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Special Issue on

Sustainable Information Optimization : Advancements and Applications

Guest Editors

Ramesh Chandra Poonia

Pranav Dass

Vijander Singh

Nishant Kumar

Linesh Raja

Kamal Upreti

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Guest Editors

Ramesh Chandra Poonia

Department of Computer Science
CHRIST (Deemed to be University)
Bangalore 560029
Karnataka
India
E-mail: rameshcponia@gmail.com

Pranav Dass

Department of Computer Science
Shyam Lal College
University of Delhi
Delhi
India
E-mail: pranav.dass29@gmail.com

Vijander Singh

Department of ICT and Natural Sciences
Norwegian University of Science and Technology
Norway
E-mail: vijander.singh@ntnu.no

Nishant Kumar

School of Business and Management
CHRIST (Deemed to be University)
Bangalore 560029
Karnataka
India
E-mail: nishantkumar00@gmail.com

Linesh Raja

Department of Computer Applications
Manipal University Jaipur
Jaipur
Rajasthan
India
E-mail: lineshreja@gmail.com

Kamal Upreti

Department of Computer Science
CHRIST (Deemed to be University)
Delhi-NCR, Ghaziabad 201003
Uttar Pradesh
India
E-mail: kamalupreti1989@gmail.com

FOREWORD

The objective of this special issue is to discuss the recent advancement of emerging technologies for Information Optimization. The issue has a specific focus on the social and economic impact of sustainable computing, with sub-topics covering the applications of AI to sustainability, the benefits of sustainable computing, and the impact of cloud computing on sustainability. Additionally, the conference has explored artificial intelligence and machine learning in the context of sustainability.

This issue contains the extended versions of selected papers submitted at the International Conference on Sustainable Computing (SUSCOM-2024)(<https://suscom.org.in/index.php>). The conference was conducted inhybrid mode on March 18-19, 2024, at Sri Balaji College of Engineering &Technology, Jaipur, Rajasthan, India. We received more than 120 research papers out of which 33 papers have finally been selected for publication in this special issue.

The guest editors would like to express their gratitude to authors for sharing their valuable research for publication in the special issue of the esteemed *Journal of Information and Optimization Sciences*, published by Taru Publications, New Delhi. Guest editors especially thank Prof. B. K. Dass, Chief Editor who supported us in bringing out this special issue entitled Sustainable Information Optimization : Advancements and Applications.

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