




**Faculty Profile**

Name	:	Dr.P.Shyamala Anto Mary				
Date of Birth	:	09/05/1985				
Highest Qualification	:	Ph.D				
Date of Joining	:	10/07/2023				
Designation	:	Assistant Professor				
Date of promotion (Present Designation)	:	-				
Area of Interest	:	Graph Theory				
Mobile No	:	9655136184	Email ID	:	Shyamalaantomary.p@trp.srmtrichy.edu.in	
Experience	:	Teaching :	14 years	Industry :	- Research : -	
Address (for Communication)	:	2-107/A, South Street, Kavarpalai, Kengavalli, Salem -636 116.				

**Association with Professional Bodies**

Name (Professional Body)	International Association of Engineers	Scientific International Publishing House	New Research and Innovation Society	
Type of Membership and No.:	Member 304506	Professional SIPH2022070	Life Member LM_051	

**Research**

Ph. D Guidance					
Supervisor / Guide ship No. :	-	University :	-	No. of Scholars :	-
Publication*					
International Journals :	10	National Journals :	-		
International Conference :	-	National Conference :	-		
Project Grants (Research projects guided or undertaken/ Sponsored Projects)					
Received (Amount) :	-	Applied (Amount) :	Rs.18,00,000		
Patent					
Published :	4	Granted :	-		

**Books**

Published :	1	Book Chapter:2
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**FDPs / STTPs / Workshops / Seminars etc.,**

FDP		STTP		Workshop		Seminar		Others	
Attended :	25	Attended :	1	Attended :	15	Attended :	10	Attended :	-
Organized :	-	Organized :	-	Organized :	-	Organized :	4	Organized :	-

Online courses (NPTEL, MOOC etc.)	5 (1 NPTEL Course Ranked Topper with Elite Gold)	1
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**\*List of Publications :**

10. P.Thangavel, **P.Shyamala Anto Mary**, M.Ramesh Kannan, K.Deiwakumari" Enhancing Data Security In Multi-Cloud Settings With Homomorphic Encryption: Concepts, Uses, And Obstacles" *Educational Administration: Theory and Practice*, Vol.30 (4), pp-7347-7353, 2024, ISSN: 2148-2403.
9. P. Thangavel, **P. Shyamala Anto Mary**, G. Kavitha, K. Deiwakumari "Graph Theory And Network Analysis: Exploring Connectivity In Computer Science" *Journal of Namibian Studies*, Vol.35, pp-4884-4899, 2023, ISSN: 2197-5523.
8. Accepted a paper entitled "**Cocoa Pod Disease Detection based on Convolutional Neural Network for healthy landscape**" published by AIP Conference proceedings.
7. **P.Shyamala Anto Mary**,K.Deiwakumari , G.Kavitha , P.Thangavel ,G. Prabhakaran "Global rebellion Chromatic Number Applications and Some Interesting Graphs", *European Journal of Molecular & Clinical Medicine*, Volume 9, Issue 7, pp.: 4683-4688, 2022, ISSN 2515- 8260.
6. **P.Shyamala Anto Mary**, M.Ananthi, "Characterizing of accurate total defensive alliance in graph theory" *Journal of Education: Rabindra Bharati University*, Volume XXIV, No.:1(XII), pp.:107-111, 2022, ISSN 0972-7175.
5. **P.Shyamala Anto Mary**, P.Thangavel, "AID- Alliance in graphs: Parameters and applications- A Survey" *Journal of Education: Rabindra Bharati University*, Volume XXIII, No.:12(IV), pp. 148-154, 2021, ISSN 0972-7175.. (UGC- CARE Listed Journal).
4. **P.Shyamala Anto Mary**, V. Mohanaselvi, "Accurate rebellion number in graphs", *International Journal of Pure and Applied Mathematics*, Volume -113, No.:10, 2017, ISSN1311-8080.
3. **P.Shyamala Anto Mary**, V. Mohanaselvi, "A Study on Total Rebellion Number in Graphs", *Journal of Informatics and Mathematical Sciences*, Vol.9, No.3, pp.765–773, 2017, ISSN0975-5748.
2. **P.Shyamala Anto Mary**, V. Mohanaselvi, "On independent rebellion number in graphs", *The Asian International Journal of Life Sciences*, Supplement14, Number1, March2017, P.no.59-68, ISSN 0117-3375.

1. **P.Shyamala Anto Mary**, V. Mohanaselvi, “The rebellion number in graphs”,  
*International Journal of Scientific & Engineering Research*, Volume 7, Issue5, May2016,  
P.no.56-62, ISSN 2229- 5518.

**Patent Publication:**

4. “**Labeling techniques in fault-tolerant computing systems: theoretical foundations and Applications**” Patent Published on 24.11.2023, Patent No. 202341067237A.

3.“**The Theoretical Framework and Applications of Labelling Strategies in Communication Networks**” Patent published on 01.09.2023.

2. “**A Study on different Rebellion Number For Simple graphs and it’s Tight Bounds**”  
Patent published on 13.01.2023.

1.“**Graphic Partitioning approach by sequencing small graphs**” Patent published on  
05.11.2021.

**Book Chapter:**

2. Published a book chapter entitled on “Algorithms & Applications AID Alliance in Graphs”  
in the text Title on “**Some Recent Topic in Theory of Graphs and Its Applications**”, Scientific  
International Publishing House, Mannargudi, (ISBN: 978 – 93 – 5625 – 425 – 1)

1. Published a book chapter entitled on “Accurate Total defensive Alliance in Graphs” on **Some  
Recent Topic in Theory of Graphs and Its Applications**”, Scientific International Publishing  
House, Mannargudi, (ISBN: 978 – 93 – 5625 – 425 – 1)

**Book:**

Published a book entitled on “ Graph Theory”, Scientific International Publishing House,  
Mannargudi, ( ISBN: 978 – 93 – 5762 – 681 - 1)