Sri Sai Ram Engineering College

Department Of Humanities And Sciences

Name : **Ms. SARALADEVY R**	
Designation :	Assistant Professor
Qualification :	MSc., M.Phil., SET Qualified, LMISTE
Area of Specialization	MATHEMATICS
Experience :	Teaching : UG : 15 yrs PG : 2 yrs
	Industry : Nil
No. of Workshop / Conferences / FDP/ Webinar/ Seminar /Online courses attended	7/4/7/14/1/13 (46)
Publication :	Journal National : Nil International : 1
	Conference National : Nil International : 1
Patent:	2

Research Guidance :	Nil
General :	Nil
Staff Achievements	100% Result - in TPDE PQT, Mathematics – I & II

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.Sc.	Mathematics	1997	Bharathidasan Govt. College for Women	Pondicherry University	68%	I
PG	M.Sc.	Mathematics	2002	Madras Christian College	Madras University	71%	I
Ph.D.	M.Phil.	Mathematics	2009	Madras Christian College	Madras University	66%	I

Academic Experience: As on 31-03-2022

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Sairam Engineering College	Assistant Professor	01.06.2012	Till date	10	3	-
Dhaanish Ahmed college of Engineering	Lecturer	18.06.2007	29.05.2012	5	-	-
			Total	15	3	-

PUBLICATIONS

Journals:

1. Irregular set coloring of certain graphs, Journal of Physics conference series, doi:10.1088/1742-6596/1724/1/012032(2021)

2. Irregular set coloring of Star families, AIP Conference Proceedings, 2261, 030102(2020)/1.1063/5.0017033.

Conferences:

1. e-Conference on "Recent Advances for Innovative Research in Mathematics" held on 28th September, 2021 at Department of Mathematics & IQAC, Indira Gandhi Kala Mahavidyalaya, Ralegaon, Dist. Yavatmal in Collaboration with Department of Mathematics & IQAC, R. A. Arts, Shri. M. K. Commerce & Shri. S. R. Rathi Science College, Washim, Dist.

2. Irregular set coloring of certain graphs, Advancements in Applied Mathematics on 22nd November 2019 at S.I.V.E.T. College, Chennai-73.

3. "Applied Mathematics" (28&29 Jan 2010) at B.S. Abdur Rahman University.

4. Cryptography, Automata and Learning Theory on April 2009 at MCC.

Workshops:

1. Participated in A One day online National Level Workshop on "Role of Mathematics in Research" held on Jun 18, 2022organized by Vaagdevi College of Engineering, Bollikunta, Warangal Urban, Telangana,

2. A One day online National Level Workshop on "Graph theory using open source software

   held on 5/march/2022 by   Vellore Institute of Technology, Chennai

3. One Week Virtual International Lecture Workshop on "New Advances in Mathematical and Computational Sciences " (NAMCS-2021) Organized by Department of Applied Mathematics, Yogi Vemana University, Kadapa - 516005, A.P., INDIA during 13.09.2021 to 18.09.2021.

4. Attended online workshop on Universal Human Value on the theme "Inculcating Universal Human Values in Technical Education" during 24-28 August 2020 as organized by AICTE.

5. "Graph-A String that cuts across all disciplines" on July 2010 at Jeppiaar Engineering College.

6. Theory of computation and Graph theory on March 2009 at MCC.

7. "New trend in applied mathematics and its applications" on 2009 at Anand Institute of higher technology.

PATENT:
1. Application No.202041042185 A, Date of filing of Application :29/09/2020, Publication Date: 09/10/2020, Title of the invention : A Pedal Powered Foldable Bicycle For Enhanced Mobility
2. Application No.202141021169 A Date of filing of Application :10/05/2021, Publication Date : 11/06/2021, Title of the invention : Multi-Rotor Horizontal Wind Turbine

FDP:

1. Participated in the International FDP on " Innovative Mathematical Techniques in Research" held during 1st August - 6th August 2022 organized by Vellore Institute of Technology

2. Participated in the FDP on "Advanced Latex" on June 27 - 29 2022 at Vellore Institute of Technology

3. Attended AICTE Training And Learning (ATAL) Academy online FDP on "Learning Management System" form 15/3/2021 to 19/3/2021 at National Institute of Technical Teachers Training and Research.

4. Attended AICTE Training And Learning (ATAL) Academy online FDP on "Blended Learning and Flipped Classroom" from 18/1/2021 to 22/1/2021 at Vellore Institute of Technology.

5. Attended AICTE training and Learning Academy online FDP on "Ethics, Moral Values, Behavioral Science & Attitude" from 12/10/2020-16/10/2020 at College of Engineering, Trivandrum

6. "Queuing Theory" held at KCG college of Technology on 15th October 2014.

7. "Mathematical application in Bio-Medical signal processing" on 16-18 Feb 2012 at Karpagam College of engineering Coimbatore.

Seminar:

- International Seminar on Research Trends in Applied Mathematics organized by the Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai on 7/1/2020.

Webinar:

1. One day International Webinar on "Neoteric Development of Cosmology and Gravitational Theories" organized by Dept. of Mathematics and IQAC MMM, Darwha and Dept. of Mathematics, GCOEN, Nagpur on Dated 29th September, 2021.
2. "Fuzzy systems and Graph theory" on 17/6/2020 & 18/6/2020 at Holy cross College, Trichy.
3. "Residue theory and its application" on 12/6/2020 at G. Venkataswamy Naidu College, Kovilpatti
4. Applications of Mathematic in mechanical Engineering on 11/6/2020 & 12/6/2020 at KPR Institute of Engineering and Technology.
5. Mathematical methods in soft computing on 11/6/2020 at Hindustan College of Arts and Science.
6. Graphs from Commutative rings on 10/6/2020 at Presidency College, Chennai
7. Graph theory and fuzzy Models on 8/6/20 & 9/6/20 at Sridevi Arts and Science College, Ponneri
8. Recent Advancement of Fuzzy Theory on 9/6/2020 at Vel's University, Chennai.
9. Glancing Ramunujam's Mathematics on 8/6/2020 at Sir Thiyagaraya College, Chennai.
10. Innovation and research opportunities for faculty in new normal on 5/6/2020 at Women's Christian college, Chennai.
11. Graph Networks and Its Applications on 4.6.20 & 5.6.20 at Hindusthan College of Arts and Science.
12. Graph theory and Human factors in aviation on 3/6/2020 to 5/6/2020 at G. Venkataswamy Naidu College, Kovilpatti.
13. Key Issues in Research Methodology on 3/6/2020 at G.T.N Arts College.
14. Government Arts College for Men on 1/62020 at Nandanam, Chennai.

Online Courses:

1. Successfully completed Module 1: Orientation Towards Technical Education and Curriculum Aspects of National Initiative for Technical Teachers Training by AICTE in July 2021.

2. Successfully completed Module 2: Professional Ethics and Sustainability of National Initiative for Technical Teachers Training by AICTE on September 2022

3. Successfully completed Module 5: Technology Enabled Learning and LifeLong Self Learning of National Initiative for Technical Teachers Training by AICTE in July 2022.

4. Successfully completed Module 6 : Student Assessment and Evaluation of National Initiative for Technical Teachers Training by AICTE in July 2022.

5. Successfully completed Module 7: Creative Problem Solving, Innovation and Meaningful R & D of National Initiative for Technical Teachers Training by AICTE in July 2022.

6. NPTEL Online Certification course on "Computation Mathematics with sage maths" with ELITE funded by the Ministry of HRD, Government of India.

7. NPTEL Online Certification course on "Abstract Linear Algebra" with ELITE funded by the Ministry of HRD, Government of India.

8. Successfully completed edX-HarvardX Online Certification course on "Statistics and R" on 24/7/2020.

9. Successfully Completed Coursera Online Certificate course on The Sustainable Development Goals- A global, transdisciplinary vision for the future, University Of Copenhagen, 4/7/20.

10. Successfully Completed Coursera Online Certificate course on Covid-19 Contact Tracing, Johns Hopkins University, 31/5/2020

11. Successfully Completed Coursera Online Certificate course on Machine learning pipelines with Azure ML Studio, 29/5/2020.

12. Successfully Completed Coursera Online Certificate course on Mathematics for Machine Learning--Linear Algebra, Imperial College London, 23/5/2020.

13. Successfully Completed Coursera Online Certificate course on Leadership and Emotional intelligence Indian School of Business, 15/5/2020.

14. Successfully Completed Coursera Online Certificate course on Build a Linear Layout App In Android Studio, 14/5/2020

15. Successfully Completed Coursera Online Certificate Course on Create your First python program, 14/5/2020.

16. Successfully Completed Coursera Online Certificate course on Spread Sheet For Beginners using Google Sheets, 14/5/2020

17. Successfully Completed Coursera Online Certificate course on Data Science and Math Skills, 14/5/2020.

18. Successfully Completed Coursera Online Certificate course on Python for Data Science and Machine Learning Bootcamp, Udemy, 31.03.20.