

Lecture Notes in Networks and Systems 321

Milan Tuba
Shyam Akashe
Amit Joshi *Editors*

ICT Systems and Sustainability

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Milan Tuba · Shyam Akashe · Amit Joshi
Editors

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Editors

Milan Tuba
Singidunum University
Belgrade, Serbia

Shyam Akashe 
ITM University
Gwalior, Madhya Pradesh, India

Amit Joshi
Global Knowledge Research Foundation
Ahmedabad, Gujarat, India

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Preface

The Sixth International Conference on ICT for Sustainable Development (ICT4SD 2021) targets theory, development, applications, experiences, and evaluation of interaction sciences with fellow students, researchers, and practitioners.

The conference may concern any topics within the conference scope. Workshops may be related to any topics within the conference scope. The conference is devoted to increase 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 was to be held during August 5–6, 2021, at Hotel Vivanta, Panaji, Goa, India, but due to the pandemic, this year it was organized through digital mode and few of the papers were presented physically at the venue on August 6, 2021. The conference was organized by the Global Knowledge Research Foundation, Supporting Partner InterYIT, International Federation for Information Processing, State Chamber Partner Goa Chamber of Commerce & Industry, and National Chamber Partner Knowledge Chamber of Commerce & Industry.

Research submissions in various advanced technology areas were received after a rigorous peer review process with the help of program committee members and 193 external reviewers for 850+ papers from 16 different countries including Algeria, the USA, United Arab Emirates, Serbia, Qatar, Mauritius, Egypt, Saudi Arabia, Ethiopia, Oman out of which 180 were accepted with an acceptance ratio of 0.17.

Technology is the driving force of progress in this era of globalization. Information and communication technology (ICT) has become a functional requirement for the socioeconomic growth and sustained development of any country. The influence of information 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.

The summit will be addressed by eminent dignitaries including Shri Nitin Kunkolienker, President, MAIT; Shri. Prajyot Mainkar, Chairman, IT Committee of Goa Chamber of Commerce and Industry; Mike Hinchey, President, IFIP, and Chair, IEEE, UK and Ireland; Milan Tuba, Vice Rector for International Relations, Singidunum University, Serbia; Prof. Jagdish Bansal, India; Mr. Aninda Bose, Springer; and Dr. Amit Joshi, Director, GR Foundation. The overall conference had one inaugural session, one keynote session, and 18 technical sessions during these two days.

Belgrade, Serbia
Gwalior, India
Ahmedabad, India

Milan Tuba
Shyam Akashe
Amit Joshi

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Editors and Contributors

About the Editors

Milan Tuba received his B.S. and M.S. in Mathematics, and M.S., M.Ph., and Ph.D. in Computer Science from the University of Belgrade and New York University, Courant Institute of Mathematical Sciences. He is a full professor and the Vice Rector for International Relations, Singidunum University, Belgrade, Serbia and was the Head of the Department for Mathematical Sciences at State University of Novi Pazar and the Dean of the Graduate School of Computer Science at John Naisbitt University. He is listed in both lists of the 2020 World's Top 2% Scientists in all disciplines by Stanford University, the one for overall career contribution and the second for contribution in the previous year. He was invited and delivered around 60 keynote and plenary lectures at international congresses and conferences. Professor Tuba is the author or coauthor of almost 300 scientific papers. His research interest includes nature-inspired optimizations applied to image processing, computer networks, and neural networks. He is an editor, coeditor or member of the editorial board or scientific committee of a number of scientific journals and conferences. Member of the ACM, IEEE, AMS, SIAM, IFNA, IASEI.

Shyam Akashe is a Professor at ITM University, Gwalior, Madhya Pradesh, India. He completed his Ph.D. at Thapar University, Punjab, and his M.Tech. in Electronics and Communication Engineering at the Institute of Technology & Management, Gwalior. He has authored 190 publications, including more than 50 papers in SCI-indexed journals. His main research focus is low-power system on chip (SoC) applications in which static random access memories (SRAMs) are omnipresent. He has authored two books entitled Moore's Law Alive: Gate-All-Around (GAA) Next Generation Transistor published by LAMBERT Academic Publishing, Germany, and Low Power High Speed CMOS Multiplexer Design published by Nova Science Publishers, Inc., New York, USA. He has also published over 120 papers in leading national and international refereed journals of repute. Dr. Akashe has participated in numerous national and international conferences and presented over 100 papers.

Amit Joshi is currently the Director of Global Knowledge Research Foundation, also an Entrepreneur & Researcher who has completed his Masters and research in the areas of cloud computing and cryptography in medical imaging. Dr. Joshi has an experience of around 10 years in academic and industry in prestigious organizations. Dr. Joshi is an active member of ACM, IEEE, CSI, AMIE, IACSIT, Singapore, IDES, ACEEE, NPA, and many other professional societies. Currently, Dr. Joshi is the International Chair of InterYIT at International Federation of Information Processing (IFIP, Austria). He has presented and published more than 50 papers in national and international journals/conferences of IEEE and ACM. Dr. Joshi has also edited more than 40 books which are published by Springer, ACM, and other reputed publishers. Dr. Joshi has also organized more than 50 national and international conferences and programs in association with ACM, Springer, and IEEE to name a few across different countries including India, UK, Europe, USA, Canada, Thailand, Egypt, and many more.

Contributors

A. R. Abdul Rajak EEE Department, Birla Institute of Technology and Science, Dubai, United Arab Emirates

Manish Kumar Abhishek Department of CSE, Koneru Lakshmaiah Education Foundation, Vaddeswaram, India

A. Abirami Bannari Amman Institute of Technology, Erode, India

K. Adi Narayana Reddy BVRIT Hyderabad College of Engineering for Women, Hyderabad, India

S. Aditya CSE, Thiagarajar College of Engineering, Madurai, India

M. Afshar Alam Department of Computer Science and Engineering, School of Engineering Sciences and Technology, New Delhi, India

Samyak Agarkar CSE Department, Priyadarshini Bhagwati College of Engineering, Nagpur, Maharashtra, India

Ayush Agarwal Graphic Era Hill University, Bhimtal, Uttarakhand, India

Parul Agarwal Department of Computer Science and Engineering, New Delhi, Delhi, India

Swati Aggarwal Netaji Subhas Institute of Technology, New Delhi, India

Pallavi Ahire Department of Technology, Savitribai Phule Pune University, Pune, India

Jawed Ahmed Department of Computer Science and Engineering, School of Engineering Sciences and Technology, New Delhi, Delhi, India

Rozha Kamal Ahmed Information Systems Group, Tallinn University of Technology, Tallinn, Estonia

R. Aishwarya Department of Computer Science and Engineering, St. Joseph's College of Engineering, Chennai, India

V. B. Aiswarya Department of Computer Science, Presidency University, Bengaluru, Karnataka, India

M. Ajitha Department of Computer Science and Engineering, St. Joseph's College of Engineering, Chennai, India

M. Alagumeenaakshi Kumaraguru College of Technology, Coimbatore, Tamil Nadu, India

Sreejith Alathur National Institute of Technology Karnataka, Mangalore, India

Ramesh Alladi ACE Engineering College, Hyderabad, India

Shreya Anekar Department of Information Technology, MKSSS's Cummins College of Engineering for Women, Pune, Maharashtra, India

Gatera Antoine African Center of Excellence in Internet of Things, College of Science and Technology, University of Rwanda, Kigali, Rwanda

Ritu Arora Birla Institute of Technology and Science, Pilani, India

Shweta Arora Graphic Era Hill University, Bhimtal, Uttarakhand, India

C. Arun Department of Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai, India

Vishal S. Badgujar Department of Information Technology, A. P. Shah Institute of Technology, Thane, Mumbai, India

Mahima Badjate MKSSS's Cummins College of Engineering for Women, Pune, India

Bikash Chandra Bag National Institute of Technology Mizoram, Chaltlang, Aizawl, India

Tejaswini Bahurupi Computer Engineering Department, Sarvajanic College of Engineering and Technology, Surat, India

Gaurav Bajpai Department of Computer and Software Engineering, College of Science and Technology, University of Rwanda, Kigali, Rwanda

Soham Balkothe Department of Information Technology, Yeshwantrao Chavan College of Engineering, Nagpur, Maharashtra, India

Arnav Balyan Netaji Subhas Institute of Technology, New Delhi, India

Archita Banerjee JIS Institute of Advanced Studies and Research, JIS University, Kolkata, India

Kousik Barik JIS Institute of Advanced Studies and Research, JIS University, Kolkata, India

Pranav Bathija Thadomal Shahani Engineering College, Mumbai, India

Devyani Bhamare Sanjivani College of Engineering, Kopergaon, India

Prashant Bhandari Department of Computer Engineering, Pune Vidyarthi Griha's College of Engineering and Technology Affiliated to Savitribai Phule Pune University, Pune, India

K. R. Bharathi Computer Science and Engineering, Vidyavardhaka College of Engineering, Mysuru, India

Ashish Bhat Thadomal Shahani Engineering College, Mumbai, India

Samit Bhattacharya Indian Institute of Technology, Guwahati, Assam, India

Adwait Bhope Department of Computer Engineering, Pune Vidyarthi Griha's College of Engineering and Technology Affiliated to Savitribai Phule Pune University, Pune, India

Nachiket Bhuta Department of Information Technology, K. J. Somaiya College of Engineering, Mumbai, India

M. Bhuvaneshwari CSE, Thiagarajar College of Engineering, Madurai, India

L. Bilvashree Computer Science and Engineering, Vidyavardhaka College of Engineering, Mysuru, India

G. Bindu Bharati JNTU Kakinada, Lakireddy Bali Reddy College of Engineering, Mylavaram, India

Narendra Bisht Graphic Era Hill University, Bhimtal, Uttarakhand, India

Saroj Kr. Biswas NIT Silchar, Fakiratilla, Silchar, Assam, India

Hasnain Bokhari University of Erfurt, Erfurt, Germany

Jyoti G. Borade Department of Computer Engineering, Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad, India

H. A. Brinda Nadig Computer Science and Engineering, Vidyavardhaka College of Engineering, Mysuru, India

A. K. Buvanagri Department of Information Technology, SSN College of Engineering, Chennai, Tamil Nadu, India

Imon Chakraborty UQ-IITD Academy of Research, Indian Institute of Technology, Delhi, India

Manomita Chakraborty NIT Silchar, Fakiratilla, Silchar, Assam, India

V. Deeban Chakravarthy SRM University, Kattankulathur, Chennai, Tamilnadu, India

S. H. Chandak Department of IT, PICT, Pune, India

Dara Sujith Chandra SRM University, Kattankulathur, Chennai, Tamilnadu, India

V. Chandra Sekhar Reddy ACE Engineering College, Hyderabad, India

Madan Chandrashekar Infineon Technologies India Private Limited, Bengaluru, India

Soumyadip Chatterjee Edifixio India Private Limited, Newtown, Kolkata, West Bengal, India

Pallavi Chatuphale University Department of Computer Sciences, University of Mumbai, Mumbai, India

Harsh Chawla Thadomal Shahani Engineering College, Mumbai, India

R. R. Chhajed Department of IT, PICT, Pune, India

Dhairya Chheda Shah and Anchor Kutchhi Engineering College, Mumbai, India

Virti Choksi Sarvajani College of Engineering and Technology, Gujarat, India

Nupur Chugh Netaji Subhas Institute of Technology, New Delhi, India

John Colaco Department of Electronics and Telecommunication Engineering, Goa Engineering College, Ponda, Goa, India

Het Dalal Computer Engineering Department, Sarvajani College of Engineering and Technology, Surat, India

Shweta Dalal Sarvajani College of Engineering and Technology, Gujarat, India

Dhara N. Darji Department of Computer Science, Ganpat University, Gujarat, India

L. N. Das Department of Applied Mathematics, Delhi Technological University, New Delhi, India

Saptarshi Das JIS Institute of Advanced Studies and Research, JIS University, Kolkata, India

Soumen Das NIT Silchar, Fakiratilla, Silchar, Assam, India

Sarosh Dastoor Sarvajani College of Engineering and Technology, Gujarat, India

Yash Deep Infineon Technologies India Private Limited, Bengaluru, India

S. Deepthi Prime Nest College of Architecture and Planning, Trichy, Affiliated To Anna University, Chennai, Tamilnadu, India

Jaimin Desai NMIMS University, Mumbai, India

A. V. Deshpande Department of Computer Engineering, S.K.N. College of Engineering, Pune, India

Arti Deshpande Thadomal Shahani Engineering College, Mumbai, India

Prajakta Deshpande MKSSS's Cummins College of Engineering for Women, Pune, India

S. Devika Saintgits College of Engineering, Kottayam, India

Rohan Dhamale Department of Computer Engineering, Pune Vidyarthi Griha's College of Engineering and Technology Affiliated to Savitribai Phule Pune University, Pune, India

S. C. Dharmadhikari Department of IT, PICT, Pune, India

Roshani K. Dharme G.H. Raison Institute of Engineering and Technology, Nagpur, India

P. Divya Department of Computer Science, Presidency University, Bengaluru, Karnataka, India

Mrudul Dixit MKSSS'S Cummins College of Engineering for Women, Pune, India

Jyotshna Dongardive University Department of Computer Sciences, University of Mumbai, Mumbai, India

Dirk Draheim Information Systems Group, Tallinn University of Technology, Tallinn, Estonia

Asha Durafe Shah & Anchor Kutchhi Engineering College, Chembur, Mumbai, India;

Sir Padampat Singhanvia University, Udaipur, Rajasthan, India

Rajendra Kumar Dwivedi Department of IT, CAMMMUT, Gorakhpur, UP, India

Fatemeh Eskandari Information Systems Group, Tallinn University of Technology, Tallinn, Estonia

Priya Fernandes Department of Information Technology, K. J. Somaiya College of Engineering, Mumbai, India

M. Ganeshan Department of Computer Science and Engineering, Jain Deemed to be University, Bangalore, India

Sachi Gawai Ram Rao Adik Institute of Technology, University of Mumbai, Mumbai, India

Ujwalla Gawande Department of Information Technology, Yeshwantrao Chavan College of Engineering, Nagpur, Maharashtra, India

Sakshi Gehani Narsee Monjee Institute of Management Studies, Mumbai, India

Hanna Susan George Saintgits College of Engineering, Kottayam, India

D. I. George Amalarethinam Department of Computer Science, Jamal Mohamed College (Autonomous), Affiliated to Bharathidasan University, Tiruchirappalli, Tamil Nadu, India

Sumedh Ghatwai Department of Information Technology, Yeshwantrao Chavan College of Engineering, Nagpur, Maharashtra, India

Ramyani Ghosh PES University, Bangalore, Karnataka, India

Sandeep Ghosh College of Engineering and Management, Kolaghat, West Bengal, India

Shubham Goswami Department of Electronics and Telecommunications, Symbiosis International (Deemed University), Pune, India

S. Govindu Lakireddy Bali Reddy College of Engineering, Mylavaram, Andhra Pradesh, India

S. Gowthami JNTU Kakinada, Lakireddy Bali Reddy College of Engineering, Mylavaram, India

Hansraj Guhilot K. C. College of Engineering and Management Studies, Mumbai, India

Kapil Hande CSE Department, Priyadarshini Bhagwati College of Engineering, Nagpur, Maharashtra, India

M. Haripriya CSE, Thiagarajar College of Engineering, Madurai, India

K. Harshitha Computer Science and Engineering, Vidyavardhaka College of Engineering, Mysuru, India

Vinayak Hegde Department of Computer Science, Amrita School of Arts and Sciences, Amrita Vishwa Vidyapeetham, Mysuru, India

P. S. Hiremath KLE Technological University, Hubballi, Karnataka, India

Shivanand C. Hiremath R. N. Shetty Polytechnic College, Belagavi, Karnataka, India

P. Vigneswara Ilavarasan Department of Management Studies, Indian Institute of Technology, Delhi, India

Purva Ingle MIT World Peace University, Pune, India

V. Jaikumar QIS College of Engineering and Technology, Ongole, Andhra Pradesh, India

Jayshree Jain Department of Computer Engineering, Pacific Academic Higher Education and Research University, Udaipur, India

Rituraj Jain Department of Electrical and Computer Engineering, Wollega University, Nekemte, Ethiopia

Siddhi Jariwala Computer Engineering Department, Sarvajanik College of Engineering and Technology, Surat, India

Kayalvizhi Jayavel Department of Information Technology, SRM Institute of Science and Technology, Chennai, India

Ravi Shankar Jha KIIT School of Management, KIIT University (Institution of Eminence), Bhubaneswar, India

Nithin Prince John Saintgits College of Engineering, Kottayam, India

Greshma Johnson Saintgits College of Engineering, Kottayam, India

Anjal A. Jose Saintgits College of Engineering, Kottayam, India

Kavita Ajay Joshi Graphic Era Hill University, Bhimtal, Uttarakhand, India

Mohit Hiteshkumar Joshi Department of Management Studies, Indian Institute of Technology, Delhi, India

Pratyush Joshi Department of Information Technology, Yeshwantrao Chavan College of Engineering, Nagpur, Maharashtra, India

Prutha Joshi Department of Computer Engineering, Pune Vidyarthi Griha's College of Engineering and Technology Affiliated to Savitribai Phule Pune University, Pune, India

Bintu Kadhiwala Computer Engineering Department, Sarvajanik College of Engineering and Technology, Surat, India

Sumit Kale Sinhgad Institute of Technology, Lonavla, India

Praveen Kalkundri Gogte Institute of Technology, Udyambag, Belgaum, Karnataka, India

Urmila Kalshetti Department of Computer Engineering, Pune Vidyarthi Griha's College of Engineering and Technology Affiliated to Savitribai Phule Pune University, Pune, India

N. S. Kalyan Chakravathy QIS College of Engineering and Technology, Ongole, Andhra Pradesh, India

Vinod Kamat Department of Computer Engineering, Pune Vidyarthi Griha's College of Engineering and Technology Affiliated to Savitribai Phule Pune University, Pune, India

Rutuja Kamble Sinhgad Institute of Technology, Lonavla, India

Parth Kapadia Computer Engineering Department, Sarvajanik College of Engineering and Technology, Surat, India

S. Karthika Department of Information Technology, SSN College of Engineering, Chennai, Tamil Nadu, India

Karamjeet Kaur Department of Computer Science, MGM College of Engineering and Technology, Noida, India

Shubhpreet Kaur Lovely Professional University, Punjab, India

Tarandeep Kaur Lovely Professional University, Phagwara, Punjab, India

B. S. Kavyashree Computer Science and Engineering, Vidyavardhaka College of Engineering, Mysuru, India

Abdalganiy Kebede Indian Institute of Technology, Guwahati, Assam, India

Amit Kharat DeepTek Inc, Pune, India

Arvind W. Kiwelekar Department of Computer Engineering, Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad, India

Chaitali Koley National Institute of Technology Mizoram, Chaltlang, Aizawl, India

Shivani Krishna Kompella Birla Institute of Technology and Science, Dubai, United Arab Emirates

Karabi Konar JIS Institute of Advanced Studies and Research, JIS University, Kolkata, India

Pranali Kosamkar MIT World Peace University, Pune, India

Y. Kranthi Kumar Reddy Department of CSE, Lakireddy Bali Reddy College of Engineering (A), Mylavaram, Krishna, Andhra Pradesh, India

L. V. Krishna Rao JNTU Kakinada, Lakireddy Bali Reddy College of Engineering, Mylavaram, India

K. Keerthi Krishnan Center for Computational Engineering Networking (CEN), Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore, India

Manish Gawali Viraj Kulkarni Deeptek Inc., Pune, India

Viraj Kulkarni DeepTek Inc, Pune, India

Vrushali Kulkarni MIT World Peace University, Pune, India

Akhilesh Kumar Electronics Engineering Department, Institute of Engineering and Rural Technology, Prayagraj, UP, India

N. S. Kumar PES University, Bangalore, Karnataka, India

Sanjeev Kumar Department of Electronics and Telecommunications, Symbiosis International (Deemed University), Pune, India

Santhi Kumaran School of ICT, The Copperbelt University, Kitwe, Zambia

Harsha C. Kunwar G.H. Raison Institute of Engineering and Technology, Nagpur, India

Martin Kuradusenge African Centre of Excellence in Internet of Things, University of Rwanda, Kigali, Rwanda

Ming Li University of Michigan-Flint, Flint, MI, USA

Rajesh B. Lohani Department of Electronics and Telecommunication Engineering, Goa Engineering College, Ponda, Goa, India

Rohit Lokwani DeepTek Inc, Pune, India

Harshit Madaan Indian Institute of Science Education and Research, Pune, India; DeepTek Inc., Pune, India

J. Madhupriya Department of Computer Science, Jamal Mohamed College (Autonomous), Affiliated to Bharathidasan University, Tiruchirappalli, Tamil Nadu, India

Shiddalingeshwar Madli Infineon Technologies India Private Limited, Bengaluru, India

Parikshit N. Mahalle Department of Computer Engineering, S.K.N. College of Engineering, Pune, India

Geetanjali S. Mahamunkar Department of Computer Engineering, Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad, India

Amit Maity College of Engineering and Management, Kolaghat, West Bengal, India

Hirak Kumar Maity College of Engineering and Management, Kolaghat, West Bengal, India

Jayashree D. Mallapur Basaveshwar Engineering College, Bagalkot, Karnataka, India

Surajit Mandal B.P. Poddar Institute of Management and Technology, Kolkata, West Bengal, India

V. V. Mandhare Sanjivani College of Engineering, Kopargaon, India; Pravara Rural Engineering College, Loni, India

K. A. Manjunath Infineon Technologies India Private Limited, Bengaluru, India

Manisha Marathe Department of Computer Engineering, Pune Vidyarthi Griha's College of Engineering and Technology Affiliated to Savitribai Phule Pune University, Pune, India

R. Meenakshi Department of Information Technology, SSN College of Engineering, Chennai, Tamil Nadu, India

V. S. Meghana PES University, Bangalore, Karnataka, India

Nalini Mhetre Department of Computer Engineering, Sinhgad College of Engineering, Pune, India

Chomora Mikeka Department of Physics, University of Malawi, Zomba, Malawi

Jean Baptiste Minani Concordia University, Montreal, QC, Canada

Vedant Modi MIT World Peace University, Pune, India

Monu Department of Applied Mathematics, Delhi Technological University, New Delhi, India

Nilkamal More Department of Information Technology, K. J. Somaiya College of Engineering, Mumbai, India

Surya Musunuri Infineon Technologies India Private Limited, Bengaluru, India

Rohit Mutalik Shah and Anchor Kutchhi Engineering College, Mumbai, India

Kshittij Naik Computer Engineering Department, Sarvajanic College of Engineering and Technology, Surat, India

Sapan Naik Babu Madhav Institute of Information Technology, Uka Tarsadia University, Surat, Gujarat, India

Deepa Nainwal Graphic Era Hill University, Bhimtal, Uttarakhand, India

Girish Nainwal Graphic Era Hill University, Bhimtal, Uttarakhand, India

Vaibhav Narawade Department of Computer Engineering, Ramrao Adik Institute of Technology, Navi Mumbai, India

Vaibhav E. Narawade Department of Computer Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai, India

Preet Nain Kaur Narula Graphic Era Hill University, Bhimtal, Uttarakhand, India

Shreyas Nemade Department of Information Technology, Yeshwantrao Chavan College of Engineering, Nagpur, Maharashtra, India

Laxman D. Netak Department of Computer Engineering, Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad, India

Tanvi Oka MKSSS'S Cummins College of Engineering for Women, Pune, India

Sushila Paliwal Department of Computer Science and Engineering, School of Engineering Sciences and Technology, New Delhi, India

M. S. Pallavi Department of Computer Science, Amrita School of Arts and Sciences, Amrita Vishwa Vidyapeetham, Mysuru, India

Yogesh H. Palve MVPS's KBT COE, Nashik, India

Siba Panda Mentor, Narsee Monjee Institute of Management Studies, Mumbai, India

Amrees Pandey Department of Electronics and Communication, University of Allahabad, Prayagraj, UP, India

Chiranjeevi Pandi ACE Engineering College, Hyderabad, India

Aniruddha Pant Deeptek Inc., Pune, India

Satyen M. Parikh Faculty of Computer Applications, Ganpat University, Gujarat, India

Suraiya Parveen Department of Computer Science and Engineering, School of Engineering Sciences and Technology, New Delhi, India

Sagupha Parween College of Engineering and Technology, Bhubaneswar, Odisha, India

Prachi Patankar MKSSS'S Cummins College of Engineering for Women, Pune, India

Hiral R. Patel Department of Computer Science, Ganpat University, Gujarat, India

Toral Patel MKSSS's Cummins College of Engineering for Women, Pune, India

Vinod Patidar Sir Padampat Singhania University, Udaipur, Rajasthan, India

Akshita Patil Department of Information Technology, K. J. Somaiya College of Engineering, Mumbai, India

Prakashgouda Patil KLE Technological University, Hubballi, Karnataka, India

Tsarina Patnaik Department of Electronics and Telecommunications, Symbiosis International (Deemed University), Pune, India

Seemakurthi Sri Sathya Pavan SRM University, Kattankulathur, Chennai, Tamilnadu, India

Tanmay D. Pawar Electronics Engineering, Birla Vishvakarma Mahavidyalaya, Anand, Gujarat, India

Yash Pazare Sinhgad Institute of Technology, Lonavla, India

P. H. Phanindra Department of CSE, Lakireddy Bali Reddy College of Engineering (A), Mylavaram, Krishna, Andhra Pradesh, India

Saniya Ponkshe MKSSS's Cummins College of Engineering for Women, Pune, India

Sneha Prasad Department of Electronics and Telecommunications, Symbiosis International (Deemed University), Pune, India

Anju Pratap Saintgits College of Engineering, Kottayam, India

S. M. Praveenkumar KLE Technological University, Hubballi, Karnataka, India

Anitha Premkumar Department of Computer Science, Presidency University, Bengaluru, Karnataka, India

S. Priyenka Department of Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai, India

Biswajit Purkayastha NIT Silchar, Fakiratilla, Silchar, Assam, India

S. RadhaKrishnan Prime Nest College of Architecture and Planning, Trichy, Affiliated To Anna University, Chennai, Tamilnadu, India

Vinay Raj BVRIT HYDERABAD College of Engineering for Women, Hyderabad, India

Annie Rajan Dhempe College of Arts and Science, Panaji, India

A. Rajesh Department of Computer Science and Engineering, Jain Deemed to be University, Bangalore, India

Varshini Rajesh Birla Institute of Technology and Science, Dubai, United Arab Emirates

D. Rajeswara Rao Department of CSE, Koneru Lakshmaiah Education Foundation, Vaddeswaram, India

Ashish P. Ramdasi Hindustan Institute of Technology and Science, Chennai, India

Komal Ramdey Willy Brandt School of Public Policy, University of Erfurt, Erfurt, Germany

Rasya Ramesh PES University, Bangalore, Karnataka, India

Yash Rana Babu Madhav Institute of Information Technology, Uka Tarsadia University, Surat, Gujrat, India

Kalkundri Ravi K. L. S. Gogte Institute of Technology, Belagavi, Karnataka, India

Sadam Ravichandra National Institute of Technology, Warangal, India

Shivani Rege MKSSS'S Cummins College of Engineering for Women, Pune, India

Sneha Rohida MKSSS's Cummins College of Engineering for Women, Pune, India

Sk. Sabiha Naazneen JNTU Kakinada, Lakireddy Bali Reddy College of Engineering, Mylavaram, India

Jasim Sadique Department of Computer Science, Presidency University, Bengaluru, Karnataka, India

L. Sagarika Department of Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai, India

Priti Ranjan Sahoo KIIT School of Management, KIIT University (Institution of Eminence), Bhubaneswar, India

N. V. V. N. Sai Charan Department of CSE, Lakireddy Bali Reddy College of Engineering (A), Mylavaram, Krishna, Andhra Pradesh, India

S. Sai Vamsi JNTU Kakinada, Lakireddy Bali Reddy College of Engineering, Mylavaram, India

Saziabegum Saiyed S.S.Agrawal Institute of Management and Technology, Navsari, Gujarat, India

Priti Sajja G.H.Patel PG Department of Computer Science and Technology, Sardar Patel University, Vallabh Vidhyanagar, Anand, Gujarat, India

Ambuja Salgaonkar Department of Computer Science, University of Mumbai, Mumbai, India

Kesia Sam Saintgits College of Engineering, Kottayam, India

Ekta Sarda Faculty of Computer Engineering, Pacific Academy of Higher Education and Research University, Udaipur, India

R. Sarunisha CSE, Thiagarajar College of Engineering, Madurai, India

S. Sathyalakshmi Hindustan Institute of Technology and Science, Chennai, India

Dibyendu Seal Tata Consultancy Services, Kolkata, India

Reshmita Seal Techno Main Saltlake, Kolkata, India

Jitesh Seth Indian Institute of Science Education and Research, Pune, India; DeepTek Inc, Pune, India

Mayur M. Sevak Gujarat Technological University, Gujarat, India

Karvin Shah Sarvajanic College of Engineering and Technology, Gujarat, India

Mahtab Shahin Information Systems Group, Tallinn University of Technology, Tallinn, Estonia

Zeeshan Shaikh Shah and Anchor Kutchhi Engineering College, Mumbai, India

R. Shanthi Priya School of Architecture and Interior Design, SRM Institute of Science and Technology, Kattankulanthur, Tamilnadu, India

A. K. Sharma Department of CSI, University of Kota, Kota, India

Ashok Sharma Lovely Professional University, Punjab, India

Yashvardhan Sharma Birla Institute of Technology and Science, Pilani, India

A. Sheryl Oliver Department of Computer Science and Engineering, St. Joseph's College of Engineering, Chennai, India

Shilpa Lovely Professional University, Phagwara, Punjab, India

M. Shilpa Department of Computer Science, Amrita School of Arts and Sciences, Amrita Vishwa Vidyapeetham, Mysuru, India

R. Shirisha Department of Computer Science, Presidency University, Bengaluru, Karnataka, India

Nishant Shrikhande Department of Information Technology, Yeshwantrao Chavan College of Engineering, Nagpur, Maharashtra, India

Bushra Siddique Aligarh Muslim University, Aligarh, India

Amandeep Singh National Institute of Technology, Warangal, India

Chanavi Singh MIT World Peace University, Pune, India

Naveen Singh Tata Consultancy Services (TCS), Nagpur, India

Sachchidanand Singh IBM India Software Labs (ISL), Pune, India

Subham Singh College of Engineering and Management, Kolaghat, West Bengal, India

Umesh Kumar Singh Institute of Computer Science, Vikram University, Ujjain, India

Vinay Singh Madan Mohan Malaviya University of Technology (MMMUT), Gorakhpur, India

Smrutirekha KIIT School of Management, KIIT University (Institution of Eminence), Bhubaneswar, India

S. Sneha Department of Electronics and Communication Engineering, RMK College of Engineering and Technology, Chennai, India

K. P. Soman Center for Computational Engineering Networking (CEN), Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore, India

Harsha Sonune Department of Information Technology, MKSSS's Cummins College of Engineering for Women, Pune, Maharashtra, India

T. V. N. S. R. Sri Mounika Department of CSE, Lakireddy Bali Reddy College of Engineering (A), Mylavaram, Krishna, Andhra Pradesh, India

Rashmi Srivastava Department of IT, CA MMMUT, Gorakhpur, UP, India

Stevin Mathew Suban Saintgits College of Engineering, Kottayam, India

M. M. Sufyan Beg Aligarh Muslim University, Aligarh, India

P. Sumithabhashini SAMSKRUTI College of Engineering and Technology, Hyderabad, India

Riya Suri Department of Information Technology, K. J. Somaiya College of Engineering, Mumbai, India

Jaya R. Surywanshi MVPS's KBT COE, Nashik, India

J. N. Swaminathan QIS College of Engineering and Technology, Ongole, Andhra Pradesh, India