PROFILE		
Name	:	Dr. P.Geetha
Designation	:	Assistant Professor (SS)
Department	:	Mathematics
Educational Qualification	:	M.Sc., M.Phil., Ph.D
Area of Interest	:	Number Theory Differential Equations
Teaching Experiences	:	16 years
Publications :	:	**Web of Science :** 1. **Xiao Xin, N. Subashini Narayanamoorthy, P. Geetha, S. M. Chithra, C. T. Nagaraj,M. Premkumar and A. Jyothi Bala,** Pulsatile flow of biviscous fluid through a tube of varying cross-section, in the Journal "Modern Physics Letters B,"which has been published by World Scientific Publ Co Pte Ltd, Singapore. ISSN(print):0217 – 9849/ ISSN(online) : 1793 – 6640. June 2023. https://doi.org/10.1142/S0217984923410051 **SCIE, Impact factor : 1.948** https://www.worldscientific.com/doi/10.1142/S0217984923410051.

Scopus Indexed :
1. **S. Dilip Jose, K. Selvaraj, P. N. Sudha, P. Geetha and D. Lakshmikaanth,** Heat And Mass Transfer Effects On Parabolic Flow Past An Accelerated Isothermal Vertical Plate In The Presence Of Chemical Reaction And Hall Current, JP Journal of Heat and Mass Transfer© 2023Pushpa Publishing House, Prayagraj, India.
http://www.pphmj.com http://dx.doi.org/10.17654/0973576323042
Volume 35, 2023, Pages 55-74 P-ISSN: 0973-5763. October 2023.
2. **P. Geetha, A. Gnanam, S. Suseela,** Unitary Partition Algorithm in Shortest Path Problems, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-3. September 2019.
3. **P. Geetha, A. Gnanam,** Solving Assignment Problems using Consecutive Integers with Residue Partitioning, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8, Issue-10S,
August 2019.

International:
1. **P.Geetha,** The Sextuple Complete Partitions Of Integers, Mapana Journal of Sciences- Recent Developments In Pure And Applied Mathematics, Vol. 22 No. Special Issue (2023): ISSN: 0975-3303. July 2023.(UGC CARE Group – 1)
DOI: https://doi.org/10.12723/mjs.sp1.15
https://journals.christuniversity.in/index.php/mapana/issue/current
2. **P. Geetha, S. Dilip Jose, B. Sridevi,** Partitioning Into Consecutive Square Integers, Journal of Data Acquisition and Processing, ISSN: 1004-9037, April 2023. https://sjcjycl.cn/ DOI: 10.5281/zenodo.776812, Vol. 38 (2) 2023, 1812-

		1819.
		3. **P. Geetha, P.N.Sudha, B. Sridevi,** Consecutive Partitioning into Prime Integers with First part one, **Shodhasamhita**: Journal of Fundamental & Comparative Research, ISSN NO: 2277-7067, Volume X, No. 1(IV): April 2023. Page No. 57 – 60 (Print only).

4. **P. Geetha, Vivedha. S Ashwin .K, Ayesha Umma Hani. L, Subashini.V, Jayalakshmi .S, Matharasi Regina. T,** A Study on Expression of Continued Fraction in terms of Square Numbers, **Shodhasamhita**: Journal of Fundamental & Comparative Research, ISSN NO: 2277-7067, Volume X, No. 1(IV): April 2023. Page No. 94 – 98 (Print only).

5. **P. Geetha, Ashwin .K, Ayesha Umma Hani. L, Subashini.V**, A study on continued fraction and expression of continued fraction interms of Jacobsthal Numbers, **GIS Science Journal,** ISSN No: 1869-9391, Volume 10, ISSUE 3, March 2023, Page No: 1547-1555, **DOI:20.18001.GSJ.2022.V10I3.23.409137.**

6. **P. Geetha, Vivedha. S, Jayalakshmi .S, Matharasi Regina. T,** A Study on Expression of Continued fraction in terms of Star Numbers**, GIS Science Journal**, ISSN NO:1869-9391, Volume 10, Issue 3, March 2023, Page No. 1707 – 1713, **DOI:20.18001.GSJ.2022.V1013.23.409150.**

7. **P Geetha, D Samundeeswari, S Vidhya,** 7, 8, 9, 10-tuple Complete Partitions of Integers, Advances and Applications in Mathematical Sciences Volume 21, Issue 6Pages 3085-3091 © 2022 Mili Publications, India. April 2022.

8. **P. Geetha,** Consecutive Odd Partitioning of Integers, Global Journal of Scientific and Research Publications, Volume 1, Issue 6, PP 15 – 17. May 2021.

9. **P. Geetha, A. Gnanam,** The triple and quadruple complete partitions of Integers, Bulletin of Pure and Applied Sciences, Vol. 38E (Math & Stat.), No.1, 2019. P.356-358, Print version ISSN 0970 6577, Online version ISSN 2320 3226, DOI: 10.5958/2320-3226.2019.00038.9. June 2019.

10. **P. Geetha, A. Gnanam,** Prim's Algorithm Combined With Partitions, International Journal of Scientific Research and Review, Volume 8, Issue 5,2019, ISSN NO: 2279-543X. May 2019.

11. **P. Geetha, A. Gnanam,** Shortest Path Problems Using Complete Partitions, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 12 (2018) pp. 10478-10481 © Research India Publications. http://www.ripublication.com. July 2018.

National:
1. **P. Geetha,** On Fuzzy bridges, The PMU Journal of Humanities and Sciences, Vol.2, No.1, (Jan – Jun 2011), pp.89-93.
2. **P. Geetha,** Fuzzy cutnodes, The PMU Journal of Humanities and Sciences, Vol.4, No.2, (July – December 2013), pp.55-60.

| **Seminars/ Conferences/ Workshops organized** | : | 1. Co-ordinator of One Week Workshop On Cracking CSIR Net / Set Exam 2023, 17.04.23 to 25.04.23
 2. Co – Ordinator of One Week State Level Online WorkshopOn Cracking CSIR-UGC NET/ SET exams, 14th to 19thFebruary, 2022
 3. Co-Convener of Brain Activation Techniques And Memory Technique For Easy Learning, 30.09.2021
 4. Co – Convenor of One Week State Level Workshop on |

		CRACKING COMPETITIVE EXAMS CSIR-UGC NET / SET, 23rd to 28th September,2019. 5. One day Seminar on Statistics and its applications in Engineering, 18.04.2012.
Papers Presented	:	1. **P.Geetha, Ashwin .K, Ayesha Umma Hani. L, Subashini.V**, A study on continued fraction and expression of continued fraction interms of Jacobsthal Numbers, International Conference on Mathematical Modelling, Applied Analysis & Computation organized by the Department of Mathematics, Periyar Maniammai Institute of Science & Technology, Vallam, Thanjavur. 16th& 17th March, 2023. 2. **P. Geetha, Vivedha. S, Jayalakshmi .S, Matharasi Regina. T,** A Study on Expression of Continued fraction in terms of Star Numbers**,** International Conference on Mathematical Modelling, Applied Analysis & Computation organized by the Department of Mathematics, Periyar Maniammai Institute of Science & Technology, Vallam, Thanjavur. 16th& 17th March, 2023. 3. P. Geetha, **An Analysis of Shortest Path Algorithms Using Python**, International Conference on Mathematical Methods and Computation(ICOMAC 2022), PG & Research Department of Mathematics, Jamal Mohamed College, Tiruchirappalli – 620 020. 21st & 22nd December 2022. 4. P. Geetha, **The Sextuple Complete Partitions of Integers,** SXC Centenary Year – International Conference on Recent Developments in Pure and Applied Mathematics, PG & Research Department of Mathematics, St. Xavier'sCollege, Palayamkottai. 19th to 21stJuly 2022. 5. P. Geetha, **Consecutive Partitioning into Prime Integers with First Part One,** International Conference on Recent Strategies in Mathematics and Statistics (ICRSMS 2022), Department of Mathematics, Stella Maris College in collaboration with the department of Mathematics, Indian Institute of Technology Madras. 19th to 21stMay 2022. 6. P. Geetha, A. Sathya, **Expressions of continued fraction interms ofTriangular numbers,** Two-day International Conference on Emerging Trends in Mathematical Sciences & Technology. 16th & 17th March 2022. 7. P. Geetha, **7, 8, 9, 10 - tuple Complete Partitions of Integers,** International Conference on Advanced Research in Mathematical Sciences (Online),Sri Manakula Vinayagar Engineering College, Pudhucherry. 24th & 25th February 2021. 8. P. Geetha and A. Gnanam, **Solving Assignment Problems using Consecutive Integers with Residue Partitioning,** TNSCST sponsored International Conference on Applications of Mathematics in Science and Technology, AAA College of Engineering and Technology, Sivakasi. 25th& 26thJuly 2019. 9. P. Geetha and A. Gnanam, **The triple and quadruple complete partitions of Integers,** International Conference on Mathematical Methods and Computation, PG & Research Department of Mathematics, Jamal Mohamed College, Tiruchirappalli – 620 020. 20th& 21stFebruary 2019.
Books Published	:	1. **P. Geetha, P. N. Sudha,** Algebra, Calculus & Analytical Geometry, ISBN : 978-93-94503-01-04, Duraiko Publications, Chennai – 600106.

Patents Published	:	1. **Sudha P.N., Geetha. P, Balakumar.R, Manimozhi.S, Muthamizh Selvan. A, Dilip Jose. S,** Published a patent titled "Relating the use of matrices to encode and decode messages with population models, and control terrestrial traffic"
		      Patent Application No.202241073073 A
		      Date of filing of Application : 16/12/2022
		      Publication Date : 30/12/2022
		 Title of the invention: Relating the use of matrices to encode and decode messages with population models, and control terrestrial traffic.

Awards and Recognitions	:	1. Certificate of appreciation Extra Mile Award for Book Publication in the month of December 2022. 2. Certificate of appreciation Extra Mile Award for Patent Publication in the month of March 2023. 3. Certificate of appreciation Extra Mile Award for Paper publication in the month of June 2023.
Google Scholar Link	:	https://scholar.google.com/citations?view_op=list_works&hl=en&user=vQbnVnoAAAAJ
Research gate	:	https://www.researchgate.net/profile/Geetha-Palanivel-2
Scopus Author Link	:	https://www.scopus.com/authid/detail.uri?authorId=57213846445
ORCHID	:	https://orcid.org/0000-0001-9759-5802
Conferences/ Workshops/ Seminars/ FDP attended	:	➢ Conferences/ Workshops/ Seminars/ FDP attended : 75 ➢ SWAYAM online Courses completed : 05
Contact Address		Dr. P. Geetha, Assistant Professor, Department of Mathematics, Periyar Maniammai Institute of Science & Technology, Periyar Nagar, Vallam, Thanjavur – 613 403. geethamaths@pmu.edu