

Sri Sai Ram Engineering College

Department Of Humanities And Sciences

Name : Dr. PA. SHANTHI



Designation :

Associate Professor

Qualification

M.Sc., M.Phil., Ph.D.

Area of Specialisation:

GRAPH THEORY

Experience :

Teaching : UG : 21 yrs 06 months

PG : 14 yrs

Industry : Nil

No. of Workshop / Conferences / FDP attended

13

Publication :

Journal

National : Nil

International : 1

	<p><i>Conference</i></p> <p><i>National : Nil</i></p> <p><i>International : 2</i></p>
<i>Research Guidance :</i>	<i>Nil</i>
<i>General :</i>	<i>Nil</i>
<i>Staff Achievements :</i>	<ul style="list-style-type: none"> ● <i>Produced 100% results for five times. Co-ordinated as cultural co-ordinator for S&H cultural activities.</i> ● <i>SDG department Coordinator coordinated SDG IDEATHON in collaboration with Innovation Cell</i> ● <i>Resource person for guest lecture at Fomra Engineering College</i>

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
<i>UG</i>	<i>B.Sc.</i>	<i>Mathematics</i>	<i>1999</i>	<i>Ethiraj College</i>	<i>University of Madras</i>	<i>-</i>	<i>I</i>
<i>PG</i>	<i>M.Sc.</i>	<i>Mathematics</i>	<i>2001</i>	<i>Ethiraj College</i>	<i>University of Madras</i>	<i>-</i>	<i>Ist & distinction</i>
	<i>M.Phil.</i>	<i>Mathematics</i>	<i>2003</i>	<i>Madurai Kamaraj University</i>	<i>Madurai Kamaraj University</i>	<i>-</i>	<i>II</i>
	<i>Ph.D.</i>	<i>Graph Theory</i>	<i>2018</i>	<i>DB Jain College</i>	<i>University of Madras</i>		

Academic Experience: As on 31-07-2023

Name of the College	Designation	Joining Date	Relieving Date	Experience			
				Years	Months		
Sri Sai Ram Engineering College	Associate Professor		18-6-2018	Till date	5	1	-
	Senior Lecturer		21-08-2008	17-6-2018	9	10	5
	Lecturer	03.05.2006	20-8-2008	2	3		
Thangavelu Engineering College	Lecturer	06.02.2002	31.05.2004	2	4		
Adhiparaskathi Engineering College	Lecturer	02.06.2004	02.05.2006	1	11		
Total	19	29			21		

PUBLICATION

Journals:

1. "Changing and Unchanging in m - Eternal Total domination in graphs" Published in International Journal of Electronic Notes in Discrete Mathematics (2016).
2. " m -Eternal Total domination in graphs" Published in International Journal of Discrete Mathematics and algorithm and applications (2016).
3. " m -eternal Total Bondage number of a graph" published in International Journal of Pure and Applied Mathematics.
4. " M -Eternal Total Domination in Human Chain Graphs" published in AIP Proceedings.

Conference:

1. National conference on Recent Trends in Advanced Mathematics at Easwari Engineering College on 05.10.2010.
2. National conference on Recent Trends in Advanced Mathematics at Easwari Engineering College on 07.12. 2012.

3. *Indo-Slovenia Conference on Graph Theory and Application at University of Kerala from 22-24 February 2013.*
4. *National conference on Labeling and Decomposition of graphs at Madura College during August 29-30 2013.*
5. *International conference on Mathematical Computer Engineering – 2013 at VIT, Chennai during November 29-30, 2013.*
6. *International Conference on Theoretical Computer Science and Discrete Mathematics held at SSN college of Engineering during December 8-10, 2014.*
7. *India Taiwan Conference on Discrete Mathematics held at IIT Madras during 10-13, July 2015.*
8. *International conference on Mathematical Computer Engineering – 2015 at VIT, Chennai during December 15-16, 2015.*
9. *International Conference on Graph Theory and its Applications held in Amrita School of Engineering during December 16-19, 2015.*
10. *International conference on Theoretical Computer Science and Discrete Mathematics (ICTCSDM 2016), Kalasalingam University, Srivilliputtur, during December 19-21, 2016.*

Workshops:

1. *One day workshop on “Fuzzy Logic and Queuing Theory held at Sri Sairam Institute of Technology” on 20 April 2012.*
2. *Work shop on “Research Methodology and Latex” held at SSN during 19-20 April 2013.*
3. *Two days Instructional work shop on “Graph Theory and Discrete Mathematics” held at Sri Sairam Institute of Technology during 20-21 August 2015.*

FDP : NIL

- 1) Attended five days FDP on NITTTR mentor.**
- 2) FDP on Multivariate Analysis.**
- 3) FDP Conducted by SIRD(State Institute of Rural Development)**
- 4) FDP on Mathematical Foundation for Data Science conducted by Jerusalem Engineering College.**

ONLINE COURSES:

1. *The Sustainable Development Goals – A global, transdisciplinary vision for the future*
2. *Feminism and Social Justice*
3. *Write Professional Emails in English*
4. *Psychological First Aid*
5. *Spreadsheets for Beginners using Google Sheets*
6. *Robotic process automation*
7. *Statistics and R (EDX course)*