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Advanced Network Technologies and Intelligent Computing

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Proceedings

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Varanasi, India

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Preface

The 1st International Conference on Advanced Network Technologies and Intelligent Computing (ANTIC 2021) was organized by the Department of Computer Science, Institute of Science, Banaras Hindu University, Varanasi, India, in online mode (due to the ongoing COVID-19 pandemic) and held during December 17–18, 2021. ANTIC 2021 aimed to bring together leading academicians, scientists, and researcher scholars, as well as undergraduate and postgraduate students, across the globe to exchange and share their research outcomes. The objective was to provide a state-of-the-art platform to discuss all aspects (current and future) of advanced network technologies and intelligent computing, enabling the participating researchers to exchange their ideas about applying existing methods in these areas to solve real-world problems.

ANTIC 2021 solicited two types of submissions: full research papers (equal to or more than 12 pages) and short research papers (between 8 and 11 pages), both identifying and justifying a principled advance to the theoretical and practical foundations for the construction and analysis of systems, where applicable supported by experimental validation. A total of 593 research papers were received through the EasyChair portal and 152 papers (25.63%) were accepted after the rigorous review process, comprising 119 (78.28%) were full research papers and 33 (21.71%) were short papers. Out of the 152 accepted papers, 61 papers (50 full papers and 11 short papers) were selected for publication in Springer's Communications in Computer and Information Science (CCIS). The papers are grouped into two thematic categories: Advanced Network Technologies and Intelligent Computing.

We would like to thank everyone who helped to make ANTIC 2021 successful. In particular, we would like to thank the authors for submitting their papers to ANTIC 2021. We are thankful to our excellent team of reviewers from all over the globe who deserve full credit for their hard work in reviewing the high-quality submissions with rich technical content. We would also like to thank the members of the Advisory Committee for their guidance and suggestions in making ANTIC 2021 a success. Finally, we would like to thank all the Track Chairs, Organizing Committee, and Technical Program Committee members for their support and co-operation.

December 2021

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