

**Sri Lanka Students' Association
in Japan**

*Embassy of Sri Lanka, 2-1-54,
Takanawa, Minato-ku,
Tokyo 108-0074, Japan.
www.slsaj.com*

Patron

**H.E. The Ambassador for Sri Lanka
in Tokyo**

President

Ominda Prasad
(University of Tokyo)

Secretary

Tushara Chaminda
(University of Tokyo)

Treasurer

Anusha Kasige
(Saitama University)

Vice President

Achala Upendra Jayatilake
(University of Tokyo)

Asst. Secretary

Waruna Sri Dhanapala
*(National Graduate Institute for Policy
Studies)*

Asst. Treasurer:

Chaminda Abesinghe
(University of Waseda)

Committee:

Anura Pushpakumara *(Saitama University)*

Anuruddha Karunaratne
(Saitama University)

Bandula Thaminda *(Saitama University)*

Chaminda Gallage *(University of Tokyo)*

Chammika Mannakkara

(National Institute of Informatics)

Charith Dias *(University of Tokyo)*

Geetha Weerasooriya *(University of Tokyo)*

Himani Samarakoon *(University of Tokyo)*

Kanchana Pradeep *(National Graduate
Institute for Policy Studies)*

Manoj Madurapperuma
(Tokyo Institute of Technology)

Nalin de Silva *(University of Tokyo)*

N. Sivasithamparan *(University of Tokyo)*

Rohan Jayatilake *(National Graduate
Institute for Policy Studies)*

Ruwan Gallage
(Tokyo Institute of Technology)

Sasikala Koneswaran *(Saitama University)*

Shameen Jinadasa *(Saitama University)*

Susantha Senevirathna
(Yokohama National University)

Thisara Welhena *(University of Tokyo)*

T. Sivakumar
(Yokohama National University)

Wasana Somatilake *(University of Tokyo)*

Editors' Note

This issue marks the sixth successive volume of the Annual Research Journal of the SLSAJ. The main objective of this journal is to disclose the postgraduate academic achievements of Sri Lankan students in Japan. This volume includes variety of high standard, valuable research findings in a wide scope of subject areas. We believe this journal would serve in filling the knowledge gaps and support the dissemination of new information to make the world a better place for all.

We would like to thank all the authors for their contributions and the panel editors for their invaluable assistance in making Research Journal – 2006 a reality. We extend our gratitude to Dr. Tilak Priyadarshana, Dr. Lalith Rajapakse, Dr. Shameen Jinadasa and Dr. Chaminda Gallage for their guidance and helping us in designing this journal.

The SLSAJ also thanks Professor N. S. Cooray of the International University of Japan, and Associate Professor Anil C. Wijeyewickrema of the Tokyo Institute of Technology for their admirable plenary speeches that enlightened the audience of this year's Research Session of SLSAJ. We do thank all the presenters and chairpersons who played a key role in the success of RS-2006 session

Further, we convey our sincere thanks to following panel members:

Dr. N. S. Cooray
Dr. Srikantha Herath
Dr. Palitha Jayasekara
Dr. Jagath Manatunge
Dr. M. I. M. Mowjoood
Dr. H. M. Nasir
Dr. Bandara Nawarathna
Dr. Assela Pathirana
Dr. Tilak Priyadarshana
Dr. Lalith Rajapakse
Dr. Jay Rajasekera
Dr. Rose Weerasingha
Dr. Wijeyewickrema

Chaminda Abesinghe
Rohan Jayatilake
Waruna Sri Dhanapala
Co-Coordinator of RS - 2006

Cover:

The cover page consists of some of the illustrations of articles from multiple research fields. While these illustrations represent the content of the journal, the SLSAJ highly appreciate the cooperation of the authors who generously provided research articles.

*Disclaimer: The contents of each paper are intelligent property of respective authors.
The accuracy and validity of the contents are vested with them.*