Message from General Chair

 It is my great pleasure to welcome all of you to the 1ˢᵗ International Conference on Advanced Research in Computing (ICARC 2021). The main objective of the conference is to provide a premier interdisciplinary platform for researchers, practitioners, and educators to present and discuss the most recent innovations, trends, and concerns, as well as practical challenges encountered and solutions adopted in the field of Computing.

Recent advancements in Computing lead to emerge of novel computer and information technologies in many research fields such as Embedded Computing, Smart and Intelligent Computing, Ubiquitous Computing, Convergence Computing, and Human Computing, etc. The ICARC 2021 opens seven tracks for researchers to provide a valuable forum to present their innovations. The theme of the ICARC 2021, 'Towards a Digitally Empowered Society' entrusts a dialogue for multi-disciplinary researches by applying emerging computing techniques in different research fields. ICARC 2021 remarks as the first conference of the Faculty of Applied Sciences and as the organizing committee, we believe this will contribute significantly to the field of Computing.

ICARC 2021 programme includes two keynote speeches, two workshops, and seven technical sessions run in four parallel tracks. I must thank the keynote speakers of the conference, Prof. Meikang Qiu, Department of Computer Science and Information Systems, Texas AM University, Commerce, USA, and Associate Prof. C. Premachandra, Department of Electronic Engineering, Shibaura Institute of Technology, Japan. Also, I would like to thank all the plenary speakers for the valuable effort in making ICARC 2021 a success.

None of this would have happened without the earnest efforts of the organizers behind the scenes. I appreciate the untiring efforts of all the staff members of the Department of Computing and Information Systems to organize ICARC 2021.

I would like to highlight the extended support by the Head, Department of Computing and Information Systems Prof. S. Vasanthapriyan, by leading the team to launch ICARC from 2021. Furthermore, I would like to acknowledge the support and encouragement from the Vice-Chancellor Prof. R.M.U.S.K. Rathnayaka and Dean of the Faculty of Applied Sciences of Sabaragamuwa University of Sri Lanka, Dr. R.S. Sabaragamuwa. Finally, I would like to thank all the authors who submitted papers to ICARC 2021.

Last but not least, we thank all our patrons and sponsors for their generous support.

Dr. U.A. Piumi Ishanka
Chair - ICARC 2021