



# **RISTCON 2015**

## **Integrated Research for Development**

### **Proceedings of 2<sup>nd</sup> Ruhuna International Science and Technology Conference**

**January 22-23, 2015**

### **Abstracts and Plenary Lectures**

**Faculty of Science  
University of Ruhuna  
Matara 81000, Sri Lanka**

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## Foreword

The 2<sup>nd</sup> Ruhuna International Science and Technology Conference, RISTCON 2015 was organized by the Faculty of Science, University of Ruhuna with the theme 'Integrated Research for Development'. The abstracts arisen from research work in diverse disciplines of Science & Technology have been peer-reviewed prior to acceptance. The abstracts have been edited to maintain language accuracy and page limits. An official electronic PDF copy of the book will be available at <http://www.sci.ruh.ac.lk/conference/ristcon2015> of University of Ruhuna website. Responsibilities of the content text of the abstracts included in this publication remain with the respective authors. No part of this serial publication will be reproduced in any form.

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RISTCON 2015

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While sharing in the rejoicing of this landmark event, I am honoured to be the Chief Guest of the Conference. I am overwhelmed by the magnitude and scope of this multi – purpose and multi – faceted event. It is needless to add that an event of this magnitude cannot be successfully organized without the assistance and cooperation of the academics, administrators, non – academics, students, alumni, sponsors and other stakeholders.

I take this opportunity to commend Professor W G D Dharmaratne, Dean of the Faculty of Science, Professor G Senanayake, Vice-Chancellor for their leadership in organizing this event. I also thank the academics, administrators, other staff & students for their commitment in making this conference a success. I wish the international scholars, a productive and a memorable stay in our beautiful country.

I am sure the conference will have a productive outcome that could be applied for betterment of the society.

Professor Kshanika Hirimburegama  
Chairperson  
University Grnats Commission of Sri Lanka

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