

CMSE 2022 Paper ID

Paper ID	NAME	Title of the Article
CMSE-2022/001	AAKASH M	Comparison And Prediction Of The Outbreak Of Covid-19 Using Numerical Methods
CMSE-2022/002	AAMIR HAMID DAR	Octonion Spectrum Of 3D Short-Time Lct Signals.
CMSE-2022/003	ABDELKRIM SALIM	A Study On Some Impulsive Boundary Value Problems With Retardation And Anticipation And Generalized Ψ -Hilfer Fractional Derivative.
CMSE-2022/004	ABDUR RAHEEM	On Oscillatory Behavior Of Solutions For A Class Of Fractional Impulsive Differential Equations
CMSE-2022/005	ABHILIPSA PANDA	Adomian Decomposition And Homotopy Perturbation Method For The Solution Of Time Fractional Partial Integro-Differential Equations
CMSE-2022/006	ABHISHEK YELLEPEDDY	Collating Evidence For The Collatz Conjecture
CMSE-2022/007	AJAY KUMAR	Reliability Measures Analysis Of Cold Standby Redundant System Subjected To Inspection Using Refreshment Facility
CMSE-2022/008	AKANKSHA SAXENA	Convergence Criteria Of A Three Step Scheme Under Generalized Lipschitz Condition In Banach Spaces
CMSE-2022/009	AKSHAYA GOMATHI K	Proposing Damage Model For Concrete By Considering The Limitation Of The In-Built Model Of Ls-Dyna
CMSE-2022/010	AMAR DEEP	An Existence Result For Functional Integral Equations Via Petryshyn'S Fixed Point Theorem
CMSE-2022/011	AMBRISH PANDEY	A Study On The Regula Falsi Method Using Computational Method And Its Applications
CMSE-2022/012	AMINA HALLAL AND BELLOUFI M	A New Hybrid Conjugate Gradient Method To Solve Unconstrained Nonlinear Problems
CMSE-2022/013	AMIT KUMAR	Health Insurance Cost Predictor App Using Machine Learning
CMSE-2022/014	AMIT SHARMA	A Hybrid Numerical Scheme For Singular Perturbation Delay Problems With Integral Boundary Condition.
CMSE-2022/015	AMYA RANJAN RAY	Cfd Analysis Of Owc Device
CMSE-2022/016	ANANDIKA RAJEEV	Electro-Osmotic Effect On The Three-Layer Flow Of Binary Nanoliquid Between Two Concentric Cylinders
CMSE-2022/017	ANIL KUMAR	A New Semi Analytical Technique For Solving Nonlinear Delay Differential Equations
CMSE-2022/018	ANIL NEGI	Analysis On The Propagation Of Love Waves Through Irregular Surface Of Poro-Viscoelastic Rock Structure
CMSE-2022/019	ANIRUDDHA SEAL	Convergence Analysis Of A Second-Order Scheme For Fractional Differential Equations With Integral Boundary Conditions
CMSE-2022/020	ANJALINE W	Minimum Neighborhood Domination

CMSE-2022/021	AREEFA KHATOON	Adomian Decomposition Method: A Tool To Study The Analytical Solution Of Impulsive Fractional Delay Differential Equation
CMSE-2022/022	ASMA AFREEN	Some Results Of A Semilinear Fractional Stochastic System With Multiple Delays In Control
CMSE-2022/023	ATUL KUMAR	A Numerical Scheme For Fractional Differential Equations
CMSE-2022/024	AUROJYOTI PRUSTY	Crack Growth Prediction Using Higher-Order Phase Field Method In Hyperelastic Material
CMSE-2022/025	B.SWARNA	Food Detection Using Convolutional Neural Network
CMSE-2022/026	BAPIN MONDAL	Stability Analysis Of A Three Species Food Chain Model With Linear Functional Response Via Imprecise And Parametric Approach
CMSE-2022/027	BEENU SINGH	Importance Of Petryshyn'S Fixed Point Theorem For The Existence Of Solutions Of Functional-Integral Equations In Banach Space
CMSE-2022/028	BHAGWAN SINGH	Thermoelastic Damping Analysis In Micro-Beam Resonators In The Frame Of Modified Couple Stress And Moore–Gibson–Thompson (Mgt) Thermoelasticity Theories
CMSE-2022/029	BIPIN KUMAR CHAUDHARY	Steepened Waves In Non-Planar Flow Of Stiffened Gas
CMSE-2022/030	BOULMERKA IMANE	Global Existence Of Solution Of A Nonlinear Viscoelastic Wave Equation With General Source And Damping Terms
CMSE-2022/031	BOYINA KALYAN	Effect Of Magnetic Field And Surface Stress Effects On Wave Propagation Behavior Of Viscoelastic Timoshenko Nano Beams Based On Non-Local Strain Gradient Theory.
CMSE-2022/032	CHAHRA KECHAR	Fixed Points And Asymptotic Stability Of A Generalized Nonlinear Neutral Differential Equation With Initial Condition
CMSE-2022/033	CHANDRESH PRASAD	Multiparametric Family Of Newton-Like Method On Riemannian Manifolds
CMSE-2022/034	DEEPAK	Reliability Analysis Of Coherent System Based On Survival Signature Of Its Modules
CMSE-2022/035	DHAVAL I HALVADIYA	Error Analysis And Analytical Solution Of Generalized Burgers–Huxley Equation
CMSE-2022/036	DIPANKAR CHOWDHURY	Evolution Of A Pair Of Random Inhomogeneous Wave Systems Over Infinite Depth Water
CMSE-2022/037	DR RITABRATA BISWAS	Theoretical Construction Of Accretion Model To Show Abruptly Low Ratio Between Shear Viscosity To Entropy Density
CMSE-2022/038	DR SUSHIL SHUKLA	On Recurrent Lightlike Hypersurfaces
CMSE-2022/039	DR. ALI KHALOUTA	On Solutions Of Nonlinear Fractional Bratu-Type Differential Equations
CMSE-2022/040	DR. DIVYA CHATURVEDI	Impact Of Variable Salinity Due To Pollution On The Dynamics Of Two Competing Populations In An Aquatic Ecosystem

CMSE-2022/041	DR. JADAV KONCH	A Numerical Study Of Entropy Generation On Fluid Flow Due To Radially Stretching Surface With Variable Viscosity And Thermal Conductivity
CMSE-2022/042	DR. JAYANTA MONDAL	"A Mathematical Context Concerning Dynamical Variations Of Immunopathology In Covid-19 Contagion"
CMSE-2022/043	DR. M. M. V. BAIG	Application Of Computer Algorithms For Their Use For Elucidation Of Protein Ligand Docking
CMSE-2022/044	DR. RAJAT VAISH	Iterative Approximation Of The Solution Of Variational Inequality Problem Over The Set Of Fixed Points Of An Asymptotically Nonexpansive Mapping In Intermediate Sense
CMSE-2022/045	DR. RISHAB RICHARD HANVEY	The Effect Of Hall Currents And Slip Condition On The Flow Of Blood Through Stenosed Artery With Heat Transfer
CMSE-2022/046	DR. RUCHI SABOO	Effect Of Chemical Reaction On Mhd Free Convective Flow Through Heated Vertical Channel Partially Filled With Porous Medium In The Presence Of Thermal Radiation
CMSE-2022/047	DR. U. A. RAJA	Finite Element Analysis Of Stress-Relaxation Behavior Of Soft Tissues
CMSE-2022/048	DR. VIJAY KUMAR SHUKLA	Matrix Projective Synchronization Between Chaotic Systems With Uncertainties And Disturbances
CMSE-2022/049	DRAIFIA ALA EDDINE	Galerkin Method For Nonlocal Mixed Boundary Value Problem For The Moore-Gibson-Thompson Equation With Integral Condition
CMSE-2022/050	G. SANTHOSH KUMAR	A Predator Prey Mathematical Model With Holling Type I Functional Response And Time Delay
CMSE-2022/051	GEETHU VARGHESE	A Numerical Investigation On Thermal Gradients And Stresses In High Temperature Pem Fuel Cell During Start-Up
CMSE-2022/052	GIRIDHARI DEOGHARIA	Expanding Universe Stories Explained By Three Fluid Interactive Cosmological Model
CMSE-2022/053	GOUTAM MANDAL	A League-Knock-Out Tournament Quantum Behaved Particle Swarm Optimization Algorithm For Nonlinear Constrained And Bound Constrained Optimization Problems And Applications
CMSE-2022/054	HANI BEN ABDALLAH	A Mean-Field Sufficient Maximum Principle For Markov Regime-Switching With Jump
CMSE-2022/055	HEMANTA KALITA	L^R -Henstock Integrable Function On Finite Dimensional Banach Valued Spaces
CMSE-2022/056	IBTISSEM DAIRA	Study The Existence Of Positive Periodic Solutions On A Time Scale For Nonlinear Neutral Dynamic Equations With Variable Coefficients
CMSE-2022/057	ILYES SEDKA	The Inverse Version Of Classical Methods To Solve Systems Of Nonlinear Integro-Differential Equations

CMSE-2022/058	JEEVITHA S	Unsteady Mhd Flow Of Mixed Convective Viscous Fluid By Rotating Cone With Entropy Generation Under The Influence Of Variable Viscosity
CMSE-2022/059	JYOTI	Wave Propagation In Heterogeneous Media: Formulation And Analysis Of Novel Higher-Order Energy And Dispersion Relation Preserving Schemes
CMSE-2022/060	KAUSHIK DEHINGIA	Time Delay Effect On A Tumor-Macrophages Mathematical Model
CMSE-2022/061	KICHA ABIR	On The Practical H-Stabilization Of Nonlinear Time-Varying Systems: Application To Separately Excited Dc Motor
CMSE-2022/062	KOMAL JANGID	A Domain Of Influence Theorem For A Natural Stress–Heat-Flux Problem In The Moore–Gibson–Thompson Thermoelasticity Theory
CMSE-2022/063	KSHMA TRIVEDI	Performance Of An U-Shaped Oscillating Water Column Wave Energy Converter Device Under Oblique Incident Waves
CMSE-2022/064	LHINGHOINENG KIPGEN	Riemann Problem And Its Elementary Waves Solution For Van Der Waals Gas With Dust Particles
CMSE-2022/065	M. SHAHNOOR R. TAMBOLI	Optimization And Modelling Of Solar Still Using Ann
CMSE-2022/066	MAHESHWARI	Fault Analysis Of Electrical Power System Using Fuzzy Logic
CMSE-2022/067	MANJULADEVI K	Numerical Study Of Natural Convection In Square Enclosure Varing Wall Temperature
CMSE-2022/068	MAYANK YADAV	Hygro-Thermal Analysis Of Euler-Bernoulli Nano Beams Under Surface And Magnetic Field Effect Based On Nonlocal Strain Gradient Theory
CMSE-2022/069	MEENA V	Numerical Study Of Conversion Of Gesture To Voice Using Convolutional Neural Network
CMSE-2022/070	MOHAMED HOUASNI	Flexible Structure With Second Sound And Distributed Delay– Existence, Uniqueness And Exponential Stability
CMSE-2022/071	MOHD ASAD	An Inertial Extragradient Algorithm For Split Problems In Hilbert Space
CMSE-2022/072	MOHD YASIR KHAN	Collective Motion Of A Model Microswimmer In An Mpc Fluid
CMSE-2022/073	MOHD YOUNUS BHAT	Wigner-Ville Distribution And Ambiguity Function Associated With The Quaternion Offset Linear Canonical Transform
CMSE-2022/074	MOHIT KHANDELWAL	Laminar Flow In Curved Pipes And Helical Tube
CMSE-2022/075	MOHSEENA THASEEN	Computational Approaches For Dna Transcription And Position Of Bacterial Genetic Factor
CMSE-2022/076	MONIKA BISHT	Solving Interval-Valued Transportation Problem Using A New Ranking Function For Octagonal Fuzzy Numbers
CMSE-2022/077	MS.KRITHIKA V	Fuzzy Semiopen Sets
CMSE-2022/078	MUBASHSHIR UDDIN KHAIROOV	Strong Convergence Theorem For Split Variational Inclusion Problem And A Finite Family Of Fixed Point Problems

CMSE-2022/079	MUBEEN TAJUDEEN M	Event-Triggered Based Fuzzy Control For Networked Control System Under Stochastic Deception Attacks
CMSE-2022/080	MUHAMMAD FIAZ	Numerical Solution Of Time-Fractional Reaction-Diffusion Coupled Equations In Biological And Chemical Systems
CMSE-2022/081	N. SHRAVANI	A Posteriori Error Estimates For The Parabolic Partial Differential Equations With Small Random Input Data.
CMSE-2022/082	N.B.SHARMILA	Dynamical Behaviours Of Stage Structure Predator-Prey Model
CMSE-2022/083	NAZMUL SK	Dynamics Of An Infected Prey–Generalist Predator System With The Effects Of Fear, Refuge And Harvesting: Deterministic And Stochastic Approach
CMSE-2022/084	NIKHIL TATKE	An Approach To Optimisation Of Forming Of Stainless-Steel Axisymmetric Cup By Numerical Simulation
CMSE-2022/085	NISHA MARY DANIEL	Linear Stability Analysis Of Micropolar Liquid By Finite Element Method; Cbs Scheme
CMSE-2022/086	NITIKA SHARMA	Robust Numerical Scheme For Singularly Perturbed Convection-Diffusion Type Partial Differential Equation With Large Delay And Integral Boundary Condition
CMSE-2022/087	NITISH PRASAD	Design Of Horizontal Axis Axial Flow Hydrokinetic Turbine
CMSE-2022/088	PARVEZ ALAM	Shear Waves In Magneto-Elastic Transversely Isotropic (Mti) Layer Bonded Between Two Heterogeneous Elastic Media
CMSE-2022/089	PRATYUSH CHAKRABORTY	Modeling Storage Aggregation Using Coalitional Game Theory
CMSE-2022/090	PRATYUSH KUMAR MOHANTY	Computational Study Of Incompressible Fluid Flow Past A Square Cylinder
CMSE-2022/091	PREETI GUPTA	Some Generalization Of Bernstein-Type Inequalities For Rational Functions With Prescribed Poles
CMSE-2022/092	PRIYANKA SINGH	Almost Self-Centered Index Of Some Graphs
CMSE-2022/093	PROMILA BISWAS	Analyzing Barboza, Alcaniz, Zhu And Silva Redshift Parameterization Model
CMSE-2022/094	PUNEETH V	Thermal And Solutal Stratified Bioconvective Heimanz Flow Of Aa7072-Deionosed Water Over A Wedge
CMSE-2022/095	RACHAKONDA NAGA SAI PRAKA	Numerical Analysis For Supersonic Flow Over A Wedge
CMSE-2022/096	RAHUL KUMAR MAURYA	Efficient And Stable Numerical Schemes For Multi-Term Non-Linear Fractional Diffusion Wave Model
CMSE-2022/097	RAJALAKSHMI. R	Selection Process Of Onshore Wind Turbine Model Based On Hesitant Bipolar-Valued Intuitionistic Fuzzy Set
CMSE-2022/098	RAJAN MONDAL	Impact Of Trapezoidal Demand And Deteriorating Preventing Technology In An Inventory Model In Interval Uncertainty Under Backlogging Situation
CMSE-2022/099	RAKHI SINGH	Mathematical Analysis And Numerical Solution Of Diabetes Model With Fractional Derivative Without Singular Kernel.

CMSE-2022/100	RAMISETTY KAVYA	Decision Making Model Based On Dempster Shafer Theory
CMSE-2022/101	RENU	On R-Complex Finsler Spaces With An (A,B)-Metric
CMSE-2022/102	RICHA SAHA	Thermo-Convective Flows Of Newtonian Mono-Nanofluids And Hybrid Nanofluids Over A Horizontal Wavy Surface In A Porous Medium
CMSE-2022/103	SABIHA BAKHTAWAR	Novel Technique For Approximating The Solutions Of Linear And Nonlinear Integral And Integro-Differential Equations Based On Non-Dyadic Haar Wavelet
CMSE-2022/104	SACHIN PIYUSHKUMAR PANCHAN	A Robust Semi-Analytical Approach To Studying The Newell Whitehead-Segel Equation.
CMSE-2022/105	SANKET TIKARE	Ulam Stability For First-Order Impulsive Nonlinear Dynamic Equations
CMSE-2022/106	SANTANU KOLEY	Abstract
CMSE-2022/107	SANWATEE BEHERA	Impact Of Partial Slip On The Radiative Conducting Nanofluid Flow Through An Expanding Sheet For The Interaction Of Heat Source/Sink.
CMSE-2022/108	SAROJ MANDAL	An Application Of Gdqm To Piezothermoelasticity
CMSE-2022/109	SEMANTH REDDY BOMMU	Numerical Simulations On Urm Piers Considering The Effect Of Bond Patterns
CMSE-2022/110	SETU RANI	Study Of Exact Analytical Solutions Via Lie Symmetry Analysis And Dynamical Wave Profiles For A (2+1)-Dimensional Dissipative Long-Wave System
CMSE-2022/111	SEYF EDDINE GHENIMI	Exact Observability Of The 1-D Wave Equation In Some Intervals With Moving Ends
CMSE-2022/112	SHAILENDRA SINGH	New Bright Soliton Solutions For Kadomtsev-Petviashvili-Benjamin-Bona-Mahony Equations And Bidirectional Propagation Of Water Wave Surface
CMSE-2022/113	SHARMISTHA RAKSHIT	Analytical Investigation On The Propagation Of Surface Waves In A Thermo-Piezoelectric Half-Space
CMSE-2022/114	SHAZIA SABIR	Multiple Image Encryption Technique Based On 4D Arnold Map, Random Matrix Affine Cipher And Logistic Map.
CMSE-2022/115	SHILPA KADAM	Automatic Generation Of Math Word Problems For Assessing The Learner Skills In Adaptive Learning Systems
CMSE-2022/116	SHVETA MAHAJAN	Environmental Problems And Mathematical Modeling
CMSE-2022/117	SIBASISH PANDA	Numerical Study Of Poiseuille Flow Around A Confined Rotating Elliptical Cylinder
CMSE-2022/118	SIDDHARTHA KOLEY	Generation And Propagation Of Sh Waves Due To Shearing Stress Discontinuity In Linear Orthotropic Viscoelastic Layered Structure

CMSE-2022/119	SIVALINGAM SM	Study Of Decay Parameter Of Blast Waves In Presence Of Dust Particles Using Lie Group Similarity Transformations And Machine Learning Techniques.
CMSE-2022/120	SOHAM CHANDRA	A Monte Carlo Study On The Temperature Dependence Of Hysteresis Loops In Ising Spin-1 Square Bilayers
CMSE-2022/121	SUNITA KUMAWAT	Dynamics of torsional surface waves in a threefold concentric compounded cylinder with uneven interface
CMSE-2022/122	SOWNDARRAJAN P T	Control Strategies As Preventive Education And Treatment In A Heroin Epidemic Model
CMSE-2022/123	SUBRATA ROY	Integrability And Multiple Soliton Solution Of (2+1)-Dimensional Kadomtsev-Petviashvili Equation In The Presence Of Damping And Forcing Term
CMSE-2022/124	SUVARNA D.KAMBLE	Mixed Convection Flows With Viscous Dissipation In A Vertical Double-Passage Channel Containing Permeable Fluid"
CMSE-2022/125	SWARUPA ROY	Toeplitz Operators With Bounded Harmonic Symbols
CMSE-2022/126	SWATI AGARWAL	A Simplex-Like Pivotal Solution Approach For Time Minimization Transportation Problems
CMSE-2022/127	TABINDA NAHID	Finding Non-Linear Differential Equations And Certain Identities For The Bernoulli-Euler And Bernoulli-Genocchi Numbers
CMSE-2022/128	TAHRAOUI FATIMA ZOHRA	Optimal Consumption And Investment For Exponential Utility Function.
CMSE-2022/129	TANMOY MAHAPATRA	Threshold Graph Under M-Polar Fuzzy Environment And Its Application On Resource Power Controlling System
CMSE-2022/130	V ARUN REDDY	Topics In Mathematical Pharmacology- A Review
CMSE-2022/131	VANASHREE AMIT GUPTA	A Robust Reconstruction Scheme Via Reed-Solomon Codes
CMSE-2022/132	VANDANA AGARWAL	Thermal Instability Of Magnetohydrodynamic Micropolar Jeffrey Fluid Layer Heated From Below Saturating Porous Medium
CMSE-2022/133	VENKATESH BABU K P	Optimization Of Graded Catalyst Layer To Enhance Uniformity Of Current Density And Performance Of High Temperature-Polymer Electrolyte Membrane Fuel Cell
CMSE-2022/134	VIPIN V	Water Wave Interaction By A Thick Porous Rectangular Structure Placed Over Non-Uniform Seabed