



International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**

# Presentation Schedule

4th & 5th October 2023

Venue: MAHE, Dubai

(Online)



Organized by:

**Department of Mechanical and Industrial Engineering**  
Manipal Institute of Technology, MAHE, Manipal, India

**Department of Mechanical Engineering, School of Engineering and IT**  
MAHE, Dubai

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



4th October 2023

05:00 PM - 6:30 PM

Room No. 1

**Session Chairs: Dr Shrirang Ambaji Kulkarni**

Manipal Institute of Technology Bengaluru, Manipal Academy of Higher Education, Karnataka, India

**Dr Geeta Rani**

Manipal University Jaipur, Rajasthan, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-312	ROSHAN DAVID JATHANNA	BLOCKCHAIN FOR SECURE SHARING OF NEONATAL DATA
RAiSE23-480	K.ABINAYA	A NOVEL HYPER SPECTRAL MODEL TO OPTIMIZE THE PREDICTION RATE FOR HEART DISEASE IN MODERN HEALTHCARE NETWORKS
RAiSE23-494	VIRUPAKSHAPPA	ENHANCING SKIN DISEASE SEGMENTATION WITH WEIGHTED ENSEMBLE REGION-BASED CONVOLUTIONAL NETWORK
RAiSE23-495	CHRISTODOSS PRASANNA RANJITH	IMAGE PROCESSING USING FEATURE-BASED SEGMENTATION TECHNIQUES FOR ANALYSIS OF MEDICAL IMAGES
RAiSE23-499	AMBIKA	DEEP LEARNING BASED COVERLESS IMAGE STEGANOGRAPHY ON MEDICAL IMAGES SHARED VIA CLOUD
RAiSE23-954	VARUNA KUMARA	AN ARTIFICIAL INTELLIGENCE BASED SCHEME FOR THE MANAGEMENT OF VACCINES DURING PANDEMICS
RAiSE23-960	SUDHA RANI .V	HISTOPATHOLOGICAL IMAGE ANALYSIS USING DEEP LEARNING FRAMEWORK
RAiSE23-965	RENJITH P N	EARLY DETECTION OF ALZHEIMER'S DISEASE: AN EXTENSIVE REVIEW OF ADVANCEMENTS IN MACHINE LEARNING MECHANISMS USING ENSEMBLE AND DEEP LEARNING TECHNIQUES

**Session Moderator: Mr Karthik BM**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



4th October 2023

05:00 PM - 6:30 PM

Room No. 2

**Session Chairs: Dr Neelima Bayyapu**

Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, Karnataka, India

**Dr Manoj Kumar Sharma**

Manipal University Jaipur, Rajasthan, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-106	SARTHAK RAGHUVANSHI	THE VGG16 METHOD IS A POWERFUL TOOL FOR DETECTING BRAIN TUMORS USING DEEP-LEARNING TECHNIQUES
RAiSE23-127	SATYAM TIWARI	A COMPREHENSIVE REVIEW ON THE APPLICATION OF 3D CONVOLUTIONAL NEURAL NETWORKS IN MEDICAL IMAGING
RAiSE23-163	PANKAJ KUNEKAR	EPILEPSY SEIZURE DETECTION USING MACHINE LEARNING ALGORITHM
RAiSE23-228	MANOJ M MALLYA	TRACKING DAILY COVID-19 INFECTION COUNT IN EUROPEAN COUNTRIES USING HADOOP MAPREDUCE
RAiSE23-356	JAYNEET ASHISH JAIN	DEEP LEARNING TRANSFER TECHNIQUES TO CLASSIFY BRAIN TUMOURS USING MRI IMAGES
RAiSE23-371	R. RAMKUMAR	BREAST CANCER DIAGNOSIS USING BAGGING DECISION TREES WITH IMPROVED FEATURE SELECTION
RAiSE23-387	KRISHNAVENI KOMMURI	DEVELOPMENT OF A MODIFIED MEDTOC SYSTEM TO SECURE HEALTH-RELATED DATA FROM CHANGES IN THE ENVIRONMENTAL PARAMETERS
RAiSE23-1074	NILESH DUBEY	STATE-OF-THE-ART: IMPROVISATION IN SPINAL SURGERY USING AR (AUGMENTED REALITY), MR (MIXED REALITY) AND VR (VIRTUAL REALITY)

**Session Moderator: Dr Shivaprakash YM**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



**4th October 2023**

**05:00 PM - 6:30 PM**

**Room No. 3**

**Session Chairs: Dr M V Reddy**  
NMG Canada

**Dr Vijay GS**  
Manipal Institute of Technology, Manipal Academy of Higher Education,  
Manipal, Karnataka

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-124	ROHAN SHARMA UPPANGALA	INFLUENCE OF IMPLANT-ABUTMENT CONTACT SURFACES AND PROSTHETIC SCREW TIGHTENING TORQUE ON THE STRESS CONCENTRATION AND THE MICRO GAP: A 3D FINITE ELEMENT ANALYSIS
RAiSE23-145	ANAND SINGH RAJAWAT	LONGEVITY RECOMMENDATION FOR ROOT CANAL TREATMENT
RAiSE23-185	ARUPRATAN GUPTA	DETERMINATION OF THE FRACTURE POINT FOR THE INCONEL -718 USING LUDER'S BAND METHOD
RAiSE23-258	PRATHIK JAIN S	PREDICTION OF MACHINING CHARACTERISTICS AND MACHINING PERFORMANCE FOR TITANIUM GRADE 2 MATERIAL IN WEDM USING GMDH AND ANN
RAiSE23-300	PARVATHY A L	INVESTIGATION ON ACOUSTIC PERFORMANCE OF MICRO-PERFORATED PANEL INTEGRATED COILED-UP SPACE ACOUSTIC ABSORBER
RAiSE23-505	GAJANAN ANNE	EFFECT OF ANODIZATION ON MECHANICAL AND CORROSION BEHAVIOUR OF ACCUMULATIVE ROLL BONDED MG-ZN/AL-7075 COMPOSITES
RAiSE23-487	MANISH KUMAR THIMMARAJU	NOVEL NANO-FORMULATION CONCEPT OF KETOROLAC LOADED WITH PLGA: DESIGN, DEVELOPMENT AND ANALYSIS
RAiSE23-1073	PURNIMA RAI	EVALUATION OF COMBINE EFFECT OF ZERO FLUX CONDITION AND CONVECTIVE BOUNDARY CONDITION ON (MHD) BOUNDARY LAYER SLIP FLOW OF NANOFUID OVER A MOVING SURFACE USING BUOGIORNO'S MODEL

**Session Moderator: Mr Nakul Sreedhar**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



4th October 2023

05:00 PM - 6:30 PM

Room No. 4

**Session Chairs: Dr Kanthi M**

Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, Karnataka, India

**Dr Akhilesh Kumar Sharma**

Manipal University Jaipur, Jaipur, Rajasthan, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-170	PRATIBHA SHINDE	FACE ANTI-SPOOFING AND CRIMINAL IDENTIFICATION USING DEEP NEURAL NETWORK
RAiSE23-171	JERIN PAUL SELVAN	CALCULATION OF NEURAL NETWORK WEIGHTS AND BIASES USING PARTICLE SWARM OPTIMIZATION
RAiSE23-395	RASHMI L MALGHAN	SAFEGUARDING AGAINST CYBER THREATS: MACHINE LEARNING-BASED APPROACHES FOR REAL-TIME FRAUD DETECTION AND PREVENTION
RAiSE23-400	KAREN JANE DSOUZA	ON THE ANALYSIS OF SWARM ROBOTICS IN SENSOR-BASED ENVIRONMENTAL MONITORING FOR SUSTAINABLE POULTRY FARMING
RAiSE23-420	ANKUR JAIN	CONFLICTING INFORMATION SPREADING MODEL CONSIDERING USER'S OPINION PROTECTION AND NO CO-OPERATION ABILITY FOR INFORMATION SECURITY
RAiSE23-426	SARVESH KUMAR	HEURISTIC DRIVEN APPROACH FOR EFFICIENT WORKFLOW SCHEDULING IN IAAS CLOUD USING HYBRID OPTIMIZATION ALGORITHMS
RAiSE23-434	VIJAY PRAKASH SHARMA	AN EFFECTIVE NETWORK INTRUSION DETECTION SYSTEM USING RECURSIVE FEATURE ELIMINATION TECHNIQUE
RAiSE23-966	G. KISHORE BABU	"ANALYTICAL MODELLING OF TRAPEZOIDAL MONOPOLE STRUCTURED ANTENNA FOR WI-FI, ISM AND WIRELESS COMMUNICATION SYSTEM APPLICATIONS"

**Session Moderator: Mr Vinyas**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



4th October 2023

05:00 PM - 6:30 PM

Room No. 5

**Session Chairs: Dr Pramod Kumar**

Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, Karnataka, India

**Dr Vinod Kumar Joshi**

Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, Karnataka, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-146	CHAYA JADHAV	CROWD MONITORING AND SUSPICIOUS BEHAVIOR DETECTION USING DEEP LEARNING
RAiSE23-150	HARSH BODKHE	TRACK-ME DOWN EMERGENCY LOCATION SERVICE PROVIDER
RAiSE23-343	NAZRUL ISLAM	A FUTURISTIC APPROCH FOR SECURITY IN CLOUD DATA CENTERS USING HYBRID ALGORITHM
RAiSE23-359	AVADH KISHOR SINGH	RECENT DEVELOPMENTS IN MACHINE LEARNING PREDICTIVE ANALYTICS FOR DISASTER RESOURCE ALLOCATION
RAiSE23-361	ARVIND KUMAR SINGH	EFFICIENT EXECUTION OF CLOUD RESOURCE MANAGEMENT IN CLOUD AND IOT APPLICATIONS
RAiSE23-363	VANDANA AHUJA	PESTS DETECTION USING CONVOLUTION NEURAL NETWORKS
RAiSE23-364	SAGAR BALU GAIKWAD	PREDICTION OF EMPLOYEE TURNOVER USING MACHINE LEARNING TECHNIQUES
RAiSE23-479	ANAMIKA GOEL	IMAGE FUSION TECHNIQUES BASED ON OPTIMIZATION ALGORITHMS: A REVIEW

**Session Moderator: Dr Madhwesh N**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



4th October 2023

05:00 PM - 6:30 PM

Room No. 6

**Session Chairs: Dr Dayananda P**

Manipal Institute of Technology, Bengaluru, Manipal Academy of Higher Education, Manipal, India

**Dr Himanshu Chaudhary**

Manipal University Jaipur, Rajasthan, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-125	SHREYA	A COMPREHENSIVE REVIEW ON UNSUPERVISED DOMAIN ADAPTATION FOR 3D SEGMENTATION AND RECONSTRUCTION IN CT UROGRAPHY IMAGING
RAiSE23-144	SANDIP VAIJANATH KENDRE	PREPARATION OBJECT DETECTION AND CLASSIFICATION USING QUANTUM TRANSFORMS
RAiSE23-155	MRITUNJAY KR. RANJAN	A NEW APPROACH FOR SENTIMENT ANALYSIS OF SOCIAL MEDIA COMMENTS USING NATURAL LANGUAGE PROCESSING
RAiSE23-156	KRUPALI DEVENDRA KANEKAR	SEASONAL VARIATION IN MODEL COEFFICIENT FOR MULTI-CRYSTALLINE SILICON PHOTOVOLTAIC TECHNOLOGY MODULE USING REGRESSION METHOD
RAiSE23-362	UPASANA DUGAL	UBIQUITOUS INTELLIGENT MACHINE LEARNING RESOURCE ALLOCATION SYSTEM IN IOT
RAiSE23-374	PURNIMA AWASTHI	DEEP LEARNING MODELS FOR CLASSIFICATION OF COTTON CROP DISEASE DETECTION
RAiSE23-377	ASHISH TIWARI	ONTOLOGY BASED RESOURCE ALLOCATION IN SUSTAINABLE CLOUD COMPUTING SYSTEM
RAiSE23-481	SOMANCHI HARI KRISHNA	AN ENHANCED TIME SERIES ANALYSIS TO IMPROVE THE PERFORMANCE OF 5G COMMUNICATION SYSTEMS

**Session Moderator: Dr Nagaraja Shetty**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



**4th October 2023**

**05:00 PM - 6:30 PM**

**Room No. 7**

**Session Chairs: Dr Kishore Bhamidipati**

Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, India

**Dr Shreyas Suresh Rao**

Department of Computer Science & Information Systems, BITS Pilani

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-151	PRIYADARSHAN DHABE	CHEATFIT: 3600 FITNESS APPLICATION
RAiSE23-152	SHUBHANGI PATIL	IDENTIFICATION OF TURMERIC RHIZOME USING IMAGE PROCESSING AND MACHINE LEARNING
RAiSE23-153	PURUSHOTTAM R PATIL	REVIEW AND ANALYSIS OF THE LITERATURE AI-BASED DIGITAL TRANSFORMATION OF AUTOMATED CUSTOMER ONBOARDING
RAiSE23-193	PRATHVI SHENOY	MATHEMATICAL MODELS TO COMPARE THE PHARMACOKINETICS OF METHADONE, BUPRENORPHINE, TRAMADOL, AND TAPENTADOL
RAiSE23-237	SHILPA GITE	UNFOLDING CONVERSATIONAL AI: A SYSTEMATIC REVIEW OF DATASETS, TECHNIQUES AND CHALLENGES IN DEVELOPMENTS
RAiSE23-378	MANMOHAN SINGH YADAV	RESOURCE MANAGEMENT TECHNIQUES IN THE INTERNET OF THINGS, EDGE AND FOG COMPUTING ENVIRONMENTS
RAiSE23-392	ASHISH TIWARI	SALES BASED MODELS FOR RESOURCE MANAGEMENT AND SCHEDULING IN AI SYSTEM
RAiSE23-393	NIROSHINI INFANTIA H	AN EFFICIENT AND ROBUST METHOD FOR DATA PRIVACY AND SECURITY IN PUBLIC CLOUD USING A NOVEL HYBRID TECHNIQUE

**Session Moderator: Dr Dolfred Vijay Fernandes**



International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



**4th October 2023**

**05:00 PM - 6:30 PM**

**Room No. 8**

**Session Chairs: Dr Geetha M**

Manipal Institute of Technology, Manipal, Manipal Academy of Higher Education, Manipal, India

**Dr Sultan Ahmad**

Prince Sattam bin Abdulaziz University, Alkharj, Saudi Arabia

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-165	PANKAJ KUNEKAR	TRAFFIC MANAGEMENT SYSTEM USING YOLO ALGORITHM
RAiSE23-166	SMITA BHARNE	AUTOMATIC IMAGE CAPTION GENERATION USING BOOTSTRAPPING LANGUAGE-IMAGE PRE-TRAINING MODEL FOR USER PROFILES IMAGES
RAiSE23-196	AKHILESHWER KAILASH MUNSHI	THE WANING INTELLECT THEORY: A THEORY ON ENSURING ARTIFICIAL INTELLIGENCE SECURITY FOR THE FUTURE
RAiSE23-213	RAGHAVENDRA KAMATH C	FEASIBILITY ANALYSIS OF TAMURA FEATURES IN IDENTIFICATION OF MACHINED SURFACE IMAGES USING ANN AND MACHINE LEARNING TECHNIQUES
RAiSE23-386	HARISH DUTT SHARMA	AN ANALYSIS OF SENTIMENT: METHODS, APPLICATIONS, AND CHALLENGES
RAiSE23-394	AKANKSHA SINGH	INTELLIGENT MACHINE LEARNING BASED IOT RESOURCE ALLOCATION
RAiSE23-407	MURALI KRISHNA MUDDADA	PLANT DISEASE PROGNOSIS USING SPATIAL EXPLOITATION BASED DEEP LEARNING MODELS
RAiSE23-429	MICHAEL ADDO	VISUAL OBJECT DETECTION USING AUDIO DATA IN SMART CAMERAS

**Session Moderator: Dr Gururaj Bolar**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



4th October 2023

05:00 PM - 6:30 PM

Room No. 9

**Session Chairs: Dr Siddhalinga Swamy**

Manipal Institute of Technology, Manipal, Manipal Academy of Higher Education, Manipal, India

**Dr Anubha Jain**

IIS (Deemed to be University), Jaipur, Rajasthan, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-154	PANKAJ KUNEKAR	BLOCKCHAIN-BASED NETWORK OPTIMIZATION FOR WORKSTATION NODES
RAiSE23-224	SATYAM MISHRA	UNVEILING THE NEURAL MIRAGE IN THE PURSUIT OF TRANSCENDENT INTELLIGENCE
RAiSE23-388	MURALI KRISHNA MUDDADA	MULTI-OBJECTIVE ANT COLONY OPTIMIZATION (MOACO) APPROACH FOR MULTI-DOCUMENT TEXT SUMMARIZATION
RAiSE23-603	AMBIKA	LEAKY RELU-RESNET FOR PLANT LEAF DISEASE DETECTION: A DEEP LEARNING APPROACH
RAiSE23-605	SACHINKUMAR VEERASHETTY	ATTENTION GUIDED DEEP LEARNING TEXTURE FEATURE FOR OBJECT RECOGNITION APPLICATIONS
RAiSE23-606	SHERINELIYAS	A MODEL OF GAMIFICATION BY COMBINING AND MOTIVATING E-LEARNERS AND FILTERING JOBS FOR CANDIDATES
RAiSE23-950	K.BABU	HYBRID FEATURE SELECTION AND CLASSIFYING STAGES THROUGH ECG SIGNAL FOR HEART DISEASE PREDICTION
RAiSE23-951	CHANDRA SEKAR .P	FIREFLY OPTIMIZED RESOURCE CONTROL AND ROUTING STABILITY IN MOBILE ADHOC NETWORK

**Session Moderator: Dr Subash Acharya**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



**4th October 2023**

**05:00 PM - 6:30 PM**

**Room No. 10**

**Session Chairs: Dr Rajesh Gopakumar**

Manipal Institute of Technology, Manipal, Manipal Academy of Higher Education, Manipal, India

**Dr Shahbaz Ahmed Siddiqui**

Manipal University Jaipur, Jaipur, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-167	MOHMMADALI MUZFFARALI SAIYYAD	TEXT SUMMARIZATION USING DEEP LEARNING TECHNIQUES: A SURVEY
RAiSE23-168	ANIL LOHAR	IDENTIFICATION AND PREVENTION OF PESTS ON CROPS
RAiSE23-169	NURAS NASER SAEED HIZAM	INTERNET OF THINGS AND DIVERSITY OF DEVICE'S FRAMEWORKS AND ARCHITECTURES: SURVEY
RAiSE23-1001	K.RAMALAKSHMI	USING ARTIFICIAL INTELLIGENCE METHODS TO CREATE A CHATBOT FOR A UNIVERSITY QUESTIONS AND ANSWERS
RAiSE23-1006	R VENKATESAN	HUMAN EMOTION DETECTION USING DEEPPFACE AND ARTIFICIAL INTELLIGENCE
RAiSE23-1007	A. SUJA ALPHONSE	A METHODOICAL REVIEW OF IRIDOLOGY-BASED COMPUTER-AIDED ORGAN STATUS ASSESSMENT TECHNIQUES
RAiSE23-1009	YASHOVARDHAN	DEVELOPMENT OF A COST-EFFECTIVE SMARTPHONE-BASED IMAGING DEVICE FOR THE STUDY OF BIOMEDICAL SAMPLES

**Session Moderator: Dr Amar Murthy**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



**4th October 2023**

**05:00 PM - 6:30 PM**

**Room No. 11**

**Session Chairs: Dr S B Goyal**

City University, Petaling Jaya, Malaysia

**Dr Ramakrishna M**

Manipal Institute of Technology, Manipal, Manipal Academy of Higher Education, Manipal, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-101	ORUGANTI S S SUMANTH CHOWDARY	5G TECHNOLOGY IS THE FUTURE OF HEALTHCARE: OPENING UP A NEW HORIZON FOR DIGITAL TRANSFORMATION IN THE HEALTHCARE LANDSCAPE
RAiSE23-105	ANANT BHATT	ARTIFICIAL INTELLIGENCE IN ELECTRONIC WARFARE: RISE OF INTELLIGENT ASYMMETRIC WARFARE SYSTEMS
RAiSE23-120	SUNIL T	A NEW GATE CONTROL UNIT-RECURRENT NEURAL NETWORK STRUCTURE FOR AUDIO-BASED SENTIMENT ANALYSIS
RAiSE23-141	REHAN AZIZ	HAND GESTURE RECOGNITION IN INDIAN SIGN LANGUAGE USING DEEP LEARNING
RAiSE23-142	AMIT R. GADEKAR	STOCK MARKET PREDICTION USING LSTM AND MOVING AVERAGE RISK ANALYSIS
RAiSE23-482	MS.ARCHANA JENIS	THE INTELLIGENT CONNECTION MANAGEMENT MODEL TO ENHANCE THE SECURITY OF CLOUD COMPUTERS IN HIGH DENSE FOG NETWORKS
RAiSE23-483	L.KANNANVENUGOPAL	A NOVEL INFORMATION SECURITY FRAMEWORK FOR SECURING BIG DATA IN HEALTHCARE ENVIRONMENT USING BLOCKCHAIN
RAiSE23-1002	SNEHA GEORGE	GEOPOSITIONAL DATA ANALYSIS USING CLUSTERING TECHNIQUES TO ASSIST OCCUPANTS IN A SPECIFIC CITY

**Session Moderator: Dr Anand Hegde**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



**4th October 2023**

**05:00 PM - 6:30 PM**

**Room No. 12**

**Session Chairs: Dr. Rahul Paul**

Center for Biologics Evaluation and Research (CBER), U.S. Food and Drug Administration, United States

**Dr Manjunath K Vanahalli**

Indian Institute of Information Technology, Dharwad, Karnataka, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-339	ASHISH KUMAR RASTOGI	DIMENSIONALITY REDUCTION ALGORITHMS IN MACHINE LEARNING: A THEORETICAL AND EXPERIMENTAL COMPARISON
RAiSE23-384	ABHISHEK GUDIPALLI	CURRENT MEASUREMENT AND FAULT DETECTION BASED ON NON-INVASIVE SMART IOT TECHNIQUE
RAiSE23-462	M SREEDEVI	CNAIS : PERFORMANCE ANALYSIS OF CLUSTERING OF NON-ASSOCIATED ITEMS SET TECHNIQUES
RAiSE23-465	SMITHA B.A	SUPERVISED SENTIMENT ANALYSIS OF INDIRECT QUALITATIVE STUDENT FEEDBACK FOR AN UNBIASED OPINION MINING
RAiSE23-466	SHRUTHISHREE. S.H	FUTURE FUSION+UNET(R2U-NET) DEEP LEARNING ARCHITECTURE FOR BREAST MASS SEGMENTATION
RAiSE23-472	ARCHANA S NADHAN	A SECURE LIGHTWEIGHT CRYPTOGRAPHIC ALGORITHM FOR THE INTERNET OF THINGS BASED ON DNA SEQUENCES
RAiSE23-473	K.MUTHULAKSHMI	PV-WIND HYBRID ENERGY SYSTEM USING IMPROVED DEEP NEURAL NETWORK BASED VOLTAGE SOURCE CONTROLLER FOR MICROGRID ENVIRONMENT
RAiSE23-475	R.UDAYAKUMAR	A HYBRID MODIFIED ARTIFICIAL BEE COLONY (ABC) BASED ARTIFICIAL NEURAL NETWORK MODEL FOR POWER MANAGEMENT CONTROLLER AND HYBRID ENERGY SYSTEM FOR ENERGY SOURCE INTEGRATION

**Session Moderator: Dr R C Shivamurthy**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



**4th October 2023**

**05:00 PM - 6:30 PM**

**Room No. 13**

**Session Chairs:** **Dr Oussama H Hamid**  
Higher Colleges of Technology, Abu Dhabi, UAE

**Dr Karunakar A Kotegar**  
Manipal Institute of Technology, Manipal, Manipal Academy of Higher Education, Manipal, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-134	NOEL JOHN VEIGAS	A COMPREHENSIVE ANALYSIS OF THE USER EXPERIENCE IN DIGITAL PLATFORMS CONCERNING THE PRACTICE OF NUDGING USER BEHAVIOR
RAiSE23-135	AVIRUP MAITY	EXPLORING THE INFLUENCE OF CULTURE USER EXPERIENCE IN DIGITAL PLATFORMS
RAiSE23-139	SAURABH MADAKE	ONLINE CATERING SYSTEM FOR COLLEGE CANTEEN USING FIREBASE
RAiSE23-271	SNIGDH RAJ	AUTOMATED EMAIL CLASSIFICATION USING MACHINE LEARNING APPROACHES
RAiSE23-340	ASHISH KUMAR RASTOGI	INTERNET OF THINGS ENABLED MACHINE LEARNING BASED SMART SYSTEMS: A BIRD'S EYE VIEW
RAiSE23-476	R.UDAYAKUMAR	WEIGHTED PARTICLE SWARM OPTIMIZATION BASED ALGORITHM AND POWER MANAGEMENT STRATEGY FOR GRID HYBRID ENERGY SYSTEM
RAiSE23-489	SUCHITRA DEVIPRASAD	THE MACHINE LEARNING BASED TASK AUTOMATION FRAMEWORK FOR HUMAN RESOURCE MANAGEMENT IN MNC COMPANIES
RAiSE23-967	G KISHORE BABU	DESIGN IMPLEMENTATION OF TRAPEZOIDAL NOTCH BAND MONOPOLE ANTENNA FOR LTE, ISM, WI-MAX AND WLAN COMMUNICATION APPLICATIONS

**Session Moderator: Dr Aruna Prabhu**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



**5th October 2023**

**05:00 PM - 6:30 PM**

**Room No. 14**

**Session Chairs: Dr Neha Chaudhary**

Manipal University Jaipur, Rajasthan, India

**Dr Sultan Ahmad**

Prince Sattam bin Abdulaziz University, Alkharj, Saudi Arabia

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-108	HRIWIK GHOSH	ADVANCED DEEP LEARNING MODELS FOR CORN LEAF DISEASE CLASSIFICATION: A FIELD STUDY IN BANGLADESH
RAiSE23-164	AJIT PATIL	A SURVEY ON FORECASTING IOT TIME SERIES DATA
RAiSE23-172	PANKAJ KUNEKAR	TRANSPORT VEHICLE DEMAND PREDICTION USING CONTEXT AWARE NEURAL NETWORKS
RAiSE23-626	T JAGADESH	A LINEAR DIFFERENTIATION SCHEME FOR CAMOUFLAGED TARGET DETECTION USING CONVOLUTION NEURAL NETWORKS
RAiSE23-956	KISHORE KUMAR	AN EFFICIENT ROUTING ALGORITHM FOR IMPLEMENTING IOT BASED WSN USING DINZO OPTIMIZER
RAiSE23-957	MADHAVI DEVI LANKA	M-SHAPED CONFORMAL ANTENNA WITH FSS BACKING FOR GAIN ENHANCEMENT
RAiSE23-963	ALOK MISHRA	A COMPREHENSIVE ANALYSIS OF FND (FAKE NEWS DETECTION) MODELS: A SYSTEMATIC LITERATURE REVIEW AND CURRENT CHALLENGES
RAiSE23-971	RAJESH KATRAGADDA	"A COMPACT CPW FED TEXTILE SUBSTRATE BASED HALF CIRCULAR SPIKE MONOPOLE ANTENNA"
RAiSE23-1033	OUSSAMA H HAMID	A COMPARATIVE ANALYSIS OF ONLINE AND ON-SITE SELF-SERVICE TECHNOLOGIES
RAiSE23-962	GEORGIOS TSARAMIRSIS	ENHANCING VIRTUAL EXPERIENCES: A HOLISTIC APPROACH TO IMMERSIVE SPECIAL EFFECTS

**Session Moderator: Dr Harish Kumar Kamath**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



5th October 2023

05:00 PM - 6:30 PM

Room No. 15

**Session Chairs: Dr Anubha Jain**

IIS (Deemed to be University), Jaipur, Rajasthan, India

**Dr P V Bhaskar Reddy**

REVA University, Bangalore

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-157	PALLAVI DHADE	FEDERATED LEARNING FOR HEALTHCARE: A COMPREHENSIVE REVIEW
RAiSE23-158	PANKAJ KUNEKAR	COMPARISON OF DIFFERENT MACHINE LEARNING ALGORITHMS TO CLASSIFY EPILEPSY SEIZURE FROM EEG SIGNALS
RAiSE23-159	AMOL POTGANTWAR	A SYSTEMATIC LITERATURE REVIEW ON CLOUD CONTAINERS SECURITY
RAiSE23-162	ABHAY R GAIDHANI	A REVIEW ON MACHINE LEARNING BASED ROUTING PROTOCOLS FOR WSN LIFETIME
RAiSE23-609	A NAVEENA	PERFORMANCE ANALYSIS OF PHYSICAL LAYER BASED MIMO- WIMAX
RAiSE23-623	S SUPRAKASH	A SECURE WEB APPLICATION FRAMEWORK FOR SECURE COMMUNICATION AND SECURE APPLICATION
RAiSE23-952	SANISH V S	FRACTAL-ENHANCED MICROSTRIP ANTENNAS: MINIATURIZATION, MULTIBAND PERFORMANCE & CROSS-POLARIZATION MINIMIZATION FOR WI-FI APPLICATIONS
RAiSE23-1003	K VIDYA	AGRICULTURAL FARM PRODUCTION MODEL FOR SMART CROP YIELD RECOMMENDATIONS USING MACHINE LEARNING TECHNIQUES

**Session Moderator: Dr Prateek Jain**



International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



5th October 2023

05:00 PM - 6:30 PM

Room No. 16

**Session Chairs: Dr Neha Tiwari**

IIS (Deemed to be University), Jaipur, Rajasthan, India

**Dr Dayananda P**

Manipal Institute of Technology Bengaluru, Manipal Academy of Higher Education, Manipal, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-143	VISHAL PATIL	SUSTAINABLE POWER PREDICTION AND DEMAND FOR HYPERSCALE DATACENTERS IN INDIA
RAiSE23-327	MARIA PAULSON	DEVELOPMENT OF AN ECO-FRIENDLY CROP PROTECTION SYSTEM
RAiSE23-445	ABIGAIL JUDITH	EFFICIENT DEEP LEARNING-BASED CYBER-ATTACK DETECTION FOR INTERNET OF MEDICAL THINGS DEVICES
RAiSE23-486	VINEETHA K R	AN ENHANCED AUTOMATION ANALYSIS FOR STRUCTURAL ALGORITHM IN AGRO-INDUSTRIES USING IOT
RAiSE23-488	G. SIRISHA	AN INNOVATIVE INTRUSION DETECTION SYSTEM FOR HIGH DENSE COMMUNICATION NETWORKS USING ARTIFICIAL INTELLIGENCE
RAiSE23-608	JAYASREE. R	DESIGN OF PREDICTION MODEL TO PREDICT STUDENTS' PERFORMANCE USING EDUCATIONAL DATA MINING AND MACHINE LEARNING
RAiSE23-611	S. PRABU	FORWARDING PROTOCOL FOR MOBILE NETWORKS USING EFFICIENT BINARY STRUCTURES
RAiSE23-612	ANITHA CHRISTY ANGELIN	A COMPARATIVE STUDY OF COVERAGE HOLE DETECTION TECHNIQUES IN WIRELESS SENSOR NETWORKS
RAiSE23-214	SHANTARAM B NADKARNI	COMPARATIVE STUDY OF DIVERSE RANDOM FOREST AND GRADIENT BOOSTING ALGORITHMS TO PREDICT AIRFOIL SELF-NOISE
RAiSE23-278	SAFAL CHOUDHARY	A HOLISTIC APPROACH ON SMART GARMENT FOR PATIENTS WITH JUVENILE IDIOPATHIC ARTHRITIS

**Session Moderator: Dr Arunkumar HS**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



5th October 2023

05:00 PM - 6:30 PM

Room No. 17

**Session Chairs: Dr Murthy BRN**

Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, India

**Dr Shivamurthy B**

Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-183	MAHESH KUMAR	STUDY OF THE MECHANICAL PROPERTIES OF THE FLY ASH COMPOSITE BRICKS.
RAiSE23-202	RAKSHITH M C	PREDICTION OF THE REAMING TORQUE USING ANN AND RANDOM FOREST ALGORITHM: COMPARATIVE PERFORMANCE ANALYSIS
RAiSE23-203	AARUSHI SINGH	A COMPREHENSIVE ANALYSIS OF CONTAMINANTS, CONSEQUENCES, ADVANCED RECYCLING TECHNOLOGIES, AND REGULATORY COMPLIANCE FOR SUSTAINABLE E-WASTE MANAGEMENT IN INDIA.
RAiSE23-227	MADHAVI KILARU	SUSTAINABILITY IN SUPPLY CHAIN MANAGEMENT: A CASE STUDY OF THE INDIAN RETAILING INDUSTRY
RAiSE23-254	HARI KRISHNA CHITYALA	SHORT CYCLED REPEATED WEIL SEQUENCES WITH LOW CORRELATION VALUES
RAiSE23-281	MADHUSUDHAN BALKUNDHI	COMPARATIVE ANALYSIS OF HELICAL MILLING AND CONVENTIONAL DRILLING FOR HOLE-MAKING IN CARALL
RAiSE 23 1036	TAREQ AZEEZ HAMZAH	TOMOGRAPHIC EVALUATION OF THE EFFICACY OF THREE ROTARY RETREATMENT SYSTEMS FOR RETREAT-ABILITY OF ROOT CANALS OBTURATED WITH TWO DIFFERENT TECHNIQUES
RAiSE 23 1092	SARAH MAYSAM T	EFFECT OF VIOLET LASER IRRADIATION ON THE OPTICAL PROPERTIES OF POLYVINYL ALCOHOL/METHYL ORANGE COMPOSITE THICK FILMS: AS A MODEL FOR MEDICAL APPLICATIONS
RAiSE23-1010	DEVICHARAN R	PROPERTIES AND PERFORMANCE EVALUATION OF NATURAL FIBER AND PLA COMPOSITES FOR FDM 3D PRINTING: A COMPREHENSIVE REVIEW
RAiSE23-451	MURALIDHAR N	FINITE ELEMENT STUDY ON COCONUT INFLORESCENCE STEM FIBER COMPOSITE PANELS SUBJECTED TO STATIC LOADING

**Session Moderator: Prof Kevin A Mathias**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



**5th October 2023**

**05:00 PM - 6:30 PM**

**Room No.18**

**Session Chairs: Dr Madhwesh N**

Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, India

**Dr BHS Thimmappa**

Bhagawan Mahavir University, Gujarat

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-119	SUMIT TANEJA	GREEN HYDROGEN AS A CLEAN ENERGY RESOURCE AND ITS APPLICATIONS AS AN ENGINE FUEL
RAiSE23-217	ARIGELA SATYA VEERENDRA	TOTAL HARMONIC DISTORTION ANALYSIS OF SEVEN-LEVEL INVERTER FOR FUEL CELL APPLICATIONS
RAiSE23-277	DOLFRED VIJAY FERNANDES	HEAT TRANSFER ENHANCEMENT IN A TUBE HEAT EXCHANGER USING DIS-CRETE TRIANGULAR PRISM ROUGHNESS ELEMENTS
RAiSE23-330	MACHERLA NAGARAJU	INVESTIGATION OF STRUCTURAL AND ELECTROCHEMICAL PROPERTIES OF HETERO ATOM DOPED
RAiSE23-370	UDIT MAMODIYA	REDUCED GRAPHENE OXIDE FOR SUPERCAPACITORS
RAiSE23-423	ANKIT SONI	DESIGN AND IMPLEMENTATION OF A HARDWARE-IMPLEMENTED DUAL-AXIS SOLAR
RAiSE23-436	AYAD F ALKAIM	REMOVAL OF POLLUTANTS FROM AQUEOUS SOLUTIONS AS A GOOD MODEL OF CATIONIC AND ANIONIC DYES BY USING A FRIENDLY ADSORBENT SURFACE
RAiSE23-977	ZIANAB TARIQ	TRACKING SYSTEM FOR ENHANCED ENERGY EFFICIENCY
RAiSE 23 1035	MUHANNAD KH MOHAMMED	ENERGY MANAGEMENT CONTROL STRATEGY BASED ON HARRIS HAWKS OPTIMIZATION TECHNIQUE FOR FUEL CELL HYBRID ELECTRIC VEHICLE
RAiSE23-440	RAGHUNANDANA K	BENDING STRESSES IN PROFILE CORRECTED GEARS

**Session Moderator: Mr Dilifa Noronha**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



5th October 2023

05:00 PM - 6:30 PM

Room No. 19

**Session Chairs: Dr Shaik Feroz**

Prince Mohammad Bin Fahd University, Kingdom of Saudi Arabia

**Dr Raghavendra Kamath C**

Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-241	NAGARAJA SHETTY	OPTIMIZATION OF DRILLING PARAMETERS ON DELAMINATION AND BURR FORMATION IN DRILLING OF NEAT CFRP AND HYBRID CFRP NANO-COMPOSITES
RAiSE23-252	KIRANA KUMARA P	STUDY ON THE SUITABILITY OF CONSTANT BOUNDARY ELEMENTS FOR THE SIMULATION OF BIOLOGICAL ORGANS
RAiSE23-299	NURENDRA CHHETRI	"ELECTRO-OXIDATION OF PROPRANOLOL IN ABSENCE AND PRESENCE OF SURFACE-ACTIVE IONIC LIQUID AND CATIONIC SURFACTANT AT GLASSY CARBON ELECTRODE"
RAiSE23-390	ARUMUGA PERUMAL D	NUMERICAL SIMULATION OF LID-DRIVEN CAVITY FLOW INDUCED BY TRI-ANGULAR OBSTACLES
RAiSE23-421	ADITHYA HEGDE	EXPERIMENTAL AND ANALYTICAL INVESTIGATION ON MECHANICAL CHARACTERISTICS OF POWDER METALLURGY BASED ALUMINUM MATRIX REINFORCED WITH DIFFERENT PARTICULATES
RAiSE23-422	ADITHYA HEGDE	TRIBOLOGICAL BEHAVIOUR OF POWDER METALLURGY BASED Ti-6Al-4V-SiCp METAL MATRIX COMPOSITES
RAiSE23-437	AYAD F. ALKAIM	PHOTOCATALYTIC ACTIVITY OF REMOVAL OF POLLUTANTS (MIXTURE OF DYES): SYNTHESIS, CHARACTERIZATION AND REGENERATION OF Ag/TiO <sub>2</sub> NP
RAiSE23-438	AYAD F ALKAIM	MULTIWALL CARBON NANOTUBES-BENTONITE CLAY COMPOSITE AS AN ADSORBENT FOR THE TREATMENT OF POLLUTED WATER CONTAINING METHYLENE BLUE DYE
RAiSE23-1005	REYA ISSAC	USING CHEMICAL PRECIPITATION TO RECOVER STRUVITE FROM HOUSEHOLD WASTEWATER FOR AGRICULTURAL FERTILISER UTILISATION

**Session Moderator: Prof Nakul Sreedhar**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



5th October 2023

05:00 PM - 6:30 PM

Room No. 20

**Session Chairs: Dr K Jayakrishna**

Vellore Institute of Technology University  
Vellore, Tamil Nadu, India

**Dr Suriani Ibrahim**

Faculty of Engineering, Universiti Malaya  
Kuala Lumpur, Malaysia

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-206	SURESH B S	CHARACTERIZATION OF ALUMINIUM ALLOY LM6 WITH B4C AND GRAPHITE REINFORCED HYBRID METAL MATRIX COMPOSITES
RAiSE23-226	AMITH K V	ROLE OF COMPUTATIONAL MATERIAL SCIENCE IN IMPROVING THE PROPERTIES OF PIEZOELECTRIC SMART MATERIALS: A REVIEW
RAiSE23-232	SUSHIL KUMAR JAIN	INFLUENCE OF MWCNT IN SULPHUR/ CNT COMPOSITES SYNTHESIZED USING SOLUTION CASTING METHOD
RAiSE23-313	NEETHA SHENOY	COMPARATIVE EVALUATION OF THE MICROLEAKAGE OF TWO BONDING SYSTEMS PRETREATED WITH CHITOSAN NANOPARTICLES AND RESTORED WITH COMPOSITE RESIN: AN IN VITRO STUDY
RAiSE23-380	AYAD F ALKAIM	PREPARATION OF BIO-NANOCOMPOSITE OF SODIUM ALGINATE, APPLICATION OF DRUG RELEASE, BIOLOGICAL ACTIVITY AND USE AS ADHESIVE WOUND DRESSING
RAiSE23-381	AYAD F. ALKAIM	COMPARATIVE STUDY OF REMOVAL OF CATIONIC BRILLIANT GREEN DYE FROM AQUEOUS SOLUTION BY USING DIFFERENT SOURCES OF CARBON LOADING ON ZINC OXIDE NANOPARTICLES: ISOTHERM MODEL STUDIES
RAiSE23-389	SANDHYA R JALGAR	INVESTIGATION OF NANO-COMPOSITE DAMPERS USING DIFFERENT NANO-MATERIALS IN CIVIL ENGINEERING STRUCTURES - A REVIEW
RAiSE23-396	SANDEEP GUPTA	ELECTROCHEMICAL SENSOR FOR ULTRA-SENSITIVE DETECTION OF LEAD (II) IONS IN WATER USING NA3BIO4 - B2O3 MIXED OXIDE NANOSTRUCTURES
RAiSE23-512	NEHA GUPTA	HYDROTHERMAL SYNTHESIS OF MESOPOROUS FETIO3 FOR PHOTO-FENTON DEGRADATION OF ORGANIC POLLUTANTS AND FLUORIDE ADSORPTION

**Session Moderator: Mr Karthik BM**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



5th October 2023

05:00 PM - 6:30 PM

Room No. 21

**Session Chairs: Dr Prashantha Kalappa**

Natural Sciences, Adichunchnagiri University, Karnataka, India

**Dr Ashok Rao**

Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, Karnataka, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-131	ASHWINI	PERFORMANCE ENHANCEMENT OF AGED MINERAL OIL BY BLENDING SYNTHETIC ESTER FOR TRANSFORMER INSULATION APPLICATIONS
RAiSE23-225	K.KALPANA	NONLINEAR BEHAVIOR OF COLD-FORMED STEEL COLUMNS: INVESTIGATING THE INFLUENCE OF STIFFENER ON STRENGTH AND BUCKLING RESISTANCE
RAiSE23-239	SHASHI RASHMI ACHARYA	FREE MONOMER RELEASE IN COMPOSITE RESIN RESTORATIONS- A RISING CONCERN IN DENTAL PRACTICE
RAiSE23-245	LAKSHMANAN VAIDHYARAMAN	PREPARATION & CHARACTERIZATION OF ACTIVATED CARBON USING PINECONE (CONIFER CONE) TO REMOVE PHENOL FROM WASTEWATER.
RAiSE23-372	VEENA GAYATHRI TAMMA	IDENTIFYING ANTIBIOTIC RESISTANT MUTANTS IN $\beta$ -LACTAMASES FOR CLASS A AND CLASS B USING UNSUPERVISED MACHINE LEARNING
RAiSE23-619	SHAIMAA MOHSEN ESSA	SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL ACTIVITY OF AZO DYES COMPLEXES WITH CHROMIUM (III) IONS
RAiSE23-620	MONTATHER F RAMADAN	GRAPHENE: SYNTHESIS AND PROPERTIES AS AN IMPORTANT COMPOUND IN THE INDUSTRY: A REVIEW
RAiSE23-635	SUDEEP N S	PERFORMANCE EVALUATION OF VARIOUS NI-BASED CATALYSTS FOR PRODUCTION OF HYDROGEN VIA STEAM METHANE REFORMING PROCESS
RAiSE23-469	SUBRAYA KRISHNA BHAT	POWER - YEOH: A YEOH - TYPE HYPERELASTIC MODEL WITH INVARIANT I2 FOR RUBBER LIKE MATERIAL

**Session Moderator: Dr Ashish Agarwal**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



5th October 2023

05:00 PM - 6:30 PM

Room No. 22

**Session Chairs: Dr Ravi Pratap Singh**

National Institute of Technology, Kurukshetra, Haryana, India

**Dr Raviraj Shetty**

Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, Karnataka, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-201	ADITI CHATURVEDI	ENHANCING BIODIESEL PRODUCTION FROM WASTE COOKING OIL USING CALCIUM HYDROXIDE AS CATALYST
RAiSE23-269	NIRANJAN N PRABHU	ETHANOL VAPOR SENSING PERFORMANCE OF CU DOPED ZNO NANOFIBER.
RAiSE23-296	GUNJAN BAGRI	MODELLING OF AR88 DYE FOR RESIDENCE TIME DISTRIBUTION STUDIES AND ADSORPTION ONTO OCIMUM SANCTUM IN PACKED BED REACTOR
RAiSE23-306	M PRABHAKARAN	INSIGHTS AND IMPLICATIONS: UNRAVELING CRITICAL FACTORS IN RESISTANCE SPOT WELDING OF DISSIMILAR METALS THROUGH SS 347 AND DSS 2205 WELDS
RAiSE23-349	GOPIKA S VINOD	ACCESSING THE MORPHOLOGY AND SHORELINE CHANGES OF KALLAI RIVER MOUTH USING REMOTE SENSING AND GIS
RAiSE23-379	ASEEL M ALJEBOREE	REGENERATION OF HYDROGEL COMPOSITE BASED ON BENTONITE CLAY: CHARACTERIZATION AND APPLICATION FOR BIOLOGICAL ACTIVITY
RAiSE23-382	AYAD F. ALKAIM	SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL ACTIVITY OF A NOVEL SURFACE (SA-g-p(AAc-co-AM)/ZnO NP) HYDROGEL COMPOSITE
RAiSE23-618	PRIYANKA CHALUVACHAR	A BRIEF REVIEW ON GRAPHITIC CARBON NITRIDE AND CONDUCTING POLYMER NANOCOMPOSITE ELECTRODES FOR SUPERCAPACITOR
RAiSE23-639	SHANEGOWDA T G	EXPERIMENTAL INVESTIGATION OF TWO AND THREE BLADE SAVONIUS HYDROKINETIC TURBINE FOR HYDROPOWER APPLICATIONS: A STUDY ACROSS VARIOUS TURBINE POSITIONS FROM CHANNEL CENTRE TO CHANNEL WALL

**Session Moderator: Dr Mithun Vijay Kanchan**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



5th October 2023

05:00 PM - 6:30 PM

Room No. 23

**Session Chairs: Dr Shiva Prasad U**

Ajeenkya D Y Patil University, Pune, India

**Dr Vidyasagar Shetty**

NMAM Institute of Technology, Nitte, Karnataka, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-118	SANJAY BABURAO KULKARNI	THE STUDY OF THE VALUE OF ? PROBABILITY SAMPLING BY TESTING OF HYPOTHESIS AND EXPERIMENTALLY
RAiSE23-184	ASHWENI KUMAR JAIN	REDUCING EQUIPMENT FAILURE RISKS BY REDESIGNING OF PRODUCTS AND PROCESSES
RAiSE23-263	BHARATHWAAJ SUNDARARAMAN	FAULT DETECTION AND CLASSIFICATION IN ELECTRICAL POWER TRANSMISSION SYSTEM USING WAVELET TRANSFORM
RAiSE23-491	ARABIND KUMAR	PHASE-IMAGE ENCRYPTION BASED ELLIPTIC CURVE AND DOUBLE RANDOM PHASE ENCODING
RAiSE23-617	DIPINKRISHNAN R	DIFFERENTIAL EVOLUTION OPTIMIZED NOMA FOR SUM RATE MAXIMIZATION
RAiSE23-381	AYAD F ALKAIM	COMPARATIVE STUDY OF REMOVAL OF CATIONIC BRILLIANT GREEN DYE FROM AQUEOUS SOLUTION BY USING DIFFERENT SOURCES OF CARBON LOADING ON ZINC OXIDE NANOPARTICLES: ISOTHERM MODEL STUDIES
RAiSE23-628	MONIKA SOGANI	BIOMATERIALS: A SUSTAINABLE SOLUTION FOR CIRCULAR ECONOMY
RAiSE23-634	S VAITHYASUBRAMANIAN	INTEGRATING INNOVATIVE TEACHING METHODS FOR DIFFERENTIAL EQUATIONS IN CONIC SECTIONS AND ANALYSIS THROUGH BAYESIAN INFERENCE
RAiSE23-975	NOUR ABD ALRAZZAK	SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL ACTIVITY STUDY FOR NEW HETEROCYCLIC COMPOUNDS
RAiSE23-976	TARIQ YASSIN MAHMOUD	SPECTROPHOTOMETRIC METHOD FOR THE DETERMINATION OF CIPROFLOXACIN IN PURE AND PHARMACEUTICAL PREPARATIONS: DEVELOPMENT AND VALIDATION

**Session Moderator: Dr Gururaj Bolar**



International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



5th October 2023

05:00 PM - 6:30 PM

Room No. 24

**Session Chairs: Dr Shiva Prasad H C**

Manipal University Jaipur, Jaipur, Rajasthan, India

**Dr Prasad Eknath Lokhande**

Facultad de Ingeniería, Universidad Tecnológica Metropolitana, Santiago

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-381	AYAD F ALKAIM	COMPARATIVE STUDY OF REMOVAL OF CATIONIC BRILLIANT GREEN DYE FROM AQUEOUS SOLUTION BY USING DIFFERENT SOURCES OF CARBON LOADING ON ZINC OXIDE NANOPARTICLES: ISOTHERM MODEL STUDIES
RAiSE23-401	KEERTHAN KRISHNA	COMPARISON OF FOOTREST VIBRATIONS IN THE CASE OF ICE BASED AND BATTERY BASED TWO-WHEELER
RAiSE23-452	MURALIDHAR N	A NUMERICAL STUDY ON COCONUT INFLORESCENCE STEM FIBER REINFORCED PANELS SUBJECTED TO TENSILE LOAD, COMPRESSIVE LOAD AND FLEXURAL LOAD.
RAiSE23-471	KIRAN KESHYAGOL	ESTIMATION OF ENERGY STORAGE CAPABILITY OF THE PARALLEL PLATE CAPACITOR USING DISTINCT DIELECTRIC MATERIALS
RAiSE23-478	S BOOBALAN	A NOVEL TECHNIQUE TO IMPROVE POWER COMPETENCE IN 4IR FOR SOLAR PLANT
RAiSE23-610	R GAYATHRIA,G	LS DYNA IMPACT MODELLING ON CFRP COMPOSITE AIRCRAFT PANEL WITH VARIOUS IMPACTORS
RAiSE23-621	ALAA A OMRAN	HIGHLY ADVANTAGE OF ZNO NANOPARTICLES PREPARED BY SONO-HYDROTHERMAL METHOD AS A GOOD PHOTOCATALYST FOR REMOVAL OF DYES
RAiSE23-651	GAYATHRI R	DESIGN OPTIMIZATION OF CENTRIFUGAL COMPRESSOR IMPELLER FOR 50,000RPM
RAiSE23-1076	SARAB B ABDULRAZAQ	NEW SPECTROPHOTOMETRIC METHOD TO ASSAY AMLODIPINE IN THE PURE FORM AND IN ITS DOSAGE FORMS
RAiSE23-1101	NITHIN KUMAR	MATERIAL VALIDATION OF ALUMINIUM CAST PRODUCT

**Session Moderator: Dr Shivaprakash YM**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



5th October 2023

05:00 PM - 6:30 PM

Room No. 25

**Session Chairs: Dr Srikanth Prabhu**

Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, India

**Dr Shahbaz Ahmed Siddiqui**

Manipal University Jaipur, Jaipur, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-220	SAMANVITHA T	"ENHANCED CERVICAL CANCER DETECTION FROM PAP SMEAR IMAGES USING DEEP LEARNING-BASED CLASSIFICATION WITH CONVOLUTIONAL NEURAL NETWORKS"
RAiSE23-222	VARSHA RAVI	COMPARATIVE EVALUATION OF THE ANTIMICROBIAL EFFICACY OF SODIUM HYPOCHLORITE, SILVER NANOPARTICLES AND ZINC NANOPARTICLES AGAINST CANDIDAL BIOFILM: AN INVITRO STUDY
RAiSE23-385	ABHISHEK GUDIPALLI	AN IOT-ENABLED SELF-STABILIZING SPOON FOR PARKINSON'S PATIENTS
RAiSE23-391	REVATHY G	INTRAOCULAR PRESSURE MONITORING SYSTEM FOR GLAUCOMA PATIENTS USING IOT AND MACHINE LEARNING
RAiSE23-417	RAVIKUMAR S	ELDERLY FALL DETECTION SYSTEM USING ERF IN MACHINE LEARNING
RAiSE23-418	PRANAVI REDDY	DIAGNOSIS OF AUTISM IN CHILDREN USING DEEP LEARNING TECHNIQUES BY ANALYZING FACIAL FEATURES
RAiSE23-485	UMA SHANKARI SRINIVASAN	AN INNOVATION ANALYSIS OF TIME SERIES BASED DETECTION MODEL FOR IMPROVED CANCER DETECTION IN MODERN HEALTHCARE ENVIRONMENT
RAiSE23-490	ALTHAF ALI A	AN ENHANCED ANALYSIS OF BLOOD CANCER PREDICTION USING ANN SENSOR BASED MODEL

**Session Moderator: Prof Maitri Manjunath**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



5th October 2023

05:00 PM - 6:30 PM

Room No. 26

**Session Chairs: Dr Oussama H Hamid**

Higher Colleges of Technology, Abu Dhabi, United Arab Emirates

**Dr Gururaj H L**

Manipal Institute of Technology Bengaluru, Manipal Academy of Higher Education, Manipal, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-344	VIPIN KUMAR CHAUDHARY	CLOUD SERVICE BROKER USING ONTOLOGY BASED SYSTEM
RAiSE23-345	ABHISHEK YADAV	DISCOUNTS BASED CLOUD RESOURCE MANAGEMENT USING CLOUD BROKER
RAiSE23-346	GAURAV KUMAR SRIVASTAV	MULTI LEVEL CLOUD DATACENTER SECURITY USING EFFICIENT HYBRID ALGORITHM
RAiSE23-347	SWEETI	PROGRESSIVE RESERVATION OF CLOUD SERVICES USING MULTI CLOUD BROKER SYSTEM
RAiSE23-358	SUNIL KUMAR VISHWAKARMA	MARKET-INSPIRED FRAMEWORK FOR SECURING IOT COMPUTING ENVIRONMENT
RAiSE23-496	T. SWARNALATHA	A NOVEL DV –HOP AND APIT LOCALIZATION ALGORITHM WITH BAT-SA ALGORITHM
RAiSE23-497	B SWAPNA	A NOVEL AND OPTIMIZED EFFICIENT TRANSMISSION USING DYNAMIC ROUTING TECHNIQUE FOR UNDERWATER ACOUSTIC SENSOR NETWORK†
RAiSE23-978	SHILPA GITE	INDIAN LEGAL CORPUS (ILC): A DATASET FOR A DATASET SUMMARIZ-ING INDIAN LEGAL PROCEEDING USING NATURAL LANGUAGE
RAiSE23-115	MORSHED DERBALI	TOWARDS SECURE DOORLOCK SYSTEM: DEVELOPMENT IOT SMART DOOR LOCK DEVICE

**Session Moderator: Dr Gajanana Anne**

International Conference  
**Recent Advances in Science and Engineering**  
**RAiSE - 2023**



5th October 2023

05:00 PM - 6:30 PM

Room No. 27

**Session Chairs:** **Dr Arunachala U Chandavar**  
Manipal Institute of Technology, Manipal, India

**Dr Manish Rawat**  
Manipal University Jaipur, Rajasthan, INDIA

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-204	MR AKHILESHWER MUNSHI	DRIVING THE ENERGY TRANSITION: LARGE-SCALE ELECTRIC VEHICLES AND RENEWABLE POWER INTEGRATION
RAiSE23-247	BHAVITH K	EFFECT OF METAL FILLER ON MECHANICAL PERFORMANCE OF EPOXY RESIN COMPOSITES
RAiSE23-298	ROHIT	SYNTHESIS AND ELECTROCHEMICAL CHARACTERIZATION OF ACTIVATED POROUS CARBON DERIVED FROM WALNUT SHELLS AS AN ELECTRODE MATERIAL FOR SYMMETRIC SUPERCAPACITOR APPLICATION
RAiSE23-303	VANSHIKA BHALOTIA	COMPARATIVE ANALYSIS OF CRYSTALLINE SILICON SOLAR CELL CHARACTERISTICS IN AN INDIVIDUAL, SERIES, AND PARALLEL CONFIGURATION AND ASSESSING THE EFFECT OF TEMPERATURE ON EFFICIENCY
RAiSE23-398	HARSHADA MHETRE	BINDER MOLECULAR WEIGHT, CONCENTRATION, AND FLOW RATE OPTIMIZATION FOR ZNO NANOFIBER SYNTHESIS FOR ELECTRONIC DEVICE APPLICATIONS
RAiSE23-973	GHAIDAA A.HAFEDH JABER HUSSIEN	STUDY OF SOME THORIUM ISOTOPES NEAR TO THE CLOSED SHELL (126-82)
RAiSE23-974	AMEERAH AB AL-SADOONI	STUDY THE LAND SURFACE TEMPERATURE (LST) IN DIFFERENT SEASONS AT BABYLON GOVERNORATE BY USING RS AND GIS TECHNIQUES
RAiSE 23 1095	BAN R SALEH	NON-LINEAR OPTICAL PROPERTIES FOR THIN FILMS OF FLUORESCIEIN ORGANIC LASER DYES DOPED WITH PVA POLYMER AND AL2O3NANOPARTICLES
RAiSE23-1078	MOUAYED YOUSIF KADHUM	STUDY OF SPECTRAL PROPERTIES AND BIOLOGICAL ACTIVITY OF BINUCLEAR MIXED METAL BRIDGED THIOCYANATE COMPLEXES CONTAINING SCHIFF BASE BASED ON ISATIN
RAiSE23-1079	ZAINAB A ABBAS	SPECTRUM INVERSION METHOD FOR FIBER MITIGATION LOSSES

**Session Moderator: Dr. Jayashree PK**

---

## Publication Partners

---



*engineering  
proceedings*



*technologies*



Journal of  
*Composites Science*



---

## Sponsors

---

