



ICSCC  
2023

# 9<sup>th</sup> International Conference on Smart Computing and Communications. 17-19 Aug 2023

Organized by Muthoot Institute of Technology and Science, Varikoli, Kerala, India

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## Day 1: 17.08.2023 (Thursday)

<b>ICSCC 2023</b>			
<b>Paper Presentation Schedule</b>			
<b>Day 1: 17.08.2023 (Thursday- FN)</b>			
<b>Track 1 : Smart Computing</b>			
<b>Session 1 : Smart computing for image processing</b>			
Date : 17 <sup>th</sup> August 2023			
Time : 10.30 am to 12.30 pm			
Venue : V1-1F			
Sl. No	Paper ID	Title & Authors	Date & Time
1	61	<b>Pothole Detection using YOLO v8 Algorithm</b> <i>Rounak K Bala, Ankit Bhattacharyya, Ankan Roy, AdrijaRoychowdhury, Debraj Chatterjee</i>	17.08.2023  10.30AM-12.30PM (IST)
2	140	<b>Handwritten Documents Conversion to Digital Documents</b> <i>Shrey Raj Singh, Akash Anand, Shweta Chauhan</i>	
3	155	<b>Enhancing Neural Style Transfer with Gradient Loss for High-Quality Artistic Image Synthesis</b> <i>Anumol C S</i>	
4	178	<b>A Comparative Analysis of Gradient Boost Algorithm and Deep Neural Network for Land Cover Land Use Classification</b> <i>Babitha M.S, Diana Andrushia, Mehathab A</i>	
5	325	<b>Batch Normalization based Convolutional Block YOLOv3 Real Time Object Detection of Moving Images with Backdrop Adjustment</b> <i>Umanandhini D, Shyamala Devi Munisamy, Beulah Jabaseeli N, Sridevi S.</i>	
6	375	<b>A Glance On Various Image Denoising Techniques</b> <i>BincyPonnan, Sreedivyva R S, Sreelatha Ganapathy</i>	

**Day 2: 18.08.2023 (Friday)**

<b>ICSCC 2023</b>			
<b>Paper Presentation schedule</b>			
<b>Day 2: 18.08.2023 (Friday- FN)</b>			
<b>Track 1 : Smart Computing</b>			
<b>Session 2 : Smart computing in Predictive Analytics</b>			
Date : 18 <sup>th</sup> August 2023			
Time : 10.30 AM to 12.30 PM			
Venue : V1-2F			
Sl. No.	Paper ID	Title and Author Name	Date & Time
1	146	<b>Enhancing Twitter Sentiment Analysis using Attention-based BiLSTM and BERT Embedding</b> <i>Sandhya Ramakrishnan</i>	18.08.2023  10.30AM-12.30PM (IST)
2	161	<b>ARIMA - GRU Hybrid Model for Stock Exchange Forecast</b> <i>MD Shabbeer</i>	
3	244	<b>Using Machine Learning Technique, Tracing The Actual Location Of Faults In Underground Optical Networks</b> <i>Athira Asok</i>	
4	286	<b>Leveraging Machine Learning Algorithms for Football Predictions and Wager Suggestions</b> <i>Sirisha Gudla, Bhuvan Sai Teja Gabbita, Nirupama Chaganti, Srinivas Boddepally, Mayur Raj Singh Biasthakur</i>	
5	382	<b>A Deep learning framework for detection and classification of Diabetic Retinopathy in fundus images using Residual Neural Networks</b> <i>AbiniM.A</i>	
6	410	<b>Robust Pedestrian Detection in Inclement Weather and Occluded Scenarios: A Review</b> <i>Sreedevi R Prasad</i>	
7	634	<b>Live Music Popularity Prediction Using Genre And Clustering Based Classification System : A Machine Learning Approach</b> <i>Saket K Agarwal , Sneha Thapa, Ahshada Deshpande, Jayant Goyal, Aryan Namdev</i>	

**ICSCC 2023**  
**Paper Presentation schedule**

**Day 2: 18.08.2023 (Friday- AN)**

**Track 1 : Smart Computing**

**Session 3 : Smart Computing in Health Care**

Date : 18<sup>th</sup> August 2023

Time : 01.00 PM - 03.00 PM

Venue : V1-2A

Sl. No.	Paper ID	Title and Author Name	Date & Time
1	262	<b>Classification of Retinal Occlusion in Fundus Images</b> <i>Emal John Manuel, Emil Liz George, Gaby Joseph, Grace Maria Binu, Elisabeth Thomas</i>	18.08.2023 01.00PM-3.00 PM (IST)
2	365	<b>A Hybrid CNN-LSTM Network For Brain Tumor Classification Using Transfer Learning</b> <i>Rajeev S K, M. Pallikonda Rajasekaran, Kottaimalai Ramaraj, G Vishnuvarthanan, Arun T Prasath, V Muneeswaran</i>	
3	390	<b>Food Image Recognition And Calorie Prediction Using Faster R-CNN and Mask R-CNN</b> <i>Elena Denny Cherpanath, Fathima Nasreen P R, Karthika Pradeep, Malavika Menon, Dr. Jayanthi V S</i>	
4	401	<b>Detection of Tuberculosis Using Cascaded Ensemble Method</b> <i>Maria Noby, Karthika P. S., Krishna G Nair</i>	
5	443	<b>Learning Disability Predictions using Machine Learning: A detailed Evaluation on Predicting risk of Dyslexia</b> <i>Aneetta Sara Shany, Shailesh S</i>	
6	492	<b>Diabetic Retinopathy Detection And Stage Classification Using Lenet-5 Architecture</b> <i>Priyanka K, Ananya C, Gowrilatha, Asma, Ankita M Awanty</i>	
7	498	<b>Dental Radiography Analysis And Diagnosis Using Yolov8</b> <i>Naveen N, James George, Hemanth T S, Joshua Raju, Johan George Mattapallil</i>	

**Day 3: 19.08.2023 (Saturday)**

**ICSCC 2023**  
**Paper Presentation schedule**

**Day 3: 19.08.2023 (Saturday-FN)**

**Track 1 : Smart Computing**

**Session 4: Smart Computing in IoT and Health**

Date : 19<sup>th</sup> August 2023

Time : 9.30 am to 11.30 AM

Venue : V1-3F

Sl. No	Paper ID	Title and Author Name	Date & Time
1	226	<b>Deep Learning Based Soft Sensors In Process Industry And Applications</b> <i>Neethu A M</i>	19.08.2023 09.30AM-11.30AM (IST)
2	237	<b>Agriculture Informatics And Communication: Paradigm of E-Governance and Drone Technology for Crop Monitoring</b> <i>Ms. Priyanka Gupta, Ms. Sanghmitra Gopal, Dr. Manu Sharma, Dr. Sudhanshu Joshi, Ms. Chahat Sahani, Mr. Kapil Ahalawat</i>	
3	238	<b>Optimizing productivity and Efficiency in Agriculture through the integration of Digital technologies: A Smart Agriculture Perspective</b> <i>Dr. Sudhanshu Joshi, Dr. Manu Sharma, Dr. Deepak Kaushal, Mr. Abhishek Misra, Ms. Priyanka Gupta, Ms. Sanghmitra Gopal</i>	
4	472	<b>CNN based Smart Cane : A tool for Visually Impaired People</b> <i>Saya Fathima, Bhagya S Kumar, Anu Tressa Joseph S, K J Raina, Vineetha Joseph, Tomson Thomas</i>	
5	790	<b>Computational Method of Predicting Down Syndrome on Foetus by Utilizing First Trimester Ultrasound Scan</b> <i>Jency Thomas, Resmi NG</i>	
6	799	<b>A Robust Data-Driven Predictive Maintenance Framework for Industrial Machinery using Explainable Machine Learning Techniques</b> <i>Simi T</i>	
7	812	<b>Review on TIRADS Scoring Based Thyroid Nodule Malignancy Detection</b> <i>Jisha James, Dr. Anand Hareendran S</i>	