Algorithms, Computing and Mathematics Conference
ACM 2021

Online (Initially planned in Chennai, India)
19th August – 20th August 2021.

Organized by Advanced Computing Research Society

Proceedings

Edited by

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Preface

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We are honored and glad to welcome you at the Algorithms, Computing and Mathematics Conference 2021 organized by Advanced Computing Research Society on 19-20 August 2021. This conference and these proceedings are a unique opportunity for sharing ideas and achievements, discoveries and innovation for growing together our knowledge and contribute to expand the knowledge of humanity.

We solicited original research and review papers in the area of theoretical computer science focusing on algorithms, computing and mathematics of computing.

We received 58 papers and after peer review 13 papers were accepted and submitted for publication in this conference proceedings. The papers were evaluated on the basis of completeness, relevance to the conference, originality, novelty, technicality, structure and presentation of the paper and adequate references to previous work. The scientific committee ensured that all papers submitted to this CEUR – Workshop Proceedings are contributing to the field of computer science / information technology / information systems. Every paper was reviewed by at least 2 reviewers and the review comments were shared with the authors for incorporating the suggestions and comments.

Keynote speech was given by "PROFESSOR SURESH KOTHARI" on the topic "From High School Algebra to the fundamental problem of software – A fascinating story of Mathematics and its applications". Suresh C. Kothari is a Professor of Electrical and Computer Engineering at Iowa State University. He has served as a Distinguished ACM Lecturer. His team, with multimillion-dollar funding from the US defense agency DARPA, has done pioneering research on software security. He was honored with the Iowa State Board of Regents Professor Award for excellence in Research, Teaching, and Service.

The conference had participation from various countries – India, South Korea, Papua New Guinea, Peru, USA, Italy, UK, Canada.

On the day of the conference, all the presenters were able to present online and the sessions were held smoothly as per the schedule. Each presenter was given 15 minutes for presentation, followed by question-and-answer session. A networking session was also arranged, which enabled the participants to interact, learn and network with each other.

We are thankful to the CEUR Workshop Proceedings team for publishing this conference proceedings. We thank all the Committee members for their valuable inputs and time, for making this conference very successful. We thank all the authors and presenters for disseminating their research outcomes through this

conference. We appreciate each and everyone who have made this conference meaningful.

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