Dr. Ibralebbe Mohamed Kalith

Lecturer in ICT

Residence

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ACADEMIC QUALIFICATIONS:

- **Doctor of Philosophy (Information and Communication Technology)** at Management & Science University, Malaysia. effective from 24th January 2019.
    - o **Research Area:** Computer Science o **Thesis Title:** Phoneme and Syllable Sub-Word Modelling for Agglutination problem of the Tamil Language for Isolated and Continuous Automatic Speech Recognition System.
- **M. Sc. Information Technology at** Sri Lanka Institute of Information Technology (SLIIT). Effective from 01st July 2010.
    - o **Thesis Title:** Design and Development of Automatic Speech Recognition System for Tamil Language.
- **B.Sc. in Computer Science (Special)**, South Eastern University of Sri Lanka. Effective from 31st December 2002.

ACADEMIC EXPERIENCE:

- **Senior Lecturer in ICT** – Since August 2019, Depart of Information Communication Technology, Faculty of Technology, SEUSL.

- **Instructor in Computer Technology (Gr-I)** - August 2005 to July 2019, Department of Mathematical Science, South Faculty of Applied Sciences, SEUSL.

- **Temporary Demonstrator in Computer Science** - 2004 to 2005, Department of Mathematical Science, Faculty of Applied Sciences, SEUSL.

PUBLICATIONS:

Book Published

- Ibralebbe Mohamed Kalith and Samantha Thelijjagoda, 2016. *"Automatic Speech Recognition for Tamil" – LAMBERT Academic Publisher, Available* :*https://www.amazon.com/AutomaticSpeech-Recognition-System-Tamil/dp/3330004045*

Peer Review Journals Publication

- Mohamed Kalith I, David Asirvatham, Ali Khatibi and Samantha Thelijjagoda, 2018. *"Comparison of Syllable and Phoneme Modelling of Agglutinative Tamil Isolated Words in Speech Recognition",* Current Journal of Applied Science and Technology, ISSN: 2457-1024; 2231-0843 (old),Vol.: 29, Issue.: 4, DOI : 10.9734/CJAST/2018/40568.

- Mohamed Kalith I, David Asirvatham and Ismail Raisal, 2017. *Context-dependent Syllable Modeling of Sentence-based Semi-continuous Speech Recognition for the Tamil Language.* Information Technology Journal, 16: 125-133, DOI: 10.3923/itj.2017.125.133.

- Mohamed Kalith I, David Asirvatham and Samantha Thelijjagoda,. *"Isolated to Connected Tamil Digit Speech Recognition System Based on Hidden Markov Model"*. International Journal of New Technology in Science and Engineering, Vol.3, Issue 4, April 2016, ISSN 2349-0780.

Conference Papers Publication

- W. G. Ishan Chanaka Jayaweera , I. Mohamed Kalith, K. Muhammad Rifthy, *"IoT Based Smart Vehicle Parking System for Urban Area in Sri Lanka"*, ICST-2022, Faculty of Technology, South Eastern University of Sri Lanka.

- Sirajudeen Safdhan, Muhammad Shamsuzzaman Kabir , Mohammed Abdul Kader Muhammad & I. Mohamed Kalith, *"Smartphone, Voice, and Infra-Red Remote Controlled Learning kit with Feedback Voice"*, ICST-2021, Faculty of Technology, South Eastern University of Sri Lanka.

- Mohamed Kalith I, *"Implementation of LMS for FAS, SEUSL : Improve Corporative and Participative Teaching And Learning atmosphere"* ASRS – 2014, of Faculty of Applied Science, South Eastern University of Sri Lanka.

- Mohamed Kalith I, *"Design and Development of Automatic Speech Recognition System for Tamil Language Using CMU Sphinx 4"* ASRS - 2012, Faculty of Applied Science, South Eastern University of Sri Lanka.

- Mohamed Kalith I, and Samantha T., *"Automatic Speech Recognition System for Tamil Language"* 29th National conference on Exploiting ICT trends for Collaborative Development, Colombo, NITC-2011.

CONFERENCE / WORKSHOP / PRESENTAIONS:

- CCNA Module 1 :CCNAv7 (Introduction to Network), CCNA Module 2 :CCNAv7 (Switch, Routing, and Wireless essential), CCNA Module 3 :CCNAv7 (Enterprise networking, Security and Automation) – 2021.

- Induction Programme for Academic Staff – 2020 (Batch IV), Conducted by Staff Development Center, South Eastern University of Sri Lanka.

- Workshop on Data Analysis for Research Studies by Using SPSS System. On 27th and 28th, February, 2016, at Management Science University Columbo Campus.

- UGC Reforms and Guidelines on Curriculum Development for External Degree Programs, Workshop at SEUSL, Oluvil, 08 April 2013.

- Asia Pacific Advanced Network (APAN 34), Workshop Organized by LEARN Colombo, 25 - 29 August 2012.

- ASRS - 2012, Annual Research Session at Faculty of Applied Science, South Eastern University of Sri Lanka, Sammanthurai, 28 - 29 March 2012.

- 29th National Conference on Exploiting ICT trends for collaborative Development, Colombo , NITC - 2011.

- Forensic Investigation Techniques Workshop, conducted by A Low Cost Digital Forensic Laboratory for a Developing Country Project - UCSC, 13 January 2010.
- INET Colombo 2011 Workshops at UCSC, conducted by Internet Society Sri Lanka Chapter, 22 May 2011

- JENESYS - 2011, "Invitation Program for Science and Technological Human Resources under the Japan - East Asia Network of Exchange for Students and Youths Programme"02- 13 November 2011, Tokyo - Japan.

- Innovative and Interactive Teaching Methods, Workshop organized by Quality Assurance and Quality of Undergraduate Education (QAAC), SEUSL, 24 December 2008.

- Computer Networks, two days' workshop conducted by WinSys Networks, Colombo, 09 - 10 August 2008.

- Distance Learning Development, Implementation and Capacity building course conducted by Staffordshire University - UK, 28 march 2008.

- e-Learning Technology Training Programme, conducted by ADMTC - University of Colombo School of Computing (UCSC), under the In-country training programme sponsored by JAICA, 08 January - 08 February, 2007.

- Unix / Linux Fundermentals, Network & Systems Administration, conducted by the Computing Service Center - UCSC, 8 day training programme, October 2006.

- Small Group Facilitation, a training program organized and conducted by Tsunami Housing Support Project - GTZ, Kandy, 27 - 28 October 2006.

- Open Source Software Training Programme, conducted by UCSC, sponsored By Center of the International Corporation for Computerization (CICC), 05 - 09 December 2005.

ACADEMIC / TECHNICAL CONTRIBUTION:

- *Associate Editor* – Sri Lankan Journal of Technology **(SLJoT),** Faculty of Technology, SEUSL.

- *Editorial Board Member -* International Conference on Science and Technology / ICST 2022.

- *Members of the Faculty Curriculum Development Committee (2021 / 2022)* – Faculty of Technology.

- *Chairman of the Faculty Research Management Committee (2021 / 2022)* – Faculty of Technology.

- *Treasurer* – International Conference on Science and Technology / ICST 2021

- *Member of the Committee* – Prepare Guideline for Supervisor and Students for Independent Research.

- *Curriculum Development* for New Degree Programme (External Degree in ICT).

- *Secretary, Association of Senior Common Room- Faculty of Technology, SEUSL*

Visiting Lecturer / Instructor

- *Visiting lecturer* for Management Information System (MIS) unit, Faculty of Management and Commerce (2011).

- *Part time visiting Instructor* for Technical College of Sammanthurai, ICI, Computer Network Technicians. (2005, 2013 – 2015)

- *Visiting lecturer for* computing, Sri Lanka Institute of Advanced Technical Education (SLIATE), 2003.

ADMINISRATIVE DUTIES:

Students Counsellor - Faculty of Technology, SEUSL

Members of the Web Committee (2021 / 2022) – SEUSL

Instructor in Computer Technology - Department of Mathematical Sciences, Faculty of Applied Science, SEUSL.

Subject Coordinator Computer Science – Department of Mathematical Sciences, Faculty of Applied Science,SEUSL.

Academic Sub Warden – Part time Male Hostel, Faculty of Applied Science,SEUSL.

Assistant Network Administrator - Faculty of Applied Science, SEUSL

Computer lab In charge (2006) - Department of Mathematical Sciences, Faculty of Applied Science,SEUSL.

PERSONAL DETAILS:

Profiles	Date of Birth	:	13. 08. 1975		
	Civil Status	:	Married,		
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	Email	:	Official	:	imkalith@seu.ac.lk
			Personal	:	drkalith@gmail.com

REFREES:

Prof. Dr. A. Rameez
Vice Chancellor
South Eastern University of Sri Lanka. Oluvil.
Tel: +94 67 2255138, Email: vcoffice@seu.ac.lk, *http://www.seu.ac.lk*

Prof. Dr. David Asirvatham,
Executive Dean,
Faculty of Built Environment, Engineering, Technology and Design, Taylor's University, Lakeside Campus. No.1, Jalan Taylor's, 4700 Subang Jaya. Malaysia.

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