

Name: Dr. S. PADMAPRIEA	Photo 			
Designation:	PROFESSOR			
Qualification:	M.Sc., M.Phil., Ph.D., SET Qualified			
Area of specialization:	Graph Theory			
Experience:	Industrial Experience		Teaching Experience	
	Nil		27 years 6 months	
Number of workshops / FDP attended:	Number of Workshops		Number of FDPs	
	13		10	
Publications:	Conference		Journal	
	National	International	National	International
	3	3	4	4
Books / Book Chapters	Nil			
Patents:	National		International	
	1			
Professional Body Membership	2			
Staff Achievements				

Educational Qualifications:

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.	MATHS	1994	C.K.N.C for Women	University Of Madras	92%	I
PG	M.Sc	MATHS	1996	C.K.N.C. for Women	University of Madras	75%	I
	M. Phil	MATHS	1997	LOYOLA	University of Madras	79%	I
	Ph.D.	Graph Theory	2018	D. B. Jain College	University of Madras	-	-

Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Sai Ram Engineering College	Senior Lecturer	25.06.2007	31.07.2011	4	1	7
	Assistant Professor	01.08.2011	17.06.2018	6	10	17
	Associate Professor	18.06.2018	31.05.2019	0	11	14
	Professor	01.6.2019	Till date	5	6	19
Madha Engineering College.	Senior Lecturer	22.01.2007	22.06.2007	-	5	-
Sri Muthukumaran Institute of Technology	Lecturer	16.07.1997	31.12.2006	9	5	15
				27	10	4

Workshops/Seminars attended:

1. One-day ICCE Workshop on Antimagic Labeling: From Graph Theory to Cryptography Organised by Department of Mathematics for Excellence. SIMATS Engineering. SIMATS, Thandalam, Chennai 602105, Tamil Nadu, India on 07.11.25.
2. One-day Workshop on Unleashing AI Tools for Research:A Comprehensive Guide and Practical Hands-on Introduction to 40 Specialized Applications organized by the Department of English in association with IEEE Professional Communication Society and English Literary Club of Sairam Institutions on 01.11.2023.

3. A two day online workshop on “An insight into Mathematical Modelling in Information and Communication Engineering - Version - 2” (MMICE - 2022) jointly organized by Department of Computer Science and Engineering and Department of Mathematics, SSN College of Engineering during January 27-28, 2022.
4. International Workshop on Graphs from Algebraic structures organized by the PG Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu in association with the Academy of Discrete Mathematics and Applications (ADMA) during October 7 - 9, 2021 in Virtual mode.
5. 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.
6. International online Workshop on Multivariate Analysis and its interpretation using SPSS organized by Global Institute of Statistical Solutions during 20-22 August 2021.
7. Five days International Workshop on Graph domination organized by the department of Mathematics, St. Paul's college, Kalamassery in association with the Ramanujan Mathematical Society during July 20 – 24, 2021.
8. A two day online workshop on “Fundamentals of MATLAB” organized by Department of Mathematics, Sri Shakthi Institute of Engineering and Technology, Coimbatore – 62, held on 10th and 11th December 2020.
9. Online workshop on Universal Human Value on the theme “Inculcating Universal Human Values in Technical Education” during 19-23 October, 2020 as organized by All India Council for Technical Education(AICTE).
10. Online One day National level online Technical Workshop on Matlab for Beginners organized by the Department of Mathematics, Government Arts and Science College, Thennangur on 20.6.2020.
11. Online National level one day workshop on “Queuing with retention of impatient customers” organized by Department of Science and Humanities Engineering held on 12th June 2020.
12. Two days Instructional work shop on “Graph Theory and Discrete Mathematics” held at Sri Sairam Institute of Technology during 20-21 August 2015.
13. Work shop on “Research Methodology and Latex” held at SSN during 19-20 April 2013.
14. One day workshop on “Fuzzy Logic and Queuing Theory held at Sri Sairam Institute of Technology” on 20 April 2012.

FDP/STTP Attended:

1. Five-Day Online Faculty Development Programme on "E-Content Development" organized by Department of Mathematics, Sri Visalakshi college for women and supported under DBT Star Status Scheme from 12 - 16 February 2024.
2. Five-Day Online Faculty Development Programme on "Mathematical Foundations for Data Science" conducted by Mathematics Division, Department of Science & Humanities, Jerusalem College of Engineering from 31.10.2022 to 04.11.2022
3. 5-day online Faculty Development Programme on “Leadership: An Essential Employability Skill for the 21st Century” organized by Department of Applied Sciences and Humanities, Rajkiya Engineering College, Mainpuri, India, from Sep 6-10, 2021.
4. One week Faculty Development Program on “Recent Trends in Applications of Mathematics (RTAM)” organized by Department of Freshman Engineering, Chadalawada Ramanamma Engineering College (Autonomous), Tirupati from 12th - 17th July 2021.

5. Five day Online International Faculty Development Program on “Education 4.0 The future ahead” organized by IQAC in association with Department of Science and Humanities, Sri Sairam Engineering College during 10-14 August 2020.
6. Two days Online Faculty Development Program on Integrating SWAYAM MOOCs & Educational Apps in Teaching organized by IQAC & SWAYAM, SDNB Vaishnav College for women on 28.05.2020 & 29.05.2020.
7. “Online FDP on MA8551 Algebra and Number theory” organized by the Department of Mathematics, Ramco Institute of Technology, Rajapalayam during 26th & 27th of May’20.
8. Online Faculty Development program on Graph theory –A research view, Nirmala college for women, Coimbatore on 26.05.2020.
9. Six days Faculty Development Training Programme on MA 8551-Algebra and Number Theory conducted by the department of Mathematics at Sri Sairam Institute of Technology from 10.6.2019 to 15.06.2019.
10. Completed all 8 modules of NITTTR.

Symposium Attended: 0

Conference Attended:

1. 2024 International Conference on Communication Computing & Internet of Things (IC3IoT-2024) held in Sri Sairam Engineering college on 17" and 18" April 2024.
2. International conference on Theoretical Computer Science and Discrete Mathematics (ICTCSDM 2016) during December 19-21, 2016.
3. International Conference on Graph Theory and its Applications held in Amrita School of Engineering during December 16-19, 2015.
4. India Taiwan Conference on Discrete Mathematics held at IIT Madras during 10-13, July 2015.
5. International Conference on Theoretical Computer Science and Discrete Mathematics held at SSN college of Engineering during December 8-10, 2014.
6. International conference on Mathematical Computer Engineering – 2013 at VIT, Chennai during November 29-30, 2013.
7. National conference on Labelings and Decomposition of graphs at Madura College during August 29-30, 2013.
8. Indo-Slovenia Conference on Graph Theory and Application at University of Kerala from 22-24 February 2013.
9. National conference on Recent Trends in Advanced Mathematics at Easwari Engineering College on 7.12.2012.
10. Second India-Taiwan Conference on Discrete Mathematics at Amrita University from 8 -11 September 2011.
11. National conference on Recent Trends in Advanced Mathematics at Easwari Engineering College on 05.10.2010.

Completed / Ongoing Projects: Nil

Patent: 1- IMPACT OF ORGANIZATIONAL CULTURE ON EMPLOYEE’S JOB

Journal Publications:

1. P. Roushini Pushpam and S.Padmapriya, Forcing Roman domination in Circulant graphs and Grid graphs, Discrete Mathematics, Algorithms and Applications,
2. P. Roushini Pushpam and S.Padmapriya, Roman domination value in graphs, Communications in Combinatorics and Optimization, 1-14
3. Dr. PA. Shanthy, Dr. S.Padmapriya, Sachet K, Livinsh L, Tharun AK, Heart Disease Detection Using Classification and Prediction Models, | 979-8-3503-5268-9/24/\$31.00 ©2024 IEEE | DOI: 10.1109/IC3IoT60841.2024.10550425.
4. P. Roushini Pushpam and S.Padmapriya, Forcing Roman Domination in graphs, Asian Journal of Mathematics and Computer Research, 2018, Vol. 25, 441- 453.
5. P. Roushini Pushpam and S.Padmapriya, On Total Roman Domination in graphs, Lecture Notes in Computer Science 2017, 10398 : 326- 331.
6. P. Roushini Pushpam and S.Padmapriya, Global Roman Domination in graphs, Discrete Applied Mathematics, Vol. 200, February 2016, 176-185.
7. P. Roushini Pushpam and S.Padmapriya, Restrained Roman Domination in graphs, Transactions on Combinatorics, Vol.4, Issue 1, March 2015, pp. 1-17.

Books / Book Chapters: 0

Awards: Nil

Startup: Nil

Webinar:

1. “National Webinar on ‘Coding Theory’” organized by the Kaviyatri Bahinabai Chaudhari North Maharashtra University, Jalgaon in collaboration with Indian Institute of Information Technology, Lucknow during September 21-23, 2021.
2. International Seminar on “Contemporary Research in Graph Theory” Organized by IQAC and Department of Mathematics and Statistics, Shri Shankarlal Sundarbai Shasun Jain College for women, Chennai on 3rd March 2021.
3. Webinar on “Applications of Mathematics” Organized by Department of Mathematics, Sethu Institute of Technology, Pulloor - Kariapatti held on 30.12.2020.
4. “International Webinar on Bridging Mathematics Concepts to Industrial Problems” organized by the Department of Mathematics, SMK FOMRA Institute of Technology, Chennai, held on 28.11.20.
5. One day Webinar on “Group Theory” on 7.11.2020 conducted by the department of Mathematics, Sri Sairam Engineering College, Chennai.
6. One day Webinar on “Applications of Rough Sets in Data Analysis” on 31.10.2020 conducted by the department of Mathematics, Sri Sairam Engineering College, Chennai.
7. One day Webinar on “Vedic Mathematics” on 27.10.2020 conducted by the department of Mathematics, Kongu Engineering College, Perundurai, Erode-638060 .
8. One day Webinar on “Mathematics in AICTE thrust areas” on 10.10.2020 conducted by the Department of Mathematics, Sri Sairam Engineering College, Chennai.

9. One Day Webinar on “How can I improve the Quality of My Performance” by Dr. G Venkatesh Kumar, Dean, Faculty of Science & Technology and Professor of Psychology, University of Mysore, Mysuru held on 6th Aug 2020.
10. Webinar on Linear Programming problem: An Introduction and Application, organized by the department of Mathematics, Sri Ramakrishna Institute of Technology, Coimbatore on 20.6.2020.
11. National Webinar on 'Recent Advancements in Graph Theory' organized by Department of Mathematics, Hemchandracharya North Gujarat University, Patan on 16.6.2020.
12. “One Day National Webinar on Graph Theory” on 12.06.2020 organized by the PG & Research Department of Mathematics, Government Arts College (Grade-1), C.Mutur, Chidambaram - 608 102.
13. Webinar on “Teaching Aptitude for Graduates” on 11-6-2020 conducted by the Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai.
14. International Webinar on Recent Advances in Graph theory, organized by the school of Mathematics, Alagappa University, Karaikudi from 29.5.2020 to 30.5.2020.
15. One day webinar on Graphs In Life, organized by the Department of Mathematics, Don Bosco College of Arts and Science, Keela, Eral, Thoothukudi on 29.05.2020.
16. Webinar on “A GEOMETRIC APPROACH TO LINEAR ALGEBRA” Organized by the Department of Mathematics (SS), Ethiraj College for Women, Chennai, held on 28th May 2020.
17. International Webinar on the topic “Teaching techniques of Engineering Mathematics through online tool” on 27.5.2020 organized by SNS college of Technology, Coimbatore.
18. MEDHA Webinar Series on “Domination in Graph Theory and Applications” organized by the PG Department of Mathematics, in association with IQAC, Devaswom Board College, Thalayolaparambu, Kottayam, Kerala on 23th May 2020.
19. Webinar on Introduction to Graphs from Algebraic structures organized by the PG Department of Mathematics, GTN College, Dindigul on 22.5.2020.
20. Two day International Webinar on ‘Recent research Topics in Graph Theory’ organized by the PG & Research Department of Mathematics, MES Mampad College (Autonomous) during 20-21 May 2020.

Short time training program:

1. Online Orientation training program for Mentors organized by AICTE, New Delhi from 5-9, July 2021.
2. One week National Level Online Short Time Training Program on "MATLAB for ALL" during 04th June to 8th June 2020 organized by the Department of Electrical and Electronics Engineering, SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY, Bangalore-562157.

Resource Person: Nil

Online Courses:

1. successfully completed “Theory of computation” funded by the Ministry of HRD, Government of India, 8 weeks, Jul - Sep 2025.
2. Successfully completed “Programming, Data structures and Algorithms using Python”, funded by the Ministry of HRD, Government of India, 8 weeks, Jan - Mar 2025.
3. Got Elite in NPTEL online Certification course on “ Modern Algebra ” funded by the Ministry of HRD, Government of India, 8 weeks, Jul - Sep 2024.

4. Got Elite with Silver Medal certificate with topper in NPTEL online Certification course on “ Linear Algebra Through Geometry ” funded by the Ministry of HRD, Government of India,8 weeks, Jul - Sep 2024.
5. Got Elite with Silver Medal certificate with topper in NPTEL online Certification course on “ Discrete Mathematics ” funded by the Ministry of HRD, Government of India, 12 weeks, Jan - Apr 2024.
6. Got Elite with Silver Medal certificate in NPTEL online Certification course on “ Graph Theory ” funded by the Ministry of HRD, Government of India, 12 weeks, Jan - Apr 2024.
7. Successfully completed Probability and Statistics: To p or not to p? offered by University of London through Coursera, 13.05.2020.
8. Successfully completed Statistics and R offered by Harvard X through edx. 08.02.2020.
9. Got Elite with Gold Medal certificate in NPTEL Online Certification course on “Advanced Graph Theory” funded by the Ministry of HRD, Government of India, 8 weeks, Feb-Mar 2018.