



## Oral Presentations

### Technical Session A1- Science, Fisheries and Marine Science

Venue: N L H -1, Faculty of Engineering

On 18<sup>th</sup> March 2010

- A1-01  
8.40 – 9.00 a.m. Use of Morphometric Characters of a Fish Species to Predict the River it Collected; A Novel Approach  
*Pubudu Thila , A.W.L., De Silva, A.. W. L and Jayasekara, L.A.L.W.*
- A1-02  
9.00 – 9.20 a.m. Mapping Evaporite Minerals and Associated Sediments in Lake Magadi, Kenya, Using Hyperspectral Hyperion Data.  
*Gayantha L. Kodikara , Tsehaie Woldai , Frank J.A.van Ruitenbeek , Kieth D. Shepherd, and van Humme, G. J. l*
- A1-03  
9.20 – 9.40 a.m. Effect of Different Commercial Diets on the Growth Performance and Reproductive Performance of Guppy, *Poecilia Reticulata* (Peters)  
*Kumaratunga, P.H.S. and Radampola, K.*
- A1-04  
9.40 – 10.00 a.m. Computer Assisted Coral Identification System: An Electronic Approach to Identify Common Coral Species of Sri Lanka.  
*Bandara W.M.D.K, Terney Pradeep Kumara P.B*
- A1-05  
10.00 – 10.20 a.m. Metals in Fish from Sri Lankan Coastal Lagoons and Human Health Risk.  
*Asanthi, H. B., Gomez, E. Aliaum, E., Lasserre, G. Cumaranatunga, P.R.T. and Casellas, P.R.T.*
- 10.20- 11.00 a.m. Refreshment**
- 11.00 – 12.00 a.m. Address of Gust of Honour**
- 12.00 – 1.00 p.m. Lunch**
- 01.00 – 2.00 p.m. Poster session**



**Technical Session AII- Management & Finance**

**Venue: N L H -1, Faculty of Engineering**

**On 18<sup>th</sup> March 2010**

AII-01

2.20 – 2.40 p.m.            The Impact of Operating system on Organizational Effectiveness, Special Reference to Bank of Ceylon and Commercial Ank Plc  
*S. A. D. Rathnamali & G. A. N. Darshi*

AII-02

2.40 – 3.00 p. m.        Management Practices Across Generations: Two Multi-Generational Cases from Sri Lanka  
*G.T.Wasantha Sriyani,*

AII-03

3.00 – 3.20 p.m.        Impact of Training and Development Programs towards Work Related Variables  
*Galhena, B.L. and Mihirani, H.L.A*

AII-04

3.20 – 3.40 p.m.        Impact of Absenteeism on Employee Satisfaction: A Study with Special Reference to the Bakery Industry in the Southern Province, Sri Lanka  
*Priyadarshani, S.A.S., Silva, P.E.D.D.*

AII-05

3.40 - 4.00 p.m.        Conceptualizing a Model to Premote SMES towards Internationalization  
*G.T.Wasantha Sriyani,*



**Technical Session B1- Agriculture and Administration**

**Venue: LT -1, Faculty of Engineering**

**On 18<sup>th</sup> March 2010**

B1-01

9.00 – 9.20 a.m.

Milk Protein Polymorphism of Buffaloes in Southern Area of Sri Lanka

*Ranasinghe H.R.M.K.K.K, Hirimuthugoda N.Y, Rajapakse R.P.V.J., Gunawardena W.W.D.A*

B1-02

9.20 – 9.40 a.m.

Effects of Dietary Energy and Rice Bran Levels on Growth Performance and Nutrient Retention of Broiler Chicken

*Atapattu, N.S.B. M and Prabath, A. N. M. B. R*

B1-03

9.40 – 10.00 a.m.

Evaluation of Different Flexible Laminates for Preventing the Post Processing Losses of Hygroscopic Foods

*C. P. Rupasinghe, H. P. C. Rasika, S.B. Navaratne and W.L.G.Boteju*

B1-04

10.00 – 10.20 a.m.

Three Decades: Two Curricular an Analysis of the Results of B.Sc Agriculture Graduates of Ruhuna University

*Mudalige, SKK, Atapattu, NSBM and Rangoda, BDP*

**10.20- 11.00 a.m.**

**Refreshment**

**11.00 – 12.00 a.m.**

**Address of Guest of Honour**

**12.00 – 1.00 p.m.**

**Lunch**

**01.00 – 2.00 p.m.**

**Poster session**



**Technical Session C1- Humanities and Social Sciences**

**Venue: LT 2, Faculty of Engineering**

**On 18<sup>th</sup> March 2010**

- C1-01  
8.40 – 9.00 a.m.      Poverty Alleviation in Sri Lanka: A Study of Policy Impact on Political Behaviour.  
*Abeyrathne G.D.R.U.U.*
- C1-02  
9.00 – 9.20 a.m.      Establishment of Buffer Zones for Tropical Rain Forest Conservation (A Case Study on North-Western Hillside of the *Sripada* Forest)  
*Karunaratne, MSML & Kumara, HIGC*
- C1-03  
9.20 – 9.40 a.m.      Dutch Reformed Church in Kalipitiya: An Archaeological and Architectural Study.  
*D. U. Wijetunge*
- C1-04  
9.40 – 10.00 a.m.      ශ්‍රී ලංකාවේ නිවර්තන වැසි වනාන්තර සංරක්ෂණය කිරීමේ උපාය මාර්ගයක් ලෙස සීමාන්තරික කලාප පිහිටු වීම සහ එහි බලපෑමට සමහර අඩවිය ස්වභාව රක්ෂිතයේ බටහිර බෑවුමේ ප්‍රදේශය ඇසුරිනි. එච්. අයි. ජී. සී. කුමාර එම්. එස්. එම්. එල්. කරුණාරත්න
- C1-05  
10.00 – 10.20 a.m.      නිල්වලා ගඟ ආශ්‍රිත ජීවන ව්‍යවහාර හා කඳනුබද්ධ ජනග්‍රැහි ධර්මික හේවගේ



<b>10.20- 11.00 a.m.</b>	<b>Refreshment</b>
<b>11.00 – 12.00 a.m.</b>	<b>Address of Guest of Honour</b>
<b>12.00 – 1.00 p.m.</b>	<b>Lunch</b>
<b>01.00 – 2.00 p.m.</b>	<b>Poster session</b>

**Technical Session C II- Humanities and Social Sciences**

**Venue: LT 2, Faculty of Engineering**

**On 18<sup>th</sup> March 2010**

CII-01

2.00 – 2.20 p.m.

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ජී. සී. කුමාර,<sup>1</sup> ධම්මික හේවගේ

CII-02

2.20 – 2.40 p.m.

An Analytical Study of the Use of M-Government for  
Providing Information and Services in Public Sector in Sri  
Lanka (Based On Government Information Centre-GIC)  
*P.Vithanage , G.R. and Ayesha Godagama*

CII-03

2.40 – 3.00 p.m.

Impact of Socioeconomic and Second Language Learning  
Backgrounds on the Development of English Writing Skills  
of Undergraduates (A Case Study on the Faculty of  
Management and Finance, University of Ruhuna)  
*R.A.W.D. Jayawardhana*

CII-04

3.00 – 3.20 p.m.

The Role of an ESL Curriculum



*Seventh Academic Sessions of University of Ruhuna*

*Ruwan Gunawardane*

CII-05

3.20 – 3.40 p.m.

The Spatial and Temporal Pattern of Dengue in Matara District  
*G Edirisinghe,*

CII-06

3.40 – 4.00 p.m.

පුරාණ සිංහල කවියෙහි සහ නූතන ප්‍රංස කවියෙහි විද්‍යමාන කාව්‍ය බන්ධන විධි.  
*ධර්මා රාජපක්‍ෂ*

CII-07

෧෪ 4.00 – 4.20 p.m.

ප්‍රමිතිරිඛව හා අතිරේක දැනුම රැස් කිරීම විශ්වවිද්‍යාල විද්‍යාර්ථීන් කාර්යසාධනයට සිදුකරන බලපෑම  
*රණවීර. සීල නිසාන්ත. කේ. ඒ*

CII-08

4.20 -4.40 p.m.

Looking for Links: Sea Links in Ancient Sri Lanka  
*B. H. M. W. Bohingamuwa*

**Technical Session D1- Management & Finance**

**Venue: LR 1, Faculty of Engineering**

**On 18<sup>th</sup> March 2010**

D1-01

9.00 – 9.20 a.m.

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D1-02

9.20 – 9.40 a.m.

Media Planing Strategies and Consumer Media Habits: The Case of Nestomalt  
*Wijesundara T.R, .Rathnayaka C.V*

D1-03

09.40 – 10.00 a.m.

Critical Success Factors of the Women Entrepreneurs with Special Reference to Dress Making Industries in Matara District



*Seventh Academic Sessions of University of Ruhuna*

*L. R Rupasinghe*

D1-04

10.00 – 10.20 a.m.

The Impact of Internal Audit on Verification of Internal Control Applications: with Special Reference to Harischandra Mills PLC.

*T.A.N.R.Jayarathne, H.A.C.Jeewanthi and S.A.S.Priyadarshani*

D1-05

10.20 – 10.40  
companies

Corporate social responsibilities reporting in top 20

*Jeewantha, G.K.C. and Jeewanthi, H.K.C.*

**10.20- 11.00 a.m.**

***Refreshment***

**11.00 – 12.00 a.m.**

**Address of Guest of Honour**

**12.00 – 1.00 p.m**

**Lunch**

**01.00 – 2.00 p.m.**

**Poster session**

**Technical Session E 1- Engineering**

**Venue: LR 2, Faculty of Engineering**

**On 18<sup>th</sup> March 2010**

E1-01



*Seventh Academic Sessions of University of Ruhuna*

- 8.40 – 9.00 a.m. Design and Implementation of CDMA Receiver to Add and Remove Features of the Receiver for Use of Controlling Purposes  
*Kumara L.S, Chandralal H.M.S.M and K. Pirapaharan*
- E1-02  
9.00 – 9.20 a.m. Towards an E-Commerce Adoption Model for a Business Organization: A Guide for Successful Implementation  
*Asanka Upamal Walpitagamage, Dr. Bandu Ranasinghe*
- E1-03  
9.20 – 9.40 a.m. Development and Structural Behavior of Coconut Coir FRP 10.00 Hollow Sections  
*Sakura G.B., Kumara W.M.P, , Ishara H.R.A.D and H.Sooriyaarachchi*
- E1-04  
9.40– 10.00 a.m. Evaluation Criteria for Condition State of Reinforced Concrete and Prestressed Concrete Bridges  
*Sudhira De Silva Chandana Nawarathna and Laksiri Pradeep, Suranga Priyalal*
- 10.00- 11.00 a.m Refreshment**
- 11.00 – 12.00 a.m Address of Gust of Honour**
- 12.00 – 1.00 p.m Lunch**
- 1.00 – 2.00 p.m. Poster session**





**Technical Session E II- Engineering**

EII-01

2.00 – 2.20 p.m. Numerical Simulations for the Below Ground Nitrate Dynamic in Soil Columns Subject to Reclaimed Water  
*Wasanthi N. M. S*

EII-02

2.20 – 2.40 p.m Design and Implementation of a Smart Antenna for 4G Applications  
*K. Pirapaharan, C. Ranaweera, H.K.S. Kumara and R.S.D. Kumarathilaka*

EII-03

2.40 – 3.00 p.m Practical Approach for Blind Source Separation of Instantaneous Mixture of Audio Signals  
*Mendis B.I.A., Niroshan K., Ananda Y.C.C., Priyangika A.A.C., Pirapaharan K.*

EII- 04

3.00 – 3.20 p.m R & D on Tracking Systems at DEIE, Faculty of Engineering  
*P. G. N. Rangika*

EII-05

3.20 – 3.40 p.m Remote VPN User Access Auditing System  
*W.G.G.A.T.C Dias & S.S.S.P.P.P.M.M.C.P. Wimalasena*

**Technical Session E III- Engineering**

**Venue: LT -1, Faculty of Engineering**

**On 18<sup>th</sup> March 2010**

EIII-01

2.00 – 2.20 p.m. Design and Development of High Efficiency Vertical Axis Wind Turbine at Low Wind Speed by Improving Turbine Blade Profile and Introducing Deflectors  
*Sanath J.A and Sumith Baduge*

EIII-02

2.20 – 2.40 p.m Development of a Non-holonomic Multi-agent Robot Navigation System with Adaptive Formation Control  
*J.G. Varuna Priyanka<sup>1</sup>, Anura P. Rathanyake<sup>1</sup>, D.H.S. Maithripala<sup>2</sup>*

EIII-03



2.40 – 3.00 p.m.

Development of Prototype of a Remote Guided Segway Robot

*W.R.L. De Silva<sup>1</sup>, L.H.J. Jeewantha<sup>1</sup>, G.G.S. Ramanayaka<sup>1</sup>, D.H.S. Maithipala<sup>2</sup>, Anura P. Rathnayake<sup>1</sup>.*

## Poster Presentations

**Venue: LT-1, LT-2 Lobby - Faculty of Engineering**

**On 18<sup>th</sup> March 2010 (1.00 p.m. – 2.00 p.m.)**

- P-01** Chronic Pyelonephritis- are Weunder Diagonozing  
*Rathnaweera R. H., A.I Lamahewa,A.*
- P-02** Development of Healthy Fruit Yoghurt Incorporated with Star Fruit  
(*Averrhoa carambola* L.)  
*S. Abeysekare and V.S. Jayamanne*
- P- 03** Production of Fruit Yoghurt with Incorporated Annona (*Annona muricata* L.) and Evaluation of its Physicochemical, Microbiological and Sensory Properties  
*K.M. Galappatti and V.S. Jayamanne*
- P- 04** Socio-Economic and Health Status of Women Involved in Coir Retting in Rathgama Division, Galle District  
*Sumith Kumara A.G.L.A., Hirimuthugoda N.Y. and Edirisinghe U.*
- P- 05** Study the Effectiveness of the Technology Transfer System in Tea Small Holding Sector: A Case Study in Pasgoda DS Division  
*Samaraweera, G.C., Gamage, H.G.R.P.*
- P-06** A Comparison of the Organic Fertilizer Value of Three Types of Spent Broiler Litters  
*Belpagodagamage, UD, S Subasinghe, and SHR Priyadarshani, and NSBM Atapattu*
- P-07** Ethical Issues of Animal Husbandry Experiments; an Analysis of the View of Agriculture Undergraduate  
*N.S.B.M. Atapattu, S. K. K.Mudalige, B.D.P. Rangoda*



- P-08** Study the Comparative Success of the Poverty Alleviation Programmes in Sri Lanka- Special Reference to the Gemidiriya Community Development and Livelyhood Improvement Project-Matara  
*G. C. Samaraweera, U.M. T. R. Silva*
- P-09** Light Colour Preference of Broilers Reared in Tropical Environment  
*D. Senaratna, T.Samarakone, N.S.B.M. Atapattu, D.R. Paranawithana<sup>1</sup> and W.C.J.Chandrasiri*
- P-10** Impact of Total Quality Management Practices on Production Employees' Job Satisfaction (Special Reference to MAS Intimates Unichela (Pvt) Ltd, Koggala)  
  
*S. M. Kodithuwakku and G.K.H. Ganewatta*
- P-11** Impact of Employer Authoritarianism on Employer Needs Achievement: with Special Reference to Harischandra Mills  
*S.A.S.Priyadarshani, H.V.D.I.Abeywickrama*
- P-12** Development of Fruit Yoghurt Incorporated with *Jak* (*Artocarpus Heterophyllus* L.) and Evaluation of Its Physicochemical, Microbiological and Sensory Properties  
*O.H. Pilapitiya and V.S. Jayamanne*