



KONGUNADUCOLLEGE OF ENGINEERING AND TECHNOLOGY

(AUTONOMOUS)

NAMAKKAL-TRICHY MAIN ROAD, THOTTIAM, TRICHY

DEPARTMENT OF SCIENCE AND HUMANITIES

FACULTY PUBLICATIONS-International/National Journals

S. No.	DETAILS
ACADEMIC YEAR 2021-2022	
1	Kalaimagal G , Devarajan S and Soundararajan S „Synthesis and Characterization of Poly(Lactic Acid) — Poly(Ethylene Glycol) Copolymer with Boc- Glycine End Groups in Medical Applications“ Chemistry of Natural Compounds (Springer), Vol. 58, No. 1, pp. 14-17, January 2022, SCIE/SSCI Journal.
2	V. Balakumar, S. Sekar, A. Baishnisha and S. Kathiresan , „In-situ growth of TiO₂@B-doped g-C₃N₄ core-shell nanospheres for boosts the photocatalytic detoxification of emerging pollutants with mechanistic insight“ Applied Surface science, 2022, Volume 577, Page No 151924 (doi.org/10.1016/j.apsusc.2021.151924).
3	Shanmugapriya N, Vanasundari K, , Balachandran V, Revathi B, Sivakumar C and Dr.Viji A „Spectroscopic Identification, Structural Features and Molecular Docking Studies on 5-(4-Propoxybenzylidene)-2-[3-(4-chlorophenyl)-5-[4(propan-2-yl) phenyl-4,5-dihydro 1H-pyrazol-1-yl]-1,3-thiazol-4(5H)-one using Pim-1 Kinase Cancer Protein“ Asian Journal of Chemistry, Vol. 34, No. 4, pp.1-14, March 2022, Scopus Indexed.
4	Sindu Devi S, Mohankumar S, Sasi G, Thangamani P and Dhivya M „Homomorphism of Complex Anti Fuzzy“ Design Engineering, ISSN: 0011-9342, Issue 9, pp.13181-13187, January 2022, Scopus Indexed.
5	R. Pathrakumar, R. Chitra, R. Malarvizhi and J. Sophers , „On Pre - γ -m- I -open Sets In Ideal Minimal Spaces“, GIS Science journal, 2021, volume 8, Issue 7, Page 1504-1515, (ISSN NO : 1869-9391), UGC Care Approved Group 2 Journal.
6	R. Pathrakumar, R. Chitra, R. Malarvizhi and J. Sophers , „On Pre - γ -m- I -open Sets In Ideal Minimal Spaces“, GIS Science journal, 2021, volume 8, Issue 7, Page 1504-1515, (ISSN NO : 1869-9391), UGC Care Approved Group 2 Journal.
7	R.Srinivasan, N. Karthikeyan , “A proposed method to solve Transportation problem by Generalized Pentagonal and Hexagonal Fuzzy Numbers” International journal of Aquatic Science, 2021, Vol. 12, Issue 02 (ISSN: 2008-8019).
8	R.Srinivasan, N. Karthikeyan , A. Jayaraja „A Proposed Technique to Resolve Transporation Problem by Trapezoidal Fuzzy Numbers“ Indian Journal of Science and Technology, 2021, Vol. 14, Issue 20, Page 1642-1646. (ISSN 0974-5645).
9	R.Srinivasan, N. Karthikeyan , A. Jayaraja, “A proposed Ranking method to Solve Transportation Problem by Pentagonal Fuzzy Numbers”, Turkish Online Journal of Qualitative inquiry, 2021, Vol. 12, Issue 3, Page 277-286. (ISSN 1309-6591).
10	Thangamani P , Padma N and Priya R “Acceptance Sampling Model Using Normal Distribution with Effort of Hormone” International Scientific Journal of Wutan Huatan Jisuan Jishu, ISSN NO: 1001-1749, Vol. 17, No.12, pp.74-81, December 2021, UGC Care Approved Group 2 Journal.
11	A Prasanna, M. Premkumar, A. Sugapriya, M. M. Kannan and A. Arul Staline „On κ — Q- Anti Fuzzy Normed Rings“ Design Engineering, Issue 8, Page 8513-8519, 2021 (ISSN: 0011-9342).
12	M. Premkumar, M. Bhuvaneshwari, E. Manikandan , A. Prasanna, “Fundamental Algebraic properties on k-Q-Anti fuzzy prime ideal and k — Q _Anti fuzzy normed maximal ideal” Turkish online Journal of qualitative Inquiry, 2021, Volume 12, Issue 8, page no 6895-6900.
13	CT Nagaraj, M. Premkumar “On Fundamental Attributes on Homomorphism of μ -anti-Fuzzy Subgroups“, Journal of University of Shanghai for Science and Technology, Vol 23, Issue 10, page 793, 2021 (IISN: 1007-6735).

15	B. Antline Nisha, T. Jeeva , P. Amsaveni “Single Server Infinite Capacity Interdependent Retrial Queueing Model with Controllable Arrival Rates and Abandoning” <i>Efflatounia</i> , 2021, vol. 5, Issue 2, Page 3091-3098 (ISSN: 1110-8798).
16	A. Prasanna, M. Premkumar, K. Malathi and A. Arul Staline “A study on complex anti fuzzy subring” <i>Advancs in Mechanics</i> , Volume 9, Issue 3, 2021, Page 1043-1050.
17	B. Sangavi , “Mutisensory teaching as a tool of teaching English to learning disabilities” <i>Langlit</i> , 2021, Vol 8, Issue 2 Page No 207 (ISSN No: 2349-5189).
18	H. Sharma, A. kumar, J. S. Babasaheb, V. Sriram , M. Chandrasekar, S.J. Vincy, “To the study of isolation and identification of Bacillus species in sample of sputum and pus and their susceptibility reaction to antibiotics” <i>Nat. Voltailes & Essent oils</i> , 2021, Volume no 8, Issue 4, Page no: 11596-11608.
19	Balraj D, Senthil Kumar T, Govindharaj G and Balasubramaniyan K T “Common fixed point under generalized condition on complex quasi-partial metric space and applications” <i>Advances and Applications in Mathematical Sciences</i> , Vol 21, No. 5, pp. 2621-2644, March 2022, Web of Science Indexed, Scopus Indexed.
20	Vellaichamy Balakumar, Sekar Selvarajan, Amanulla Baishisha & Sellamuthu Katiresan 2021 “In-situ growth of TiO ₂ @B-doped g-C ₃ N ₄ core-shell nanospheres for boosts the photocatalytic detoxification of emerging pollutants with mechanistic insight” <i>Applied Surface Science</i>
21	Pathrakumar R, Chitra R, Malarvizhi R & Sophers J 2021 “On Pre --M- L -Open Sets In Ideal Minimal Spaces” <i>Journal of GIS Science</i> , Vol. 8, no.7, pp.1504-1515.
22	Prasanna A, Premkumar M , Ismail Mohideen S & Rifyath Ali A 2021 “On fundamental Algebraic Structures of κ -Q-Anti Fuzzy Normed Rings” <i>International Journal of Advanced and Innovative Research</i> , Vol. 8. No.4, pp.345-354.
23	Prasanna A, Premkumar M , Sugapriya A, Kannan M & Arul Staline A 2021“On κ -Q-Anti Fuzzy Normed Rings” <i>Design Engineering</i> , No.8, pp.8513-8519.
24	Harsha Sharma, Anil Kumar, Jige Sandipan Babasaheb, Sriram V , Chandrasekar M & Sherafin Jancy Vincy 2021 “To the study of Isolated and Identification of Bacillus Species in sample of Sputum and Pus and their Susceptibility reaction to antibiotics” <i>Natural Volatiles Essential oils</i> , No.8(4), pp.11596-11608.
25	Premkumar M , Bhuvaneshwari M, Manikandan E & Prasanna A 2021 “Fundamental Algebraic Properties on κ -Q-Anti Fuzzy Prime ideal and κ -Q-Anti Fuzzy Normed Maximal ideal” <i>Turkish Online Journal of Qualitative Inquiry</i> , Vol. 12. No.8, pp.6895-6900.
26	Antline Nisha B, Jeeva T & Amsaveni P 2021 “Single Server Infinite Capacity Interdependent Retrial Queueing Model with Controllable Arrival Rates and Abandoning ” <i>Efflatounia</i> , Vol. 5. No.2, pp.1110-8703.
27	Nagaraj CT & Premkumar M 2021 “On Fundamental Atributes on Homomorphism of μ -anti-Fuzzy Subgroups” <i>Journal of University of Shanghai for Science and Technology</i> , Vol. 23. No.10, pp.1007-6737.
28	Pathrakumar R, Chitra R , Malarvizhi R & Sophers J 2021 “An Semi -Open Sets In Minimal Topological Spaces” <i>Indian Journal of Natural Sciences</i> , Vol. 12, no.68, pp.0976-0997.
29	Srinivasan R, Karthikeyan N & Jayaraja A 2021 “A Proposed Ranking Method to solve Transportation Problem by Pentagonal Fuzzy Numbers” <i>Turkish Online Journal of Qualitative Inquiry</i> , Vol. 12. No.3, pp.277-286.
30	Srinivasan R, Karthikeyan N & Jayaraja A 2021 “A Proposed Technique to resolve Transportation Problem by Trapezoidal Fuzzy Numbers” <i>Indian Journal of Science and Technology</i> , No.14(20), pp.1642-1646.
31	Srinivasan R, & Karthikeyan N 2021 “A Proposed Method to solve Transportation Problem by Generalized Pentagonal and Hexagonal Fuzzy Numbers” <i>International Journal of Aquatic Science</i> , Vol. 12. No.2, pp.1499-1509.