

## Department of Science & Humanities

### Journal Publications

S.No.	Name of the Author	Title of Paper Published	Name of the Journal	Volume, Pages & Year
1	<b>S.Malarvizhi</b> R.Shyamala	Influence of Bacillus pumilus on the Corrosion of Mild Steel in Biodiesel	International Journal of latest Trends in Engineering and Technology. ISSN :2278-621X	Vol.8 pp.283, 2017
2	<b>D. Sumitha</b>	A Feedback M x /G/1 retrial queue with impatient customers, active breakdown and orbital search.	Advances in Mathematics: Scientific Journal ISSN: 1857-8365 E-ISSN: 1857-8438 UGC- Group II Scopus Source id :21100913565	Vol: 10, No: 3 pp.1397-1405 2021.
3	<b>D. Sumitha</b>	Analysis of repairable batch arrival retrial queueing system with second multi optional service, orbital search, priority and feedback customers.	International Journal of Advance Science and Technology ISSN : 2005-4238 : E ISSN: 2207-6360 UGC- Group II Scopus, Source id : 21100829147	Vol: 29, No:9s pp.2873-2882 2020
4	<b>D.Sumitha</b> K.Udaya Chandrika	Batch arrival retrial queue with delay time and additional multi-optional repair	International Journal of Advanced Computer Research (IJACR) ISSN:2277-7970	Vol.7 pp.32 2017
5	D.Veera Vanitha, M.Sabarigiriraj <b>D.Sumitha</b>	Performance Evaluation of Priority based OBS Networks with Negative Arrivals	International Journal of Applied Mathematics & Information Sciences	Vol.11 pp.1649 2017

6	D.Veera Vanitha, M.Sabarigiriraj <b>D.Sumitha</b>	Analysis of OBS Networks with Impatient Bursts and Server Breakdown	International Journal of Engineering, Applied and Management Sciences Paradigms ISSN:2320-6608	Vol.54 pp.226 2019
7	M.Nila <b>Dr.D.Sumitha</b>	Batch Arrival Retrial Queueing Model with Starting Failures, Customer Impatience, Multi Optional Second Phase and Orbital Search	International Journal of Engineering Research and Technology (IJERT) ISSN:2278-0181	Vol.8 pp.831 2019
8	M.Nila <b>D.Sumitha</b>	Mx/G/1 Retrial Queueing model with Pre-emptive Resume Priority, Multi Optional Second Phase, Feedback and Orbital Search	International Journal of Scientific and Technology Research (IJSTR) ISSN: 2277-861	Vol.9 pp.521 2020
9	<b>V.M.Vijayalakshmi</b> A.Kalaichelvi	Fuzzy soft W-Hausdorff Spaces	International Journal of and Mathematics Trends Technology ISSN2231-5373	Vol.41 pp.27 2017
10	P.Sruthi, <b>V.M.Vijayalakshmi</b> , A.Kalaichelvi	Soft W-Hausdorff Spaces	International Journal of and Mathematics Trends Technology ISSN 2231-5373	Vol.43 pp.16 2017
11	D.Sasikala, <b>V.M.Vijayalakshmi</b> A.Kalaichelvi	W - Hausdorffness in Soft Bitopological Spaces	International Journal of and Mathematics Trends Technology ISSN 2231-5373	Vol.43 pp.242 2017
12	<b>V.M.Vijayalakshmi</b> A.Kalaichelvi	Fuzzy Soft Gradation of Openness	International Journal of Engineering Sciences and Research Technology; ISSN 2277-9655	Vol.6 pp.209 2017
13	<b>V.M.Vijayalakshmi</b> A.Kalaichelvi	Fuzzy Soft Proximity Structures – I	Global Journal of Pure and Applied Mathematics ISSN 0973-9750	Vol.14 pp.357 2018

14	<b>V.M.Vijayalakshmi</b> A.Kalaichelvi	Fuzzy Soft K - Hausdorff Spaces	International Journal of Pure and Applied Mathematics ISSN 1314-3395	Vol.119 pp.720 2018
15	<b>J.Srikiruthika</b> A.Kalaichelvi	Fuzzy Supra Regular open sets	International Journal of Pure and Applied Mathematics (IJPAM) Scopus Indexed ISSN 1314-3395	Vol.119 pp.723 2018
16	<b>J.Srikiruthika</b> A.Kalaichelvi	Fuzzy Supra b-open sets	International Journal of Applied Engineering Research (IAER) ISSN 0973 -4562	Vol.13 pp.5788 2018
17	<b>J.Srikiruthika</b> A.Kalaichelvi	Fuzzy Supra pre-open sets	Global Journal of Pure and Applied Mathematics (GJPAM) ISSN 0973 -1768	Vol.14 pp.57 2018
18	<b>R.PappaAmmal,</b> A.Pushpa C.Nivedha	A study on thrombolytic potential of Moringa pterygospermagaertn	Asian Journal of Multidimensional Research ISSN 2278-4853	Vol.7 pp.515 2018
19	<b>T.Mekala</b> C.Divya	Motivate Esl Students' Intrinsic Skill In The Esl Classrooms	International Journal of English and Education ISSN 2278-4012	Vol6 pp.165 2017
20	<b>T.Mekala</b> C.Vennila	Role of Language Lab in ESL classrooms	Shanlax International Journal of Arts Science & Humanities ISSN 2321-788X	Vol.5 pp.185 2017
21	A.Vijayalakshmi <b>T.Mekala</b>	Women Empowerment in Gloria Naylor's novel "The Women of Brewster Place"	Quest Journals - Journal of Research in Humanities and Social Science ISSN (Online):2321-9467	Vol.6 pp.47 2018

22	<b>R.Vini</b> S.C.Murugavel.	Synthesis, Photoisomerization properties and Thermal Degradation Kinetics of Polyesters Containing Azomethine moiety in the main chain.	Journal of Polymer Materials ISSN 0973-8622	Vol.34 pp.783 2017
23	<b>R.Vini,</b> S.Thenmozhi, S.C.Murugavel.	Synthesis, characterization and thermal degradation kinetics of azomethine-based halogen-free flame retardant polyphosphonates.	High Performance Polymers ISSN 0954-0083	Vol31 pp.86 2019
24	<b>R.Vini</b> S.C.Murugavel	Photoisomerization and Thermal Degradation Kinetics of Poly(ether – ester)s Containing Azomethine moiety in the main chain.	High Performance Polymers ISSN 0954-0083 online ISSN 1361-6412	2019