

DEPARTMENT OF SCIENCE AND HUMANITIES

DEPARTMENT OF MATHEMATICS

Name : Dr.G,JEYAKRISHNAN	
Designation:	Associate Professor
Qualification:	M.Sc., M.Phil., Ph.D., SET.,
Area of Specialization:	Diophantine Equation.
Experience:	Teaching: 17 Yrs.
	Industry: -NIL
No. of workshop / Conferences / FDP attended:	08
Publication:	Journal National: - International: 09
	Conference National: 02 International: 03
Membership :	1
Achievements :	-

INTERNATIONAL LEVEL CONFERENCES:

1. Presented a paper in International Conference entitled "International conference on Mathematics and Computation" on 19.02.2020 at Jamal Mohamed college ,Trichy, India.
2. Presented a paper in International Conference entitled "Pure and Applied Mathematics" on 11.01.2020 at Idhya College for women ,Kumbakonam, India.
3. Presented a paper in International Conference entitled "International conference on Mathematics and Computation" on 11.12.2017 at Jamal Mohamed college ,Trichy, India.

NATIONAL LEVEL CONFERENCES:

1. Presented a paper in National Conference on "Recent Trends in Science and Green Communication (NCRSGC'16)" at Kings College of Engineering, Thanjavur on 27.12.2016.
2. Presented a paper in National Conference on "Emerging Trends in Mathematics" A.V.V.M Sri Pushpam College(Autonomous), Poondi, Thanjavur on 28.07.2017.

PUBLICATIONS

1. G.Jeyakrishnan & G.Komahan, On the Diophantine equation $128^x + 196^y = z^2$, Acta ciencia indica Mathematics, Vol. XLII M 2016 No.2, ISSN 0970-0455, Page: 195-196.
2. Jeyakrishnan.G.,Komahan.G, "On the Diophantine equation $3136^x + 2048 = z^2$ ", Acta ciencia indica Mathematics, Vol.XLII M 2016 No.3,ISSN 0970-0455,Page 225 - 226.
3. Jeyakrishnan.G., Komahan.G, "On the Diophantine equation $128^x + 961^y = z^2$ ", IJIRST – International journal for innovative Research in Science and Technology/volume 3/Issue 09/February 2017. ISSN(online):2349-6010,page 119-120.
4. Jeyakrishnan.G., Komahan.G, "Pentagonal numbers, Heptagonal numbers and Pythagorean triangles". Journal of Mathematics and Informatics Vol. 11, 2017, 17-19 ISSN: 2349-0632 (P), 2349-0640 (online) Published 11 December 2017.
5. Jeyakrishnan.G.,Komahan.G, "On the Diophantine equation $27^x + 2^y = z^2$ ", IJSRD – International journal for scientific research and development/vol.4/Issue 11, 2017/ ISSN (online):2321-0613page 166-167.
6. Jeyakrishnan.G.,Komahan.G, More on the Diophantine equation $2^x + 87^y = z^2$. "International Journal of Current Research and Modern Education" Special issue, July 2017, Page number 8-9, ISSN:2455-5428.
7. Jeyakrishnan.G.,Komahan.G, Octagonal numbers, Square numbers and Pythagorean triangles. "The International journal of analytical and experimental modal analysis" (ISSN:0886-9367), Volume XII, Issue I, January / 2020.
8. Jeyakrishnan.G.,Komahan.G, On The Diophantine Equation $512^x + 784^y = Z^2$. "The International journal of analytical and experimental modal analysis" (ISSN:0886-9367), Volume XII, Issue I, January / 2020,Page No:2828-2829.
9. Jeyakrishnan.G.,Komahan.G, Latice Points On The Homogeneous Equation $7(X^2 + Y^2) - 13XY = 31Z^2$. "Journal of Information and Computational Science" (ISSN:1548-7741), Volume 10, Issue 2-2020,Page No:64-67.