

**SSN COLLEGE OF ENGINEERING, KALAVAKKAM-603110**  
**MATHEMATICS DEPARTMENT**

**Conference - 2018**

1. B.Praba, Benazir Obilia.X.A, Domination number of Rough Ideal based Rough Edge Cayley Graph, World Summit on Advances on Sciences, Engineering and Technology, University of Cambridge, UK, 4-6<sup>th</sup> Jan, 2018.
2. B.Praba, Saranya.R, Gomathi.G. G, A Characterization of the Annihilators of a Rough Semiring, World Summit on Advances on Sciences, Engineering and Technology, University of Cambridge, UK, 4-6<sup>th</sup> Jan 2018.
3. Dr.M.Shanmugapriya presented a paper titled "Entropy Generation Analysis of Copper-Water Nanofluid Flow over a Moving Wedge" in the 3rd International Conference on Recent Advancements in Chemical, Environmental & Energy Engineering, RACEEE-2018 held at SSN College of Engineering, 15 & 16 Feb 2018
4. Dr.G.Kalpana presented a paper titled "C\*- algebra valued rectangular b-metric space and some fixed point theorems" in the International Conference on Current Scenario in Pure and Applied Mathematics
5. Dr.G.Kalpana presented a paper titled "C\*-algebra-valued rectangular b-metric space and some fixed point theorems" in the International Conference on Current Scenario in Pure and Applied Mathematics (ICCSPAM2018) held at Kongunadu Arts and Science College, Coimbatore, 14 -16, Feb 2018
6. Dr.S.Yugesh presented a paper titled "Non uniform generalized average sampling and reconstruction in shift invariant subspaces" in the International Conference on Applied Analysis, Mathematical Modeling and Computing Techniques 2018" held at The Gandhigram Rural Institute (Deemed to be University), Gandhigram, Dindigul, Tamil Nadu, 15-17, March 2018
7. Dr. M. Shanmugapriya and M. Elayarani presented a paper titled "MHD STAGNATION POINT FLOW OVER A STRETCHING SHEET IN A POROUS MEDIUM WITH HEAT GENERATION" in the National Conference on Sustainable Energy Resources for Thermal Systems (SERTS 2018) held at SSN College of Engineering, Chennai, India, 16 March 2018
8. Dr. M. Shanmugapriya presented a paper titled "HEAT AND MASS TRANSFER ANALYSIS OF MHD STAGNATION POINT FLOW PAST A UNSTEADY STRETCHING SHEET" in the National Conference on Sustainable Energy Resources for Thermal Systems (SERTS 2018) held at SSN College of Engineering, Chennai, India, 16 March 2018
9. Dr. G. Kalpana presented a paper titled "Hexagonal cone b-metric spaces over Banach algebra" in the "International Conference on Applied Analysis, Mathematical Modeling and Computing Techniques 2018" held at The Gandhigram Rural Institute (Deemed to be University), Gandhigram, Dindigul, Tamil Nadu, 15-17 March 2018
10. Dr.G.Kalpana and Dr. C.Kalaivani presented three papers titled "Kannan Fixed Point Theorem on C\*-algebra –valued S b-metric spaces", "Fixed Point Theorem in Chatterjee Mapping", and "Product Fuzzy Soft topology" in the International Conference on Advanced Scientific Innovation in Science, Engineering and Technology (ICASSET -2018) held at Bharath Institute of Higher Education and Research, Chennai 11-13, Apr 2018
11. Dr. C. Kalaivani and Dr.G.Kalpana presented a paper titled "Fixed Point Theorem in Chatterjea Mapping" in the International Conference on Advanced Scientific

Innovation in Science, Engineering and Technology (ICASISSET - 2018) held at Bharath University, Chennai, April 11-13, 2018.

12. Dr. C.Kalaivani and Dr. G. Kalpana presented a paper titled " Product Fuzzy Soft topology" in the International Conference on Advanced Scientific Innovation in Science, Engineering and Technology (ICASISSET - 2018) held at Bharath University, Chennai, April 11-13, 2018.
13. Sumathi R, Sujatha R, Sundareswaran. R, Fuzzy Block Identification Using Strong Sum distance Metric, International Conference on Mathematical Methods, Modelling and Simulation in Chemical Sciences, SSNCE, Dec.06-08, 2018
14. K. Shriram, R. Sujatha, R. Narasimman, R.Sundareswaran, Hyperenergetic and Hypoenergetic of Fuzzy graphs, International Conference on Mathematical Methods, Modelling and Simulation in Chemical Sciences, SSN CE, Dec.06-08, 2018
15. D. Yokesh, R. Sujatha, R. Sundareswaran, Dominating Safe Sets in Graphs, International Conference on Mathematical Methods, Modelling and Simulation in Chemical Sciences, SSNCE, Dec.06-08, 2018
16. Sujatha R, Sharmila V, Narasimman S, Re-estimation of hidden Markov model with states depending on observation – A fuzzy probability approach, International Conference on Mathematical Methods, Modelling and Simulation in Chemical Sciences, SSNCE, Dec.06-08, 2018
17. S.Poomagal, R.Sujatha, An innovative method for ranking generalised trapezoidal fuzzy number using Euler line of the triangle formed by joining the Centroids, International Conference on Mathematical Methods, Modelling and Simulation in Chemical Sciences, SSNCE, Dec.06-08, 2018
18. M. Boopathi, R. Sujatha, C. Senthil Kumar, K Sathish Kumar, Multivariate Polynomial Fit: an effective fabrication of Pectin degrading Fe<sub>3</sub>O<sub>4</sub>-SiO<sub>2</sub> Nanobiocatalyst activity (IU/mg), International Conference on Mathematical Methods, Modelling and Simulation in Chemical Sciences, SSNCE, Dec.06-08, 2018
19. M. Shanmugapriya "Numerical study of viscous and radiation effects on magnetic-nanofluid flow over a porous inclined plate" in the International Conference on Mathematical Methods, Modeling and Simulation in Chemical Sciences (ICMMSC-2018) during December 06 - 08, 2018 held at SSN College of Engineering, Chennai.
20. P. Sangeetha & M. Shanmugapriya "Numerical study on the behaviour of FRP wrapped concrete columns under uniaxial compression" in the International Conference on Mathematical Methods, Modeling and Simulation in Chemical Sciences (ICMMSC-2018) during December 06 - 08, 2018 held at SSN College of Engineering, Chennai.
21. P. Sangeetha, M. Shanmugapriya, Aaditya Jagadeesh, K. Deveshwar "Numerical and Experimental evaluation on the behaviour of cold formed steel box struts and prediction of experimental results using artificial neural networks" in the International Conference on Mathematical Methods, Modeling and Simulation in Chemical Sciences (ICMMSC-2018) during December 06 - 08, 2018 held at SSN College of Engineering, Chennai.
22. Madura Meenakshi.R, N. Padmapriya, N. Venkateswaran, Noise Removal in Thermal Images using Dual Fuzzy Logic, ICMCE, VIT University, Chennai, during 23-24 November 2018.
23. R.Jothiraj, Venugopal P presented a paper "Cyclic Open Shop Scheduling in a Paired Triple Connected Dominator Coloring of Circular Arc Graph", National Conference on EMERGING TRENDS IN MATHEMATICS SCIENCES (NCETMS2018), Vol.1, pp.25, S.A. Engineering College, Chennai, 20 December 2018.

24. T. Arputha Jose, Venugopal P, S Gomathi, presented a paper “Radio-labeling of certain graphs”, International Conference on Mathematical Computer Engineering (ICMCE), VIT University, Chennai, during 23-24 November 2018.
25. T . Arputha Jose, Venugopal P, S. Gomathi, Y Kins presented a paper “Radio antipodal labeling of certain honeycomb networks”, International Conference on Mathematical Computer Engineering (ICMCE), VIT University, Chennai, during 23-24 November 2018.
26. C.Beaula, Venugopal P presented a paper “Application of graph theory in cryptography”, International Conference on Mathematical Computer Engineering (ICMCE), VIT University, Chennai, during 23-24 November 2018.
27. Mr.R.Jothiraj, Venugopal P presented a paper “Triple Connected Dominator Coloring to Cyclic Open Shop Scheduling of Circular- Arc Graph”, International Conference on Mathematical Computer Engineering (ICMCE), Vol.1, pp.104, VIT University, Chennai, during 23-24 November 2018. ISBN : 978-93-81899-94-6.
28. SuthanthiraDevi, P Karthika, S, Venugopal P and Geetha, R, “Veracity analysis and prediction in Social Big Data”, In Third International Conference On ICT for Sustainable Development.Springer Advances in Intelligent Systems and Computing (AISC) Series, Goa,during Aug 30-31,2018.
29. Dr. G. Kalpana and Z. SumaiyaTasneem presented a paper entitled “A Fixed Point approach on Bipolar Neutrosophic Soft Metric Space” in the “National Conference on Mathematical Analysis and Computing 2018” Organized by Department of Mathematics, SSN College of Engineering, Kalavakkam
30. Dr. G. Kalpana and Z. SumaiyaTasneem presented a paper entitled “Common Fixed Point Theorems in  $C^*$ -algebra-valued Hexagonal b-metric Spaces” in the “National Conference on Mathematical Analysis and Computing 2018” Organized by Department of Mathematics, SSN College of Engineering, Kalavakkam