

# Preface

The International Conference on Recent Advancement in Computer, Communication and Computational Sciences (ICRACCCS 2016) has been held at Udaipur, India, during 25–26 November 2016. The ICRACCCS 2016 has been organized and supported by the **Janardan Rai Nagar Rajasthan Vidyapeeth University, Udaipur, India**.

The ICRACCCS 2016 is an international forum for researchers, developers, and end-users to explore cutting-edge ideas and results for the problems involved in the general areas of communication, computational sciences and technology to disseminate and share novel research solutions to real-life problems that fulfill the needs of heterogeneous applications and environments, as well to identify new issues and directions for future research and development. ICRACCCS also provides an international communication platform for educational technology and scientific research for the universities and engineering field experts, and professionals.

Nowadays globalization of academic and applied research is growing with great pace. Computer, communication, and computational sciences are hot areas with a lot of thrust. Keeping this ideology in preference, **Janardan Rai Nagar Rajasthan Vidyapeeth University, Udaipur, India**, has come up with international event. ICRACCCS 2016 has a foreseen objective of enhancing the research activities at a large scale. Technical Program Committee and Advisory Board of ICRACCCS include eminent academicians, researchers and practitioners from abroad as well as from all over the nation.

Udaipur, formerly the capital of the Mewar Kingdom, is a city in the western Indian state of Rajasthan. Founded by Maharana Udai Singh II in 1559, it is set around a series of artificial lakes and is known for its lavish royal residences. City Palace, overlooking Lake Pichola, is a monumental complex of 11 palaces, courtyards and gardens, famed for its intricate peacock mosaics. Udaipur city is also referred to as the “**Venice of the East**”, the “**Most Romantic City of India**” and the “**Kashmir of Rajasthan**”. Udaipur the “**City of Lakes**” is one among the most romantic and most beautiful cities of India. The city of Dawn, Udaipur is a lovely land around the azure water lakes, hemmed in by the lush hills of the Aravalis.

Janardan Rai Nagar Rajasthan Vidyapeeth University, which was recognized in 1987 and established on 21st August, 1937 by Manishi Pandit Janardan Rai Nagar, an eminent educationalist, social worker and freedom fighter, with his team of dedicated worker. The University is now all set to take Higher Education to the masses that are still not getting benefits of various researches done for the socioeconomic and cultural values. The institution is not only spreading its wings of education in the country itself but has also entered into the area of international studies through academic exchange of its students and faculty members to Slippery Rock University a prestigious University of USA. This is a step forward to the academic excellence and towards providing opportunity to the students and teachers of Rajasthan Vidyapeeth.

ICRACCCS 2016 received around 300 submissions from around 662 authors of 15 different countries such as USA, Algeria, China, Saudi Arabia, and many more. Each submission has been gone through the plagiarism check. On the basis of plagiarism report, each submission was rigorously reviewed by at least two reviewers with an average of 2.07 per reviewer. Even some submissions have more than two reviews. On the basis of these reviews, 48 high quality papers were selected for publication in this proceedings volume, with an acceptance rate of 17%.

We are thankful to the speakers: Prof. Mohan Kohle, University of Agder, Norway, Dr. B.K. Panigrahi, IIT Delhi, Mr. Subhash Jagota, CEO, Global Business Solutions Pvt. Ltd., India, delegates and the authors for their participation and their interest in ICRACCCS as a platform to share their ideas and innovation. We are also thankful to the Prof. Dr. Khafa, Fatos, Series Editor, LNDECT, Springer and Mr. Aninda Bose, Senior Editor, Hard Sciences, Springer for providing continuous guidance and support. Also, we extend our heartfelt gratitude and thanks to the reviewers and Technical Program Committee Members for showing their concern and efforts in the review process. We are indeed thankful to everyone directly or indirectly associated with the conference organizing team, leading it towards the success.

We hope you enjoy the conference proceedings and wish you all the best.

Udaipur, India

Organizing Committee  
ICRACCCS 2016

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