



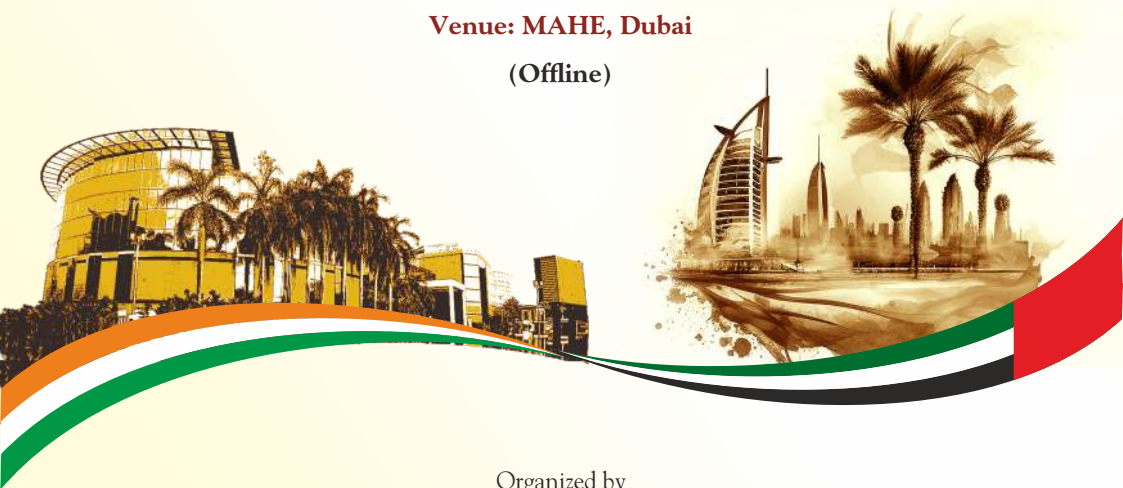
International Conference
Recent Advances in Science and Engineering
RAiSE - 2023

Presentation Schedule

4th & 5th October 2023

Venue: MAHE, Dubai

(Offline)



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



SESSION 1 | Day 1

4th October 2023

11:00 AM - 1:00 PM

Block 'B' - Dhow Room

Session Chairs: Dr YS Upadhyaya

Manipal Institute of Technology, Manipal, India

Dr Balakrishna S Maddodi

Manipal Institute of Technology, Manipal, India

Dr Shashank Khurana

Birla Institute of Technology and Science, Pilani, Dubai, UAE

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-114	SUSHRUTA S HAKKIMANE	NANOTECHNOLOGY-BASED APPROACH FOR TUBERCULOSIS: ANTIMYCOBACTERIAL COMPOUNDS FROM MARINE AND TERRESTRIAL SOURCES
RAiSE23-177	SHIVA KUMAR	COMPARATIVE PERFORMANCE AND ENERGY ANALYSIS OF THE VARIOUS CONFIGURATION ORGANIC PACKING'S USED IN EVAPORATIVE COOLING
RAiSE23-178	P DINESHA	THERMAL ENERGY STORAGE PERFORMANCE OF PCM AUGMENTED WITH ALUMINA NANO PARTICLES
RAiSE23-187	RAJENDRA UPPAR	COMPARATIVE EVALUATION OF LUBRICANT PROPERTIES OF JATROPHA AND JOJOBA METHYL ESTER
RAiSE23-515	PREMCHAND KUMAR MAHTO	PARAMETRIC OPTIMIZATION OF SOLAR AIR HEATER HAVING HEMISPHERICAL PROTRUSIONS ROUGHNESS IN V-NOTCH PATTERN ON ABSORBER PLATE: A META-HEURISTICS OPTIMIZATION APPROACH
RAiSE23-601	PRASAD PRABHU SAVANUR	DEVELOPMENT OF GAS DYNAMIC NOZZLES: A PRELIMINARY COMPUTATIONAL STUDY
RAiSE23-645	GEORGE VARGHESE	PERFORMANCE CHARACTERISTICS OF A SINGLE CYLINDER DI DIESEL ENGINE WITH INTAKE AIR OXYGEN ENRICHMENT

Session Moderator: Mr Puneethraj HP

International Conference
Recent Advances in Science and Engineering
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SESSION 1 | Day 1

4th October 2023

11:00 AM - 1:00 PM

Block 'B' - 304/Falcon

Session Chairs: **Dr Satyashankara Sharma**
Manipal Institute of Technology, Manipal, India

Dr Anand Pandey
Manipal University Jaipur, Jaipur, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-133	MADHUKUMAR R	INFLUENCE OF IONIZING RADIATION ON BIO-SYNTHESIS OF NOBLE METAL SF-AGNPS: THEIR APPLICATIONS
RAiSE23-173	NAGARAJA K. K.	INVESTIGATION OF ELASTIC PROPERTIES OF SC DOPED ALN: A FIRST PRINCIPLES AND EXPERIMENTAL APPROACH
RAiSE23-186	NITHESH NAIK	BIODEGRADABILITY OF MUSA ACUMINATA (BANANA) FIBER-REINFORCED BIO-BASED EPOXY COMPOSITES: THE INFLUENCE OF MMT CLAY
RAiSE23-223	B V RAJENDRA	EFFECT OF LANTHANUM DOPING ON THE STRUCTURAL, MORPHOLOGY, AND OPTICAL PROPERTIES OF SPRAY-COATED ZNO THIN FILMS
RAiSE23-279	MITHILESH K. DIKSHIT	OPTICAL INVESTIGATION OF H-BNNS/GRAPHENE-REINFORCED POLYURETHANE NANOCOMPOSITES
RAiSE23-294	PARAMVEER SINGH	STRENGTH AND DURABILITY PROPERTIES OF GEOPOLYMER MORTAR MADE WITH CONCRETE WASTE POWDER
RAiSE23-518	PAVAN HIREMATH	INVESTIGATING THE IMPACT OF CARBON NANOTUBE REINFORCEMENT ON WEAR PERFORMANCE OF BIO-BASED EPOXY COMPOSITES: A TAGUCHI EXPERIMENTAL APPROACH

Session Moderator: Dr Gurumurthy BM

International Conference
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SESSION 1 | Day 1

4th October 2023

11:00 AM - 1:00 PM

Block 'B' - 305

Session Chairs: **Dr Princy Randhawa**
Manipal University Jaipur, Jaipur, India

Dr SN Prasad
Manipal Institute of Technology, Bengaluru, India

Dr SN Mohanty
Vellore Institute of Technology, Vellore, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-103	DASHARATHRAJ K SHETTY	UNLOCKING THE POTENTIAL OF ARTIFICIAL INTELLIGENCE POWERED NON INVASIVE URINE ANALYSIS FOR DISEASE DIAGNOSIS AND TREATMENT
RAiSE23-104	MANU SUDHI	REVOLUTIONIZING BLADDER CANCER CARE IN CLINICAL UROLOGY: HOW AI IS CHANGING THE GAME
RAiSE23-122	SANDIPAN MUKHERJEE	THERMOGRAPHIC EVALUATION OF DENTAL IMPLANTS INSERTION WITH 2 DIFFERENT DIAMETERS AND BONE QUALITY ON THE PRIMARY STABILITY: A 3D FINITE ELEMENT STUDY
RAiSE23-123	NITESH KUMAR	APPLICATION OF BIG DATA IN RISK PREDICTION AND SIMULATION IN THE TREATMENT OF EMERGENCY CARDIOVASCULAR TREATMENTS
RAiSE23-212	ALI TALYSHINSKII	NEW PORTABLE VIRTUAL SIMULATOR OF RETROGRADE INTRARENAL SURGERY: DEVELOPMENT AND FIRST VALIDATION
RAiSE23-352	KOMAL SMRITI	BIOMECHANICAL ANALYSIS OF OSTEOFIXATION SYSTEM WITH DIFFERENT FIXATION DESIGNS FOR MANDIBULAR ANGLE FRACTURE USING A FINITE ELEMENT METHOD
RAiSE23-613	MINAKSHI ROY	RESOLUTION ENHANCEMENT OF BRAIN MRI IMAGES USING DEEP LEARNING
RAiSE23-1091	PALLAVI R MANE	CLASSIFICATION OF KNEE X-RAY IMAGES AND SEVERITY GRADING OF KNEE OSTEO-ARTHRITIS

Session Moderator: Dr Muralishwara K

International Conference
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SESSION 1 | Day 1

4th October 2023

11:00 AM - 1:00 PM

Block 'B' - 404

Session Chairs: Dr Sunitha Prabhuram

School of Business,
Maniapl Academy of Higher Education, Dubai, UAE

Dr Noor Ulain Rizvi

School of Business, Curtin Universtiy, Dubai, UAE

Dr Nikhil Kumar Marriwala

University Institute of Engineering and Technology
Kurukshetra University, Haryana, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-121	SHIKHAR JAITLEY	MILLENNIALS' INTENTION TO VISIT GREEN HOTELS IN INDIA A PRELIMINARY ANALYSIS USING THEORY OF PLANNED BEHAVIOR
RAiSE23-179	DALIP SINGH	A REVIEW PAPER ON PRODUCT SERVICE SYSTEMS IN AUTOMOBILE INDUSTRY
RAiSE23-188	PRADEEP KUMAR SHETTY	HEURISTIC EXPLORATION OF VITAL PARAMETERS FOR CASH TRANSACTIONS THROUGH MOBILE IN THE COASTAL HINTERLAND OF INDIA
RAiSE23-235	VIDYA PATWARDHAN	THE FACTOR ANALYTIC STUDY OF THE PERCEIVED INFLUENCE OF SOCIAL MEDIA ON THE FOOD CONSUMPTION BEHAVIOR OF YOUNG ADULTS
RAiSE23-405	KARAN ASHOK JALWANI	MODELING OF BARRIERS TO THE ADOPTION OF AUTONOMOUS VEHICLES: DEMATEL METHOD
RAiSE23-625	DILIP KUMAR	MAPPING SUSTAINABLE CITIES AND COMMUNITIES (SDG 11) RESEARCH A BIBLIOMETRIC REVIEW
RAiSE23-1072	BHARTI	MODERN COMMUNICATION METHODS IN HIGHER EDUCATION: A POST-COVID-19 ANALYSIS
RAiSE23-1077	ABHISHIKA SHARMA	UNLEASHING THE POTENTIAL OF TECHNOLOGY-DRIVEN LEARNING MANAGEMENT SYSTEMS FOR STUDENT-CENTRIC EXCELLENCE TO EMPOWER HIGHER EDUCATION

Session Moderator: Dr Jayalxmi Rajesh Hanni

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SESSION 1 | Day 1

4th October 2023

11:00 AM - 1:00 PM

Block 'B' - 405

Session Chairs: Dr Nishant Pandya

Birla Institute of Technology and Science, Pilani, Dubai, UAE

Dr Vishwanath Managuli

Manipal Institute of Technology, Manipal, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-109	AKSHATHA N	FABRICATION OF ANTIMICROBIAL FABRICS EMBODIED WITH BOOSTED ANTIMICROBIAL ACTIVITY OF VEGETABLE OIL
RAiSE23-110	MANOHARA DHULAPPA JALAGERI	FUNCTIONALIZED WATER-SOLUBLE EPICHLOROHYDRIN-BASED ANTIMICROBIAL POLYMERS
RAiSE23-149	VISHNU AGARWAL	IDENTIFICATION OF MOLECULES AGAINST LASR OF PSEUDOMONAS AERU-GINOSA USING IN SILICO APPROACH
RAiSE23-341	GEETIKA PORWAL	MILK ADULTERATION USING SPECTROSCOPY AND MACHINE LEARNING: A REVIEW
RAiSE23-1070	POOJA SOMADAS	CHARACTERIZATION AND HAZARD EVALUATION OF BIOMEDICAL WASTE BOTTOM ASH GENERATED DURING COVID-19 PANDEMIC
RAiSE23-1071	YASHODA MALGAR PUTTAIAH GOWDA	VERSATILE PVC-DDM POLYMER: A DUAL-ACTION DEFENSE AGAINST GRAM-POSITIVE AND GRAM-NEGATIVE BACTERIA
RAiSE23-1080	RAGHAVENDRA K HOLLA B	SELECTING A SUITABLE FLAT IN A HIGH-RISE APARTMENT BY EVALUATION OF HEAT, LIGHT, AND VENTILATION
RAiSE23-1081	SOWMYA R HOLLA	MULTIWALLED CARBON NANOTUBE/POLYANILINE SUPERCAPACITORS: IMPACT OF BENTONITE CLAY LIQUID CRYSTALS

Session Moderator: Mr Sowrabh BS

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SESSION 2 | Day 1

4th October 2023

2:00 PM - 4:00 PM

Block 'B' - Dhow Room

Session Chairs: Dr Vishnu Agarwal

Motilal Nehru National Institute of Technology, Allahabad, India.

Dr Rajendra BV

Manipal Institute of Technology, Manipal, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-275	SOWRABH B S	PROTRACTED SINTERING EFFECT ON MICROSTRUCTURE, HARDNESS AND STRENGTH OF AL-FLY ASH COMPO-CAST
RAiSE23-288	PUNEETHRAJ H P	EFFECT OF FABRICATION METHODS ON STRUCTURAL PROPERTIES OF ALKALINE TREATED COIR FIBER REINFORCED EPOXY COMPOSITES
RAiSE23-308	UPENDRA KULSHRESTHA	ADVANCES IN INORGANIC NANO-FILLER ENABLED RUBBER NANOCOMPOSITES
RAiSE23-410	MURALISHWARA K	EFFECT OF ARTIFICIAL SEAWATER ABSORPTION ON MECHANICAL AND FLEXURAL PROPERTIES OF PINEAPPLE LEAF FIBER REINFORCED EPOXY NANOCLAY COMPOSITES
RAiSE23-448	VIPIN TANDON	IMPACT OF FILLER ELECTRODES ON WELDING PROPERTIES OF DISSIMILAR WELDED 316L/201 AUSTENITIC STAINLESS STEELS
RAiSE23-453	SATHYASHANKARA SHARMA	SYNERGISTIC EFFECTS OF COLD ROLLING AND AGE HARDENING ON THE HARDNESS AND TENSILE CHARACTERISTICS OF AA6061 HYBRID COMPOSITES
RAiSE23-493	DHRUVA KUMAR	STUDY OF DIFFERENT PROPERTIES OF GRAPHENE OXIDE (GO) AND REDUCED GRAPHENE OXIDE (rGO): A REVIEW
RAiSE23-901	SUHAS KOWSHIK	COMPARATIVE MECHANICS OF POST-CURED AND NON-POST-CURED EGGSHELL GFRP COMPOSITES

Session Moderator: Dr Sampath Salins

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SESSION 2 | Day 1

4th October 2023

02:00 PM - 04:00 PM

Block 'B' - 304/Falcon

Session Chairs: Dr Rajeev Selvam

School of Engineering & IT, Manipal Academy of Higher Education, Dubai, UAE

Dr Muralidhar N

Malnad College of Engineering, Hassan, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-111	RITESH BHAT	TAGUCHI-GREY STUDY: EN8 STEEL MACHINING PERFORMANCE UNDER DIFFERENT COOLANT FLOWS
RAiSE23-126	ANAND PANDEY	SCANNING ELECTRON MICROSCOPY ANALYSIS AFTER ELECTRICAL DISCHARGE MACHINING OF ADVANCED NI-BASED ALLOY
RAiSE23-137	VIJAY TAMBRALLIMATH	REVIEW OF DEVELOPMENT AND CHARACTERIZATION OF SHAPE MEMORY POLYMER COMPOSITES FABRICATED BY ADDITIVE MANUFACTURING TECHNOLOGY
RAiSE23-232	SUSHIL KUMAR JAIN	INFLUENCE OF MWCNT IN SULPHUR/ CNT COMPOSITES SYNTHESIZED USING SOLUTION CASTING METHOD
RAiSE23-234	GURUMURTHY BM	SUSTAINABLE MANUFACTURING SCENARIO – A REVIEW
RAiSE23-289	PARTHA PROTIM DAS	A HYBRID MCDM-GREY WOLF OPTIMIZER APPROACH FOR MULTI-OBJECTIVE PARAMETRIC OPTIMIZATION OF MICRO-EDM PROCESS
RAiSE23-516	VISHWANATH MANAGULI	INVESTIGATION OF MACHINING PARAMETERS AND SURFACE QUALITY OF AZ-31 MAGNESIUM ALLOY SUBJECTED TO SPARK MACHINING

Session Moderator: Dr Sachidananda HK

International Conference
Recent Advances in Science and Engineering
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SESSION 2 | Day 1

4th October 2023

2:00 PM - 04:00 PM

Block 'B' - 305

Session Chairs: Dr Vinod Kumar Shukla

School of Engineering Architecture Interior Design,
Amity University Dubai, UAE

Dr Dasharathraj Shetty

Manipal Institute of Technology, Manipal, India

Dr Deepmala Sharma

National Institute of Technology Raipur, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-107	PRINCY RANDHAWA	AN NLP MODEL FOR PREDICTING FIVE-STAR RATINGS OF VIDEO GAMES ON SHORT-TEXT REVIEWS
RAiSE23-344	VIPIN KUMAR CHAUDHARY	EFFECT OF FABRICATION METHODS ON STRUCTURAL PROPERTIES OF ALKALINE TREATED COIR FIBER REINFORCED EPOXY COMPOSITES
RAiSE23-630	PRIYA GUPTA	COMBINING FORTH AND RUST: A ROBUST AND EFFICIENT APPROACH FOR LOW-LEVEL SYSTEM PROGRAMMING
RAiSE23-1030	BIJOYETA ROY	EXPERIMENTAL ANALYSIS OF FEATURE-BASED IMAGE REGISTRATION METHODS IN COMBINATION WITH DIFFERENT OUTLIER REJECTION ALGORITHMS FOR HISTOPATHOLOGICAL IMAGES
RAiSE23-1032	KAMLESH KUMAWAT	RELEVANCE OF AUTOMATIC NUMBER PLATE RECOGNITION SYSTEM IN VEHICLE THEFT DETECTION

Session Moderator: Mr George Varghese

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Recent Advances in Science and Engineering
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SESSION 2 | Day 1

4th October 2023

02:00 PM - 04:00 PM

Block 'B' - 404

Session Chairs: Dr Harpreet Singh Bedi

Birla Institute of Technology and Science, Pilani, Dubai, UAE

Dr Shivakumar

Manipal Institute of Technology, Manipal, India

Dr Dinesha P

Manipal Institute of Technology, Manipal, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-102	BALAKRISHNA S. MADDODI	STRUCTURAL ANALYSIS OF L-SECTION FOR UNCERTAINTIES IN PERFORMANCE AND STRENGTH USING SIMULATION TOOL WITH EXPERIMENTAL OUTCOMES
RAiSE23-190	SIDDAPPA I BEKINAL	DYNAMIC ANALYSIS OF 650 W VERTICAL AXIS WIND TURBINE ROTOR SYSTEM SUPPORTED BY RADIAL PERMANENT MAGNET BEARINGS
RAiSE23-415	SUSANTA BANERJEE	EFFECT OF MESH-TYPE STRENGTHENING SYSTEMS ON SEISMIC BEHAVIOUR OF MASONRY STRUCTURES
RAiSE23-439	RUDRAKSHA KELKAR	BOND GRAPH MODELING AND SIMULATION OF HYBRID PIEZO-HYDRAULIC ACTUATOR
RAiSE23-508	Y. S. UPADHYAYA	INVESTIGATION OF PLANE STRAIN FRACTURE TOUGHNESS AND FAILURE ANALYSIS OF AISI-4140 ALLOY STEEL

Session Moderator: Dr Nagaraja K K

International Conference
Recent Advances in Science and Engineering
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SESSION 1 | Day 2

5th October 2023

09:30 AM - 11:30 AM

Block 'B' - Dhow Room

Session Chairs: **Dr Subha A/P Bhassu**
Faculty of Science, Universiti Malaya, Malaysia

Dr Yashoda
Manipal Institute of Technology, Manipal, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-267	SRIKANTAMURTHY NINGAIAH	NOVEL CLASS OF BENZIMIDAZOLES; SYNTHESIS, CHARACTERIZATION, AND PHARMACEUTICAL EVALUATION
RAiSE23-268	NAGARAKERE S LINGEGOWDA	SYNTHESIS OF FUSED ISOXAZOLE: A COMPREHENSIVE REVIEW
RAiSE23-273	K BALAKRISHNA	TREATING PHARMACEUTICALS AND PERSONAL CARE PRODUCTS IN THE WASTEWATER USING GAMMA IRRADIATION
RAiSE23-283	DILEEP C S	THE THIADIAZOLE RING (THD) IS A BUILDING BLOCK FOR POTENTIAL INHIBITORS OF THE SARS-COV-2 MAIN PROTEASE (MPRO): THEORETICAL LOOK INTO THE STRUCTURE, REACTIVITY, AND BINDING PROFILE OF THREE 1,3,4-THD DERIVATIVES TOWARDS MPRO
RAiSE23-447	RASHMI S	CHROMATOGRAPHIC APPROACHES FOR THE ISOLATION AND DETECTION OF A NEW ANTIFUNGAL PHENOLIC COMPOUND FROM LICHEN HETERODERMIA LEUCOMELOS (L.) POELT
RAiSE23-507	SHAHIN FARUK	ELECTROCHEMICAL SENSING OF NITRITES FROM EFFLUENT WATER USING 2D CATALYTIC MATERIALS

Session Moderator: Mr Nithesh Naik

International Conference
Recent Advances in Science and Engineering
RAiSE - 2023



SESSION 1 | Day 2

5th October 2023

09:30 AM - 11:30 AM

Block 'B' - 304/Falcon

Session Chairs: **Dr Siddappa I Bekinal**
Manipal Institute of Technology, Manipal, India
Dr Sathyashankara Sharma
Manipal Institute of Technology, Manipal, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-276	NITHYANANDA B S	OPTIMIZATION OF PERFORMANCE AND EMISSION RESPONSES OF CRDI ENGINE BY TAGUCHI-GREY RELATIONAL ANALYSIS TECHNIQUE
RAiSE23-291	VINAY K B	THE EFFECT OF PROCESS PARAMETERS ON QUALITY CHARACTERISTICS IN THE DRILLING OF AL-MMCS
RAiSE23-317	RANJITH K	EXPERIMENTAL AND NUMERICAL INVESTIGATION ON DAMAGE RESISTANCE CHARACTERISTICS OF WOVEN E-GLASS/EPOXY COMPOSITE LAMINATES SUBJECTED TO DROP-WEIGHT IMPACT
RAiSE23-319	RANJITH K	A COMPUTATIONAL FLUID DYNAMICS STUDY ON CHARACTERISTICS OF FLOW SEPARATION IN FLOW RATE MEASUREMENT USING MULTI-HOLE PLATES
RAiSE23-411	NAGENDRA H N	DEVELOPMENT AND EXPERIMENTAL STUDIES ON FLEXIBLE TRANSFER LINES FOR LIQUID HELIUM APPLICATION
RAiSE23-414	LALIMA BANERJEE	DEFORMATIONS OF GEOCELL REINFORCED TRACKS USING FEM
RAiSE23-425	ARUNKUMAR YADAV	A COMPARATIVE STUDY OF COPPER SLAG AND QUARTZ FOR THE PARTIAL REPLACEMENT OF FINE AGGREGATE IN CEMENT MORTAR

Session Moderator: Dr Pavan Hiremath

International Conference
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SESSION 1 | Day 2

5th October 2023

09:30 AM - 11:30 AM

Block 'B' - 305

Session Chairs: Dr Pallavi Mane
Manipal Institute of Technology, Manipal, India

Dr Priya Gupta
Jawaharlal Nehru University, New Delhi, India

Dr Vinod Kumar Shukla
School of Engineering Architecture Interior Design,
Amity University Dubai, UAE

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-412	JAYALAXMI RAJESH HANNI	ANALYSIS AND MODELING OF 581 KWP GRID-INTEGRATED SOLAR PHOTOVOLTAIC POWER PLANT OF ACADEMIC INSTITUTION USING PVSYS
RAiSE23-467	T GOPALAKRISHNAN	COMPARATIVE ANALYSIS OF FINE-TUNING 3D AND SLOW-FAST NETWORKS FOR ACTION RECOGNITION IN SURVEILLANCE VIDEOS
RAiSE23-511	NIKHIL KUMAR MARRIWALA	AN ANALYTICAL MODEL FOR DYNAMIC SPECTRUM SENSING IN COGNITIVE RADIO NETWORKS USING BLOCKCHAIN MANAGEMENT
RAiSE23-641	SHIVA DARSHAN SL	TOWARDS COMPREHENSIVE HOME AUTOMATION: LEVERAGING IOT, NODE-RED, AND WIRELESS SENSOR NETWORKS FOR ENHANCED CONTROL AND CONNECTIVITY
RAiSE23-1075	SRINIDHI N N	AN AUTONOMOUS ROBOTIC VEHICLE(ARV) WITH INTEGRATED MANIPULATION: ARDUINO-BASED CONTROL APPROACH

Session Moderator: Dr Sampath Salins

International Conference
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SESSION 1 | Day 2

5th October 2023

09:30 AM - 11:30 AM

Block 'B' - 404

Session Chairs: **Dr Ali Talyshinskii**
Astana Medical University, Astana, Kazakhstan

Dr Komal Smriti
Manipal College of Dental Sciences, Manipal, India

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-194	KAVYA B S	BLOCKCHAIN-ENABLED DETECTION OF NEUROLOGICAL DISORDERS USING A DEEP LEARNING APPROACH
RAiSE23-211	S N PRASAD	A COMPARATIVE ANALYSIS OF VARIOUS DEEP LEARNING METHODS IN LUNG CANCER DETECTION
RAiSE23-333	SHERIL SOPHIA DCOUTO	MULTI-MODAL DEEP LEARNING IN EARLY AUTISM DETECTION – RECENT ADVANCES AND CHALLENGES
RAiSE23-404	H SRIKANTH KAMATH	A REVIEW OF RECENT DEVELOPMENTS IN 6G COMMUNICATION SYSTEMS
RAiSE23-961	RAM AVTAR	A GRAY WOLF OPTIMIZATION-BASED FRAMEWORK FOR EMOTION RECOGNITION ON EEG DATA

Session Moderator: Mr Suhas Kowshik

International Conference
Recent Advances in Science and Engineering
RAiSE - 2023



SESSION 1 | Day 2

5th October 2023

09:30 AM - 11:30 AM

Block 'B' - 405

Session Chairs: Dr Somasundaram Arumugam

Birla Institute of Technology and Science, Pilani, Dubai, UAE

Dr Swapna S Nair

Amity University Dubai, UAE

RAiSE - ID	PRESENTER NAME	PAPER TITLE
RAiSE23-197	DEEPMALA SHARMA	KEY GENERATION IN CRYPTOGRAPHY USING ECC AND GENETIC ALGORITHM
RAiSE23-290	RAVINDRANATHA	EXPLORING FLEXURAL STRENGTH IN HIGH-PERFORMANCE CONCRETE WITH IRON SLAG AND COPPER SLAG AS SAND SUBSTITUTES
RAiSE23-406	RAJASHEKHAR CHOUDHARI	MULTIPLE EFFECTS ON MHD PERISTALTIC TRANSPORT OF NON-NEWTONIAN EYRING POWELL WITH AN INCLINED NON-UNIFORM CHANNEL
RAiSE23-408	PRASANNA POOJARY	RATIONAL WIENER INDEX AND RATIONAL SCHULTZ INDEX OF GRAPHS
RAiSE23-441	JYOTI SHETTY	GAMES ARE 5, 7, 3, 2, AND 1ST LETTERS OF SEMIGRAPH
RAiSE23-1031	SATHISH KANNAN	ASSESSING THE FRICTION AND WEAR BEHAVIOR OF AZ91 BASED HYBRID COMPOSITES REINFORCED WITH NANO HBN/MICRON TiB2 CERAMIC PARTICLES USING WASPAS AND ARAS TECHNIQUES
RAiSE23-1099	RAJIV SELVAM	MACHINE LEARNING BASED WELD CLASSIFICATION FOR QUALITY MONITORING

Session Moderator: Dr Sachidananda HK

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