



5th International Conference on Advanced Machine Learning Technologies and Applications (AMLTA-2020)
Manipal University Jaipur, Jaipur, Rajasthan, India
February 13-15, 2020.

Special Session on

Design Issues and Security Vulnerabilities in Information Communication Technology (DISVICT)

Special Session Organizer(s):

1. Bharat Bhushan, PhD(P): BIT Mesra, Assistant Professor: HMRITM, Delhi.



Bharat Bhushan is an Assistant Professor of Computer Science and Engineering (CSE) at HMRITM, GGSIP university, New Delhi, India. Currently, he is also serving as a Managing Director, Gatevilla, Allahabad, U.P., India, and pursuing a PhD degree specializing in Wireless Sensor Networks at the Birla institute of technology, Mesra, India. He received his Undergraduate (BTech) degree in CSE with Distinction in 2012 and received his Masters (MTech) degree 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, Cisco certified network professional Trained, Cisco Certified Entry Networking Technician, Microsoft Certified Technology Specialist, Microsoft certified IT Professional, Red-hat Certified Engineer. He has Published more than 74 papers in different national and international conferences and journals including wireless personal communications (Springer) and wireless networks (springer). He was selected as a reviewer/Editorial Board Member for several reputed international journals. He also served as a speaker, Session Chair or Co-chair at various National and International Conferences. In the past, he worked as a Network Engineer for HCL Infosystems Ltd. He has qualified for four GATE exams (GATE 2013, 2014, 2015, and 2016) and gained several years of experience in imparting quality education to students. He is a member of IEEE.

2. Dr. Sheshang Degadwala. Head of Department, Computer Engineering, Sigma Institute of Engineering.



Dr. Sheshang D. Degadwala Completed Ph.D. in Computer Engineering from Madhav University, Abu Road, Sirohi, Rajasthan, India in year 2018. He is currently working as Head of Computer Engineering Department in Sigma Institute of Engineering, Vadodara, India since 2012. He has published more than 78 research papers in reputed international journals and 3 in National conferences including Thomson Reuters and conferences including IEEE, Springer and it's also available online. His main research work focuses on Image Processing, Information Security and Data Mining. He has 7 years of teaching experience and 6 years of Research Experience.

3. Dr. Martin Sagayam, Karunya University, Coimbatore, India.



Dr. K. Martin Sagayam hails from Tiruchirapalli district in the state of Tamil Nadu. He completed his PhD degree in the area of signal image processing using machine learning approaches in the year 2018, Master degree in Communication Systems from Anna University in the year 2012, and B.E degree in Electronics and Communication Engineering from Anna University in the year 2009. Currently, he is working as Assistant Professor in the Department of ECE, Karunya Institute Technology and Sciences. He has authored/ co-authored more than 30 referred International Journals and conferences. He has authored 5 book chapters with reputed international publishers. His research articles are cited by many international journals and have received approximately 44 citations. He has reviewed research articles from the journal of Signal, Image and Video Processing, Intelligent Decision Technologies, International Journal of Engineering Research & Technology, Pattern analysis and its applications and Informing Science Institute. He is an active member of professional bodies such as Engineering and Scientific Research Groups, International Society of Promising Computer Engineers, Copernicus, Scientific Engineering Research Corporation, International Association of Computer Science and Information Technology, International Association of Engineers, Indian Society of Electronics and Communication Engineering and Orcid. His academic background is excellent with best outgoing student in both PG and UG degree. His area of interest includes pattern recognition, artificial intelligence and signal processing in imaging.

DESCRIPTION

With the advent of Wireless technology and Internet of Things (IoT) networking, enormous amount of data is being generated which needs to be optimized using various learning and statistical algorithms. Security and privacy of data has been a major concern from decades. However, spontaneous growth of internet and the development of sophisticated methods have made this concern even serious. Information security is of utmost importance for every business as data is the most valuable commodity in today's world. Issues related to data security in wireless communication, IoT networking,

infrastructure and private networks are severely critical in today's world and needs to be handled using robust and intelligent approach. This special session will not only focus on recent trends and developments at globally competitive environment but will also provide future directions to industry personnel's and researchers. It covers all aspects related to wireless communication, IoT networks, soft computing techniques and machine learning. This special session welcomes unpublished research articles from researchers in academia and industry such as students, engineers, research scholars and scientists.

SCOPE AND TOPICS

This special session presents original research and technological development for addressing real and complex issues related to society and technology.

A research area for this special session includes but not limited to:

1. Wireless Sensor Networks: Architecture, Security challenges and protocols
2. Artificial intelligence and applications
3. Big data analytics
4. Internet of Things (IoT) networking and communications
5. Bitcoin and Blockchain Technologies
6. 5G networks and security paradigms
7. Signal and Image processing
8. Security based Pattern recognition
9. Soft Computation techniques
10. Deep learning and its applications
11. Machine learning and its applications

IMPRTANT DATES

Paper Submission: 15 August 2019

Paper Accept/Reject Notification 15 September 2019

Camera Ready Paper Submission 30 September 2019

Registration Opens 15 September 2019

Early Bird Registration closes 15 November 2019

SUBMISSION GUIDELINES

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