1st International Conference on
Artificial Intelligence, Security and Communications (AISC) 2022
25-26th November 2022

Session - 2

Image Processing and Pattern Recognition

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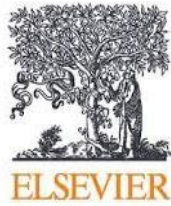JNTU Kakinada, Andhra Pradesh, India
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This AISC 2022 conference will provide an excellent international forum for sharing knowledge and results in the theory and applications of Machine Learning, Deep Learning, Computer Networks, the Internet of Things, and Security. Original papers are invited on Networks, the Internet of Things, and security. The AISC 2022 conference aims to provide a platform for researchers and practitioners from academia and industry to meet and share cutting-edge development in the field.

http://aisc2022.iaasse.org/workshops.html

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

Image Processing & Pattern Recognition

- Image Acquisition & Medical Image Processing
- Visualization
- Image Coding and Compression
- Face Recognition & Super-Resolution Imaging
- Image Segmentation
- Image-based modeling
- 3-D and Surface Reconstruction
- 3D and Stereo Imaging
- Applications (Bioinformatics etc)
- Audio/Speech Processing and Coding
- Content-Based Image Retrieval
- Watermarking
- Knowledge Representation and High-Level Vision
- Medical Image Analysis
- Cognitive and Biologically-Inspired Vision

- Motion and Tracking Stereo and Structure from Motion
- Multidimensional Signal Processing
- Multi-View Geometry
- Neural Networks and Genetic Algorithms
- Object Detection, Recognition, and Categorization
- Pattern Recognition in New Modalities
- PDE for Image Processing
- Color and Texture
- Computer Vision & VR
- Pattern Recognition and Analysis
- Data mining Techniques
- Biometric and Pattern Recognition
- Filter Design and Structures
- FIR, IIR, and Adaptive Filters
- Biomedical Imaging Technologies

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

* 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**

** About Session Chair **

Dr.A.Rama Rao is working as Professor & HOD in the Department of Computer Science & Engineering at LENDI Institute of Engineering & Technology(Autonomous), JNTUK, in Vizianagaram, Andhra Pradesh, India. He received Ph.D. in the Department of Computer Science and Engineering from Andhra University, Visakhapatnam. He published 15+ research papers in various International and National Journals and Conferences (UGC approved/SCI/Scopus/web of science). He participated in 10 International Conferences and 20 International and National workshops, and 44 FDPs. He has published several research papers in National and International journals & conferences of repute. He is a member of different professional bodies like IEEE, CSI, IEI, and ISTE.

Dr. K.V. Kadambari is working as an Associate Professor in the department of Computer Science & Engineering at National Institute of Technology, Warangal - 506004, Telangana, INDIA Dr. Kadambari has done her PhD from School of Computer and Systems Sciences, JNU, New Delhi in 2011.. Earlier to that, she completed her M.Tech (Computer Science & Technology) from Andhra University, Vishakhapatnam in the year 2004, and B.Tech (Computer Science & Technology) from PVP Siddhartha Institute of Technology, Vijayawada.Dr. K.V. Kadambari has more than 15+ years of teaching experience in the field of Computer Science & Engineering. She published 10+ Research papers in various reputed (UGC approved, Scopus/ SCI / Web of Science) International and National Journals, magazines, and conferences. She worked as coordinator for various national/international workshops and conferences. She secured an Australian grant in 2021. She is a member of different professional bodies like IEEE, IE, etc. She guided 3 Ph.D research scholars and among one scholar has been awarded. Her current area of research include computational neuroscience, neuroinformatics, neuroimaging, machine learning and computer vision.

Dr. P. Aruna Kumari is working as an Assistant Professor in the Department of Computer Science at the University College of Engineering JNTU-GV Vizianagaram, Andhra Pradesh India. She received Ph.D. in Computer Science Engineering from JNTUK Kakinada and M.Tech. in Computer Science and Engineering from Acharya Nagarjuna University in 2009. She has more than 17 years of experience in teaching & 9 years of research experience in the field of Computer Science & Engineering. She published 15+ Research papers in various reputed (UGC approved, Scopus/ SCI / Web of Science) International and National Journals, magazines, and conferences. She attended 50 workshops and organized 16. She is a member of different professional bodies like IEEE, IE, etc. She Guided 21 PG and 33 UG academic projects. She published 3 book chapters and filed 1 patent. Her area of research is in Pattern Recognition, Biometrics, Data Science, Machine Learning, Soft Computing, etc.

P.J.V.G. Prakasa Rao is currently working as an Assistant in the Department of Computer Science & Engineering at LENDI Institute of Engineering & Technology(A), JNTUK, in Vizianagaram, Andhra Pradesh, India. He completed his master' in Computer Science and Information Technology from Andhra University & Allahabad Agr. Deemed University. He has 12 years of teaching experience, and his areas of interest include Hadoop & Big Data Analytics, Artificial Intelligence, Machine Learning, Image processing & Pattern Recognition. He is honored with the " Yuva Acharya " award by Bharath Education Excellence Awards in 2021. He has published several research papers in National and International journals & conferences of repute. He guided 5 PG and 12 UG academic projects. He is a member of different professional bodies like ISTE, IAENG, Live DNA, ORCID, WIC, and NSPE.

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☞ If you have any queries.

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