

Day 1 Technical Session 01 (Online)

Coordinator: Dr. Sushil Kumar

Session Chair: Dr. Pankaj Sharma

Google Meet link: <https://meet.google.com/ski>

Sr. No.	Name of the Participants	Title of the Paper	Paper ID
1	Dr. Manish Kumar Pandey	Exploring Fuzzy Graph Theory: Applications in Vertex Coloring Problems	ICRTMS_046
2	Ms. Dolly Jain	CHARACTERIZATIONS OF DUAL OF K - FRAMES IN QUATERNIONIC HILBERT SPACES	ICRTMS_047
3	Mr. Mohammad Noman Ali	Totally projective QTAG-modules and generalizations	ICRTMS_149
4	Ms. Ritu Rani	Cyclic Codes of length $11p^s$ over finite field F_{p^m}	ICRTMS_020
5	Dr. S. Parvathi	A STUDY ON QUASI-REGULARITY AND INTERSECTIONS WITH IDEALS IN JACOBSON RADICAL RINGS	ICRTMS_145
6	Dr. Rakesh Kumar Singh	The Unified Polynomial Set $Q_n(\alpha, \beta, \gamma, \delta, \epsilon, \zeta, \eta, \theta, \iota, \kappa, \lambda, \mu, \nu, \xi, \pi, \rho, \sigma, \tau, \upsilon, \phi, \chi, \psi, \omega, \varphi, \theta, \iota, \kappa, \lambda, \mu, \nu, \xi, \pi, \rho, \sigma, \tau, \upsilon, \phi, \chi, \psi, \omega, \varphi)$	ICRTMS_147
7	Ms. Shweta Lather	Some Integral Transforms Involving Generalized Matrix Mittag-Leffler Function	ICRTMS_018
8	Ms. Kshma Yadav	ON THE STRUCTURE OF UNIT GROUP OF SOME FINITE GROUP ALGEBRA AND THEIR NORMAL COMPLEMENT	ICRTMS_129
09	Dr. Prem Kumar M	On Bipolar η -Q Fuzzy Subring, Normal Subring and Ideal	ICRTMS_199
10	Anantha Babu A	Clifford Group-Based Design of Unitary Operators	ICRTMS_027
11	Mr. Vineet Rana	A Review of Machine Learning Techniques for IoT-Based Real-Time E-Waste Monitoring and Its Environmental Impact	ICRTMS_155
12	Ms. Shruti Kaushik	A Comprehensive Study of Vertex Coloring in Graph Theory: Methods, Applications, and Chromatic Polynomials	ICRTMS_185
13	Ms. Lalrutkimi	A Fourth – Order Iterative Method with Weight Function for Efficiently Solving NonLinear Equations	ICRTMS_087, ICRTMS_230

Day 1 Technical Session 02 (Online)**Coordinator:**Dr. Ajit Kumar**Session Chair:** Dr. Pushap Lata Sharma**Google Meet link:** <https://meet.google.com/dpb>

Sr. No.	Name of the Participants	Title of the Paper	Paper ID
1	Mr. Abhishek Thakur	THE BEHAVIOUR OF VIBRATION IN A NON-HOMOGENEOUS ORTHOTROPIC RECTANGULAR PLATE WITH ALINEARLY VARYING TEMPERATURE AND CIRCULARLY VARING THICKNESS IN TWO DIMENSIONS	ICRTMS_012
2	Mr. Rahul Purakayastha	Design and Implementation of Gesture Recognition System Using Raspberry Pi	ICRTMS_035
3	Ms. Roopmeet Kaur, Hardik Dhiman	Design and Implementation of PID Control System for Beam Balancing using BLDC Motors	ICRTMS_032
4	Ms. Neha Kumari	Fractional-Order Analysis of the Tumor Growth Model with Chemotherapy and Immune System Enhancement	ICRTMS_093
5	Ms. Shilpa Thakur	Fractional optimal analysis and Non-linear dynamics of two strain COVID-19 model	ICRTMS_110
6	Sujata	Transmission dynamics and optimal control analysis of fractional order model of dengue disease	ICRTMS_056
7	Ms. Rozy Kumari	Analysis of a non-linear fractional-order epidemiological modeling of monkeypox virus transmission and control	ICRTMS_057
8	Ms. Neha Kumari	A Fractional-Order Model for Zika Virus Transmission with integrated Vaccination and Treatment Strategies	ICRTMS_060
9	Mr. CHEVURI NAGA RAJU	Mathematical Modeling of HIV/AIDS Progression: A Comprehensive Analysis of Disease Dynamics and Treatment Outcomes.	ICRTMS_073
10	Mr. Ashish	"Utilization of the Iman Transform Approach for Solving Health Models"	ICRTMS_045
11	Dr. Chander Shekhar	A STUDY OF SUM AND STABILITY OF HILBERT SCHIMDT FRAMES FOR OPERATORS	ICRTMS_065
12	Mr. Siddhant Pathak	A novel numerical approach for solving fractional order variational problems with time delay	ICRTMS_139
13	Dr. Swati Singh	Strawberry Leaf Disease Classification using Convolutional Neural Network with Channel and Spatial Attention Mechanism	ICRTMS_037
14	Nayna M. Tade	Exploration of relativistic hydrodynamic cosmological models in modified theories of gravity	ICRTMS_207
15	Mr. JyotiranjanaNayak	Topology Optimization For Mechanical Objects using SIMP with P2-elements	ICRTMS_106

Day 1 Technical Session 03 (Online)

Coordinator: Dr. Kritika

Session Chair: Dr. Anurag Shukla

Google Meet link: <https://meet.google.com/jui>

Sr. No.	Name of the Participants	Title of the Paper	Paper ID
1	Dr. Shrutika	Optimizing Epidemic Spread Modeling with the Upadhyaya Transform and AI Techniques	ICRTMS_059
2	Mridul	Trends and Insights in Quantum Machine Learning for IoT: A Scientometric Analysis	ICRTMS_136
3	Mr. Sivalingam S M	An extreme learning machines based novel computation technique for generalized-Caputo fractal-fractional differential equations	ICRTMS_142
4	Dr. Kumari Shalini	Stability of libration points in R3BP under the effect of heterogeneous spheroid with N layers	ICRTMS_182
5	Ms. Preeti	Steady State Analysis of Priority based Complex Feedback Queue Network Model having Bi-tandem Servers and at most one time revisiting facility under Stochastic conditions	ICRTMS_132
6	Ms. Sakshi	"IMPACT OF RADIAL VISCOSITY VARIATION ON BLOOD FLOW IN AN ARTERY WITH TIME-DEPENDENT STENOSIS"	ICRTMS_150
7	Ms. Alka Santosh	Analytical Approach for Solving the Time-Fractional Fornberg-Whitham Equations via Sumudu Transform	ICRTMS_031
8	Mr. Mohammad Trique	Wavelet Packet-Based Noise Suppression in Phonocardiogram Signals	ICRTMS_171
9	Ms. Sucheta Yadav	Stability and Fixed Point Results of Multivalued Generalized Nonexpansive Mappings in Banach Spaces	ICRTMS_092
10	Ms. SAILAJA SANKAR KANUNGO	Optimizing Staffing Costs in Software Development Using Linear Programming	ICRTMS_158
11	Ms. Versha Verma	The spectra of tennis racket graphs	ICRTMS_210
12	Ms. Savita Nanda	Boundedness of Fractional Differential Equations	ICRTMS_063
13	Dr. Alok Bhargava	On the Solution of Fractional Chaotic Attractor System with Different Fractional Operators	ICRTMS_034
14	Ankit Rana	Free Vibrations of Annular Plates Submerged in Fluids.	ICRTMS_066

Day 1 Technical Session 04 (Online)

Coordinator: Dr. Arun Chauhan

Session Chair: Dr. M. S. Barak

Google Meet link: <https://meet.google.com/aiy>

Sr. No.	Name of the Participants	Title of the Paper	Paper ID
1	Mr. Hirdeyjit Singh	A Scientometric Analysis for Stabilizer Codes in Quantum Error Correction	ICRTMS_198
2	Ms. Ruchi Narang	Enhanced Text Encryption Scheme using ECC and Peano Curves	ICRTMS_248
3	Ms. Shivani Sharma	Investigation of Thermal Instability in Non-Newtonian Nano fluids: Stationary and Oscillatory Behaviour Under Different Boundary Constraints	ICRTMS_179
4	Mr. Ravinder Singh	Can Pre-Trained Language Models Perform Without Fine-Tuning? A Study on Bilingual NLP Tasks	ICRTMS_148
5	Dr. S. Suneetha	IMPACT OF AN IRREVERSIBILITY ANALYSIS ON THE FLOW OF REE-EYRING HYBRID NANOFLUID WITH THOMPSON-TROIAN BOUNDARY CONDITIONS	ICRTMS_003, ICRTMS_024, ICRTMS_151
6	Mr. Belay Fikadu Gerba	Frequency-Dependent Behavior of Nonlocal Thermoelastic-Diffusive Solids Under Normal Sources	ICRTMS_101
7	Mr. Shivang Thapa	A comprehensive note on mathematical approach for digital image transformation	ICRTMS_200
8	Mr. Khushaboo Maurya	Optimization of EPQ Model with Price-Sensitive Stochastic Demand using Machine Learning Algorithm and Rework Consideration	ICRTMS_040
9	Ms. Ankita Patel	Environmental consciousness and quality improvement in green supply chains under sales efforts using a game-theoretical approach	ICRTMS_42
10	Shivani Khushwaha	Advancing Software Reliability Growth Modeling: Incorporating Fault Severity Analysis with Multiple TEF Integration	ICRTMS_061
11	Ms. Jenolin J	Comparative Analysis of ARIMA and ANN for Temperature Forecasting in the Nilgiris	ICRTMS_229
12	Mr. Vishal Choudhary	Fractional order Mathematical Model for Analysis of Avian Influenza (H9N2) with Mitigation Strategies	ICRTMS_102
13	Dr. Subrata kr Debnath	Higher Dimensional Finite Difference Method with Discontinuity and it's Application in Earthquake Mechanism	ICRTMS_086

Day 1 Technical Session 5 (Online)

Coordinator: Ms. Dumita

Session Chair: Dr. Kiran Thakur

Google Meet link: <https://meet.google.com/vtw>

Sr. No.	Name of the Participants	Title of the Paper	Paper ID
1	Mr. Atul Saxena	Doubt Fuzzy KU Ideal In KU Algebra	ICRTMS_187
2	Ms. Nidhi Sharma	Advancements in Picture Fuzzy Information Inequalities: A divergence-based analysis.	ICRTMS_113
3	Mr. Sanjeet Kumar	Intuitionistic anti-fuzzy fields, Intuitionistic anti-fuzzy linear spaces and Intuitionistic anti-fuzzy algebras	ICRTMS_144
4	Ms. Akanksha Singh	A lattice-based cryptography-based enhanced session key exchange scheme for multimedia IoT environments	ICRTMS_007
5	Mr. Bhawesh Khatri	Gruss-type fractional integral inequality using Generalized Caputo -Fabrizio integral operator	ICRTMS_048
6	Ms. Preeti	Computational approach for fractional Advection-Diffusion equation	ICRTMS_125
7	Ms. Shivangi Tyagi	Structural Analysis of Mappings and Separation Axioms via Nano $\beta\theta$ -Open Sets	ICRTMS_177
8	Ms. Bhakti Sharma	Comparative Analysis of Model-Free Reinforcement Learning Algorithms in Dynamic and Partially Observable Grid-world Environments	ICRTMS_195
9	Ms. Babita Kumari	Effect of Memory-Dependent Derivatives on Nonlocal Thermoelastic Thin Beams with Voids	ICRTMS_052
10	Mr. Jachin Samuel S.	EDGE SIGNAL DOMINATION NUMBER OF GRAPHS	ICRTMS_228
11	Ms. Y Joanpreeth	Two-phase production inventory model for balancing carbon emission and recycling in sustainable circular economic optimization	ICRTMS_077
12	Sunil Kumar	Automated Pneumonia Detection: A Deep Learning Framework Utilizing Chest X Ray Images	ICRTMS_156
13	Dr. Himanshu Rathore	AN INVENTORY MODEL FOR DETERIORATING ITEMS WITH PRICE DEPENDENT DEMAND WITHOUT LEAD TIME AND SHORTAGES	ICRTMS_114

Day 1 Technical Session 06 (Offline)**Coordinator: Dr. Manish Pal****Session Chair: Prof. Manoranjan Singh**

Sr. No.	Name of the Participants	Title of the Paper	Paper ID
1	Mr. Balkaran	Iterative Constructions of New Classes of Irreducible and Normal Polynomials over Finite Fields	ICRTMS_193
2	Ms. Shalni	Exploring the Algebraic Structure of Rhotrix Modules	ICRTMS_164
3.	Mr. Sanjeev Kumar	SOME DERIVATIONS AND REVERSE *-DERIVATIONS ON PRIME SEMIRINGS	ICRTMS_001
4	Mr. Ashish Bamta	Projection of submodule quotient over finite ring Z_m .	ICRTMS_192
5	Mr. Rahul Chandel	Attribute-Based Partial Blind Signature Scheme	ICRTMS_190
6	Ms. Deeksha	A Comparative Study of Cryptographic Techniques for Secure Digital Image Encryption and Decryption	ICRTMS_126
7	Mr. Manpreet Singh	New Classes of Permutation Binomials and Trinomials of the form $x^r h(x^{(q+1)})$ over $F_{(q^2)}$	ICRTMS_189
8	Dr. Kritika	Image encryption based on novel chaotic map	ICRTMS_238
9	Dr. Sagar Vinayak	New Classes of Permutation Hexanomials over $F_{(3^{2m})}$	ICRTMS_225,
10	Dr. Shivam Kumar Singh	C-symmetry of Toeplitz operators on generalized derivative Hardy space $S_{(\alpha,\beta,\gamma)}^2(D)$	ICRTMS_116
11	Dr. Manish Pal	Positive linear maps and extreme eigenvalues of nonnegative matrices	ICRTMS_137
12	Mr. Nitish	Secure Image Encryption Based on a Novel 2D Chaotic Map and Four-Phase Scrambling	ICRTMS_244
13	Dr. Sushil Kumar	Necessary and sufficient conditions for permutation polynomials	ICRTMS_237

Day 1 Technical Session 07 (Offline)**Coordinator: Dr. Aarti Manglesh****Session Chair: Prof. Arvind Yadav**

Sr. No.	Name of the Participants	Title of the Paper	Paper ID
1	Mr. Vijay kumar sukariya	Significance of radial magnetic field and Hall current on magnetic nanoparticle-assisted drug delivery and therapeutics in cylindrical vessels with bioconvection effects	ICRTMS_016
2	Dr. Vijay Kumar Shukla	Study of synchronization between memristive chaotic systems	ICRTMS_235
3	Ms. Anusuiya Chakravarty	IMPACT OF AN IRREVERSIBILITY ANALYSIS ON THE FLOW OF REE-EYRING HYBRID NANOFLUID WITH THOMPSON-TROIAN BOUNDARY CONDITIONS	ICRTMS_003
4	Ms. Amisha verma	Enhancing Pharmacokinetic Modeling with the Upadhyaya Transform and Machine Learning: A Synergistic Approach	ICRTMS_122
5	Mr. Rakesh Kumar Sharma	Strain Gradient Elasticity Theory for Multiple Arbitrary Mode-III Cracks in Functionally Graded Materials	ICRTMS_004
6	Ms. Ridhi Sharma	Leveraging Information Theory for Data Mining	ICRTMS_231

Day 1 Technical Session 08 (Offline)**Coordinator: Dr. Rajeev Kumar****Session Chair: Dr. Izhaar Uddin**

Sr. No.	Name of the Participants	Title of the Paper	Paper ID
1	Dr. Sachin Sharma	Computational study of nonlinear coupled viscous Burgers equation via half-step non-polynomial spline algorithm	ICRTMS_062
3	Ms. Sonali	Study of Heat Conduction Process Inside the Nip of Soft Calender Used in Electrode Production for Li-ion Batteries	ICRTMS_029
4	Ms. Sunaina Mahant	PbMO-MFO: A Metaheuristic Approach Integrating Pareto Dominance into Moth-Flame Optimization	ICRTMS_119
5	Ms. Bhavna Mahant	Optimising Fresh Produce Supply Chains with an Effective Neutrosophic Framework: A Transportation Problem Approach	ICRTMS_038
6	Dr. Aakriti Sharma	Complex symmetric generalised weighted composition operators	ICRTMS_243
7	Mr. Tejinder Kumar	Radiating Monophasic Nano Fluid Flow through Conical Gap with Variable Viscosity using Lie Group Method	ICRTMS_181
8	Ms. Tamanna Thakur	Thermal instability in a layer of Jeffery Nano fluid under the influence of a magnetic field	ICRTMS_154
9	Mr. Jatin	Numerical Analysis of the effect of rotation and Hall current on MHD Casson Nano fluid flow passed a stretchy surface	ICRTMS_170
10	Ms. Bharat Laxmi	Chemically Reactive and Non-Linearity Williamson Nano Fluid over a Stretchy Surface under combined slip and angled magnetic field effect	ICRTMS_162

Day 2 Technical Session 09 (Online)

Coordinator: Mr. Manpreet Singh

Session Chair: Dr. Anjali Sharma

Google Meet link: <https://meet.google.com/mzu>

Sr. No.	Name of the Participants	Title of the Paper	Paper ID
1	Mr. Anil Kumar	Exploring the Confluence of Graph Energy and Structural Design: An In-Depth Review	ICRTMS_010
2	Mr. Amit Kumar	Operator radii of commuting products	ICRTMS_018
3	Mr. Juwel Hussain	On generalization of I K convergence of sequences of bi-complex numbers	ICRTMS_036
4	Dr. Santosh	EXPLORING THE FOUNDATIONS AND APPLICATIONS OF SINGULAR HOMOLOGY	ICRTMS_011
5	Mr. Vishal Raj Yadav	SOME COEFFICIENT PROBLEMS FOR A CLASS OF STARLIKE FUNCTION	ICRTMS_166
6	Ms. Meenu	On certain classes of generalized Hermite-Bernoulli and Hermite-Euler-Genocchi polynomials and their properties	ICRTMS_043
7	Mr. V.S. Akilandeswari	Doubt fuzzy KU ideal for KU algebra	ICRTMS_187
8	Ms.Sowmya Devi. E	Doubt fuzzy KU for KU algebra	ICRTMS_187
9	Ms. Aditi	Recent Applications of PCA and SVD	ICRTMS_203
10	Ms. Jyoti	Conditioning of matrices (ill conditioned matrix into well matrix)	ICRTMS_206
11	Nand Kishor Sharma	Analysis of Convective Heat Transfer in Powell Eyring Fluid Flow over a Curved Stretching Surface with the Influence of Magnetic Field and Heat Source	ICRTMS_053
12	Dr. Bijal Yeolekar	Fractional Order Model for Lumpy Skin Disease	ICRTMS_112

Day 2 Technical Session 10 (Online)

Coordinator: Mr. Sagar Vinayak

Session Chair: Prof. T. Gunasekran

Google Meet link: <https://meet.google.com/kap>

Sr. No.	Name of the Participants	Title of the Paper	Paper ID
1	Dr. Poonam Kumari Gautam	INFLUENCE OF NANOPARTICLES UNDER NATURAL CONVECTION IN FLUIDS EMBEDDED BY POROSITY	ICRTMS_013
2	Mr. Krish	Mathematical modeling for prediction of UPI companie's market shares in India	ICRTMS_080
3	Mr. Mayank Saini	Jeffrey Hybrid Nanofluid Flow with Microorganisms over a Stretching Sheet of Variable-Thickness: A Numerical Approach to Heat and Mass Transfer	ICRTMS_
4	Mr. RAJESHWAR R. ANDHALE	An investigation into the qualitative aspects of multi-fluid cosmological models using the framework of Einstein-Friedmann equations	ICRTMS_108
5	Ms. Shital Manoharrao Warbhe	An investigation into the qualitative aspects of multi-fluid cosmological models using the framework of Einstein-Friedmann equations	ICRTMS_108
6	Mr. Antaksh Prashar	Q- rung orthopair spherical information measure and its application in MCDM	ICRTMS_133
7	Mr. Mukul Giri Goswami	Agricultural Commodity Forecasting: LSTM with Genetic Algorithm - Based Hyperparameter Tuning	ICRTMS_126
8	Mr. Heera Ahirwar	In Fuzzy Menger Space, Certain FPT Using Occasionally Weakly Compatible Mapping that uses (E.A)-like Property, (E.A)-Property	ICRTMS_140
9	Mr. Ravi Kumar Meena	Optimization of Two-Warehouse Inventory Model for Non-Instantaneous Deteriorating Items with Preservation Technology and Hybrid Demand	ICRTMS_023
10	Amit K. Goyal	AN EOQ MODEL FOR DETERIORATING ITEMS WITH SELLING PRICE DEPENDENT DEMAND	ICRTMS_051

Day 2 Technical Session 11 (Online)

Coordinator: Mr. Balkaran Singh

Session Chair: Dr. Pankaj Kumar

Google Meet link: <https://meet.google.com/hzp>

Sr. No.	Name of the Participants	Title of the Paper	Paper ID
1	Dr. Gopal Priyadarshi	Haar wavelet method for hyperbolic partial differential equation with integral boundary condition	ICRTMS_138
2	Dr. Rahidas	OVERCOMING OPTIMALITY CONSTRAINTS: INNOVATIONS IN THE DUAL SIMPLEX METHOD	ICRTMS_005
3	Ms. Nancy Jain	Production Planning and Dead Stock Management Using Social Media Scraping	ICRTMS_172
4	Ms. Ishika Bansal	Production Planning and Dead Stock Management Using Social Media Scraping	ICRTMS_172
5	Mr. Amar Bahadur Thapa	To Study the Thermal Effect on Transverse Vibration of Non-Homogeneous Rectangular Plate of Parabolically Varying Thickness	ICRTMS_247
6	Mr. Sachin Gulabrao Bagul	Heart Disease Prediction Using Texture Based Feature Extraction Techniques	ICRTMS_017
7	Dr. Shweta Pathania	Free Vibrations of Annular Plates Submerged in Fluids	ICRTMS_066
8	Dr. Vijayata Pathania	Effect of Memory-Dependent Derivatives on Nonlocal Thermoelastic Thin Beams with Voids	ICRTMS_052
9	Mr. Anirudhra Pratap Singh	Numerical Solution of Non- Linear Partial Differential Equation - Flow in square Cavity	ICRTMS_204, ICRTMS_223
10	Mr. Sourav Saini	A Review on the Synchronization of Chaotic Systems: Case Study on the Lorenz System	ICRTMS_211
11	Ms. Urvashi	Computational Analysis of Vibrational Behaviour of Visco elastic Trapezoidal Plates under Mixed Boundary Constraints	ICRTMS_245

Day 2 Technical Session 12 (Online)

Coordinator: Dr. Sushil Kumar

Session Chair: Dr. Aarti Manglesh

Google Meet link: <https://meet.google.com/hcw>

Sr. No.	Name of the Participants	Title of the Paper	Paper ID
1	Ms. Ish preet Kaur	A Petri Net Model of a Hospital OPD	ICRTMS_173
2	Mr. Ramkishan	Application and real life scenario of Mathematics in Derivatives, Integration, and Differential Equations	ICRTMS_069
3	Ms. Sonakshi Singhal	An inventory model for deteriorating items that takes into account price and time-dependent demand and shortages while accounting for inflation	ICRTMS_218
4	Ms. Deepika Khurana	Neural Network Algorithm for Solving Symmetric Traveling Salesman Problem	ICRTMS_134
5	Dr. Rupali	Clairaut Anti-invariant Riemannian Maps from Nearly Kaehler Manifolds	ICRTMS_141
7	Mr. Vishal Thakur	Attention-Guided Hybrid Deep Learning Architecture for Apple Foliar Disease Classification in Complex Field Conditions	ICRTMS_167, ICRTMS_168
8	Ms. Anshika Agrawal	Pythagorean Fuzzy Transportation Problem: A New Algorithmic Approach for Basic Feasible Solution	ICRTMS_174
9	Vinod Kumar	Magnetic Field Effects on Thermohaline Convection in a Rotating Couple- Stress Nanofluid Layer within a Porous Medium: A Comparative Study of Free-Free, Rigid-Free, and Rigid-Rigid Boundaries	ICRTMS_180
10	Ms. Sumitra Jena	A study of Fixed Point and Best Proximity Point	ICRTMS_233
11	Mr. Dhiren Pandit	Fractional-Order Dynamics of Rubella Transmission and Vaccination Effects	ICRTMS_124

Day 2 Technical Session 13 (Offline)**Coordinator: Dr. Manish Pal****Session Chair: Prof. Shilpi Jain**

Sr. No.	Name of the Participants	Title of the Paper	Paper ID
1	Ajit	Analytical and Numerical Investigations of Magneto Convection in Non-Newtonian Nanofluids under Free-Free, Rigid-Rigid and Rigid-Free Boundary Conditions	ICRTMS_178
2	Ms. Dumita	Multi-criteria Decision Making Approach for Ranking of Renewable Energy Sources Using Analytical Hierarchy Process and Fuzzy Analytical Hierarchy Process	ICRTMS_163
3	Ms. Kanjakshi Bhatia	UNION BUDGET ALLOCATION AND UAV GROWTH: A COMPARATIVE ANALYSIS OF INDIA AND GLOBAL BENCHMARKS	ICRTMS_127
4	Dr. Arti Manglesh	Radiating Monophasic Nano Fluid Flow through Conical Gap with Variable Viscosity using Lie Group Method	ICRTMS_181
5	Dr. Rajeev	Computational Study of Oscillatory Convection in an Infinite Ferromagnetic Fluid Layer: Impact of Variable Gravity, MFD Viscosity, and Rotation with Various Boundary Conditions	ICRTMS_153
6	Ashish Kumar	Computational Study of Oscillatory Convection in an Infinite Ferromagnetic Fluid Layer: Impact of Variable Gravity, MFD Viscosity, and Rotation with Various Boundary Conditions	ICRTMS_153
7	Dr. Sanjeev Kumar	Sustainable and Secure Image Encryption Using Chaotic Systems and Frequency Domain Transformations	ICRTMS_041

Day 2 Technical Session 14 (Online)

Coordinator: Mr. Nitish

Session Chair: Dr. Sanjay Sharma

Google Meet link: <https://meet.google.com/gzy>

Sr. No.	Name of the Participants	Title of the Paper	Paper ID
1	Ms. Sakshi Pathak	An Efficient ECC-Based Key Exchange Protocol for Secure Multi-User Communication	ICRTMS_130
2	Mr. Charan Singh	ON THE INVOLUTE SWEEPING SURFACE OF THE SPACELIKE CURVE WITH A SPACELIKE BINORMAL IN E^3	ICRTMS_096
3	Ms. Diksha Upadhyay	ON THE NORMAL COMPLEMENT PROBLEM OF FINITE GROUP ALGEBRA	ICRTMS_033
4	Ms. Kanika Mankotia	"Multi-attribute decision-making approach based on Yager mean operations for intuitionistic fuzzy soft numbers"	ICRTMS_152
5	Sangam Yadav	Simplex method and it's geometrical explanation	ICRTMS_201
6	Dr. Anita Devi	Harmonious Intersection of Music and Mathematics: A Systematic Review	ICRTMS_215
7	Ms. Jyoti	A Numerical Scheme for Solving a Nonlinear Heat Conduction Model of the Human Head	ICRTMS_175
8	Mr. Deepak Kumar	Optimizing multi model transportation problem for reduce carbon emissions	ICRTMS_183
9	Ms. Sunita Kumari	OPTIMIZING MULTI MODEL TRANSPORTION FOR REDUCED CARBON EMISSIONS	ICRTMS_183
10	Mr. Anamitra Deb	Optimal Allocation of Central Bank Assets: A Linear Programming Model	ICRTMS_216
11	Dr. Anup Singh	Solution of (2+1) dimensional fractional order Burgers – Huxley Equation Via Spectral collocation method	ICRTMS-121

Day 2 Technical Session 15 (Online)

Coordinator: Dr. Kritika Gupta

Session Chair: Dr. Swati Singh

Google Meet link: <https://meet.google.com/kva>

Sr. No.	Name of the Participants	Title of the Paper	Paper ID
1	Mr. Sudeep Gour	FAST FOURIER TRANSFORM : MATHEMATICAL FOUNDATIONS, ALGORITHMS, AND APPLICATIONS	ICRTMS_214
2	Ms. Anjali Singh	A Review on the synchronisation of chaotic systems: case study on the lorenz system	ICRTMS_211
3	Ms. Manjari Pathak	Probabilistic Inventory Model of Newspaper Vendor	ICRTMS_205
4	Mr. Mukul Giri Goswami	Agricultural Commodity Forecasting: LSTM with Genetic Algorithm - Based Hyperparameter Tuning	ICRTMS_135
5	Ms. Divya Bharti	Inventory Replenishment Policies for Partially Backlogged Shortages with Inflation Under JIT Implementation	ICRTMS_161
6	Mr. Pulkit	A Study on Diet Optimization with Linear Programming Model by using Simplex Method	ICRTMS_074, ICRTMS_196
7	Ms. Diya	Real-World Applications of Ordinary Differential Equations: Modeling and Solutions Across Various Fields	ICRTMS_076
8	Ms. Nisha Kanwar Chouhan	Heat and Mass Transmission in Maxwell Nanofluid Flow Over an Exponential Stretching Sheet with Swimming of Motile Gyrotactic Microorganisms	ICRTMS_055
9	Mr. Mukul Badgurjar	Bipolar Fuzzy Optimization and its Application in Transportation Sector	ICRTMS_232
10	Prof. Madhavi Levaker	Enumeration of Basic Hamilton Cycle in a Mangoldt	ICRTMS_246
11	Mr. Anand Seetaka	Enumeration of Basic Hamilton Cycle in a Mangoldt	ICRTMS_246

Day 2 Technical Session 16 (Online)

Coordinator: Ms. Ruchi Narang

Session Chair: Dr. Rohit Patel

Google Meet link: <https://meet.google.com/fbs>

Sr. No.	Name of the Participants	Title of the Paper	Paper ID
1	Ms. Kiran Dhirawat	Study on Temporal-Fractional Gas Dynamics Equation using Cubic B-Spline approach integrated with a θ -weighted scheme	ICRTMS_226
2	Ms. Shaily	Comparative Analysis of Model free RL algorithms in dynamic & partially observable Grid world environment	ICRTMS_195
3	Mr. Ajay	The Role of Partial Differential Equations in Shaping the Modern World	ICRTMS_087
4	Ms. Sonia Sharma	Application of complex sadik integral transform for solving Bessel's function of first kind	ICRTMS_224
5	Dr. Tilak Raj Sharma	Semihyper rings characterized by their hyperideals	ICRTMS_220
6	Dr. Preeti Devi	Exact Traveling Wave solutions of the Coupled Drinfeld Sokolov Wilson Equation by improved modified Sardar Sub-equation method	ICRTMS_165
7	Dr. Bhimraj Basumatary	A Study on Generalised Regular Anti-Topological Space	ICRTMS_083
8	Mr. Brij Mohan	Analysis of Generalized Soliton Solutions of a (3+1) dimensional Generalized KP- Boussinesq Equation Propagating Non linear Waves	ICRTMS_104
9	Ms. Sangeeta Basumatry	A comprehensive review on the approach of RAMS-RATMI in Multi-criteria Decision Making Methods	ICRTMS_050
10	Mr. Gugu Narzary	A Study on Solution of Wave Equation by Neutrosophic Laplace Transform.	ICRTMS_109
11	Praseen Bora	A Study on Gradient, Divergence and Curl of Neutrosophic Cylindrical Coordinates	ICRTMS_058