SL-SWCS'13: Programme Schedule

08:30 – 09:00	**Registration**

09:00 – 09:10	**Welcome Address**
09:10 – 09:30	**Inaugural Addresses**

Prof. (Ms.) Vasanthy Arasaratnam
Vice Chancellor, University of Jaffna.

Dr. R. Kumaravadivel
Retired Professor of Physics &
Former Dean of the Faculty of Science, University of Jaffna.

Prof. S. Srisatkunarajah
Dean of the Faculty of Science, University of Jaffna.

Keynote – Session I

09:30 – 10:30	**Prof. Gihan V. Dias** Department of Computer Science and Engineering, University of Moratuwa.
10:30 – 10:45	**Tea**

Keynote – Session II

10:45 – 11:30	**Dr. Satchuthananthavale R.K. Branavan** Millennium Information Technologies (MIT), Malabe.
11:30 – 12:15	**Dr. Shantha Fernando** Department of Computer Science and Engineering, University of Moratuwa.

Oral Presentation – Session I	

12:15 – 12:30	**String Matching with Multicore CPUs: Performing better with the AHO-CORASICK Algorithm** Ms. Arudchutha, S. - University of Peradeniya.
12:30 – 12:45	**Computational Classification of Molecular Expression of Thyroid Cancer** Mr. T. Kartheeswaran - Vavuniya Campus of the UOJ.
12:45 – 13:30	**Lunch**

Keynote – Session III	

13:30 – 14:15	**Dr. Roshan G. Ragel** Department of Computer Engineering, University of Peradeniya.

Oral Presentation – Session II	

14:15 – 14:30	**CLASS: Commencing Learning Analytics in Sri Lankan Schools** Mr. R. Rajaratnam - University of Moratuwa.
14:30 – 14:45	**Tamil Spell Checker – A Hybrid Approach** Ms. Jananie, S. - University of Jaffna.
14:45 – 15:00	**A Delay Tolerant Mobile Application to Well Inform the Population of Sri Lanka** S.Sharthrak Niroshan - University of Jaffna.
15:00 – 15:50	**Spotlight & Poster Session** (with Tea)
15:50 – 16:00	**Awarding ceremony**

Industry – Students Networking	

16:00 – 16:50	**Facilitators:** Mr. Samisa Abeysinghe, VP of Developer Evangelism, WS0$_2$. Mr. Shan Sinnathamby, Director of Architecture of WSO$_2$ Mobile.
16:50 – 17:00	Closing of the SL-SWCS'13

Accepted Posters

String Matching with Multicore CPUs: Performing better with the AHO-CORASICK Algorithm
Arudchutha S., Nishanthy T. and Ragel R.G. - University of Peradeniya.

ALTRAF: Traffic Congestion Analysis and Alert System
Hariprasath, T., Achchuthan, Y., Ann Sinthusha, A. and Thulasika, V. - University of Jaffna.

Automated Distributed Storage System
Jarachanthan, R. and Sarveswaran, K. - University of Jaffna.

Y-Bridge: Bridging Students, Academia and Industries
Jananarthanan, J., Kalyani, Y., Kirishanthy, T. and Samantha Tharani, J. University of Jaffna.

Tamil Spell Checker – A Hybrid Approach
Jananie, S. and Sarveswaran, K. -University of Jaffna.

CLASS: Commencing Learning Analytics in Sri Lankan Schools
Kanarupan, K., Rajkumar, R. and Jayakrishnan, R. - University of Moratuwa.

Computational Classification of Molecular Expression of Thyroid Cancer
Kartheeswaran, T. - Vavuniya Campus of the University of Jaffna.

An Adaptive User Interface for Mobile Web Application
Keerthika, M. –University of Jaffna.

Red Drops
Miller Alexander, R., Jarachandran, R., Nifras, M., Samantha, J. - University of Jaffna.

Agriculture Marketing Information System(AgroMIS)
Nilashan,N., Thenuzan, S., Mayooran, S., Lukshica, D. - University of Jaffna.

One-Click Public Servant
Rajjaz, H.M. - University of Jaffna.

A Delay Tolerant Mobile Application to Well Inform the Population of Sri Lanka
Sharthrak Niroshan, S. - University of Jaffna.

A Novel Topology for Parallel Computing
Thuseethan, S. - Vavuniya Campus of the University of Jaffna.

Image Classification of Paddy Field Insect Pests using Gradient-based Features
Venugoban, K. – PGIS, University of Peradeniya.

Keynote Speakers

Prof. Gihan V. Dias

PhD (UCD), MSc (UCSB), BSc Eng. (Hons) (Mora), MIE(SL), CEng

Department of Computer Science and Engineering, University of Moratuwa.

Dr. Roshan G. Ragel

PhD (UNSW), BSc Eng. (Hons) (Pera), MIET(UK)

Senior Lecturer, Department of Computer Engineering, University of Peradeniya.

Dr. Shantha Fernando

PhD (TUDelft), MPhil (Mora), BSc.Eng.Hons (Mora), MIET(UK), MCS(SL), MIE(SL), CEng

Department of Computer Science and Engineering, University of Moratuwa.

Dr. Satchuthananthavale R.K. Branavan

Chief Scientist, Natural Language Processing
Millennium Information Technologies,
London Stock Exchange Group.