RESEARCH PUBLICATIONS OF OUSL ACADEMIC STAFF - 2016

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 materials published in conferences and workshop papers presented in 2016. These publications have been made from the various research collaborations from OUSL academics through several research grants nationally and internationally in year 2016. 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 the each Faculty/Institute/Division that details all of the material published, and conference and workshop papers presented by OUSL staff in 2016. The summary of the publications of the each Faculty/Institute/Division is separately documented. The final section contains a summary of the all publications of the Open University of Sri Lanka. I am happy to inform you that the total of 12 books/book chapters, 34 publications in indexed Journals, 125 journal articles in refereed Journals and 196 conference proceedings were published by the OUSL academic staff in year 2016.

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 with the Strategic Management Plan of 2017-2020.

The services from Dr. Prasanna Dharmapriya and Mr. Pasan Herath (both are demonstrators of Department of Physics) to collection and compilation of this dataset are greatly acknowledged.

Prof. G.W.A.R. Fernando  
Director/Research  
The Open University of Sri Lanka  
30th March 2017
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DEPARTMENT OF SECONDARY & TERTIARY EDUCATION

Books/Book Chapters


Publications with Impact Factor Citations

None

Publications/ (no impact factor)


Conference proceedings/abstracts/extended abstracts


DEPARTMENT EARLY CHILDHOOD & PRIMARY EDUCATION

Books/Book Chapters

None

Publications with Impact Factor Citations


Publications/ (no impact factor)


Conference proceedings/abstracts/extended abstracts

DEPARTMENT OF SPECIAL NEEDS EDUCATION

Books/Book Chapters

None

Publications with Impact Factor Citations

None

Publications/ (no impact factor)


Conference proceedings/abstracts/extended abstracts


8. Ketheeswaran, K. (2016), Usage of the Smart Phones for Learning Purposes by Students Who Follows 'Diploma in Commonwealth Youth Development Programmes' in the Colombo and Batticaloa Centres of the Open University of Sri Lanka, 4\textsuperscript{th} International Conference Eastern University, Sri Lanka., p.45.


FACULTY OF ENGINEERING TECHNOLOGY
## Department of Agriculture and Plantation Engineering

**Books/Book Chapters**: None

**Publications with Impact Factor Citations**


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### Faculty of Engineering Technology

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Publications/ (no impact factor)


Conference proceedings/abstracts/extended abstracts


DEPARTMENT OF CIVIL ENGINEERING

Books/Book Chapters
None

Publications with Impact Factor Citations
None

Publications/ (no impact factor)


Conference proceedings/abstracts/extended abstracts


DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Books/Book Chapters

Publications with Impact Factor Citations


Publications/ (no impact factor)

Conference proceedings/abstracts/extended abstracts


**DEPARTMENT OF MATHS & PHILOSOPHY OF ENGINEERING**

**Books/Book Chapters**

None

**Publications with Impact Factor Citations**


**Publications/ (no impact factor)**


Conference proceedings/abstracts/extended abstracts

1. Yapa, P.Y.A.G.S. and D.A. Tantrigoda, (2016). Modeling of gravity anomalies over a sedimentary basin having a horizontal igneous layer intruded into it, Sri Lanka Association for the Advancement of Science (SLAAS) Proceedings of the 72nd Annual Sessions

DEPARTMENT OF MECHANICAL ENGINEERING

Books/Book Chapters

None

Publications with Impact Factor Citations

None

Publications/ (no impact factor)


Conference proceedings/abstracts/extended abstracts


DEPARTMENT OF TEXTILE AND APPAREL TECHNOLOGY

Books/Book Chapters

None

Publications with Impact Factor Citations

None

23
Publications/ (no impact factor)


Conference proceedings/abstracts/extended abstracts


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## DEPARTMENT OF BASIC SCIENCES

**Books/Book Chapters**

None

**Publications with Impact Factor Citations**

1. Mahtab Ahmad, Yong Sik Ok, Anushka Upamali Rajapaksha, Jung Eun Lim, Byung-Yong Kim, Jae-Hyung Ahn, Young Han Lee, Mohammad I Al-Wabel, Sung-Eun Lee, Sang Soo Lee (2016). Lead and copper immobilization in a shooting range soil using soybean stover-and pine needle-derived biochars: chemical, microbial and

2. Chen Liu, Honglan Wang, Xiangyu Tang, Zhuo Guan, Brian J Reid, Anushka Upamali Rajapaksha, Yong Sik Ok, Hui Sun (2016). Biochar increased water holding capacity but accelerated organic carbon leaching from a sloping farmland soil in China, Environmental Science and Pollution Research, 23(2), 995-1006 (Impact factor: 2.76)


Publications/ (no impact factor)


Conference proceedings/abstracts/extended abstracts

None

DEPARTMENT OF MEDICAL LABORATORY SCIENCES

Books/Book Chapters

None

Publications with Impact Factor Citations
Publications/ (no impact factor)


Conference proceedings/abstracts/extended abstracts


DEPARTMENT OF NURSING

Books/Book Chapters

None

Publications with Impact Factor Citations


Publications/ (no impact factor)


Conference proceedings/abstracts/extended abstracts


DEPARTMENT OF PHARMACY

Books/Book Chapters

None

Publications with Impact Factor Citations

None
Publications/ (no impact factor)

None

Conference proceedings/abstracts/extended abstracts


DEPARTMENT OF PSYCHOLOGY AND COUNSELING

Books/Book Chapters

None

Publications with Impact Factor Citations

None

Publications/ (no impact factor)

None

Conference proceedings/abstracts/extended abstracts


FACULTY OF
HUMANITIES AND SOCIAL SCIENCES
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HUMANITIES AND SOCIAL SCIENCES

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DEPARTMENT OF LANGUAGE STUDIES

Books/Book Chapters

None

Publications with Impact Factor Citations

None

Publications/ (no impact factor)

None

Conference proceedings/abstracts/extended abstracts


5. Ratwatte, H.V. (2016) Is poor competency entirely due to external ‘methods’? Impact of Learner internal beliefs on learning ESL. Proceed to the 14th International Asia TEFL International Conference and 11th FEELTA International Conference. Vladivostok, Russia. 30th June, 2nd July, Far Eastern Federal University.


DEPARTMENT OF LEGAL STUDIES

Books/Book Chapters

None

Publications with Impact Factor Citations

None

Publications/ (no impact factor)


**Conference proceedings/abstracts/extended abstracts**


4. Hewameella, S. (2016). Role of NGO’s and Non State Actors in Contemporary International Law, Proceed. 2\textsuperscript{nd} Annual International Conference on Education – held on 21\textsuperscript{st} – 22\textsuperscript{nd} April 2016 in Bangkok, Thailand.


7. Selvaras, Janaka (2016). Incorporating International Environmental Obligations into Bilateral Investment Treaties: An appraisal on South Asia with special reference to sustainable development Goals (SDGs), Proceed. Young Researcher’s South Asian Symposium (SDGs), New Delhi, India.


17. Geethani Jeewanthis (2016). Discrimination in Property Alienation, 2nd World Conference on Women’s Studies
DEPARTMENT OF MANAGEMENT

Books/Book Chapters

None

Publications with Impact Factor Citations


Publications/ (no impact factor)


entrepreneurs in Colombo district in Sri Lanka - *Journal of Accountancy & Finance, Volume 2 Issue II Published by the Department of Accountancy, Wayamba University of Sri Lanka.*


**Conference proceedings/abstracts/extended abstracts**


7. Abeykoon, M.W.M., Alwis, A.C. (2016). Impact of Students’perceived Quality of Distance Education on Student Satisfaction with Special Reference to Undergraduate Students of Bachelor of Management Studies Degree programme, The Open University of Sri Lanka, Proceed 3rd International conference on contemporary Management (ICCM), Faculty of Management Studies and Commerce, University of Jaffna.
DEPARTMENT OF SOCIAL STUDIES

Books/Book Chapters


Publications with Impact Factor Citations

None

Publications/ (no impact factor)


Conference proceedings/abstracts/extended abstracts

3. Piyaratne, Anton (2016). Ankeliya: Rubbing Along of “Sinhala Buddhist” and “Tamil Hindu” Cultures in an Ethno-Religiously Divided Nation, Proceed. 2nd International Conference of the Faculty of Humanities and Social Sciences under the main theme “Peace, Reconciliation and Development Challenges” ICPRD- 2016 AT University of Ruhuna on 24th and 26th March 2016.


FACULTY OF NATURAL SCIENCES
FACULTY OF NATURAL SCIENCES

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DEPARTMENT OF BOTANY

Books/Book Chapters

3. Weerakoon, Shyama R. (2016). nv\k x@Xq aøjnn îl[Rm sh x’@y~k q#Dm, S. Godage & Sons (PVT.) Ltd, ISBN 978-955-30-7118-7

Publications with Impact Factor Citations


Publications/ (no impact factor)


Conference proceedings/abstracts/extended abstracts

6. Darshani Weerahewa, Sunil Thrikawala, Niranjala Perera and Prasad Dias (2016) Effect of soil application of potassium and silicon on pre and post harvest qualities of tomato (Lycopersicon esculentum L.), capsicum (Capsicum annuum L.) and leeks (Allium porrum L.) Proceedings of NSF Research Summit held on 7-8 July 2016. pg 78


DEPARTMENT OF CHEMISTRY

Books/Book Chapters

None

Publications with Impact Factor Citations


Publications/ (no impact factor)


52


**Conference proceedings/abstracts/extended abstracts**


9. HMP Hewavitharane, MDJS Saparamadu, RG Premaratne, GR Ranawaka and HTR Jayasooriya (2016). Receptivity for malaria transmission in a highly vulnerable

10. Asela S. Dikkumbura, Erica R. Webster, Rachel E. Dorris, Rebecca A. Peebles and Sean A. Peebles (2016). Structures and nuclear quadrupole coupling tensors of 1,2-dichlorethane, 1-chloro-2-fluoroethane and 2,3-dichloropropene studied using microwave spectroscopy and computational chemistry, 251st ACS National Meeting & Exposition, San Diego, California, USA, 13-17 March 2016;


**DEPARTMENT OF MATHEMATICS**

**Books/Book Chapters**

None

**Publications with Impact Factor Citations**


**Publications/ (no impact factor)**


2. Wasana C. Uduwela, Gamini Wijayarathna, An approach to Automate the Relational Database Design Process, IJDMS Journal


Conference proceedings/abstracts/extended abstracts


DEPARTMENT OF PHYSICS

Books/Book Chapters

None

Publications with Impact Factor Citations


Publications/ (no impact factor)


Conference proceedings/abstracts/extended abstracts


7. P.M. Sirimanne, V.P.S.Perera (2016), Multi-dye coated electrodes for solid-state dye sensitized solar cells, EMN Meeting on Photovoltaics 2016, Energy Materials and Nanotechnology, January 18-21, Hong Kong, China


11. R.D. Hettiarachchi, W.L. Sumathipala, W.C.W. Navaratne, S. Somaratne and K.H.M.S. Premalal (2016). Spatial and Temporal variation of Rainfall during South-
West Monsoon period in Sri Lanka and its relationship with some of the Global Teleconnections, 16th Science Council of Asia Conference, SCA-16, Japan, held in May-June 2016 in Sri Lanka


DEPARTMENT OF ZOOLOGY

Books/Book Chapters

None

Publications with Impact Factor Citations


**Publications/ (no impact factor)**


**Conference proceedings/abstracts/extended abstracts**

POSTGRADUATE INSTITUTE OF ENGLISH
Books/Book Chapters


Publications with Impact Factor Citations

None

Publications/ (no impact factor)


Conference proceedings/abstracts/extended abstracts

None
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CENTRE FOR EDUCATIONAL TECHNOLOGY & MEDIA  
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Books/Book Chapters

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Publications with Impact Factor Citations

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Conference proceedings/abstracts/extended abstracts

and Distance Learning. In proceeding of the 30th Annual Conference of the Asian Association of Open Universities, 26-28 October 2016, Manila (Abstract)
REGIONAL EDUCATIONAL SERVICES
### Books/Book Chapters

None

### Publications with Impact Factor Citations


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### Conference proceedings/abstracts/extended abstracts

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# SUMMARY

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