RESEARCH PUBLICATIONS OF OUSL STAFF IN 2018

THE OPEN UNIVERSITY OF SRI LANKA
RESEARCH PUBLICATIONS OF OUSL STAFF- 2018

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 2018. These publications have been made from the various research collaborations from OUSL staff through several research grants nationally and internationally in year 2018. 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 2018. 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 17 books/book chapters, 98 journal articles and 252 conference proceedings were published by the OUSL staff in year 2018.

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

The assistance provided by Ms. Jitha Nipunika in collecting and compiling this dataset is greatly acknowledged.

Prof. S.R Weerakoon
Director/Research
The Open University of Sri Lanka
03rd March 2020
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### DEPARTMENT 0F EARLY CHILDHOOD & PRIMARY EDUCATION

**Books/Book Chapters**

None

**Journal Publications**

None

**Conference proceedings/abstracts/extended abstracts**

1. Chathurika. D (2018). Teachers awareness on effective classroom management strategies when teaching at primary classes (With Reference to Gampaha and Anuradhapura Zone), *International Conference on Social Sciences, Arts, Business and Education (ICSSABE)*, Bangalore


### DEPARTMENT OF SECONDARY & TERTIARY EDUCATION

**Books/Book Chapters**

None

**Journal Publications**

None


Conference proceedings/abstracts/extended abstracts


**DEPARTMENT OF SPECIAL NEEDS EDUCATION**

**Books/Book Chapters**

None

**Journal Publications**


**Conference proceedings/abstracts/extended abstracts**

FACULTY OF ENGINEERING TECHNOLOGY
FACULTY OF ENGINEERING TECHNOLOGY

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DEPARTMENT OF AGRICULTURAL AND PLANTATION ENGINEERING

Books/Book Chapters

None

Journal Publications


Conference proceedings/abstracts/extended abstracts


DEPARTMENT OF CIVIL ENGINEERING

Books/Book Chapters

None

Journal Publications


Conference proceedings/abstracts/extended abstracts


**DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING**

**Books/Book Chapters**


**Journal Publications**


Conference proceedings/abstracts/extended abstracts


14
DEPARTMENT OF MATHEMATICS & PHILOSOPHY OF ENGINEERING

Books/Book Chapters

None

Journal Publications


Conference proceedings/abstracts/extended abstracts


DEPARTMENT OF MECHANICAL ENGINEERING

Books/Book Chapters

None

Journal Publications


**Conference proceedings/abstracts/extended abstracts**


**DEPARTMENT OF TEXTILE AND APPAREL TECHNOLOGY**

**Books/Book Chapters**

None

**Journal Publications**

16


Conference proceedings/abstracts/extended abstracts


FACULTY OF HEALTH SCIENCES
## FACULTY OF HEALTH SCIENCES

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## DEPARTMENT OF BASIC SCIENCES

### Books/Book Chapters
None

### Journal Publications
None

### Conference proceedings/abstracts/extended abstracts


**DEPARTMENT OF MEDICAL LABORATORY SCIENCES**

Books/Book Chapters

None
Journals


Conference proceedings/abstracts/extended abstracts


**DEPARTMENT OF NURSING**

**Books/Book Chapters**

None

**Journal Publications**


**Conference proceedings/abstracts/extended abstracts**


Teaching Hospital Kandy. *Proceedings of 1st Symposium of Faculty of Allied Health Sciences of University of Ruhuna*, 62.


DEPARTMENT OF PHARMACY

Books/Book Chapters

None

Journals


Conference proceedings/abstracts/extended abstracts


DEPARTMENT OF PSYCHOLOGY AND COUNSELING

Books/Book Chapters

None

Journals


Conference proceedings/abstracts/extended abstracts

University Students with Social Anxiety Disorder. Annual Research Symposium of University of Colombo.


FACULTY OF
HUMANITIES AND SOCIAL SCIENCES
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DEPARTMENT OF LANGUAGE STUDIES

Books/Book Chapters

None

Journal Publications


Conference proceedings/abstracts/extended abstracts


**DEPARTMENT OF LEGAL STUDIES**

**Books/Book Chapters**


Journal Publications


Conference proceedings/abstracts/extended abstracts


and Human rights Law. 4th World Conference on Women’s Studies. Taj Samudra Hotel, Colombo. Sri Lanka.


DEPARTMENT OF SOCIAL STUDIES

Books/Book Chapters


Journal Publications


Conference proceedings/abstracts/extended abstracts.


FACULTY OF MANAGEMENT STUDIES
FACULTY OF MANAGEMENT STUDIES

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**Books/Book Chapters**


Journal Publications


**Conference proceedings/abstracts/extended abstracts**


FACULTY OF NATURAL SCIENCES

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DEPARTMENT OF BOTANY

Books/Book Chapters


**Journal Publications**


Conference proceedings/abstracts/extended abstracts


13. Sudeshika, S.H.T., Anthypillai, C.N., Hettiarachchi, T.W., Badurdeen, M.Z.,
Fernando, W.B.N.T., Abeyesundara, H.T.K., Kumucdumali, D.P.G.S., Hemage,
(2018). Prevalence of Bone Biomarkers in ChronicKidney Disease of Unknown
Etiology, SriLanka.40thAnnual Academic Sessions, The Kandy Society of Medicine,
20

in Science & Technology, Nanyang Technological University, Nanyang Executive
Centre, Singapore.

Dust for Processing Biological Composition (Micro Fossils): A Review on
Metamorphic and Sedimentary Petrology of Polonnaruwa (Sri Lanka) Meteorite
Stone. 5th International Conference "Geography, Environment and GIS, for students
and young researchers", Department of Geography- Valahia University of
Targoviste,Romania.


DEPARTMENT OF CHEMISTRY

Books/Book Chapters
None

Journal Publications

Karam, T. E., Smith, H. T., & Haber, L. H. (2018), Monitoring the Seed-Mediated
Growth of Gold Nanoparticles Using in Situ Second Harmonic Generation and

2. Somarathna, T., Fernando, W.M.A.D., Ranaweera, K., Premakumara, G.A.,
Abeyesinghe, T., & Weerakkody, N. (2018). Antimicrobial activity and
phytochemical screening of Alpinia malaccensis (Ran-kiriya) against food-borne
bacteria. Journal of Applied Microbiology, 125, 1276-1285.

Conference proceedings /Abstracts/ Extended Abstracts


**DEPARTMENT OF COMPUTER SCIENCE**

Books/Book Chapters

None

Journals Publications

None

Conference proceedings/abstracts/extended abstracts.

None

**DEPARTMENT OF MATHEMATICS**

Books/Book Chapters

Journal Publications


Conference proceedings/ Abstracts/ Extended Abstracts


DEPARTMENT OF PHYSICS

Books/Book Chapter

None

Journal Publications


Conference proceedings/ Abstracts/ Extended Abstracts


Solar Asia 2018 Int. Conf., Institute of Fundamental Studies, Kandy, Sri Lanka, 159-163.


**DEPARTMENT OF ZOOLOGY**

**Books/Book Chapters**

None

**Journals Publications**


**Conference proceedings/abstracts/extended abstracts**


Annual Research Symposium –2018, Faculty of Science, University of Colombo, 230.


Books/Book Chapters


Journals Publications


Conference proceedings/abstracts/extended abstracts


CENTRE FOR EDUCATIONAL TECHNOLOGY & MEDIA (CETMe)

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**Books/Book Chapters**

None

**Journal Publications**


**Conference proceedings/abstracts/extended abstracts**

None
LIBRARY

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Books / Book Chapters

None

Journal Publications


Conference proceedings/abstracts/extended abstracts


REGIONAL EDUCATIONAL SERVICES

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**Books/Book Chapters**
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**Journal Publications**
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