



Department of Computer Science & Engineering
Jawaharlal Nehru Technological University

Kakinada, Andhra Pradesh, India 533003



Organizing

International Conference on Computer Vision, High Performance Computing, Smart Devices and Networks (CHSN-2020)

28-29, December 2020

Program Schedule

Venue: Alumni Auditorium,
JNTU Kakinada

Day-1

28th December 2020

Time	Activity		
08.30 - 10.00	Registration		
10.00 - 11.15	Inauguration		
11.15 - 11.45	Tea Break		
11.45-13.00	Keynote Address	Data Security Issues in MANETs by Dr. Firoz Ahmed University of Rajshahi, Bangladesh	
13.00 - 14.00	Lunch Break		
14.00 - 15.30	Paper Presentations	Session-I	Session-II
15.30 - 15.45	Tea Break		
15.45-17.45	Paper Presentations	Session-III	Session-IV

Day-2

29th December 2020

Time	Activity		
09.00-11.00	Paper Presentations	Session-V	Session-VI
11.00 - 11.15	Tea Break		
11:15-12.30	Keynote Address	A Blockchain-supported Hierarchical Security Scheme in Named Data Networks by Dr. Maode Ma Nanyang Technological University, Singapore	
12.30 - 13.45	Keynote Address	3D Model Shape Segmentation and Its Application by Dr. Ng Kok Why Multimedia University, Cyberjaya, Malaysia	
13.45-14.30	Lunch Break		
14.30 - 16.00	Paper Presentations	Session-VII	Session-VIII
16.00 - 16.45	Valedictory Session		



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Session Chair:		Session-I	28.12.2020, 14.00-15.30
Paper ID	Title of Paper		
15	HYBRID SHUFFLED FROG LEAPING ALGORITHM WITH PROBABILITY DISPERSAL METHOD FOR TUMOR DETECTION IN 3D MRI BRAINTUMOR IMAGES		
23	A REVIEW ON DETECTION OF OF LAND USE AND LAND COVER FROM AN OPTICAL REMOTE SENSING IMAGE		
27	SSCBMIR : SPARK BASED SCALABLE APPROACH FOR CONTENT BASED MEDICAL IMAGE RETRIEVAL		
60	IMAGE PROCESSING BASED ASSESSMENT OF EXPLOSIVE ENERGY DISTRIBUTION IN MINE BLAST – CASE STUDY		
75	DETECTION OF INTRUDER USING THE IMPROVED DRAGONFLY OPTIMIZATION ALGORITHM		

Session Chair:		Session-II	28.12.2020, 14.00-15.30
Paper ID	Title of Paper		
79	IDENTIFICATION OF RUST DISEASES IN WHEAT CROP USING IMAGE ANALYSIS		
82	AN EFFICIENT MACHINE LEARNING TECHNIQUES BASED ON IOT FOR EFFECTIVE LOAD FORECASTING		
88	A DESIGN OF IDENTITY (FACIAL) RECOGNITION SYSTEM FOR SMART HOME BASED ON INTERNET OF THINGS		
94	SMART HOME SECURITY AND AUTOMATION USING IOT		
102	AUTOMATIC NAVIGATION OF USV FOR FLOATING AQUATIC WEED REMOVAL IN LAKE		
111	TRANSFORM DOMAIN ANALYSIS OF MULTIMODAL MEDICAL IMAGE FUSION		

Note: For Each Paper, Presentation time is 12 minutes, 3 minutes for queries



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Session Chairs:		Session-III	28.12.2020, 15.45-17.45
Paper ID	Title of Paper		
3	OPTIMAL RELAY NODE SELECTION USING MULTI-OBJECTIVE BASED CROW SEARCH OPTIMIZATION ALGORITHM FOR MULTI-USER COOPERATIVE COMMUNICATION NETWORKS		
31	CBCA: CONSIGNMENT BASED COMMUNAL AUTHENTICATION AND ENCRYPTION SCHEME FOR INTERNET OF THINGS USING DIGITAL SIGNATURE ALGORITHM		
89	AN INTEGRATED FRAMEWORK FOR SOFTWARE DEFECT ANALYSIS WITH AWARE OF SAAS PROVISIONING IN CLOUD ENVIRONMENT USING MADM METHODS		
117	DNA BASED PATTERN REPRESENTATION FOR MOBILE SECURITY		
120	IMPROVEMENT IN ERROR PERFORMANCE THROUGH CHANNEL ESTIMATION IN MIMO-OFDM SYSTEM USING PSO		
123	KEYPHRASE EXTRACTION AND SOURCE CODE SIMILARITY DETECTION- A SURVEY		
124	ICT-BASED LEARNER-CENTRIC EVOLUTIONARY LEARNING MODEL: AN EFFECTIVE SOLUTION TO TEACHING-LEARNING PROCESS		
126	DESIGN OF IMPLANTABLE CARDIOVERTER DEFIBRILLATOR USING LOW POWER SUBTHRESHOLD DIGITAL CIRCUIT		

Session Chair:		Session-IV	28.12.2020, 15.45-17.45
Paper ID	Title of Paper		
65	VISUALIZING UML'S SEQUENCE AND CLASS DIAGRAMS USING GRAPH-BASED CLUSTERS		
70	ANALYZING CUSTOMER BEHAVIOR IN E-COMMERCE USING HOMOPHILY DETECTION ALGORITHM		
78	CONTEXT-AWARE MULTI-DATA FUSION TO ACHIEVE FINEST RIDE-SHARE SCHEDULE USING BIG DATA		
85	SIGNIFICANT CONTEXTS IDENTIFICATION IN THE INDIAN TOURISM DOMAIN		
103	AN APPROACH FOR SUGGESTION MINING BASED ON DEEP LEARNING TECHNIQUES		
112	EXPEDITING INTERNATIONAL STUDENT ADMISSION PROCESS USING DATA ANALYTICS		
113	AN ABNORMAL AREA IDENTIFICATION IN LUNGS FOR COVID-19 PANDEMIC USING AN IMPROVED HYBRID ABNORMAL DATA DETECTION ALGORITHM (HADDA)		
122	CANONICAL VARIATE FEATURE SELECTION BASED ADAPTIVE ENHANCED WINNOW MAP REDUCE CLASSIFICATION FOR PREDICTIVE ANALYTICS		

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Session Chair:		Session-V	29.12.2020, 09.00-11.00
Paper ID	Title of Paper		
38	CANCER CLASSIFICATION USING ENSEMBLE FEATURE SELECTION AND RANDOM FOREST CLASSIFIER		
47	ADVANCED CONVOLUTIONAL NEURAL NETWORK CLASSIFICATION FOR AUTOMATIC SEIZURE EPILEPSY DETECTION IN EEG SIGNAL		
48	AN EFFECTIVE ANALYTICS USING MACHINE LEARNING INTEGRATED APPROACHES FOR DIAGNOSIS, SEVERITY ESTIMATION AND PREDICTION OF HEART DISEASE		
53	SENTIMENT ANALYSIS USING NEURAL NETWORK AND LSTM		
62	CLASSIFICATION OF BREAST CANCER USING HISTOLOGY IMAGES: HANDCRAFTED AND PRE-TRAINED FEATURES BASED APPROACH		
63	ENSEMBLE DEEP LEARNING FOR BRAZIL CURRENCY COIN PREDICTION		
77	AUTOMATIC VEHICLE NUMBER PLATE RECOGNITION SYSTEM USING MACHINE LEARNING		
80	DEEP RECURRENT Q REINFORCEMENT LEARNING MODEL TO PREDICT THE ALZHEIMER DISEASE USING SMART HOME SENSOR DATA		

Session Chair:		Session-VI	29.12.2020, 09.00-11.00
Paper ID	Title of Paper		
86	FAST HYBRID ADABOOST BINARY CLASSIFIER FOR BRAIN TUMOR CLASSIFICATION		
92	SAMS: SMART AGRICULTURE MANAGEMENT SYSTEM USING EMERGING TECHNOLOGIES IOT, AI -A STUDY		
93	ANALYZING AND PREDICTING COVID-19 EPIDEMIC USING MACHINE LEARNING TECHNIQUES		
98	A SWIFT EXPOSURE OF SARS-COV-2 BY MFSM MODEL		
99	TIMELY AND ACCURATELY PREDICT RAINFALL BY USING ENSEMBLE PREDICTIVE MODELS		
101	UNSUPERVISED LEARNING APPROACH FOR CLUSTERING LEAF IMAGES		
104	PREDICTION AND ANALYSIS OF CORONA VIRUS DISEASE (COVID-19) USING CUBIST AND ONER		
116	EPOCH INTERROGATION FOR SKIN CANCER DETECTION USING CONVOLUTIONAL NEURAL NETWORK MODELS		

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Session Chair:		Session-VII	29.12.2020, 14.30-16.00
Paper ID	Title of Paper		
128	EFFICIENT HUMAN ACTIVITY RECOGNITION WITH PRIVACY SOLVING THE PUBLIC AND PRIVATE ACTIVITIES OF VIDEOS AND IMAGES VIA DEEP ENSEMBLE LEARNING		
130	ACTIVATION LAYERS IMPLICATION OF CNN SEQUENTIAL MODELS FOR FACIAL EXPRESSION RECOGNITION		
134	REDUCING COMPLEXITY IN PTS SCHEME USING OPTIMIZATION TECHNIQUES TO REDUCE PAPR IN OFDM SYSTEMS		
135	MULTI FACIAL EXPRESSION RECOGNITION (MFER) FOR IDENTIFYING CUSTOMER SATISFACTION ON PRODUCTS USING DEEP CNN AND HAAR CASCADE CLASSIFIER		
136	EXTRACTING FACIAL FEATURES IN FILTER MODIFIED IMAGES USING NEURAL NETWORKS		
139	A COMPREHENSIVE REVIEW OF FRAUDULENT ACTIVITY TRACKING AND DETECTION TECHNIQUES		

Session Chair:		Session-VIII	29.12.2020, 14.30-16.00
Paper ID	Title of Paper		
132	A HYBRID APPROACH FOR EXTRACTIVE DOCUMENT SUMMARIZATION WITH BIG DATA ANALYTICS		
133	PREDICTING USER'S WEB NAVIGATION BEHAVIOUR USING AMD AND HMM APPROACHES		
68	LINEAMENTS AND RESULTANT CONSEQUENCES, POTENTIAL SOLVENT OF LATENCY AND CONSUMPTION OF ENERGY IN IOT		
69	ORGANIZING IOT HEALTH CARE BASED ON FOG COMPUTING: CORONA TASKS SCHEDULING BASED ON THE PRIORITY		
142	A NEW FEATURE BASED ONLINE RATING SYSTEM FOR E-COMMERCE WEBSITES		
143	DESIGN AND DEVELOPMENT OF ADAPTIVE FILTER FOR REAL TIME SIGNAL PROCESSING		

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