

Special Session Title
Automation IoT based Smart Navigation based Network Communication, & Knowledge Management

Session Chair

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Call for Papers

The special session on **Automation IoT based Smart Navigation based Network Communication, & Knowledge Management** as a platform for industry professionals, academics, researchers, scientists, consultants and policy makers to interact and discuss various issues in innovative ideas for multi dimension of automation science, space science, navigation technologies, cloud computing, knowledge technology, Big Data & software engineering as a key enabler of exploring research oriented ideas for making valuable impacts in automation industry, IoT, Security issues, Digital India and smart India. Innovation of Technologies in its purest form has changed a lot of times in modern Era. From the early stages of the mainframes where larger and more expensive, to smaller and more affordable personal computers and servers to a newer, emerging technology, cloud computing. It is an emerging research topic widely discussed within the community of distributed systems and Grid computing experts.

Topics of interest include, but are not limited to:

- Robotic Science
- Machine Automation
- IoT based Agriculture, service-oriented computing
- Electronic Government , data/text mining,
- Modern Healthcare big data, business analytics, healthcare informatics,
- Modern Data Structure, Virtual Private Network , Network Simulation
- Image Processing , Economic Analysis, Gesture Technology Transformation, Green Engineering

Biography:



Dr. Soumi Dutta is an Associate Professor and Assistant HOD of partment of Computer Application at the Institute of Engineering & Management, India. She has completed her Ph.D. from the Department of CST, IEST, Shibpur. She received her B.Tech. in IT and her M.Tech. in CSE securing 1st position(Gold medalist), both from Techno India Group. Her research interests Data Mining, Information Retrieval, Online Social Media Analysis, Micro-Blog Summarization, Spam Filtering Sentiment Analysis, and Clustering of Micro-Blogging Data. She was the editor in CIPR2019, IEMIS2018 Springer Conference for 3 volumes, special issue 2 volumes in IJWLTT, IEMIS 2020 and CIPR 2020. She is TPC member in various international conferences suchas - SEAHF, DSMLA, ARIAM, CIPR. She is peer reviewer in different international journal such as - Journal of King Saud University - Computer and Information Sciences, Springer, Elsevier etc. She is the member of several technical functional bodies such as IEEE, MACUL, SDIWC, ISOC, ICSES, IEEE WIE. She has published several papers in reputed journals and conferences.



Mr. Bharat Bhushan is an Assistant Professor of Department of Computer Science and Engineering (CSE) at School of Engineering and Technology, Sharda University, Greater Noida, India. He is an alumnus as well as a Ph.D. scholar of Birla Institute of Technology, Mesra. He received his Undergraduate Degree (B-Tech in Computer Science and Engineering) with Distinction in 2012 and received his Postgraduate Degree (M-Tech in Information Security) with Distinction in 2015 from Birla Institute of Technology, Mesra, India. He earned numerous international certifications such as Cisco Certified Network Associate (CCNA), Cisco Certified Entry Networking Technician (CCENT), Microsoft Certified Technology Specialist (MCTS), Microsoft Certified IT Professional (MCITP) and Cisco Certified Network Professional Trained (CCNP). In the last three years, he has Published more than 80 research papers in various renowned International conferences and SCI indexed journals including Wireless Networks (Springer), Wireless Personal Communications (Springer), Sustainable Cities and Society (Elsevier) and Emerging Transactions on Telecommunications (Wiley). He has contributed with more than 20 book chapters in various books and is currently in the process of editing 7 books from the most famed publishers like Elsevier, IGI Global, and CRC Press. He has served as a Reviewer/Editorial Board Member for several reputed international journals including IEEE Access, IEEE Communication Surveys and Tutorials and Wireless Personal Communication (Springer). He has also served as Speaker and Session Chair at more than 15 National and International Conferences. His current research interests include Wireless Sensor Networks (WSNs), Internet of Things (IoT) and Blockchain technology. In the past, he worked as an assistant professor at HMR Institute of Technology and Management, New Delhi and Network Engineer in HCL Infosystems Ltd., Noida. He has qualified GATE exams for successive years and gained the highest percentile

of 98.48 in GATE 2013. He is also a member of numerous renowned bodies including IEEE, IAENG, CSTA, SCIEI, IAE and UACEE.