

**PG & RESEARCH DEPARTMENT OF MATHEMATICS**

Paper Publications

2019-2020

S.No	Name of the Faculty Member	Research paper	Date of Publication	Name of the Journal (referred)
1.	Dr. W. Ritha, Ms. Lilly Robert S., Ms. I. Francina Nishandhi, Ms. Poongodisathiya	A Study on JELS Inventory Model of Delay-in-Payments Along with Different Mode of Road Transportation Under the Carbon Emission Reduction	June 2019	Journal of Physical Sciences
2.	Amalorpava Jerline J, Litta E, Dhanalakshmi K, Benedict Michael Raj L	F index of generalized mycielskian of graphs	June 2019	International journal of recent scientific research
3.	A. TheresalJeyaseeli, W. Ritha	Impact of E-tailing in fuzzy inventory model.	July 2019	Journal Of Information And Computational Science
4.	W.Ritha, S.Josephinevinnarasi.	Bell shaped fuzzy number with centroid of centroids method	July 2019	Journal Of Information And Computational Science
5.	Dr.I.Antonitte Vinoline, Dr. W. Ritha, Dr.J.Merline Vinotha, Ms.Theresal Jeyaseeli	Fuzzy Geometric Programming approach to food supply chain model	Feb 2020	Test Engineering and Management
6.	A. Jennie sebastypritha, U. Karuppiyah.	Common fixed point theorems for generalized cyclic contraction pair in partial b-metric spaces.	August 2019	International Journal Of Innovative Technology And Exploring engineering
7.	Dr.I.Antonitte Vinoline, Dr. W. Ritha, Dr.J.Merline Vinotha, Ms.Theresal Jeyaseeli	Fuzzy Geometric Programming approach to food supply chain model	Feb 2020	Test Engineering and Management
8.	Dr.I.Antonitte Vinoline, Dr. W. Ritha, Dr.J.Merline Vinotha, Dr.Nivetha Martin	The optimal ordering policy of the retailer in diverse commercial atmosphere with permitted delay in payments.	Feb 2020	Test Engineering and Management
9.	Dr.J.Merline Vinotha, P.Vijayalakshmi	Environmentally liable Multi-objective multi time span fuzzy fractional capacitated transportation problem in the two –echelon supply chain with Hetrogeneous items and mixed constraints	August 2020	International journal of recent technology and Engineering(IJRTE)

10.	Dr.I.Antonitte Vinoline, Dr. W. Ritha, Dr.J.Merline Vinotha, Dr.Nivetha Martin	The optimal ordering policy of the retailer in diverse commercial atmosphere with permitted delay in payments.	Feb 2020	Test Engineering and Management
11.	P.Vijayalakshmi, Dr.J.Merline Vinotha,	Multi-Objective Restricted Solid Transportation Problem in Intuitionistic Fuzzy Environment with Emission Cost	July 2019	International Journal of Recent Technology and Engineering (IJRTE)
12.	Ms.Theresal Jeyaseeli And Dr.W.Ritha	Green Vendor-Buyer Fuzzy Inventory Model	2019-2020	THINK INDIA JOURNAL
13.	Dr.I.Antonitte Vinoline, Dr. W. Ritha, Dr.J.Merline Vinotha, Ms.Theresal Jeyaseeli	Fuzzy Geometric Programming approach to food supply chain model	Feb 2020	Test Engineering and Management
14.	Dr.I.Antonitte Vinoline, Dr. W. Ritha, Dr.J.Merline Vinotha, Dr.Nivetha Martin	The optimal ordering policy of the retailer in diverse commercial atmosphere with permitted delay in payments.	Feb 2020	Test Engineering and Management
15.	Dr. W. Ritha, K. Jayanthi,	A Geometric Programming Solution to an Economic Production Quantity Model with Ranking Fuzzy Numbers Cost Parameters	July 2019	International Journal of Recent Technology and Engineering (IJRTE)
16.	Dr.I.Antonitte Vinoline, Dr. W. Ritha, Dr.J.Merline Vinotha, Ms.Theresal Jeyaseeli	Fuzzy Geometric Programming approach to food supply chain model	Feb 2020	Test Engineering and Management
17.	Ms.Theresal Jeyaseeli And Dr.W.Ritha	Sustainable Fuzzy inventory models with Incorporation of Environmental Costs	2019-2020	Think India Journal