

5th International Conference on Computer and Communication Technologies (IC3T) 2023, 6-7 October, 2023

IC3T 2023-KITSW

SPECIAL SESSION PAPERS ON BIOMEDICAL IMAGE & SIGNAL PROCESSING

(Day 2- 07.10.2023) –Forenoon Venue: SP Lab – B-I-205

Time: 9:30 am – 12:30 pm **Platform:** Google Meet (Link will be provided in official WhatsApp group)

TRACK 4_ BIOMEDICAL IMAGE & SIGNAL PROCESSING

Name of the faculty coordinator	Name of the student coordinators
1. Sri J. Sheshagiri Babu, Asst.Prof., ECED, KITSW	Sneha - 70325 72577
2. Md Abdul Muqueem, Asst.Prof., ECED, KITSW	Nitish - 83412 26715
Special Session Chairs	Manogyna - 9492912683
1. Prof. K. Ashoka Reddy, ECED, KITSW	G Uday Kiran - 9160691783
2. Dr. K. Ramudu, Assoc.Prof., ECED, KITSW	P.Shivachandana - 8125443306
Session Chairs	
1. Dr .C.Venkatesh, Prof,EEED,KITSW	
2. Dr M. Raghu Ram, Assoc.Prof., EIED, KITSW	
3. Dr D.Venu, Asst.Prof., ECED, KITSW	

Lab assistant: M.Prashanth

Keynote Address by Mathini Sellathurai, Professor, UK on “Signal Processing”

Time: 9:30am- 10:00am

BIOMEDICAL IMAGE & SIGNAL PROCESSING

S.No	Paper ID	Title	Author Names	College	Time of Presentation
1.	154	FLAML - HDPS Model: An Efficient and Intelligent AutoML Approach for Heart Disease prediction	P.Deepan R. Vidhya B. Rajalingam R. Santhosh kumar N.Arul	St. Peters Engineering College B.S. Abdur Rahman Crescent Institute of science and technology St. Martins Engineering College St. Peter’s Engineering College	10.00-10.15am

2.	162	An Efficient Selective Features Approach to Detect Hypothyroid using Machine Learning	Dr. N. Subhash Chandra Srinivasa Rao Dhanikonda Dr.Dhanamma Jagli Nalla Siddhartha	CVR College of Engineering GITAM Deemed to be University V.E.S.Institute of Technology Indian Institute of Technology Tirupati	10.15-10.30am
3.	245	Improving Breast Cancer Prognosis with DL-based Image Classification	Dr.Surendra reddy Vinta Dr. B. Dhanalaxmi S. Aadilakshmi Pendyala Kamal Kumar Dr.Yeligeti Raju	VIT-AP University Malla Reddy Institute of Engineering and Technology (Autonomous) Vignana Bharathi Institute of Technology (Autonomous) Vignana Bharathi Institute of Technology (Autonomous) Vignana Bharathi Institute of Technology (Autonomous)	10.30-10.45am
4.	127	Evaluating E-learning Engagement through EEG Signal Analysis withConvolutional Neural Networks	Dharmendra Pathak, Ramgopal Kashyap	Amity University,Chhattisgarh	10.45am-11.00am
5.	32	Breast Cancer Prediction with Gradient Boost and XG Boost	Avantika Mahadik Dr. Prashant Sharma Dr. Vaibhav Narawade	Pacific (PAHER) University Pacific(PAHER) University D Y Patil Deemed to be University	11.00am-11.15am
6.	56	Tire Imprint identification and classification using VGG19	Disha N Girish, Priyanka M	School of Computing, Amrita Vishwa Vidyapeetham	11.15am-11.30am
7.	307	Exploring Machine Learning Algorithms for Accurate Breast Cancer Classification: A Comparative Analysis using F2 Metric	N.Minni N.Rehna P.M.Harikrishna	Avvaiyar Govt Collge for Women Shri Shankarlal Sundarbai Shasun Jain College for Women Vellore Institute of Technology	11.30am-11.45am
8.	89	A Novel Encryption Framework to Improve the Security of Medical Images	M Senthilkumar K Suthendran S V Suji Aparna Mahesh Kotha S Kirubakaran	Sethu Institute of Technology Kalasalingam Academy of Research and Education CMR Technical Campus CMR Technical Campus	11.45am- 12.00noon

			Srinivasarao Dharmireddi Voruganti Naresh Kumar	CMR College of Engineering and Technology MasterCard CMR Technical Campus	
9.	390	Herpes Zoster Identification Using Optimized Deep Neural Network	Yash Negi, Poorani Marimuthu, Nikhil Raj Rauniyar, U Sumuk Patil Shaheen H	CMR Institute of Technology, Bengaluru University of West London	12.00-12.15pm

Sd/-

Dr.M.Raju
Program Chair, IC3T-2023
HoD – ECE
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