

1st International Conference on Artificial Intelligence, Security and Communications (AISC) 2022

25-26th November 2022



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Session – 19

Innovations in Signal Processing, Communications and Embedded Systems



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 Topics of interest include, but are not limited to, the following:

- ✦ Signal Processing Algorithms and Architectures
- ✦ Biomedical Signal and Image Processing
- ✦ Hardware implementation for Signal Processing
- ✦ Graph Signal Processing
- ✦ Machine and Deep Learning for Speech and Audio Signal Processing
- ✦ Signal Processing for Communication and Networking
- ✦ Analog and Mixed Signal Processing
- ✦ RF Antenna Modelling and Design
- ✦ Unmanned Aerial Vehicle Networks
- ✦ Software Defined Radio Networks
- ✦ VLSI Circuits and Systems
- ✦ Embedded Real Time Systems
- ✦ Embedded Application in Agriculture and Rural Economy
- ✦ Design of MEMS/MEMS Devices
- ✦ System on Chip
- ✦ Nanotechnology
- ✦ 5G Networks and IoT
- ✦ Cognitive Radio Networks
- ✦ QoS for Wireless Network Applications
- ✦ Security in Communication Networks
- ✦ Vehicular Wireless Networks
- ✦ Green Communication Systems and Networks
- ✦ Optical Networks and Systems
- ✦ Ad-hoc and Mesh Networking



*** Important Dates / Deadlines / FEES (\$ USD) ***

- Submission of **Abstracts** : **August 31, 2022**
- Submission of **Full Paper** : **September 30, 2022**
- Notification of **Acceptance** : **October 15, 2022**
- Early Bird Registration** : **Oct 16 – Nov 08 , 2022**
- Oral presentation** of selected works : **November 25-26, 2022**
- Submission of **Final paper** : **December 20, 2022**



Category	Early Bird: on or before Oct 25, 2022		Regular Registration: Oct 25, 2022 - Till Oct 31, 2022		Spot Registration: Nov 25, 2022	
	IAASSE Members	Non Members	IAASSE Members	Non Members	IAASSE Members	Non Members
Full-Time Students	70.00	95.00	95.00	120.00	120.00	145.00
Faculty/ Research Scholars	95.00	120.00	120.00	145.00	145.00	170.00
Industry	115.00	140.00	140.00	165.00	165.00	190.00
Attendees	25.00	35.00	35.00	45.00	45.00	55.00



**** About Session Chairs ****

Dr. G.S.S.S.V.Krishna Mohan is working as Associate professor in the Department of Electronics and Communications Engineering, Aditya Institute of Technology And Management, Tekkali, Andhra Pradesh-532201, India for last 11 years. In total he is having 20 years of teaching experience. He obtained his Doctoral degree in the area of Signal Processing from Andhra University, India. He pursued both his B.Tech and M.Tech from Andhra University college of Engineering, Visakhapatnam, India. He is an author for text book entitled "Analog circuits and communication electronics". He published eleven international journals which includes SCI & Scopus publications and presented papers in the conferences. He also acted as reviewer for reputed international journals. He has two published patents to his name. He got good number of online international and national certifications such as Coursera and NPTEL to his credit. He is a senior member IEEE and fellow of IETE. He is also a life member in professional bodies ISTE and ISOI.

Dr. B. Rama Rao - Working as a Professor & HOD of ECE Dept. completed his B.E., Master of Technology in the stream of Radar and microwave engineering from Andhra University. He awarded Ph.D in June 2015 in Electronics and Communication Engineering specialized with "Design of Microstrip patch antenna for wireless Communication Applications" from Andhra University, Visakhapatnam. He has been working in this college since 2008 and having 23 years of experience in teaching & research. He has published 28 papers in reputed International journal with good impact factor and Scopus indexed, attended 12 National and International conferences. He acted as a reviewer of International journals and chaired conferences. Three research scholars are pursuing Ph.D under his guidance. He is the senior member of IEEE, Life member of IETE and ISTE. His area of interests are Antenna and wave propagation, Microwave and Radar systems etc.,

Dr. P.Rajesh Kumar is presently Professor and Head of the department of Electronics and Communication Engineering, Andhra University College of Engineering (Autonomous), Visakhapatnam. He graduated from CBIT affiliated to Osmania University, Hyderabad. He Received his ME and Ph.D from Andhra University, Visakhapatnam. He has 25 years of teaching experience and guided many students for their thesis work. He has published more than 100 research papers in various national and International Journals/Conferences. Presently he is guiding 18 research scholars. Twenty five research scholars received their Ph.D degree under his guidance. He is member of IEEE, IETE, ISTE, SEMCE(I) and Instrument Society of India. Earlier he was Treasurer, Vice-Chairman and presently Secretary for IETE Visakhapatnam Centre. His research interests are Radar Signal Processing, Image Processing and Bio-medical Signal Processing.

Dr.Kota Naga Srinivasarao Batta received his master's and doctorate degrees from IIT Kharagpur in India. He was an Assistant Professor from 2002 to 2006, an Associate Professor from 2008 to 2012, and a Professor from 2017 to 2018 at Gudlavalleru Engineering College in Gudlavalleru. He has been working as an Assistant Professor in the Department of ECE at the National Institute of Technology, Warangal, since April 2018. VLSI architectures for image and video compression, as well as the design of embedded systems, SoC and NoC architectures, are among his research interests. Kota Naga Srinivasarao Batta is an IEEE and IE(I) member who has published over 25 papers in international conferences and journals. He published one book on Motion Estimation for Video Coding: Efficient Algorithms and Architectures He received two research grants from the SERB, the Government of India, and NITW. Recently, Two of his Indian Patents are published.

Dr. M.V.H.Bhaskara Murthy is working as Professor in the Department of Electronics and Communications Engineering, Aditya Institute of Technology And Management, Tekkali, Andhra Pradesh-532201, India for last 10 years. In total he is having 21 years of teaching for UG & PG and 7 years of industrial experience. He obtained his Doctoral degree in the area of wireless communications from J.N.T.U.K Kakinada, India. He pursued his B.E. from Andhra University and M.Tech from J.N.T.U. Hyderabad, India. He is an author for two text books entitled “QoS in OLSR routed mobile Ad-hoc networks” and “Analog circuits and communication electronics”. He published several international journals which includes Scopus publications and presented papers in the conferences. He also acted as reviewer for reputed international journals. He owns a published patent to his name. He submitted proposals for central funding agency SERB. He got good number of online international and national certifications such as Coursera and NPTEL to his credit. He is a member in IEEE. He also possesses life membership in professional bodies IETE and Institution of Engineers.



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