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**The Fifth
National Conference on
Technology & Management**



Innovative Research for National Development

Proceedings of 5th NCTM

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Preface

The National Conference on Technology Management (NCTM) is an annual forum organised by Sri Lanka Institute of Information Technology (SLIIT) to discuss the contemporary issues in Technology and Management. The forum has been initiated by the SLIIT research community 11 years back with the name "SLIIT Research Symposium (SRS)". Over the years, the scope and participation of the event expanded reaching the national conference status. Passing its fifth mile stone this year NCTM is held with the theme "Innovative Research for National Development".

This proceedings is a collection of keynote and papers presented in the conference held on 6th April in SLIIT Malabe campus. Papers from Engineering, IT and Management streams included many practical research work addressing national level applications such as services for health care sector or electric vehicle charging. The outcomes of these innovative researches would undoubtedly be instrumental for national development. Presentation of such work in the conference initiates a dialogue on potential contribution of such innovative research to the development of a nation.

The initial conference call received huge number of papers among which only the high quality papers were accepted for publication after a rigorous review process. All such papers were reviewed by two experts in related area as a part of a double blind review process. Based on the reviewer's comments papers which were of high quality were selected to be presented in the symposium. In addition this proceedings includes a the research findings of two eminent Sri Lankan research groups which are highlighted as invited papers.

This collection of papers is thus an outcome of the long commitment the contributing authors as well as the voluntary contribution of our scientific committee, reviewers as well as the members of the organising committee. The editorial board would like to extend their gratitude to all the contributors of this proceedings.

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