


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):		Assistant Professor					
Area of Interest	:	Graph Theory					
Mobile No	:	9655136184	Email ID:	Shyamalaantomary.p@trp.srmtrichy.edu.in			
Experience	:	Teaching:	14 years	Industry	-	Research:	-
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Association with Professional Bodies

Name(Professional Body)	International Association of Engineers	Scientific International Publishing House		
Type of Membership	Member	Professional		

Research

Ph.D Guidance					
Supervisor /Guide ship No.:	-	University:	-	No.of Scholars:	-
Publication*					
International Journals :	7	National Journals :	-		
International Conference :	-	National Conference:	-		
Project Grants(Research projects guided or undertaken/Sponsored Projects)					
Received(Amount) :	-	Applied(Amount) :	-		
Patent					
Published :	3	Granted :	-		

Books

Published :	2(Book Chapters)
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FDPs/STTPs/Workshops/Seminar setc.,

FDP		STTP		Workshop		Seminar		Others	
Attended:	17	Attended:	1	Attended:	10	Attended:	8	Attended:	-
Organized:	-	Organized:	-	Organized:	-	Organized:	3	Organized:	-

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

1. Published a paper entitled “**The rebellion number in graphs**”, *International Journal of Scientific & Engineering Research*, Volume 7, Issue5, May2016, P.no.56-62, ISSN 2229-5518. (UGC- CARE Listed Journal).
2. Published a paper entitled “**On independent rebellion number in graphs**”, *The Asian International Journal of Life Sciences*, Supplement14, Number1, March2017, P.no.59-68, ISSN 0117-3375. (SCI)
3. Published a paper entitled “**A Study on Total Rebellion Number in Graphs**”, *Journal of Informatics and Mathematical Sciences*, Vol.9, No.3, pp.765–773, 2017, ISSN0975-5748. (UGC- CARE Listed Journal).
4. Published a paper entitled “**Accurate rebellion number in graphs**”, *International Journal of Pure and Applied Mathematics*, Volume -113, No.:10, 2017, ISSN1311-8080.
5. Published a paper entitled “**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).
6. Published a paper entitled “**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.(UGC- CARE Listed Journal).
7. Published a paper entitled “**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.(WOS)

8. 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)
9. 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)
10. “**Graphic Partitioning approach by sequencing small graphs**” Patent published on 05.11.2021.
11. “**A Study on different Rebellion Number For Simple graphs and its Tight Bounds**” Patent published on 13.01.2023.
12. “**The Theoretical Framework and Applications of Labelling Strategies in Communication Networks**” Patent published on 01.09.2023.
13. Published a paper entitled "**Graph Theory And Network Analysis: Exploring Connectivity In Computer Science**" *Journal of Namibian Studies*, Vol.35, pp-4884-4899, 2023, ISSN: 2197-5523(SCOPUS)

