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**Abstracts of Research Papers**

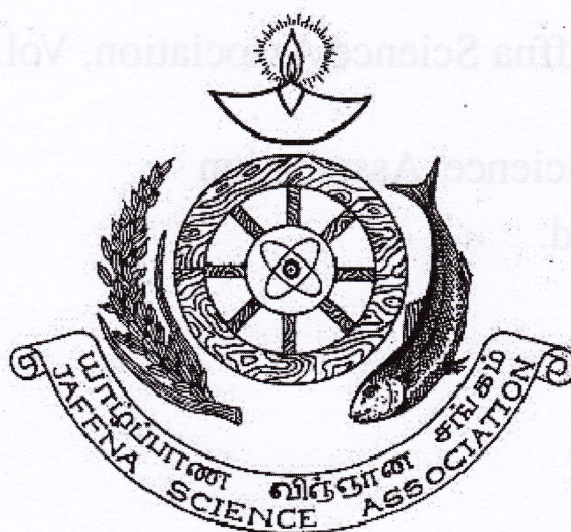
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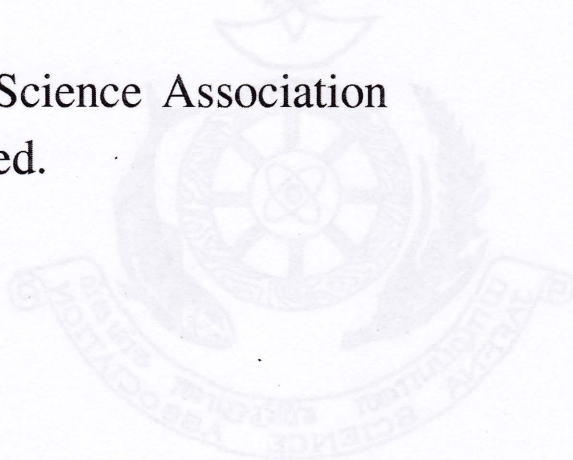
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## From Editor's Pen.....

It is my great pleasure to welcome you all to the 24<sup>th</sup> Annual sessions of Jaffna Science Association (JSA). Over the past two decades, JSA has been working on promoting science, scientific research and advancement of science education & technology. To share the JSA's success of this year, span of three day sessions, which includes guest lecture, popular lectures, theme seminars, and research presentations have been organized. This Twenty fourth Annual Sessions of the JSA will be held 3 – 5 May 2017 under the guidance of the Twenty fourth executive committee of the JSA with the theme of "Youth Empowerment".

***"If your research does not generate papers, it might just as well not have been done"***

***-George M. Whitesides***

This year there were Forty (40) abstracts received, and out of them thirty seven (37) abstracts were accepted for publications. The research papers are placed from different disciplines, such as Pure Science, Applied Science, Medical Science and Social Science in this annual session. This proceeding (Volume 24, No.1) contains the abstracts of the research papers, will be presented on 4<sup>th</sup> May at the 24<sup>th</sup> annual sessions of JSA. All the abstracts and extended abstracts of research papers have been sent to the experts from relevant fields to review, and I believe that these articles would be beneficial to the society and the region. I congratulate all the authors and the presenters for their valuable contribution!

I also look forward to an exciting 24<sup>th</sup> annual sessions of insightful presentations, discussions, and sharing of technical ideas. On behalf of the 24<sup>th</sup> Executive committee, I thank you all for attending the conference, and hope that you enjoy all the sessions. I also wish to thank the researchers for their scholarly contributions, and reviewers for their valuable comments. Finally, I would like to convey my regards and wishes to the executive committee members those who dedicated their valuable time and support in this endeavor.

***"Success is the result of perfection, hard work, learning from failure, loyalty, and persistence"***

***-Colin Powell***

With warm wishes,

*S. Rasalingam*  
Dr. (Miss.) S. Rasalingam,  
Chief Editor,  
Jaffna Science Association,  
May 2017



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May 2016 - April 2017

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## Table of Contents

### Section A

- A1 A Lower Matrix Bound for the Solution of the Discrete Algebraic Riccati Equation  
*D. M. U. S. D. Dewagedara and R. Prasanthan* 01
- A2 Benthic inhabitants of Jaffna lagoon from Kakkaitivu to Mandaitivu area of Jaffna  
*M. Nishanthy and S. Abeyrami* 02
- A3 Trends of fish production in the Sri Lankan territory of the Cauvery basin  
*K. Kalpana, J.M.P.K. Jayasinghe and J.U.S. Ursula Peiris* 03
- A4 Finite tight frames in quaternionic Hilbert space  
*M. Khokulan, K. Thirulogasanthar, and S. Srisatkunarajah* 04
- A5 Karush Huhn Tucker Sufficiency for  $\rho$ -convex programming with mixed bounded variables  
*B. Muraleetharan, S. Selvarajan and S. Srisatkunarajah* 05

### Section B

- B1 Kinetic properties of the crude cellulase of a fungal strain isolated from decaying coconut wood  
*S. Mohanappriya, and R. Kapilan* 07
- B2 Biological, biochemical and hematological effects of crude engine oil on fresh water fish Tilapia (*Oreochromis niloticus*)  
*S. Sharanga, S. Balakumar, A. C. Thavaranjit, and S. N. Surendran* 08
- B3 Kinetic properties of the partially purified cellulase of a fungus strain isolated from decaying coconut wood  
*S. Mohanappriya, and R. Kapilan* 09
- B4 An inverse demand system for milk products in Sri Lanka  
*S. Piranavi and K. Sooriyakumar* 10
- B5 Egg laying preference of parasitoid wasp *Acerophagus papaya* on papaya mealybug, *Paracoccus marginatus*  
*V. Thanusha, S. Rajeshkanna, and G. Mikunthan* 11
- B6 Use of N-gram Technique with a hash table to generate suggestions for tamil misspelt words  
*R. Sakuntharaj and S. Mahesan* 12



- B7 Effect of storage methods and time on quality of chicken eggs in the hot climate of Sri Lanka  
*S. Thatchaneshkanth* 13
- B8 Evaluation of growth parameters and forage yield of Sugar graze and Jumbo plus under three different spacing in the maha season in the Dry Zone of Sri Lanka  
*H. Gnanagobal and J. Sinniah* 14
- B9 A Study on usage of Electronic information sources by the medical students of University of Jaffna.  
*M. Komathy* 15

### Section C

- C1 The study on blood glucose level at different combination of anti-glycolytic agents  
*K. Sivagini and S. Balakumar* 16
- C2 Students' perception of integrating Neuroanatomy and Neurophysiology in the Faculty of Medicine, University of Jaffna  
*S. Sanchayan, A. Sakunthaladevi, U. Sivananthini, and K. Sivapalan* 17
- C3 Nutritional Status and Associated Factors of Resettled Children Under-Five Years of Age in Iyakkachchi, Kilinochchi  
*R. Sahithya, R. Hamzathwany, T. Muhunthan, R. Bruntha, S. Birathayini, C. Thagchana, K. Kandeepan,, S. Balakumar, and V. Arasaratnam* 18
- C4 Atherogenic Index among over nourished Adolescents Attending National Schools in Jaffna Zonal division  
*R. Hamzathwany, K. Kandeepan, S. Balakumar and V. Arasaratnam* 19
- C5 Prevalence of Overweight and Obesity and its Influencing Factors among Adolescents in Jaffna Educational Zonal schools: A Cross Sectional Study  
*R. Sahithya, G. Suntharalingam, K. Kandeepan, S. Balakumar and V. Arasaratnam* 20
- C6 Knowledge and practice of undergraduate nursing students on early detection measures of breast cancer  
*V. Antony Sheron, R. Surenthirakumaran, D. Thabotharan, and I. Kavitha* 21

### Section D

- D1 சமகால இந்திய மெய்யியலும் சமூக ஒருமைப்பாட்டுச் சிந்தனைகளும் -  
ஓர் மெய்யியல் ஆய்வு.  
*பா.தர்ஷிகா* 22



D2	நிலப்பயன்பாட்டு திட்டமிடலுக்கான நிலத்தகவல் ஒழுங்கு - யாழ்ப்பாண மாவட்டத்தில் சாவகச்சேரி நகரசபை பிரதேசத்திற்கான ஓர் ஆய்வு. <i>அ.அன்ரன் கமில்ஸ், க.சுதாகர், எஸ்.ரீ.பி.இராஜேஸ்வரன்</i>	23
D3	Employees' perception of transparency in management and their commitment: A special reference to school education sector in Northern Province <i>J. K. Bratley</i>	25
D4	மெய்ப்பாட்டுக்கோளாறு ஓர் சம்பவ ஆய்வு <i>K. Kalaivani</i>	26
D5	குடும்ப வருமானத்திற்கும் கல்வி அடைவு மட்டத்திற்குமான தொடர்பு : பூநகரி பிரதேச செயலக பிரிவினை மையமாகக் கொண்ட ஓர் ஆய்வு. எஸ்.எஸ்.உதயகுமாசி.சுயித்தா	27
D6	Equivalence in adaptation: A study with special reference to "The light of Asia" (Asia Jothi) <i>S. Gayathree</i>	28
D7	தர்க்கப்புலனறி வாதத்தின் வளர்ச்சியில் ரூடோல்ப் கார்ணபின் வகிபங்கு <i>ச.சங்கரநேசன், ந. சாருதி, ந.சிவகரன்</i>	29
D8	ஆசிரியத்தலையங்கங்கள் பேசுபொருளினை வெளிப்படுத்தும் விதம் சூ.பூட் டினைஸ்	30
D9	Impact of market interest rate on profitability: Evidence from domestic licensed commercial banks in Sri Lanka. <i>T. Mayuri and R. Vijayakumaran</i>	31
D10	The determinants of price earnings ratio: Evidence from Sri Lankan Listed Manufacturing companies. <i>N. Atchyuthan and R. Vijayakumaran</i>	32
D11	Green Banking Practices of Public Sector Banks in Sri Lanka <i>S. Kajanthy and H. Grace Hyacinth</i>	33
D12	The portrayal of women's struggle in Anita Desai's Voices in the City <i>V. Yogaratnam</i>	34
D13	மொழிப் பகுப்பாய்வில் எடுப்பளவையியலின் வகிபங்கு - ஓர் விமர்சனப் பகுப்பாய்வு <i>த.தவனிசன், ந.சிவகரன்</i>	35
D14	Board Structure and Value-Relevance of Accounting Information of Listed Hotels and Travels in Sri Lanka <i>S. Balagobei, J. Thevananth, and S. Mahilini</i>	36
D15	விக்கின்ஸ்ரைனுடைய படக்கோட்பாட்டினை அடிப்படையாகக்கொண்டு பகுப்பாய்வு மெய்யியலினை புரிந்து கொள்ளுதல் <i>ர.தாட்ஷாயணி, ந.சிவகரன்</i>	37



D16 பேட்டன் ரசலினுடைய இலட்சிய மொழிக்கு எதிரான ஸ்ராவ்சனுடைய விமர்சனங்கள்  
குறித்த ஓர் பகுப்பாய்வு  
ந.டிலக்ஷி,க. நிதர்சன், ந.சிவகரன் 38

D17 விஞ்ஞான முறையியலில் தொகுத்தறி முறையியலின் வகிபங்கு: ஒரு விமர்சனப்  
பகுப்பாய்வு  
து. திலீபன் 39

Members of the Review Panel 40



D11

## Green Banking Practices of Public Sector Banks in Sri Lanka

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Business organisations cannot operate by considering profit only because of the increase in environment awareness. Thus, there is a move in the direction to environmentally sensitive. One of those areas is Green Banking. Banks are possibly benefited from green banking practices by giving special attention to environmentally-friendly initiatives and reducing internal and external carbon footprints from which the country gets environmental benefits. Lack of research regarding the green banking practices of public banks (Bank of Ceylon, National Savings Bank and Peoples Bank) in Sri Lanka. This study attempts to fill this gap by examining the existing green banking practices of public sector banks. In order to achieve the purpose of this study, secondary data from recent year annual report of public banks have been used and content analysis was applied. This study has identified and explored 76 green banking practices among the three public sector banks in Sri Lanka. Results show that public sector banks are practicing several green banking practices.

**Keywords:** Green Banking, Public, CSR, Carbon Footprint, Energy saving, Environment