PERSONAL INFORMATION

1. Name   :Dr.R.RADHA

2. Date of Birth   :15.04.1982

3. Address   :

Residential	Office
1 / 2, 7th Cross, Kumaran Nagar, Trichy-17. E-Mail:radhavenkatesh10@gmail.com radha.maths@cauverycollege.ac.in Mobile:8012368716	Associate Professor, Cauvery college for women ,Annamalai nagar, Tiruchirappalli-18

ACADEMIC INFORMATION

4. Designation & Department: Associate Professor

PG and Research Department of Mathematics

5. Educational Qualification:

Degree	Year	College/University
B. Sc	2002	S.R.C, Bharathidasan University
M. Sc	2004	S.R.C, Bharathidasan University
M. Phil	2007	Alagappa University
P.G.D.C.A	2008	C.P.C, Bharathidasan University
SET	2017	Mother Therasa University
Ph. D	2021	C.C.W, Bharathidasan University

6. Researcher ID:

Google Scholar ID: https://scholar.google.com/citations?view_op=new_profile&hl=en

Orcid ID : https://orcid.org/0000-0003-2633-9937

Publons ID : https://publons.com/researcher/4295348/radha-r

Vidwan: https://vidwan.inflibnet.ac.in/profile/205975

Scopus: https://account.elsevier.com/verify?userid=45419659&token=e2476cc5-a576-4fab-b7fa-07ac69db7b0c

7. Experience   :

Date of Joining	Institution	Year of Experience
06.07.2009	Cauvery College for women(Autonomous) Trichy-18	15 years 9 months

8. Areas of Specialization   : Number Theory

9. Languages known   : Tamil, English

10.Subjects Taught   :

UG	Probability and statistics, Algebra and calculus, Skill Based Elective- Programming in C, Programming in C Lab, Operations Research, Numerical Analysis And Statistics, Algebra, Analytical geometry (3D) and trigonometry, Essentials of Mathematics, Numericaland statistical methods, Skill Based Elective- Programming in CPP, Classical Algebra and Theory of Numbers, Vector calculus and Fourier series, Business tools for Decision Making, Mathematical Statistics-I, Mathematical Statistics – II, Mathematical Statistics – III, Real Analysis, Discrete Mathematics, Research Methodology and Statistics, ODE , PDE Laplace Transforms and Vector Calculus, Complex Analysis, Number Theory, Numerical methods with MATLAB Programming, Mathematics III, Classical Algebra and Theory of Equations.
PG	Mathematical Statistics , Discrete Mathematics, Integral Equation, Calculus of variation and Fourier Transforms

10. Details of Publications:

Journal Name & Volume	Year of Publication	ISBN Number	Name of the Paper	Impact Factor
Proceedings of Recent Trends in Mathematics Special Issue	Sep2015		Integral Solutions of $x^2+y^2=2z^2-62w^2$	
International Journal of Science and Research, Vol5	Jan2016	2319-7064	Integral Solutions of $4w^2-x^2-y^2-z^2=t^2$	6.391
International Journal of Innovative Research in Science, Engineering and Technology Vol5, issue3	March2016	(online) 2319-8753 (print) 2347-6710	Special Pythagorean triangles and six digit Harshad numbers	6.209
International Journal of Engineering Science and computing Vol 6 Issue 5	May2016	2321-3361	Observations on "$x^2-4xy+y^2+22x=0$"	5.611
Asian Journal of Science and Technology Vol.07, Issue 8	August2016	0976-3376	Special pairs of Pythagorean triangles and Harshad numbers	6.351
International Journal of Engineering and Technology Vol.04, Issue3	March2017	(online)2395-0056 (Print) 2395-0072	Observations on $x^2+y^2=2z^2-62w^2$	6.171
International Journal of Research in applied Science and Engineering, Technology Vol.05, Issue No.12	December 2017	2321-9653	Pythagorean Triangle with Area/Perimeter as a Harshad number of digits 4,5&.6	6.887

Journal	Date	ISSN	Title	Impact Factor
International Journal of Research in applied Science and Engineering, Technology Vol.06,IssueNo.1	January 2018	2321-9653	On Ternary quadratic diophantine equation $15x^2+15y^2+24xy=438z^2$	6.887
International Journal of Research and Analytic Reviews Vol.05,Issue No.3	July2018	(online) 2348-1269 (Print) 2349-5138	Special Dio 3-tuples-II for star numbers	5.75
International Journal of Management,IT & Engineering, Vol08,IssueNo. 08(1)	Aug 2018	2249-0558	Dio 3-tuples for star numbers	7.119
Adalya Journal,Volume8,Issue10	October 2019	1301-2746	Special Dio 3-tuples for Hex number	5.3
International Journal of Ananlytical and Experimental Modal Analysis,Volume11, Issue10	October 2019	0886-9367	Special Dio 3-tuples II for Hex number	6.3
Journal of Scientific Computing,Volume8, Issue12	December 2019	1524-2560	Integral solutions of $(x^2-y^2)(7x^2+7y^2-13xy)=2(z^2-w^2)t^2,$	6.1
Parishodh Journal Volume9,Issue2	February 2020	2347-6648	Dio 3-tuples for centered square pyramidal number	6.3
Infokara Journal Volume9,Issue6	June 2020	1021-9056	Gaussian triples with the property D(36)	5.3
Turkish journal of computer and mathematics Education Vol12,No.9	April 2021	3172-3173	On Interesting integer triple	
Turkish journal of computer and mathematics Education Vol 12,No.7	April 2021	3175-3178	Applications of Diophantine equations in chemical reactions and cryptography	

11. Details of Papers Presented:

Date	Organizer	Name of the Seminar	Paper Name
26.09.2015	Shri mathi Indira Gandhi College, Trichy.	Recent Trends in Mathematics	Integral Solutions of" $x^2+y^2=2z^2-62w^2$"
10.02.2016	Jamal Mohamed College, Trichy.	Graph Theory, Fuzzy Graph Theory and their Applications	Observations on " $x^2-4xy+y^2+22x=0$"
08.01.2019	St.Joseph's College, Trichy.	International Conference on Discrete Mathematics	Special Dio 3-tuples for star number

12. Details of Seminars/ Conferences/ Workshops Attended:

Year& Date	Organizer	Title	National/International	Topic
26.09.2015	Shrimathi Indira Gandhi College, Trichy.	Recent Trends in Mathematics	Integral Solutions of" $x^2+y^2=2z^2-62w^2$"	
10.02.2016	Jamal Mohamed College, Trichy.	Graph Theory, Fuzzy Graph Theoryand their Applications	Observations on " $x^2-4xy+y^2+22x=0$"	
08.01.2019	St. Joseph's College, Trichy.	International Conference on Discrete Mathematics	Special Dio 3-tuples for star number	

13. Details of Incharge/Participation in Extra curricular Activities:

(NSS,NCC,Sports, Games,VoluntaryAssociationandCulturalActivities):

Nature of Activity	PeriodofIncharge
Placement	**2009– 2014**
Sports	**2014– 2020**
BOMAC Club	**2020- 2023**

14. Details of Membership in Academic Bodies/ Board of Studies:

15. Details of Membership of Professional Bodies:

16. Countries visited academically:

17.Any other information if any:

1. Number of Faculty Development Programs Attended:4

2. Number of Webinars Attended:10