

PERSONAL PROFILE

1.	Name	Dr.P.SIVAKAMASUNDARI
2.	Address (Office)	Guest Lecturer, Department of Mathematics Government Arts and Science College, Kumulur Lalgudi (T.K) 621712 Trichy(Dt)
3.	Designation	Guest Lecturer
4.	Department	Mathematics
5.	Date of Birth	09 th March, 1978
6.	Area of Specialization	Number Theory

II. Academic Qualifications

Sl. No.	Institutions Studied	Years of Study	Degree or Diploma	Class or grade	Specialisation
1	Shrimati Indira Gandhi college, Trichy-2.	1997-2000	UG	Ist class	Maths
2	Seethalakshmi Ramaswamy College, Trichy-2	2001-2002	PG	Ist class	Maths
3	Madurai Kamaraj University	2004-2005	M.Phil.,	Second class	Maths
4	Urumu Dhanalakshmi College, Trichy	2015-2019	Ph.D.,	Highly commended	Maths
4	Shrimati Indira Gandhi college, Trichy-2	2002-2003	Diploma	Ist class with Distinctions	Computer applications

III. Teaching Experience

Name of the Institution	Designation	Duration
1. Shrimati Indira Gandhi college Trichy-2	Lecturer	01-07-2004 to 30-10-2009

2.Government Arts and science college, perambalur.(Formerly BDUCC)	Guest Lecturer	18-11-2010 to 24-07-2011
3.Government Arts and science college, Kumulur, Lalgudi.(Formerly BDUCC)	Guest Lecturer	25-07-2011 to till date

IV. Training Programme

Name of the Course	Duration	Institution
Orientation Course	10-05-2006 to 06-06-2006	Bharathidasan University
NSS General Orientation Course	20-06-2007 to 29-06-2007	Madras School of Social Work

V. Publications

S.No.	Title of the paper	Name of the Journal	Volume number	Page, Year
1	On the negative pell equation $y^2 = 54x^2 - 5$	International Journal of Mathematics Trends and Technology	21(1)	16-20, 2015
2	Integral solutions of the binary quadratic equation $2x^2 - 4xy - y^2 + 20x - 2y + 17 = 0$	International Journal of Engineering Sciences and Research Technology	4(7)	1089-1095, 2015
3	On ternary quadratic Diophantine equation $X^2 - Y^2 = 37Z^2$	Scholars Journal of Physics, Mathematics and Statistics	2(4)	341-348, 2015
4	Relation among some polygonal numbers and a cubical integer through the equation $X^2 + Y^2 = Z^3$	Proceedings of Regional level seminar on "Recent trends in Mathematics"		26th September 2015
5	Integral solutions of the Binary quadratic equation $12(x + y) + 6xy = 7x^2 - 3y^2$	Jamal Academic Research Journal		313-316, 2016
6	Integral solutions of the bi- quartic Diophantine equation $13(x^2 - y^2) + x + y = 128z^4$	Open Journal of Applied and Theoretical Mathematics	2(2)	58-64, 2016

7	Comparison of the lateral surface area of a cube with fascinating numbers	International Journal of Innovative Research in Science, Engineering and Technology	5(6)	9485-9493, 2016
8	Construction of Euler square involving some figurate numbers	International Journal of Multidisciplinary Research and Development	3(6)	40-43, 2016
9	Correlation of cylinder and frustum of the cone with special numbers	International Journal of Multidisciplinary Research and Development	3(7)	241-242, 2016
10	Matrix representation of K-Fibonacci sequence	International Journal of Engineering Science and Computing	6(10)	2981-2985, 2016
11	An innovative approach of evaluating polygonal numbers and octahedral number	International Journal of Development Research	7(5) 12940-12943,	12940-12943, 2017
12	Observations on the total surface area of the cuboid and polygonal numbers	International Journal of Engineering and Management Research	7(3)	10-13, 2017
13	The sequence of Diophantine triples involving half companion sequence and pell numbers	International Journal of Resent Scientific Research	8(7)	18482-18484, 2017
14	Deriving recognizable numbers using inverse Z –transforms	International Journal of Information Research and Review	4(7)	4288-4293, 2017
15	General formula for (1-2)-Fibonacci sequence	International Journal of Current Research	9(7)	54609-54611, 2017
16	Formation of triples consist some special numbers with interesting property	International Research Journal of Engineering and Technology	4(7)	2372-2374, 2017
17	Relations among some polygonal numbers and a nasty number of the form six times a perfect square	International Journal of Engineering Research and Application	7(8)	12-15, 2017
18	On the extendibility of the sequences of Diophantine triples into quadruples involving pell numbers	International Journal of Current Advanced Research	6(11)	7197-7202, 2017
19	Evaluation of some centered polygonal numbers by using the division algorithm	Journal of Mathematics and Informatics	10	83-88, 2017

20	Relations among m-gonal numbers through second order Ramanujan equation $X^2 + Y^2 = Z^2 + W^2$	International Journal of Mathematical Archive	9 (4)	15-18, 2018
21	On the bi-quadratic equation with three unknowns $xy + 6(x + y) + 4(x^2 + y^2) + 4 = 176z^4$	Asian Journal of Science and Technology	9(5)	8099-8106, 2018

VI.Seminar, Conferences, Symposia Workshops ets. attended

S.No.	Name of the Seminar / Conferences/ Symposia Workshops ets.	Name of the Sponsoring agency	Place and Date
1.	Regional Level Seminar on Resent Trend in Mathematics	PG and Research Department of Mathematics , SIGC, Trichy	Shrimati Indira Gandhi College Trichy 26-05-2015
2.	National Level Conference on Graph Theory, Fuzzy Graph and their Applications	UGC Sponsored	Jamal Mohamed College , Trichy 10-02-2016 & 11-02-2016
3.	National Level Seminar on Modern Trends in Mathematics	PG and Research Department of Mathematics , SIGC,Trichy	Shrimati Indira Gandhi College Trichy 22-12-1016
4.	International Conference on Mathematical Methods and Computation	PG and Research Department of Mathematics ,JMC, Trichy	Jamal Mohamed College , Trichy 11-11-2017
5.	Online National Level FDP on 'Techniques and Applications in Teaching Engineering Mathematics'	KRC ,Trichy	K.Ramakrishnan College of Engineering ,Samayapuram Trichy 10-06-2020 and 11-06-2020
6.	International Webinar on 'Covid-19 Preventio: Yoga to Boost Immunc System'	PG Department of Tamil BDUCC,Nagapattinam	BDUCC Nagapattinam 18-06-2020
7.	Online Faculty Development Programme on "Appraisal of Mathematical Learning outcomes in Cybergogy Environment"	Arul Anandar College ,Karumathur, Madurai	Arul Anandar College ,Karumathur, Madurai 15-07-2020 to 17-07-2020
8.	Online Faculty Development Programme on Recent Trends in Applicable Mathematics	Karunya Institute of Technology and Science	Coimbatore 27-07-2020 to 31-07-2020
9.	Faculty Development Program on Advanced Data Analytics Using Python	Tamil Nadu Skill Development Corporation, Government of Tamil Nadu.	Bharathidasan University 22-01-2024 to 31-01-2024

