

Staff Name : Dr. N. JOSE PARVIN PRAVEENA

Faculty ID : TMA34

Designation : Associate Professor

Qualification : M.Sc., M.Phil., Ph.D.

Experience : 16 Years

Area of Specialization : Mathematics

Subject Handled in UG : 1. Engineering Mathematics- I
2. Engineering Mathematics - II
3. Transforms & Partial Differential Equations
4. Probabilty and Statistics
5. Discrete Mathematics
6. Numerical Methods
7. Statistics and Numerical Methods

Subject Handled in PG : 1. Applied Probability and Statistics
2. Applied Mathematics for Electronics Engineers
3. Business Statistics - I

Journal Published : International: 18 National: --

1. Travelling salesman problem through fuzzy numbers using dynamic programming *AIP Conference Proceedings, 2022, 2529, 020017, Scopus*
2. Nonagonal Neutrosophic Number and its Application in Optimization Technique, *International Journal of Neutrosophic Science, 19(2), 66-79, 2022, Scopus*
3. Critical Path Problem Through Intuitionistic Triskaidecagonal Fuzzy Number Using Two Different Algorithms, *Advances in Intelligent Systems and Computing , 1133, 159-167, 2021, SCOPUS*
4. Estimation Of Shortest Path Using Dynamic Programming Through

Neutrosophic Environment, Advances in Mathematics: Scientific Journal, Volume 9, Issue 10, Page: 7803-7809, October 2020, SCOPUS

- 5. Shortest path using dynamic programming through fuzzy numbers, AIP publications, Volume 2261, Issue 1, 030114-1-030114-9, October 2020, SCOPUS**
- 6. Fault tree analysis of single cylinder vertical diesel engine through Intuitionistic Tetra decagonal fuzzy numbers, AIP Publications, Volume 2261, Issue 1, 030115-1-030115-9, October 2020, SCOPUS**
- 7. Certain aspect of fuzzy differential equations in electric circuit problems, AIP Publications, Volume 2261, Issue 1, 030117-1-030117-9, October 2020, SCOPUS**
- 8. Critical path through Interval valued Hexagonal Fuzzy Number, International Journal of Innovative Technology and Exploring Engineering, Vol 8, Issue 1, 1190- 1193, September 2019, SCOPUS**
- 9. Application of Interval valued Hexadecagonal fuzzy number in Project Network, International Journal of pure and applied Mathematics, Vol. 117 No.14, 253-259, 2017, Scopus**
- 10. Sequencing Problem Using Hexadecagonal Fuzzy Number , Global Journal of Pure and Applied Mathematics, Volume 13, Issue 2 , 407-414, 2017, UGC**
- 11. Intuitionistic Hexadecagonal fuzzy numbers and its applications, Global Journal of Pure and Applied Mathematics, Volume 13, Issue 2 , 462-469, 2017, UGC**
- 12. Analysis of system failure of single cylinder vertical diesel engine using fuzzy fault tree through interval valued Hexadecagonal fuzzy number , Global Journal of Pure and Applied Mathematics, volume 13, Issue 2 , 424-434, 2017, UGC**
- 13. A Study Of Decision Making Problems Using Hexadecagonal Fuzzy**

Relational Maps (HDFRMS) , International Journal of Pure and Applied Mathematics, Volume 113, Issue 12, 89 – 97, 2017, Scopus

- 14. Hexadecagonal Fuzzy Number", Global Journal of Pure and Applied Mathematics, volume 13, Issue 2 , 221-225, 2017, UGC**
- 15. Fuzzy Analysis Of Happiness Through Religious People By Using Triangular Fuzzy Cognitive Maps(TrFCMs) , Global Journal of Pure and Applied Mathematics, volume 12, Issue 2 , 221-225, 2016- UGC**
- 16. Application Of New Decagonal Combined Overlap Fuzzy Cognitive Maps, Global Journal of Pure and Applied Mathematics, volume 12, Issue 2 , 268-272, 2016- UGC**
- 17. A New decagonal Fuzzy Cognitive Maps (Dg FCM) Tool to analyze the Happiness of an Individual through the religion ", International Journal of Applied Engineering Research, Volume 10, Issue 80 , 39-43, 2015-Scopus**
- 18. A New Analysis of happiness through religion using decagonal Fuzzy numbers and the application of Hungarian method ", International Journal of Applied Engineering Research, Volume 10, Issue 80 , 44-48, 2015-Scopus**

**Paper Presented in : International: 03 National: 01
Conferences**

- 1. Research on symptoms of Covid - 19 using new Trapezoidal combined overlap fuzzy cognitive Maps, Conference on Mathematical Sciences and applications in Engineering, Hindustan Institute of Technology and Science, 09-10 Dec 2021.**
- 2. Fault tree Analysis of Single Cylinder Vertical Diesel Engine through Intuitionistic Tetradecagonal Fuzzy Numbers, ICAAM-20, organized by Bharathiyar University, Coimbatore, 21-22 Feb 2020.**
- 3. Shortest path using Dynamic Programming through Fuzzy Numbers,**

ICAAM-20, organized by Bharathiyar University, Coimbatore, 21-22 Feb 2020.

- 4. Critical Path Problem Through Intuitionistic Triskaidecagonal Fuzzy Number using Two different Algorithms” AIDE-19, organized by N.M.A.M Institute of Technology, Karnataka, 23-24 May 2019**

Google Scholar ID : <https://scholar.google.co.in/citations?user=nONVgewAAAAJ&hl=en>