

Journal of Innovation Sciences and Sustainable Technologies

A Make in India Creation

Volume 2 . Number 1 . January 2022 . 1 - 48.

CONTENTS

Special Issue : Current Trends in Computational Modelling and Simulation-Part-1

Guest Editors: Navnit Jha (India) . Anuradha Mahasinghe (Sri Lanka)

ORIGINAL RESEARCH

- A Genetic Algorithm for University Timetabling
Kasunpa Abeywardena . Gayan Dilantha Illeperuma 1
- Term Structure Model for Sri Lankan Bond Market
Lorraine Dehoedt . J.K. Wijerathna 11
- Reformulating Battleship Solitaire for Quantum Annealers
Vishmi Fernando . Anuradha Mahasinghe 17
- Fast and Practical Algorithms for Solving Non-square Linear Systems
Claus Fieker . Jayantha Suranimalee 25
- Sensitivity Analysis of Simulating Rainfall Over Sri Lanka Associated with the Cyclone Amphan Using WRF
T.D. Gamage . D.U.J. Sonnadara . S. Jayasinghe . S. Basnayake 33
- Joint Marginalized Multilevel Model for Study Program Completion and Performance of Students: The Case of Sri Lankan Open and Distance Learners in Management Studies
J.C. Hapugoda . M.R. Sooriyarachchi 41