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Qualification : M.Sc., M.Phil., Ph.D.
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Area of Specialization : Stochastic Processes & Mathematical Modelling
Subject Handled in UG : 1. Engineering Mathematics-I
2. Engineering Mathematics-II
3. Transforms and PDE
4. Probability and Queueing Theory
5. Numerical Methods
6. Discrete Mathematics
7. Probability and Statistics
8. Statistics and Numerical method
Journal Published : International: 25 National: --

1. "Stanislaw Marcin Ulam Stability Of Additive Functional Equation", South East Asian Journal of Mathematics and Mathematical Sciences, (2023), SCOPUS, (accepted).
2. "Hyers Stability Of AQC Functional Equation", South East Asian Journal of Mathematics and Mathematical Sciences, (2023), SCOPUS, (accepted).
3. "Direct and Fixed-Point Stability-Instability of Additive Functional Equation in Banach and Quasi-Beta Normed Spaces" Symmetry, pp 1700 (2022), SCOPUS, SCIE.
4. "Hyers stability of additive functional equations in Banach space", Springer proceedings in Mathematics and statistics, Vol. 344, Page No. 79-94,2021.

5. **"Generalized Ulam-Hyers Stability of Complex additive Functional Equation", Journal of Physics, Conference Series, 1377 (2019) 012011,doi:10.1088/1742- 6596/1377/1/012011 .**
6. **" A Comparative Study Of Artificial Neural Network Architectures And Support Vector Machine Using Cancer Data ",International Journal of Current Research and Modern Education, Volume 3, Issue 1, Page: 63-67, 2018**
7. **"A Fuzzy Neural System for water quality prediction ",International review of Fuzzy Mathematics, Vol 12, No.1, pp.98-111, June 2017.**
8. **"Automated Classification of Tuberculosis by PSO based Machine Learning using Chest Radiographs ", International Journal of Engineering Research & Technology, Vol. 5 Issue 10, Page:405-411, October-2016.**
9. **"A comparative study of artificial neural network architectures and cox proportional hazard model using heart attack data ", Journal of Chemical and Pharmaceutical Sciences, Volume 9, Issue 3, Page:2339-2343, July-Sep2016.**
10. **"Detecting outliers in multivariate data", European Journal of Pharmaceutical and Medical Research, Volume 3, Issue 7, Page:451-456, June 2016.**
11. **"Software reliability analysis using life time distributions", ARPN Journal of Engineering and Applied Science, Volume 11, Issue 1,Page: 566-569, January 2016.**
12. **"Data mining techniques for text mining", International Journal of Life Science and Mathematics, Vol-2(2), Page: 1-6, Feb-2015.**
13. **"Clinical trial data analysis using competing risk models", Global Journal for Research Analysis Vol-3, Page: 74-76, August 2014.**

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15. **“Non linear Regression Models for Heart Attack Data- An empirical Comparison “, Indian Journal of Applied Research, Vol- 4(6)Page:332-334, June 2014.**
16. **“Parametric regression models in analysis of breast cancer survival data “, International Journal of Science and Technology, Vol 3, No 3, March 2014.**
17. **“Analysis of Biological Sequence by Data mining “, CiiT International Journal of Biometrics and Bio Informatics, Volume 6- No1, Jan 2014, pp. 29-33.**
18. **“Comparative study of life time models in Analysis of survival data “, Indian Journal of Applied Research, , Vol 4, Issue 1, Jan 2014, pp.14-17.**
19. **“Analysis of Diabetics data by Data mining Techniques ”, CiiT International Journal of Data Mining and Knowledge Engineering, Volume 5- No.12, Dec 2013, pp.444-448.**
20. **“Analysis of Liver Cancer DNA Sequence data by Statistical Methods”, International Journal of Mathematics and Computer Application Research (IJMCAR), Vol.3. Issue 1, May 2013, pp.27-31.**
21. **“Analysis of Liver Cancer DNA Sequence data using Data Mining” , International Journal of Computer Applications (IJCA), Vol.61 ,No 3,Jan 2013, pp.23-25.**
22. **“Analysis of Liver Cancer DNA Sequence by Singular value Decomposition “, Journal of statistics sciences, Volume 4, No 2, July – Dec 2012 pp.131-135.**
23. **“A fuzzy inference system for air quality in Chennai “, Journal of Environmental Research and Development, August 2012.**

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25. "Assessing Water quality of Cauvery River with fuzzy inference system", Advanced in fuzzy sets and systems, Pushba Publishing House, June 2012.
26. "A Fuzzy inference systems for Pond water quality using Mat Lab ", Ultra Science of Physical Science, January 2012.
27. "Markov Chain Monte Carlo Methods in molecular computing" , International Journal of Imaging Science & Engineering (IJISE), 2007, Volume.1. No.2, p.65-67.
28. "A Markov Chain Monte Carlo Methods in Bayesian inference ", Recent Advances in Statistical Theory and Applications,2005,Vol.1,p.242-251

Paper Presented in

: International: 15 National: 7

Conferences

1. "Existence, Uniqueness, and Stability Analysis of the Complex-Valued Functional Equation in Banach Spaces", ICOMAA-2022 organized by University of Kalyani, 28-29 June 2022.
2. "Stability of additive functional equations in random normed spaces", ICMSEAT-2021 Organized by KPR Institute of Engineering and Technology, 22-23 December 2021.
3. "Intuitionistic fuzzy stability of additive functional equations originated from characteristic polynomial of degree three", ICMSEAT-2021 Organized by KPR Institute of Engineering and Technology, 22-23 December 2021.
4. "Classical approach to the stability analysis in Banach spaces for a AQC functional equation",27th ICIAPSMMAA (CONIAPSSXXVII) Organized by Central University of Kerala, 26-28 October 2021.

5. **“Stability of additive functional equation originating from characteristic polynomial of degree three”ICAMCS-2021 Organized by SSN College of Engineering, 12-13 February 2021**
6. **“On the stability of the general cubic functional equation in random normed spaces” BITMIT-2020 Organized by Bannari Amman Institute of Technology,18-19 December 2020**
7. **“On the stability of the general cubic functional equation in random normed spaces” BITMIT-2020 Organized by Bannari Amman Institute of Technology,18-19 December 2020**
8. **“Classical and Fixed Point Approach to the Stability of Generalized Cubic Functional Equation in Fuzzy Normed Spaces” , ICMS-20, organized by, Sathyabama Institute of Technology, 4-6 March 2020.**
9. **“Stability of Hyperbolic Type Functional Equation in Modular Spaces “, ICMCE-20, Organized by VIT University, Chennai Campus, 21- 22nd February 2020.**
10. **“Classification of Tuberculosis in Chest Radiographs by Deep Learning “,Recent Trends in Stochastic Modelling and its Applications (ICRTSMA-2020) at Manonmaniam Sundaranar University on December 11, 2019.**
11. **“Hyers Stability of Additive Functional Equation “, ICMAC-19 Organized by SSN College of Engineering ,23-24 December- 2019.**
12. **“Solution and Ulam Stability of Complex Additive Functional Equation in Banach Space “, ICMMCI-19 Organized by Alagappa University, 3-4 September 2019**
13. **“Prediction of water quality for lakes with fuzzy inference system “, Mathematical Techniques and its Application , conducted by SRM university,**

14. "A fuzzy Inference system for Vaigai river water quality using Matlab ", International Conference on Mathematics - A Global Scenario, conducted by D.G.Vaishnav College , Chennai, Dec 2012.
15. "A fuzzy Inference system for Palar river water quality using Matlab ", National Conference on Recent trends in Advanced Mathematics , conducted by Eswari Engineering College, Chennai, Nov 2012.
16. "A fuzzy inference system for water quality in Tamirabarani river using Matlab ", 5 th International congress of Environmental Research, conducted by University of Malaysia, Nov 2012.
17. "Poisson Noise removal from images by iterative shrinkage ", Recent trends in Statistics and Computer Applications, conducted by M.S.University ,2011 pp. 243-248.
18. "Applications of MCMC algorithms for exploring clinical trial data ", Recent trends in Statistics and Computer Applications, conducted by M.S.University , 2011 pp. 183-188.
19. "Weather forecasting using statistical methods " , Recent trends in Statistics and Computer Applications, conducted by M.S.University , 2011 pp. 151-156
20. "Comparison of reliability models for life time data ",Recent trends in Statistics and Computer Applications, conducted by M.S University,2011 pp. 163-170
21. "A Markov Chain Monte Carlo Algorithm for Multiple Imputation of Missing values ", Proceedings of NCMCM 2007, 257-264, Allied Publishers.
22. "A Markov Chain Monte Carlo Methods in Statistical inference ", Proceedings of the 9 th Islamic Countries Conference on Statistical Sciences 2007, ICCS-IX 12-14, Dec 2007, Page No.1003-1015.

No of Ph.D. Guided : Completed : 05

On Going : --

Books Published : 4