

List of Publications

2020-2021

S.No	Title of the paper	First Author & Affiliation	Remaining Authors & Affiliation as per the order in papers	Name of the Journal / Conference	Volume No, Issue No Page No Month & Year	Indexing Scopus/ SCI/ SCIE/ WoSetc	Is it available in Scopus Author Search (Yes/No)	Online Link of the paper (by clicking this link, paper should be opened in online)
1.	Entropy Anatomization On Marangoni Maxwell Fluid Over a Rotating Disk With Nonlinear Radiative Flux and Arrhenius Activation Energy	Suriya Uma Devi. S AP(Sr.G), Maths, KPRIET	Fazle Mabood Prof., Fanshawe College, Canada	Int. Communications in Heat and Mass Transfer	2020	SCI	Yes	https://doi.org/10.1016/j.icheatmasstransfer.2020.104857

2	Existence and uniqueness of solutions for coupled systems of Liouville-Caputo type fractional integrodifferential equations with Erdelyi-Kober integral conditions	M. Subramanian AP, Maths, KPRIET	Akbar Zada Prof, Maths, University of Peshawar, Pakistan	Int. Journal of Nonlinear Sciences and Numerical Simulation	2020	SCI	Yes	A.ID.10151520190299,
3	Existence and Hyers-Ulam type stability results for nonlinear coupled system of Caputo-Hadamard	M. Subramanian AP, Maths, KPRIET	Dumitru Baleanu Prof. Cankaya Univ, Inst of Space Sciene, Turkey, Romania.	AIMS Mathematic s	2021,6,168 -194	SCI	Yes	

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	type fractional differential equations		T. Nandha Gopal AP, Maths, SRMV CAS					
4	Analysis of boundary value problem with multi-point conditions involving Caputo-Hadamard fractional derivative	M. Subramanian KPRIET	T. Nandha Gopal Sri Ramakrishna Mission Vidyalaya College of Arts and Science	Proyecciones Journal of Mathematics	2020,39,15 55-1575	SCI	Yes	
5	Impulsive Functional Abstract Neutral Functional Differential Nonlocal Cauchy Problem with State-dependent Delay	K. Karthikeyan KPRIET	J.J.Nieto University of Santiago de Compostela Spain	Discontinuity, Nonlinearity & Complexity	2020	SCI	Yes	



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6	Existence results for the Hadamard fractional differential equations and inclusions	Subramanian Muthaiah KPRIET	Dumitru Baleanu, Prof. Cankaya Univ, Inst of Space Sciene, Turkey, Romania. Akbar Zada, University of Peshawar, Pakistan T.Nandha Gopal, SRMV CAS S.Muthukumar SRMVCAS	Journal of Physics: Conference Series	2020	IOP Journal	Yes	
7	Controllability of nonlocal impulsive differential equations with	D. Tamilzharasan, KSRCT	K. Karthikeyan, KPRIET	Journal of Physics: Conference Series	2020	IOP Science		

	measure of noncompactness							
8	Existence results for abstract fractional integro differential equations	K. Karthikeyan KPRIET	D.S. Raja, P. Sundararajan KSRCT	Dynamics of Continuous, Discrete and Impulsive Systems Series A: Mathematical Analysis	2020	Watam Press		
9	Single Phase Based Study of Ag-Cu/EO Williamson Hybrid Nanofluid Flow Over a Stretching Surface with Shape Factor	Wasim Jamshed, Capital University of Science and Technology,	Dr. S. Suriya Uma Devi KPRIET Kottakkaran Sooppy Nisar, Prince Sattam bin Abdulaziz University	Physica Scripta	2021	Physica Scripta		10.1088/1402-4896/abecc0
10	Analysis of Hilfer Fractional Integro-Differential Equations with Almost	Dr. K.Karthikeyan KPRIET	Amar Debbouche and Delfim F. M. Torres, University of	Fractal and Fractional	2021	MDPI	Yes	10.3390/fractalfract5010022

	Sectorial Operators		Aveiro, Portugal					
11	Existence, uniqueness and stability analysis of a coupled fractional-order differential systems involving Hadamard derivatives and associated with multi-point boundary conditions	Dr.M.Subramanian / Mathematics,	-	Advances in Difference Equations	2021	Springer	Yes	https://doi.org/10.1186/s13662-021-03414-9
12	A Study of solutions of abstract	K.Karthikeyan	D Senthil Raja, P Sundarara	Nonlinear Studies	2021,2,28,(575-583)	Cambri dge Scientifi	Yes	

	fractional integro differential equations		jan			c Publishers		
13	Impulsive Functional-Controllability problem for fractional integro-differential evolution systems of mixed type with the measure of noncompactness	D. SenthilRaja KSRCT	K.Karthikeyan an KPRIET	Discontinuity nonlinearity and complexity	2020	L&H Scientific Publication	Yes	
14	On Caputo-Hadamard type FDEs with nonlocal discrete boundary conditions	M.Manigandan Sri Ramakrishna Mission Vidyalaya College of Arts and Science	M. Subramanian an KPRIET P.Duraisamy Gobi Arts and Science college T. Nandha	Discontinuity, Nonlinearity & Complexity	2020,10,185-194	L&H Scientific Publication	Yes	



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			Gopal Sri Ramakrishna Mission Vidyalaya College of Arts and Science					
15	Analysis of fractional integrodifferential equations with nonlocal Erdelyi-Kober type boundary conditions	P. Duraisamy AP, Maths, GOBI CAS	T. Nandha Gopal, AP, Maths, SRMV CAS M. Subramanian AP, Maths, KPRIET	Fractional Calculus and Applied Analysis	2020,5, 1401-1415	De Gruyter	Yes	23 DOI: https://doi.org/10.1515/fca-2020-0069



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