


Sri Sai Ram Engineering College
Department Of Humanities And Sciences

<p><i>Name : Dr. G. NIRMALA</i></p>	
<p><i>Designation :</i></p>	<p><i>Associate Professor</i></p>
<p><i>Qualification :</i></p>	<p><i>M.Sc., M.Phil., Ph.D.</i></p>
<p><i>Area of Specialization:</i></p>	<p><i>Fuzzy decision theory</i></p>
<p><i>Experience :</i></p>	<p><i>Teaching : UG : 16 yrs 4 months 13 days</i></p> <p><i>PG : Nil</i></p> <p><i>Industry : Nil</i></p>
<p><i>No. of Workshop / Conferences / FDP attended:</i></p>	<p><i>5</i></p>
<p><i>Publication :</i></p>	<p><i>Journal</i></p> <p><i>National : Nil</i></p> <p><i>International : 13</i></p>
<p><i>Conference:</i></p>	<p><i>Conference</i></p> <p><i>National : 2</i></p> <p><i>International : 2</i></p>
<p><i>Research Guidance :</i></p>	<p><i>Nil</i></p>
<p><i>General :</i></p>	<p><i>Nil</i></p>
<p><i>Staff Achievements</i></p>	<p><i>Produced 100% results several times.</i></p>

Educational Qualification:

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.S.c.	Mathematics	2003	Govt. Arts College	Periyar University	84 %	I
PG	M.S.c.	Mathematics	2005	Loyola College	Madras University	90 %	I
PG	M.Phil.	Fuzzy theory / Mathematics	2006	Loyola College	Madras University	90 %	I
Ph.D.	Ph.D.	Fuzzy set theory	2019	Bharathiar University, Coimbatore	Bharathiar University, Coimbatore		

Academic Experience: As on 22.01.24

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
<i>Adhiyamman Engineering College</i>	<i>Lecturer</i>	<i>03.08.2006</i>	<i>12.04.2007</i>	-	8	10
<i>Rajalakshmi Engineering College</i>	<i>Lecturer</i>	<i>11.06.2007</i>	<i>22.02.2010</i>	2	8	11
<i>Sri Venkateswara College of Engineering & Technology</i>	<i>Lecturer</i>	<i>05.01.2011</i>	<i>31.05.2011</i>	-	4	25
<i>Sri Sai Ram Engineering College</i>	<i>Assistant Professor</i>	<i>06.06.2011</i>	<i>31-12-2019</i>	8	6	5
	<i>Associate Professor</i>	<i>1-1-2020</i>	<i>Till date</i>	4	0	22
Total				16	4	13

PUBLICATIONS

Journals:

1. *"Selection of plant location using consistent FAHP and Goal Programming Technique", International Journal of Recent Technology and Engineering, Volume 8, Issue -4S5, Dec 2019. DOI: 10.35940/ijrte.D1029.1284s519.*
2. *AHP based on Triangular Intuitionistic Fuzzy Number and its Application to Supplier Selection Problem", Materials Today – Proceedings 16(2019) 987-993.(Scopus Indexed)*
3. *"Fuzzy AHP- Goal programming Technique for selecting the best plastic waste management method", International Journal of Mathematics Trends and Technology", Volume 55, Number 6, (2018).*
4. *"AHP Based on Trapezoidal Linguistic Fuzzy Preference Relation", International Journal of Mathematics And Applications", Volume 6, Issue 1-A,(2018).*
5. *"Selecting best plastic recycling method using Trapezoidal fuzzy linguistic preference relation", International Journal of civil Engineering and technology, volume 8, Issue 7,2017.(Scopus Indexed)*

6. "Quality of online Shopping Websites in India: A study using Intuitionistic Fuzzy AHP", *Journal of Advanced research in dynamical and control system*, volume9, Number 4 2017.(Scopus Indexed)
7. "Triangular Intuitionistic Fuzzy AHP and its application to select best product of notebook computer", *International Journal of Pure and Applied Mathematics (IJPAM)*, ISSN 1311-8080, Volume 113, Number 10(2017).(Scopus Indexed)
8. "Fuzzy number Intuitionistic Fuzzy Analytic Hierarchy process", *Global Journal of Pure and Applied Mathematics (GJPAM)*, ISSN 0973-1768 ,Volume 12,Number 1(2016). (Scopus Indexed)
9. "Intuitionistic Fuzzy Analytic Hierarchy Process based on possibility degree", *International Journal of Pure and Applied Mathematics (IJPAM)*, ISSN 1311-8080 Volume 109, Number 9(2016).(Scopus Indexed)
10. "Distance-2 Irregular chromatic numbers for some graphs", *Journal of Physics: conference series*, 1724(2021)012026, IOP Publishing limited.
11. "Metaheuristic Deep Learning-Driven Wireless Communication Security Adaptation Using Multivariate Analysis of Variance (MANOVA)", Volume 2022, Article ID 8426997, Security and Communication Networks.
12. " An analysis comparing Traditional and Digital Marketing (Advertising) using Chi square test and Linear Regression model", 2022 1st International Conference on Computational Science and Technology (ICCST) (IEEE Publication), DOI:10.11.1109|ICCST55948.2022.10040352
13. " An analysis of COVID-19's Effect on Online Payments Using ANOVA", 2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS) (IEEE Publication), DOI:10.11.1109|ICPECTS56089.2022.10047731.
14. "Fuzzy AHP and its application to select the best factor for the success of e-commerce", *International Journal of Computer Science Trends and Technology (IJCST)* – Volume 11 Issue 3, May-June 2023, ISSN: 2347-8578.
15. "Algorithm for Finding Roman Dominating Number of Extended Duplicate Graph of Star Families", *International Journal for Modern Trends in Science and Technology*, 9(02): 11-13, 2023, I: <https://doi.org/10.46501/IJMTST0902002>.

Conferences:

1. *International Conference on Mathematical Modeling and Computational Methods in Science and Engineering*, Alagappa University, Karaikudi, India February 20-22,2017.
2. *National conference on Mathematical Techniques and their applications*, SRM

University, Kattankulathur, January 27 - 28, 2017.

- 3. National conference on "Emerging Trends in Mathematical Sciences- NCETMS 2016" S.A. Engineering College, Dec 22, 2016.*
- 4. National conference on Mathematical Techniques and their applications, SRM University, Kattankulathur, January 4- 5, 2016*
- 5. International conference on Emerging Trends in Intelligent Information and Applied Mathematics, Quide Milleth College, 7 & 8th Jan, 2020*

Workshops:

- 1. "One day workshop on exploration of optimization and fuzzy techniques using MATLAB" organized by Division of Mathematics, School of Advanced Sciences, VIT Chennai on March 12, 2016.*
- 2. One day workshop on " How to conduct the student induction program" conducted by AICTE on 20.09.2021*

FDP:

- 1. Attended FDP for the course "Introduction to Abstract and Linear Algebra" conducted by NPTEL- AICTE.*
- 2. Participated in ATAL online FDP on Sustainability Engineering conducted by Gaya College of Engineering, Gaya. from 17.08.2020 to 21.08.2020*
- 3. Participated in ATAL Online FDP on "ROAD - Response Effectiveness, Organising Self, Attitudinal Shift, Decision Making" from 23.11.2020 to 27.11.2020 at Manipal University Jaipur.*
- 4. Participated in FDP on Probability and queuing Theory conducted by Rajalakshmi Institute of Technology from 30.11.2020 to 04.12.2020*
- 5. Participated in ATAL Online FDP on "Blended learning and flipped classroom" conducted by VIT Vellore from 18.01.2021 to 22.01.2021*
- 6. Participated in ATAL Online FDP on "Learning Management system classroom" conducted by NITTTR from 15.03.2021 to 18.03.2021*
- 7. Attended FDP for the course "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 8.03.2021 to 12.03.2021.*
- 8. Attended FDP for the course "Online UHV Refresher1" conducted by AICTE on 30.08.2021 to 04.09.2021.*
- 9. Attended FDP for the course "Online UHV Refresher1-Part 2" conducted by AICTE on 30.08.2021 to 04.09.2021.*

10. *Participated in the One-Day Online Workshop on "How to Conduct the Student Induction (SIP) Program" on 20 th September, 2021 organized by All India Council for Technical Education (AICTE).*

ONLINE COURSES:

1. *Applied NPTEL Online Certification and awarded Gold medal for successfully completing the course "Introduction to Abstract and Linear Algebra" Funded by the Ministry of HRD, Govt. of India during August- October 2018.*
2. *Applied NPTEL Online Certification and awarded Elite certificate for successfully completing the course "Introduction to Probability and Statistics" Funded by the Ministry of HRD, Govt. of India during August- September 2018.*
3. *Spreadsheets for beginners using Google sheets, Coursera Project Network, 8.5.2020.*
4. *Introduction to calculus (Coursera), The University of Sydney, 6.06.2020*
5. *Introduction to complex analysis (Coursera), Wesleyan University, 29.07.2020*
6. *Applied NPTEL Online Certification and successfully completed the course "Basic Real Analysis" Funded by the Ministry of HRD, Govt. of India during Jan- April 2022.*
7. *Applied NPTEL Online Certification and successfully completed the course "Introduction to Topology" Funded by the Ministry of HRD, Govt. of India during Jan- April 2022.*

WEBINARS ATTENDED:

1. *Application of Fourier series and Laplace equation, Kaamadhenu Arts and Science college, 30th April.*
2. *Healthy womanhood in COVID-19, Sri Sairam engineering college, 4.07.2020.*
3. *Yogamum Magalir Manbum, Sri Sairam engineering college, 11.07.2020*
4. *Health care session- III on It's time to talk about an interactive session, Health and Yoga club of Sri Sairam Engineering college, 01.08.2020.*
5. *International webinar on Neutrosophic sets, SSN college of engineering, 3-08-2020 & 4.08.2020*
6. *"Application of queuing systems in telecommunications", Sri Venkateswara college of Engineering, Sriperumbudur, 06.08.2020.*

