylon Journal of Science*, 49(5), 327–336
13. Karunanayake, K. O. L. C., Liyanage, K. C. M., Jayakody, L. K. R. R. & Somaratne, S. (2020). Basil oil incorporated beeswax coating to increase shelf life and reduce anthracnose development in mango cv. Willard. *Ceylon Journal of Science*,49(5), 355–361

14. Kodituwakku, T.D., Abeywickrama, K. & Karunanayake, K.O.L.C. (2020). Pathogenicity of Stem-end Rot Associated Fungi Isolated from Karthakolomban Mango and Their Control by Spray and Fumigation Treatments with Selected Essential Oils. *Journal of Agricultural Sciences – Sri Lanka*, 15(1), 19–36
15. Kodituwakku, T.D., Abeywickrama, K. & Karunanayake, K.O.L.C. (2020). Effect of spraying of essential oils and passive modified atmosphere packaging on selected postharvest quality parameters and stem-end rot development in *Mangifera indica* (cultivar Karthakolomban). *Sri Lanka Journal of Food and Agriculture*, 6(1), 37–45
16. Samithri, Y. A. S., Karunanayake, K. O. L. C. & Kulasinghe, A. A. (2020). *In vitro* study of selected essential oils against *Colletotrichum* sp. and *Lasiodiplodia* sp. causing postharvest diseases in papaya. *Ceylon Journal of Science*, 49(5), 389–396
17. Daulagala, P.W.H.K.P., Adikari, A.M.N.N.S. & Dissanayake, K.U.N. (2020). A qualitative study on the diversity and conservation perspectives of pteridophytic flora in homegarden ecosystems in Polgolla in Kandy district, Sri Lanka. *Sri Lankan Journal of Biology*, 5(1), 1–7

Conference proceedings/abstracts/extended abstracts

1. Dissanayaka, D. M. L. C., Nilakarawasam, N., Weerakoon, S. R., Somaratne, S. & Ranasinghe, C. (2020). Anti-hypercholesterolemic activity in plant species of the family Euphorbiaceae on cholesterol-induced wistar albino rats. *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala, Pp. 23
2. Ranasinghe, C., Dissanayake, D. M. L. C., Weerakoon, S. R. & Nilakkarawasam, N. (2020). Antioxidant capacity and constituents of the methanolic extract of *Phyllanthus maderaspatensis* L. *7th Ruhuna International Science and Technology Conference 2020 (RISTCON)*, University of Ruhuna, Sri Lanka.
3. Sandanayake, C. L. T., Somaratne, S. & Weerakoon, S. R. (2020). Morphological diversity among selected Sri Lankan traditional rice (*Oryza sativa* L.) varieties. *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala, Pp. 24
4. Kurupparachchi, K.A.J.M. & Sayakkarage, V. (2020). Comparison of socio-economic status of undergraduates in the conventional's and ODL's universities. *International Conference on Open and Innovative Education (ICOIE 2020)*, 177-192
5. Witanage, A.B.N., Daulagala, P.W.H.K.P., Kumara, A.M.I.U. & Weerasooriya, S.V.R. (2020). Assessment of rural water supply in Sri Lanka: A case study from Wattedagama water supply scheme, Kandy. *Postgraduate Institute of Science Research Congress*, University of Peradeniya, Sri Lanka.
6. Eeriyawala, E.H.C.M., Attanayake, A.M.A.S., Gunaratne, A.M.T.A. & Ariyaratna, H.A.C.K. Pollen Biology and Stigma Receptivity of *Osbeckia Lanata* Alston. (Melastomataceae). *The*

Postgraduate Institute of Science Research Congress,07, Pp.137, Postgraduate Institute of Science, University of Peradeniya, Sri Lanka.

7. Weerahewa, D.& Rajapaksha, S. (2020). Cytological changes and some postharvest quality traits of leeks grown in soil incorporated with partially burnt rice hull as a low-cost silicon source. *Acta Horticulture* 1278. ISHS 2020. DOI 10.17660/ActaHortic.2020.1278.5 Proc. *IV International Conference on Postharvest and Quality Management of Horticultural Products of Interest for Tropical Regions*.
8. Weerahewa, D. & Wicramasekara, I. (2020). Preharvest application of Silicon reduces internal Browning development of pineapple (*Ananas comosus* cv.Mauritius)during cold storage: A novel approach.*Acta Horticulture* 1278. ISHS 2020. DOI 10.17660/ActaHortic.2020.1278.6 Proc. *IV International Conference on Postharvest and Quality Management of Horticultural Products of Interest for Tropical Regions*.

DEPARTMENT OF CHEMISTRY

Books/Book Chapters

1. De Zoysa, M. N. K. & Hettiarachchi, S.R. (2020). Engagement of Learners in Discussion Forums. In S.P. Karunanayaka, & S. Naidu (Ed.s), *Pathways to Open Educational Practices*, Pp. 56-82, The Open University of Sri Lanka,Nawala.

Journal Publications

1. Dushanan, R., Weerasinghe, S., Dissanayake, D. P. & Senthilnithy, R. (2020). Cracking a cancer code histone deacetylation in epigenetic: the implication from molecular dynamics simulations on efficacy assessment of histone deacetylase inhibitors. *Journal of Biomolecular Structure and Dynamics*.<http://doi.org/10.1080/07391102.2020.1838328>.
2. Thanippuli, A. D. H., Wijesekera, G. I. P., Costa, M. D. P. De., &Senthilnithy, R. (2020). Amino and chloro derivatives of 1, 10-phenanthroline as turn-off fluorescence sensors for selective and sensitive detection of Fe(II). *Journal of Photochemistry & Photobiology, A: Chemistry*, 402, 112805
3. Hemalika, D. V. D. & Chandrika, U. G. (2020). Anti-dengue effects of medicinal plants: A review. *International Journal of Herbal Medicine*, 8(6), 50–56. <https://doi.org/https://doi.org/10.22271/flora.2020.v8.i6a.706>
4. Jayalath K.G., Deeyamulla, M. P. & De Silva, R. C. L. (2020). Atmospheric deposition of polycyclic aromatic hydrocarbons (PAHs) around two metropolitan areas in Sri Lanka using moss as a biomonitor. *Pollution Research*,39 (3), 626

5. Jayalath K.G., De Silva, R. C. L. & Deeyamulla, M. P. (2020). Phyto-extraction of chromium from polluted terrestrial environments by *Talinum triangulare* (Ceylon Spinach) and the effect of external chelators on the chromium extraction potential. *Research Journal of Chemistry and Environment*, 24 (12), 19
6. Wijeweera, A.A., Hewage, J.W., Jayasinghe, G.G., Wadumethrige, S.H., Hettiarachchi, S.R. & Wijesinghe, K.G.G. (2020). Maturity dependence of quality, quantity and chemical constituents of bark and leaf oil of Ceylon Cinnamon (*Cinnamomum zeylanicum* Blume). *Ruhuna Journal of Science*, 11 (1), 1-12
7. Alwis, D.D.D.H., Chandrika, U.G. & Jayaweera, P.M. (2020). Photostability of apocarotenoids on surface of TiO₂ semiconductor nanoparticles. *Journal of Photochemistry and Photobiology A: Chemistry*, Pp.113061
8. Wijesinghe, K.E.H., Dissanayake, R.E.A., Iqbal, S.S., Priyantha, N. & Iqbal, M.C.M. (2020). Adsorption of phosphates from water by two polymer-silicate composites. *Bioremediation Journal*, 24(4), 231-250.
DOI: 10.1080/10889868.2020.1811631
9. Perera, S. D. (2020). Synthesis of homo and heteroleptic Cu(I) complexes with chelating N and P donor ligands. *Rajarata University Journal*, 5 (1), 29-34
10. Perera, S. D. (2020). Synthesis of cyclometallated Pt(II) complexes of a bulky bipyridine ligand. *OUSL Journal*, 15 (1), 27-42
11. Munasinghe, S. P., Somaratne, S., Weerakoon, S. R. & Ranasinghe, C. (2020). Prediction of chemical composition for callus production in *Gyrinops walla* Gaertner through machine learning. *Information Processing in Agriculture*, 7 (4), 511-522
12. Wijesekera, G.I.P., Arachchi, D.H.T., De Costa, M.D.P. & Senthilnithy, R. (2020). Protonated 1,10-Phenanthroline as a fluorescent sensor for Fe (II) at micro molar level detections. *FITI -2020: SLAAS/SLIC Conference on FROM INNOVATION TO IMPACT*, Colombo; IEEE
13. Perera M, Wijenayaka L. A., Siriwardana K., Dahanayake D. & Nalin de Silva K. M. (2020). Gold nanoparticle decorated titania for sustainable environmental remediation: green synthesis, enhanced surface adsorption and synergistic photocatalysis. *RSC Adv.* 10, 29594–29602, Doi:10.1039/D0RA05607C)
14. Harder R. A., Wijenayaka L. A., Phan H. T. & Haes A. J. Tuning gold nanostar morphology for the SERS detection of uranyl. *J. Raman Spectrosc.* Doi: <https://doi.org/10.1002/jrs.5994>

Conference proceedings/abstracts/extended abstracts

1. Paligaspe, G. M. P. R., Weerasinghe, S., Dissanayake, D. P. & Senthilnithy, R. (2020). Identification of the most favorable binding site of PKM2 enzyme for as(III): QM/MM and MD studies. *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala, 119
2. Thanippuli, A. D. H., Costa, M. D. P. De. & Senthilnithy, R. (2020). Effect of pH on the fluorescence quenching of 5-chloro-1, 10 phenanthroline by Fe(II). *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala, 121
3. Wickramasinghe, G. C., Perera, V. P. S. & Senthilnithy, R. (2020). Synthesis and characterization of nanostructured P-type cuprous oxide using Benedict's solution. *Open University Research Sessions 2020 (OURS)*, The Open University of Sri Lanka, Nawala, 126
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10. Wickramasinghe G. C., Nupearachchi C. N., Perera V. P. S. & Senthilnithy, R. (2020). Enhancement of Photovoltaic Performance of Dye Sensitized Solar Cells by Acidifying of Anthocyanin Containing in Erabadu Dye. *1st International Conference, FICT*, 97

11. Dushanan, R., Weerasinghe, S., Dissanayake, D. P. & Senthilnithy, R. (2020). QM/MM studies on Inhibition of Histone Deacetylation. *1st International Conference, FICT*, 98
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DEPARTMENT OF MATHEMATICS

Books/Book Chapters

None

Journal Publications

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Conference proceedings/abstracts/extended abstracts

1. Gnanapragasam, S.R. (2020). Time series behaviour of Indian visitors to Sri Lanka: A post conflict perception, *Proceedings of 7th Ruhuna International Sciences & Technology Conference*, Pp. 64. ISSN: 1391-8796

DEPARTMENT OF PHYSICS

Books/Book Chapters

None

Journal Publications

1. Dissanayake, M.A.K.L., Jaseetharan, T., Senadeera, G.K.R. & Kumari, J.M.K.W. (2020). Efficiency enhancement in PbS/CdS quantum dot-sensitized solar cells by plasmonic Ag nanoparticles. *Journal of Solid-State Electrochemistry*, 24, Pp.283-292. SCI/SCIE, IF: 2.531, SJR: 0.610
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6. Shashantha, H.T.G., Sarangika, H.N.M., Perera, V.P.S., Dissanayake, M.A.K.L., Senadeera, G.K.R. & Kumari, J.M.K.W. (2020). Gel polymer electrolytes based on fumed silica filler for magnesium batteries. National Institute of Fundamental Studies. *National Conference on Multidisciplinary Research 2020*, Virtual postgraduate symposium.
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DEPARTMENT OF ZOOLOGY

Books/Book Chapters

None

Journal Publications

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2. Punchihewa, N.N. (2020). The effect of temperature on reproductive cycles, growth and Survival of two estuarine mysid species. *International Journal of Fisheries and Aquatic Research*, 5 (2), 38-45
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7. Silva, S.G.T.M., Dahanayaka, D.D.G.L. & Wijeyaratne, M.J.S. (2020), A remote sensing approach for assessing the invasion of *Najas marina* in Madu Ganga Estuary, Sri Lanka. *International Journal of Aquatic Biology*, 8(5), 377-382
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11. Faleel, R.A. & Jayawardena, U.A. (2020). A review. Progression of the etiologies of chronic kidney disease of unknown etiology. *Journal of Environmental and Public Health. Part C*, 38(4), 1-12
12. Thathsarani, N., Nayanajeehwi, G., Jayawardena, U., Nilakarawasam, N. & Jayasinghe, C.D. (2020). Cancer chemoprevention through functional food of plant origin. *A review Asian Journal of Pharmacy and Pharmacology*, 6(2), 132-143
13. Rajapaksha, C., Amarasinghe, A. P., Fernando, S., Rajapakse, R. P. V. J., Tappe, D. & Wickramasinghe, S. (2020). Morphological and molecular description of *Armillifer moniliformis* larvae isolated from Sri Lankan brown palm civet (*Paradoxurus montanus*). *Parasitology Research* 119, 773–781. <https://doi.org/10.1007/s00436-019-06581-7>
14. Galappaththi, M.C.A., Fernando, T.S.P. & Padmalal, U.K.G.K. (2020). An overview of the Human–Elephant Conflict in Tissamaharamaya, Hambantota District, Sri Lanka. *Taprobanica*, 9 (02), 210–216
15. Kotagama, O., Fernando, V. A. K., Yapa, W.B. & Fernando, T. S. P. (2020). Host parasite interactions of bats in the Wavulgalgae Cave; a cave in Wallawaya, Sri Lanka. *WILDLANKA*, 8 (3), 100 - 107

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2. Ranasinghe, R.P.T.I, Fernando, T.S.P. & Wijesinghe, M.R. (2020). Alterations in colour development induced by environmentally relevant levels of lead and cadmium in hatchlings of the Japanese Quail (*Coturnix japonica*). *40th Annual sessions of Institute of Biology*, Sri Lanka.
3. Ranasinghe, R.P.T.I., Fernando, T.S.P. & Wijesinghe, M.R. (2020). Effects of exposure of dietary lead and cadmium on vocalization of hatchlings of the Japanese Quail (*Coturnix japonica*). *40th Annual sessions of Institute of Biology*, Sri Lanka.
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7. Kapukotuwa, R.W.M.G.K., Jayasena, N., Abayasekara, C. L., Weerakoon, K. C. & Rajakaruna, R.S. (2020). Microplastics in stream water and sediments of Rawan - Oya tributary of Mahaweli River in Kandy District. *Postgraduate institute of Science Research Congress*, Sri Lanka, 67
8. Rathnasri, P.A.S.A., Jayasiri, H.B. & Dahanayaka, D.D.G.L. (2020). Diversity, Abundance and Composition of Phytoplankton in Coastal Waters of Off Crow Island Beach Park with Reference to Physico-Chemical Parameters. *Research Symposium of the Ocean University of Sri Lanka-2020*, Pp. 39
9. Sujeewani, S.A.S., Amarathunga, A.A.D. & Dahanayaka, D.D.G.L. (2020). Assessment of Marine Litter in Selected Beaches of Southern and Western Part of Sri Lanka. *Research Symposium of the Ocean University of Sri Lanka-2020*, Pp. 27

10. Abeysinghe, H., Dahanayaka D.D.G.L. & Wickramasinghe, D. (2020). A preliminary study on human influence on the water quality of the Koggala Lagoon, Sri Lanka. *International Conference on Frontiers in Chemical Technology*, Institute of Chemistry Ceylon, Sri Lanka, Pp. 95

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12. Abeysinghe, H., Dahanayaka D.D.G.L. & Wickramasinghe, D. (2020) Chlorophyll-a estimation of Koggala Lagoon using Remote Sensing. *40th Annual Sessions of the Institute of Biology*, Sri Lanka, Pp 32

13. Suwandhahannadi, W.K., Amarathunga, A.A.D. & Dahanayaka, D.D.G.L. (2020). Temporal variation of physico-chemical parameters and primary productivity in Malala Lagoon. *Proceedings of NARA Scientific Sessions 2020*, Pp. 18

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15. Suwandhahannadi, W.K., Amarathunga, A.A.D. & Dahanayaka, D.D.G.L. (2020). Composition, Density and Diversity of Plankton in Malala Lagoon, Southern Sri Lanka. *Scientific Sessions of the Sri Lanka Association for Fisheries and Aquatic Resources (SLAFAR)*, University of Kelaniya, Sri Lanka, Pp. 8

16. Illukthanna, U., Dassanayake, G., Ozawa, S., Minato A. & Dahanayaka, D.D.G.L. (2020). Planning and Implementation of the Knowledge Integration Server System for E-Learning (KISSEL) using Cloud Environment. *International Conference on Teaching, Education & Learning*, Tokyo, Japan.

17. Premarathna, A.D., Ranahewa, T.H., Wijesekera, S.K., Harishchandra, D.L., Kaunathilake, K.J.K., Waduge, R.N., Wijesundara, R.R.M.K.K., Jayasooriya, A.P., Wijewardana, V. & Rajapakse, R.P.V.J. (2020). Preliminary screening of the aqueous extracts of twenty-three different seaweed species in Sri Lanka with in-vitro and in-vivo assays. *Heliyon* 2020, 6, e03918

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19. Abarna, K., Patrick, A.E.S.& Jayawardena, U.A. (2020). Higher Propagation Success of *Poecilia Reticulata* (Live Bearer) Than *Betta Splendens* (Egg Layer). *Hard Water Environment in Semi-Natural Aquaria. First Annual Research Session Lanka*, Faculty of Applied Science, Vavuniya Campus, University of Jaffna, 38
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21. Weerawardhana, M.A.B.S., Fernando, T.S.P. & Balasuriya, D.N. (2020). A sensor for detecting elephants using their urine; a case study. *WILDLANKA international Symposium*, Pp. 15
22. Payagala, T.R., De Silva, M.D., Edirisinghe, C.K., Fernando, T.S.P., Padmalal, U.K.G.K.& Illeperuma, G.D. (2020). Developing a Low-Cost Semi-Autonomous Electric Fence Monitoring System. *WILDLANKA international Symposium*, Pp. 16
23. Tennakoon, T.K., Somarathna, L., Wijesinghe, M.R., Ranawaka, G.R., & Fernando, T.S.P. (2020).Morphometric variation between *Rattus* species in Sri Lanka and its taxonomic implications. *WILDLANKA international Symposium*, Pp. 17

DEPARTMENT OF COMPUTER SCIENCE

Books/Book Chapters

None

Journal Publications

None

Conference proceedings/abstracts/extended abstracts

- 1) Samarasinghe, S. W. A. M. D., Meegama, R. G. N., & Punchimudiyanse, M., (2020). Machine Learning Approach for the Detection of Hate Speech in Sinhala Unicode Text. *International Conference on Advances in ICT for Emerging Regions (ICTer 2020)*, Pp. 15

POSTGRADUATE INSTITUTE OF ENGLISH

POSTGRADUATE INSTITUTE OF ENGLISH

	Books/ Book Chapters	Journal Publications	Conference proceedings/ abstracts/Extended abstracts
Total	2	6	2

Books/ Book Chapters

1. Rambukwella, H. (2020). "The representational burden of ethno-nationalist violence in Sri Lanka", In P. K.Malreddy, A. S. Purakayastha & B. Heidermann (Eds.), *Violence in South Asia: Contemporary Perspectives*.New York: Routledge.
2. Mendis, D.& Rambukwella,H. (2020). "Sri Lankan Englishes", In A. Kirkpatrick (Ed.), *The Routledge Handbook of World Englishes (Second Edition)*. New York: Routledge.

Journal Publications

1. Schreiber, B.R. & Jansz, M. (2020). Reducing distance through online collaboration. *ELT Journal*, 74(1), Pp 63-72. <https://doi.org/10.1093/elt/ccz045>
2. Herath, S.M. (2020). The impact of language learning experiences on language teachers' professional practices: a case study of two language biographies. *Sri Lanka Journal of Social Sciences*, 43(2), Pp.73–84. DOI: <http://doi.org/10.4038/sljss.v43i2.7952>
3. Ranasuriya, D.L. & Herath, S.M. (2020). A Needs Analysis on the language skills required by the industry from vocational graduates. *Sri Lanka Journal of Social Sciences*, 43(2), Pp.85–98. DOI: <http://doi.org/10.4038/sljss.v43i2.7932>
4. Herath, S. (2020). Inclusivity and Diversity in ELT Material: Critical Textual Analysis as a Pedagogical Tool. *OUSL Journal*, 15(1), Pp.7–25. DOI: <http://doi.org/10.4038/ouslj.v15i1.7470>
5. Herath, S. (2020). The discursive construction of ethnic hierarchies in textbooks in a time of post-conflict reconciliation, *Compare: A Journal of Comparative and International Education*. DOI: 10.1080/03057925.2019.1709804
6. Valencia, M., Herath, S. & Gagné, A. (2020). Unpacking professional identity: The use of multimodal identity texts and duoethnographies in language teacher education. In Yazan, B. & Lindahl, K (Eds.) *Language Teacher Identity in TESOL: Teacher Education and Practice as Identity Work*. Oxford: Taylor & Francis.

Conference proceedings/abstracts/extended abstracts

1. Seneviratne, S. K. (2020). Rethinking the ‘good receipt’ in All’s Well That Ends Well. *Essays in Criticism* 70(2), 160–177. DOI <https://doi.org/10.1093/escrit/cgaa003>
2. Seneviratne, S. K. (2020). Ariel’s bodies in the RSC *Tempest* (2016). *Intersections in Shakespeare*, Asian Shakespeare Association, Seoul, South Korea.

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

CENTRE FOR EDUCATIONAL TECHNOLOGY & MEDIA (CETMe)

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

Books/Book Chapters

None

Journal Publications

1. Jayatilleke, B. G. (2020). Reflections on 40 Years of teaching through Open and Distance Learning: A case study of the Open University of Sri Lanka. *Vistas Journal* ,13(2)
2. Jayatilleke, B. G. & Kulasekara, G. U. (2020). Forty Years of Distance Education: Challenges and implications at the Open University of Sri Lanka. *Open Praxis*, 12 (3), Pp. 311–327, ISSN 2304-070X. DOI:<http://dx.doi.org/10.5944/openpraxis.12.3.1122>
3. Premarathne, U.S. & Rajasingham, S. (2020). Trust based multi-agent cooperative load balancing system (TCLBS). *Future Generation Computer Systems*, 112, Pp. 185-192
4. Pullenayegem, J. C. N., De Silva, K. R. M. & Jayatilleke, B. G. (2020). Open and Distance Learner Engagement with Online Mediation Tools: An Activity Theory Analysis. *Open Praxis*, 12(4), 469-483, ISSN 2304-070X

Conference proceedings/abstracts/extended abstracts

1. Gunawardena, C., Jayatilleke, G., Kulasekara, G. & Kumarasinha, M. (2020). Distributed Co-Mentoring as a Means to Develop Culturally Inclusive Online Learning Communities. In M. Brown, M. Nic Giolla Mhichil, E. Beirne, & E. Costello(eds.). *Proceedings of the 2019 ICDE World Conference on Online Learning,1*, Pp. 389-400, Dublin, Ireland: Dublin City University. <http://dx.doi.org/10.5281/zenodo.3804014>
2. Jayakody, M. K. (2020). A Study of Challenges Related to Online Teaching-Learning in Schools. *Open University Research Session 2020 (OURS)*, The Open University of Sri Lanka, Nawala, Sri Lanka. <https://www.ou.ac.lk/home/images/Research/publications/Conference%20Proceeding-OURS%202020%20.pdf>
3. Jayatilleke, B. G., Ranawaka, G.R. & Wijesekera, G.G.W.C. (2020). Summative Evaluation of a Mobile Learning Application using a tablet computer: Experiences of Health Science Undergraduate Learners. *The Open University Research Session 2020*

(OURS),The Open University of Sri Lanka,
Nawala.<https://www.ou.ac.lk/home/images/Research/publications/Conference%20Proceeding-OURS%202020%20.pdf>

4. Perera, S. N. & Rajasingham, S. (2020). Game based learning Approach for Virtual Programming Laboratory Classes. *The Open University Research Session 2020 (OURS)*, The Open University of Sri Lanka,Nawala.<https://www.ou.ac.lk/home/images/Research/publications/Conference%20Proceeding-OURS%202020%20.pdf>

LIBRARY

LIBRARY

	Books/ Book Chapters	Journal Publications	Conference proceedings /abstracts/ extended abstracts
Total	0	4	1

Books/Book Chapters

None

Journal Publications

1. Gunasekera, D. & Samarakoon, M. (2020). The reflective practice for sustainable future: a case study focusing the library of Buddhist and Pali University of Sri Lanka. *International Journal of Librarianship*, 5(2), 45-60. <https://doi.org/10.23974/ijol.2020.vol5.2.171>
2. Amarasekara, K. M. R. K. & Marasinghe, M. M. I. K. (2020). User Satisfaction on library resources and services: survey conducted in main library of the Open University of Sri Lanka. *Journal of the University Librarians Association of Sri Lanka*, 23(2)
3. Kaushamalika, P.K.M. & Weerakoon, W.R.W.M.A.U. (2020). Students' satisfaction with library services and facilities at three regional center libraries of the Open University of Sri Lanka. *Journal of the University Librarians Association of Sri Lanka*, 23(1), Pp.37–56. <https://doi.org/10.4038/jula.v23i1.7965>
4. Marasinghe, M. M. I. K. (2020). Trend analysis of library book circulation of the Open University of Sri Lanka. *Journal of the University Librarians Association of Sri Lanka*, 23(1).

Conference proceedings/abstracts/extended abstracts

1. Gunasekera, D. (2020). A study on learner perceptions on selected support services in two dual mode universities. *08th International Conference on Social Science and Humanities*, Global Academic Research Institute, Colombo

**CENTRE FOR ENVIRONMENTAL
STUDIES AND SUSTAINABLE
DEVELOPMENT (CESSD)**

**CENTRE FOR ENVIRONMENTAL STUDIES AND SUSTAINABLE DEVELOPMENT
(CESSD)**

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

Books/Book Chapters

None

Journal Publications

- 1) Dias, S.N.C.M. (2020). Cascade irrigation tank system: an adaptation strategy for climate change and a sustainable ecosystem, *Climate Change Adaptation: Evidences from Best-Practice in Coastal Area*. Dhaka, Bangladesh.
- 2) Mahagamage, M. G. Y. L. & Jayakody, S. (2020). Influence of current culture practices on disease outbreaks in shrimp farms located in North Western Province of Sri Lanka. *Egyptian Journal of Aquatic Biology and Fisheries*, 24(7), 453-469
- 3) Mahagamage, M. G. Y. L., Pathirage, M. V. S. C. & Manage, P. M. (2020). Contamination Status of Salmonella spp., Shigella spp. and Campylobacter spp. in Surface and Groundwater of the Kelani River Basin, Sri Lanka. *Water*, 12(8), 2187
- 4) Manage, P., Mahagamage, Y. L., Ajward, R., Amaratunge, S. & Amarathunga, V. I. (2020). The need for proper management leading to the sustainability of the Kelani River and its lower basin. *Journal of Water and Land Development*, X-XII, 10-15

Conference proceedings/abstracts/extended abstracts

None

REGIONAL EDUCATION SERVICES

REGIONAL EDUCATION SERVICES

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

Books/Book Chapters

None

Journal Publications

None

Conference proceedings/abstracts/extended abstracts

None

**ADMINISTRATIVE STAFF &
OTHER**

ADMINISTRATIVE STAFF & OTHER

Division	Books/ Book Chapters	Journal Publications	Conference proceedings /abstracts/ extended abstracts
Finance Division	0	0	0
Students Affairs and Welfare Division	0	0	0
Legal & Documentation Division	0	0	1
Operations Division	0	1	0
Total	0	1	1

FINANCE DIVISION

Books/Book Chapters

None

Journal Publications

None

Conference proceedings/abstracts/extended abstracts

None

STUDENTS AFFAIRS AND WELFARE DIVISION

Books/Book Chapters

None

Journal Publications

None

Conference proceedings/abstracts/extended abstracts

None

LEGAL AND DOCUMENTATION DIVISION

Books/Book Chapters

None

Journal Publications

None

Conference proceedings/abstracts/extended abstracts

1. Rajapakse, R.L.W. (2020). A Critical Evaluation of the Effectiveness of the Retirement Benefit Schemes in Labour Legislations of Sri Lanka. *17th International Conference on Business Management (ICBM 2020)*, University of Sri Jayawardenapura, Sri Lanka.

Operation DIVISION

Books/Book Chapters

None

Journal Publications

1. Somaratna, B.M.P. (2020). Students' Choice of Higher Educational Institutes; Analysis of Factors in the Sri Lankan Context. *International Journal of Engineering Applied Sciences and Technology*, 5(8), Pp. 9-14, 2455-2143

Conference proceedings/abstracts/extended abstracts

None

SUMMARY

RESEARCH PUBLICATIONS OF OUSL – ACADEMIC STAFF IN 2019

Faculty/ Institute/ Division	Books/ Book Chapters	Journal Publications	Conference Proceedings/ Abstracts/ Extended abstracts
Education	7	13	15
Engineering Technology	11	44	49
Health Sciences	-	18	45
Humanities and Social Sciences	5	25	47
Faculty of Management	1	18	27
Natural Sciences	1	58	71
Postgraduate Institute of English	2	6	2
Centre for Educational Technology and Media (CET-me)	-	4	4
Library	-	4	1
Centre for Environmental Studies and Sustainable Development(CESSD)	-	4	-
Regional Educational Services (RES)	-	--	--
Administrative Staff	-	1	1
Total	27	195	262