

**3rd International Conference on
Mobile Computing and Sustainable Informatics
(ICMCSI 2022)**

Organized by
Tribhuvan University, Nepal

Schedule for Presentation (27th January 2022)

Timing Details (NST)	Session Details
9.30 am -10.30 am	Inauguration and Keynote Address
10.30 am - 1.00 pm	Session -I
1.00 pm - 2.00 pm	Lunch Break
2.00 pm - 4.30 pm	Session II
4.30 pm- 5.00 pm	Panel Discussion & Valedictory Function

Presentation Time: 15 Minutes

Presentation Format: Power Point Presentation (PPT)

Session-I -- Parallel Session-I
27th January 2022 [10.30am – 1.00pm]

TIME SLOT	TITLE DETAILS
10.30 AM TO 10.45 AM	XGBOOST DESIGN BY MULTI-VERSE OPTIMISER: AN APPLICATION FOR NETWORK INTRUSION DETECTION MILAN TAIR, NEBOJSA BACANIN, MIODRAG ZIVKOVIC, K. VENKATACHALAM, AND IVANA STRUMBERGER
10.45 AM TO 11.00 AM	GATEWAY BASED CONGESTION AVOIDANCE USING TWO-HOP NODE IN WIRELESS SENSOR NETWORKS A.REVATHI AND S.G.SANTHI
11.00 AM TO 11.15 AM	STROKE PREDICTION SYSTEM USING MACHINE LEARNING ALGORITHM SIDDHARTH PUROHIT, ANKIT CHAHAR, ANISH REDDY BANDA, ANSON ANTONY, ABHISHEK SUBHASH SURYAWANSHI AND CHANDAN VANWARI
11.15 AM TO 11.30 AM	A COMPREHENSIVE SURVEY ON MULTILINGUAL OPINION MINING ANIKET K. SHAHADE, K. H. WALSE, V. M. THAKARE
11.30 AM TO 11.45 AM	DEVELOPMENT FEATURES AND PRINCIPLES OF BLOCKCHAIN TECHNOLOGIES AND REAL OPTIONS AS THE MAIN COMPONENTS OF THE DIGITAL ECONOMY RADOSTIN VAZOV, GENNADY SHVACHYCH, BORIS MOROZ, LEONID KABAK, VLADYSLAVA KOZENKOVA, TETIANA KARPOVA, VOLODYMYR BUSYGIN
11.45 AM TO 12.00 PM	TECHNICAL EFFICIENCY ANALYSIS OF CHINA'S TELECOMMUNICATION INFRASTRUCTURE: A COPULA-BASED META-STOCHASTIC FRONTIER MODEL ANUPHAK SAOSAOVAPHAK, CHUKIAT CHAIBOONSRI, FUSHUILI LIU
12.00 PM TO 12.15 PM	ATM SECURITY USING IRIS RECOGNITION JUDY SIMON, USHUS S KUMAR, AARTHI ELAVEINI .M, RESHMA P VENGALLOOR, PHANI KUMAR.P
12.15 PM TO 12.30 PM	RELIABLE DATA ACQUISITION BY MASTER SLAVE APPROACH IN MARINE-IOT ENVIRONMENT FOR LOGISTICS GEETHA VENKATESAN AND AVADHESH KUMAR
12.30 PM TO 12.45 PM	MOBILE TECHNOLOGY ACCEPTANCE OF UNIVERSITY STUDENTS: A CONSOLIDATED APPROACH ZAHRA HOSSEINI, JANI KINNUNEN, MOHAMMAD MEHDIZADEH, AND IRINA GEORGESCU
12.45 PM TO 1.00 PM	MULTISTAGE INTRUSION DETECTION SYSTEM USING MACHINE LEARNING ALGORITHM MAHESWARAN N, BOSE S, LOGESWARI G AND ANITHA T

Session-I -- Parallel Session-II
27th January 2022 [10.30am – 1.00pm]

TIME SLOT	TITLE DETAILS
10.30 AM TO 10.45 AM	IOT BASED AIR QUALITY MONITORING SYSTEM USING SIM900 P. LAVANYA, I.V. SUBBAREDDY
10.45 AM TO 11.00 AM	PREDICTIVE MODELLING FOR RISK IDENTIFICATION IN SHARE MARKET TRADING - A MULTIPHASE APPROACH R V RAGHAVENDRARAO, CH RAM MOHAN REDDY, SHARMILA T, ANKITHA H M
11.00 AM TO 11.15 AM	AN EFFICIENT CROSS-LAYERED APPROACH QUALITY AWARE ENERGY EFFICIENT ROUTING PROTOCOL FOR QOS IN MANET S. JAYAPRADA, B. SRIKANTH, CHOKKA ANURADHA, K. KRANTHI KUMAR, SYED KHASIM, PADMAJA GRANDHE
11.15 AM TO 11.30 AM	HEALTHCARE DATA ANALYTICS: A SYSTEMATIC PERSPECTIVE MANGESH BHARATE AND SUJA SREEJITH PANICKER
11.30 AM TO 11.45 AM	A NOVEL DUAL-WATERMARKING APPROACH FOR AUTHENTICATION AND TAMPER RECOVERY OF COLORED IMAGES NAHUSH KULKARNI, RESHMA KOLI, NAYANA VAITY AND DAKSHTA ARGADE
11.45 AM TO 12.00 PM	BLOCKCHAIN-BASED E-PHARMACY TO COMBAT COUNTERFEIT DRUG TRANSACTIONS S. KALARANI, KEERTHISREE RAGHU AND S.K. AAKASH
12.00 PM TO 12.15 PM	A SURVEY ON DESIGNING A SECURE SMART HEALTHCARE SYSTEM WITH BLOCKCHAIN NEELAM CHAUHAN, RAJENDRA KUMAR DWIVEDI
12.15 PM TO 12.30 PM	A NOVEL ENSEMBLE OF CLASSIFICATION TECHNIQUES FOR INTRUSION DETECTION SYSTEM SHAIK. JAKEER HUSSAIN, N. RAGHAVENDRA SAI, B.SAI CHANDANA, J. HARIKIRAN, G.SAI CHAITANYA KUMAR
12.30 PM TO 12.45 PM	AN RESOURCEFUL SYSTEM FOR LOSSLESS ADDRESS DATA COMPRESSION USING NOVEL ADAPTIVE ALGORITHM IN WIRELESS SENSOR NETWORK (WSN) SANJAY MAINALLI, KALPANA SHARMA
12.45 PM TO 1.00 PM	A NEW PARADIGM IN CULTIVATION OBSERVING SYSTEM USING NODEMCU AND BLYNK APP G. SASIKALA, SAI VENKATA RAGHAVAN NOOKALA, NASIR SHAIK, AND VEERENDRANATH REDDY

Session-I -- Parallel Session-III
27th January 2022 [10.30am – 1.00pm]

TIME SLOT	TITLE DETAILS
10.30 AM TO 10.45 AM	DEPRESSION DETECTION FROM SOCIAL SITE USING MACHINE- LEARNING AND DEEP LEARNING TUSHTEE VARSHNEY, SONAM GUPTA, CHARU AGARWAL
10.45 AM TO 11.00 AM	AN IMPROVISED MACHINE LEARNING APPROACH FOR WIRELESS SENSOR BASED HEALTH CARE APPLICATIONS BHARATHI V, C.N.S. VINOTH KUMAR
11.00 AM TO 11.15 AM	A NOVEL DEEP LEARNING BASED OBJECT DETECTOR USING SPOTNET - SNIPER NETWORK SIRISHA MUSEBOYINA, S.V. SUDHA
11.15 AM TO 11.30 AM	A SURVEY ON VARIOUS ARCHITECTURAL MODELS USING SOFTWARE DEFINED NETWORKS ALFRED RAJU M AND NARENDRAN RAJAGOPALAN
11.30 AM TO 11.45 AM	A SURVEY ON ALZHEIMER'S DISEASE DETECTION USING MACHINE LEARNING MODELS HEMAVATHI N L, C. R ADITYA AND SHASHANK N
11.45 AM TO 12.00 PM	LIGHTWEIGHT CRYPTOGRAPHY IN IOHT: AN ANALYTICAL APPROACH ARNAB CHAKRABORTY, PAYEL GURIA
12.00 PM TO 12.15 PM	PREDICTION MODEL OF THE BURKHOLDERIA GLUMAE PEST IN RICE CROPS USING MACHINE LEARNING AND SPATIAL INTERPOLATION JOEL PEREZ-SUAREZ, NEMIAS SABOYA AND A. ANGEL SULLON
12.15 PM TO 12.30 PM	APPLICATION OF TRANSFER LEARNING WITH A FINE-TUNED RESNET- 152 FOR EVALUATION OF DISEASE SEVERITY IN TOMATO PLANTS RAJASREE R, C. BEULAH CHRISTALIN LATHA, SUJNI PAUL
12.30 PM TO 12.45 PM	SMART HOME TECHNOLOGIES TOWARDS SMART (SPECIFIC, MEASURABLE, ACHIEVABLE, REALISTIC, AND TIMELY) OUTLOOK VINOTH KUMAR.P, B. GUNAPRIYA, S. SIVARANJANAI, P. S GOMATHI, T. RAJESH, G. DEEBANCHAKKARAWARTHI
12.45 PM TO 1.00 PM	HEALTH MONITORING OF CRITICAL CARE PATIENTS USING INTERNET OF THINGS SRI LALITHA, VARAGIRI SHAILAJA, K SWANTHANA, M. TRIVEDH AND B. CHAITANYA KUMAR

Session-II -- Parallel Session-I
27th January 2022 [2.00am – 4.30pm]

TIME SLOT	TITLE DETAILS
2.00 PM TO 2.15 PM	MODELING GLOBAL SOLAR RADIATION USING MACHINE LEARNING WITH MODEL SELECTION APPROACH: A CASE STUDY AT TANZANIA SAMUEL C. A. BASÍLIO, RODRIGO O. SILVA, CAMILA M. SAPORETTI, AND LEONARDO GOLIATT
2.15 PM TO 2.30 PM	PLANT DISEASE DETECTION USING TRANSFER LEARNING WITH DL MODEL PRAKASH SAHU, VIVEK KUMAR SINHA
2.30 PM TO 2.45 PM	TAGGING FAKE PROFILES IN TWITTER USING MACHINE LEARNING APPROACH MONIKA SINGH
2.45 PM TO 3.00 PM	A MACHINE-LEARNING SYSTEM TO CLASSIFY CYBERCRIME SHRIDEVI. SOMA, AND FAREENA MEHVIN
3.00 PM TO 3.15 PM	ANALYSES OF NON-LINEAR EFFECTS WITH DCS AND HOA PERFORMANCE FOR 4 X 4 WDM / DWDM SYSTEM TSEGAYE MENBER BELAY, PUSHPARAGHAVAN ANNAMALAI
3.15 PM TO 3.30 PM	USER PROFILING AND INFLUENCE MAXIMIZATION BAHAA EDDINE ELBAGHAZAOU, MOHAMED AMNAI, AND YOUSSEF FAKHRI
3.30 PM TO 3.45 PM	AN EFFICIENT IOT BASED NOVEL DESIGN USING NODE MCU CONTROLLER NAVEEN RATHEE, VARNIKA RATHEE, SANDEEP KUMAR, ARCHANA DAS, YULIIA IVCHUK AND CHOMEKA LIUDMYLA
3.45 PM TO 4.00 PM	A SUPERVISED MACHINE LEARNING APPROACH FOR ANALYSIS ABHINAV MITTRA, DEVANSHU SINGH AND ANISH BANDA
4.00 PM TO 4.15 PM	ARTIFICIAL NEURAL NETWORK ESTABLISHED HEXAGONAL RING-MPA INTENDED FOR WIDEBAND APPLICATION ROHINI SAXENA, J.A. ANSARI, MUKESH KUMAR

<p>4.15 PM TO 4.30 PM</p>	<p>EEGS SIGNALS ARTIFACT REJECTION ALGORITHM BY SIGNAL STATISTICS AND INDEPENDENT COMPONENTS MODIFICATION HUSSEIN M. HUSSEIN, KASIM K. ABDALLA, ABDULLAH S. MAHMOOD</p>
<p>4.30 PM TO 4.45 PM</p>	<p>SYNTHESIS OF THE VARIANTS OF ADAPTIVE HEXAGONAL ANTENNA ARRAY CONFIGURATION SRIDEVI KADIYAM, A. JHANSI RANI</p>
<p>4.45 PM TO 5.00 PM</p>	<p>THE COVID-19 IMAGES CLASSIFICATION BY MOBILENETV3 AND ENHANCED SINE COSINE METAHEURISTICS MIODRAG ZIVKOVIC, ALEKSANDAR PETROVIC, NEBOJSA BACANIN, STEFAN MILOSEVIC, VASILIJ VEJLIC, AND ANA VESIC</p>

Session-II -- Parallel Session-II
27th January 2022 [2.00am – 4.30pm]

TIME SLOT	TITLE DETAILS
2.00 PM TO 2.15 PM	RTL VERIFICATION AND FPGA IMPLEMENTATION OF GENERALIZED NEURAL NETWORKS: A HIGH-LEVEL SYNTHESIS APPROACH SATYASHIL D. NAGARALE, B. P. PATIL
2.15 PM TO 2.30 PM	APPLICATION OF A FUZZY LOGIC MODEL FOR OPTIMAL ASSESSMENT OF THE MAINTENANCE FACTOR AFFECTING LIGHTING IN INTERIOR DESIGN RAHIB IMAMGULUYEV AND RANA MIKAYILOVA, VUQAR SALAHLI
2.30 PM TO 2.45 PM	COMPREHENSIVE ANALYSIS TO PREDICT HEPATIC DISEASE BY USING MACHINE LEARNING MODELS R. SHIVA SHANKAR, P. NEELIMA, V. PRIYADARSHINI AND K. VSSR MURTHY
2.45 PM TO 3.00 PM	CLASSIFICATION OF BREAST CANCER TUMOR USING ENSEMBLE LEARNING ADITYA SINGH, VITTHAL GUTTE
3.00 PM TO 3.15 PM	DIFFERENT CATEGORIES OF FORWARDING ROUTING PROTOCOLS IN WSN (WIRELESS SENSOR NETWORK) : A REVIEW DEEPAK KUMAR, VISHAL KUMAR ARORA, RICHA SAWHNEY
3.15 PM TO 3.30 PM	COMPREHENDING OBJECT DETECTION BY DEEP LEARNING METHODS AND ALGORITHMS. MALLINENI PRIYANKA, KOTAPATI LAVANYA, K CHARAN SAI, KAVURI ROHIT, SHAHANA BANO
3.30 PM TO 3.45 PM	A COMPREHENSIVE SURVEY ON FEDERATED LEARNING: CONCEPT AND APPLICATIONS DHURGHAM HASSAN MAHLOOL, MOHAMMED HAMZAH ABED
3.45 PM TO 4.00 PM	A COMPREHENSIVE REVIEW OF OPTIMIZATION TECHNIQUES IN MACHINE LEARNING FOR EDGE DEVICES P. ALWIN INFANT, P.N. RENJITH, G.R. JAINISH, K. RAMESH
4.00 PM TO 4.15 PM	AIC FOR CLIENTS' PERCEIVED RISK ON ONLINE BUYING INTENTION DAM TRI CUONG

4.15 PM TO 4.30 PM	THE DICE FRAMEWORK: EFFICIENT COMPUTATION OFFLOADING THROUGH CASCADE IRENE KOMAL P, ANIRUDH BATHIJA, SINDHU K
4.30 PM TO 4.45 PM	INDEXING-, CLUSTERING-, AND SEARCH-ENGINE FOR DOCUMENTS UTILISING ELASTICSEARCH AND KIBANA FRANZ FREDERIK WALTER VIKTOR WALTER-TSCHARF
4.45 PM TO 5.00 PM	A SURVEY ON HEALTH CARE EEG CLASSIFICATION-BASED ML METHODS ABDULKAREEM A. AL-HAMZAWI AND DHIAH AL-SHAMMARY

Session-II -- Parallel Session-III
27th January 2022 [2.00am – 4.30pm]

TIME SLOT	TITLE DETAILS
2.00 PM TO 2.15 PM	QUANTUM BASED RESOURCE MANAGEMENT APPROACHES IN FOG COMPUTING ENVIRONMENTS : A COMPREHENSIVE REVIEW T. VENI
2.15 PM TO 2.30 PM	BLOCKCHAIN BASED FRAMEWORK FOR SECURE AND RELIABLE STUDENT INFORMATION MANAGEMENT SYSTEM USING ARTIFICIAL INTELLIGENCE NOOR M. ABDULHADI, NOOR A. IBRAHEEM AND MOKHTAR M. HASAN
2.30 PM TO 2.45 PM	SIAMESE Q&A: DISTINGUISHING UNANSWERABLE QUESTIONS USING DEEP LEARNING ANANTHA PADMANABHAN L, VADIVU G
2.45 PM TO 3.00 PM	THE STATE OF THE ART IN DEEP LEARNING BASED RECOMMENDER SYSTEMS RAGHAVENDRA C K AND SRIKANTAI AH K C
3.00 PM TO 3.15 PM	VARIOUS FRAMEWORKS FOR IOT ENABLED INTELLIGENT WASTE MANAGEMENT SYSTEM USING ML FOR SMART CITIES KARAN S BELSARE, MANWINDER SINGH
3.15 PM TO 3.30 PM	MULTI-LEVEL THRESHOLDING PARTITIONING ALGORITHM FOR GRAPH PROCESSING IN CLOUD COMPUTING J. CHINNA, K.KAVITHA
3.30 PM TO 3.45 PM	DETERMINING TRAJECTORIES FOR HAIR WASH AND HEAD MASSAGE ROBOT BASED ON ARTIFICIAL NEURAL NETWORK NGUYEN MINH TRIEU AND NGUYEN TRUONG THINH
3.45 PM TO 4.00 PM	PINEAPPLE EYES REMOVAL SYSTEM IN PEELING PROCESSING BASED ON IMAGE PROCESSING NGUYEN MINH TRIEU AND NGUYEN TRUONG THINH
4.00 PM TO 4.15 PM	THRESHOLD OPTIMIZATION IN MAXIMUM-MINIMUM EIGENVALUE BASED DETECTION IN COGNITIVE RADIO USING ANT COLONY OPTIMIZATION ANILKUMAR DULICHAND VISHWAKARMA, GIRISH ASHOK KULKARNI
4.15 PM TO 4.30 PM	GLAUCOMA DIAGNOSIS: HANDCRAFTED FEATURES VS DEEP LEARNING SHANTALA GIRADDI, SWATHI MUGDHA, SUVARNA KANAKARADDI, SATYADHYAN CHICKERUR
4.30 PM TO 4.45 PM	Q-LEARNING BASED SPATIAL REUSE ENHANCEMENT OF WIRELESS NETWORKS GAJANAN UTTAM PATIL, DR. GIRISH ASHOK KULKARNI

