


# Lecture Notes in Networks and Systems

Volume 782

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Simon Fong · Nilanjan Dey · Amit Joshi  
Editors

# ICT Analysis and Applications

Proceedings of ICT4SD 2023, Volume 2

 Springer

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# Preface

The Eighth International Conference on ICT for Sustainable Development (ICT4SD 2023) targets theory, development, applications, experiences, and evaluation of interaction sciences with fellow students, researchers, and practitioners.

The conference is devoted to increasing the understanding role of technology issues, and how engineering has day by day evolved to prepare human-friendly technology. The conference will provide a platform for bringing forth significant research and literature across the field of ICT for Sustainable Development and provide an overview of the technologies awaiting unveiling. This interaction will be the focal point for leading experts to share their insights, provide guidance, and address participant's questions and concerns.

The conference will be held on August 3–4, 2023, at Hotel Vivanta by TAJ, Panaji, Goa. The conference is organized by Global Knowledge Research Foundation and managed by: G R Scholastic LLP, State Chamber Partner Goa Chamber of Commerce and Industry, and National Chamber Partner Knowledge Chamber of Commerce and Industry.

Research submissions in various advanced technology areas were received and after a rigorous peer-reviewed process with the help of program committee members and 185 external reviewers for 1100+ papers from 16 different countries including Saudi Arabia, USA, Singapore, Denmark, Norway, Denmark, Ghana, United Arab Emirates, Netherlands, Iraq, Bangladesh, Japan, Malaysia, Finland out of which 165 were accepted with an acceptance ratio of 0.16. These will be presented in 18 parallel sessions in two days organized physically at Goa and virtually on Zoom including one inaugural and one keynote session.

Technology is the driving force of progress in this era of globalization. Information and communications technology (ICT) has become a functional requirement for the socioeconomic growth and sustained development of any country. The influence of information and communications technology (ICT) in shaping the process of globalization, particularly in productivity, commercial, and financial spheres, is widely recognized. The ICT sector is undergoing a revolution that has momentous implications for the current and future social and economic situation of all the countries in the world. ICT plays a pivotal role in empowering people for self-efficacy

and how it can facilitate this mission to reach out to grassroots level. Finally, it is concluded that ICT is a significant contributor to the success of the ongoing initiative of Startup India.

In order to recognize and reward the extraordinary performance and achievements by ICT and allied sectors and promote universities, researchers, and students through their research work adapting new scientific technologies and innovations. The two-day conference had presentations from the researchers, scientists, academia, and students on the research work carried out by them in different sectors.

Macau, Macao  
Kolkata, India  
Ahmedabad, India

Simon Fong  
Nilanjan Dey  
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