RESUME

Dr. C. KANAGA DHURGA M.sc., M.Phil., Ph.D.,
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Cell : **9384949188**

CAREER OBJECTIVE

To get a challenging position of lecturer in which I can utilize my experience and create a bright carrier to my students.

To work with a reputed institution as an Assistant Professor, that will provide me a good platform to utilize my teaching and administration skills and will also help me to grow my career.

ACADEMIC EDUCATION

 - Ph.D., in Mathematics from Bharathidasan University with Distinction - Awarded(commended)
 -M.phil., in Mathematics from Bharathidasan University with 1st Class - Distinction with D++
 -M.Sc., in Mathematics from Bharathidasan University with 1st Class - Distinction with D
 -B.Sc.,in Mathematics from Bharathidasan University with 1st Class – Distinction
 -HSC from State board with 1st class

PROFESSIONAL EXPERIENCE

A.V.V.M. Sri Pushpam college
 -Worked as Lecturer from June 2010 to Nov 2012.
 -Worked as Verification officer in Controller of Examination from June 2010 to Nov 2012.

Parisutham Institute of Technology and Science
 - Worked as a Professor from Sep 2015 to Oct 2017.
 - Worked as a Class Monitor Panel Member from Jan 2016 to Oct 2017.
 - Worked as a Panel Member in Admission Cell from Feb 2017 to Oct 2017.

Annai Vailankanni Arts & Science College
 -Working as an Assistant Professor from Dec 2019 to till now.

SEMINAR/ CONFERENCE/ORIENTATION

National

- One day orientation training to college students on **" Promotion on Youth Entrepreneurship "**organized by (IECD) Bharathidasan University, Tiruchirappalli, in 2007.
- **"Uses of the Black – Scholes Formula in American Options "**seminar on computational aspects of Mathematics in A.V.V.M Sri Pushpam College, Thanjavur.
- **"A Linear Diophantine Equation and its real Life Applications"** - e National Conference on Advancements in Science and Humanities (NCASH-2020) in KINGS College of Engineering, Punalkulam, Thanjavur.

International

- **" On Cubic Diophantine Equation With Four Unknowns** $x^3 + y^3 = 2(W^2 - R^2)$ **"** Proceeding of the International Conference on Mathematics and its Applications in University College of Engineering, Villupuram, vol.2, 1008-1015,15-17, Dec 2014.
- **" Reflecting the Application of Diophantine Equation in Chemistry"** International Conference on Mathematical Techniques and Applications (ICMTA - 2021) organized by SRM Institute of Science & Technology, Kattankulathur, Tamil Nadu, in March 2021.

PUBLICATIONS

International

A paper entitled

1. *"On two Diophantine Equations* $16^x + 17^y = z^2$ *and* $16^x + 19^y = z^2$ *"* **Bessel J. Math.,** 4(2)(2014), 37-40, **ISSN 2278-0858**.

2. *"On the Diophantine Equation* $15^x + 16^y = z^2$ *"* **Bessel J. Math.,** 4(3)(2014), 101-103, **ISSN 2278-0858**.

3. *"Integral Solutions of Ternary Quadratic Diophantine Equation* $x^2 + 7y^2 = 11z^2$ *"* **Cayley J. Math.,** 3(2)(2014), 33-39, **ISSN 2278-1749**.

4. *" On Quadratic Diophantine Equation* $x^2 + 16y^2 = 20z^2$ *"* **Galois J. Maths**., 1(1)(2014), 17-22.

5. *"Lattice Points on the Cone* $x^2 + 9y^2 = 50z^2$ *"* **Diophantus J. Math.,** 3(2)(2014), 61-71, **ISSN 2278-1714**.

6. *" Lattice Points on the Cone* $x^2 + 4y^2 = 65z^2$ *"* **Archimedes J. Maths.,** 4(4)(2014), 171-178, **ISSN 2278-084X**.

7. *" Lattice Points on the Homogeneous Cone* $4(x^2 + y^2) - 4xy = 48z^2$ *"* in Print **Cayley J. Maths., ISSN 2278-1749**.

8. " *On Cubic Diophantine Equation With Four Unknowns* $x^3 + y^3 = 2(W^2 - R^2)$ *"* **Proceedings of the International Conference on Mathematics and its Applications in University College of Engineering, Villupuram** , 2(2014),1008-1015.

9. " *On Cubic Diophantine Equation With Five Unknowns* $x^3 + y^3 = 12(z - W)S^2$ **"Antarctica J. Maths.**, **ISSN 0972-8643**.

10. *" On Solutions of Some Diophantine Equations"* , **Bessel J. Math.,** 4(3)(2014), 69-74, **ISSN 2278-0858.**

11. *" On Solutions of Some Diophantine Equations"* , **Diophantus J. Math.,** 3(2)(2014), 55-59, **ISSN 2278-1714**.

12. "A Linear Diophantine Equation and its real Life Applications", **Advances and Applications in Mathematical Sciences, Mili Publication,** in Print **ISSN 0974-6803**

13. " Reflecting the Application of Diophantine Equation in Chemistry", **AIP Conference Proceedings,** Accepted **E-ISSN 1551-7616.**

OTHER ACHIEVEMENTS

➢ **" The certificate of merit "** is awarded by the science from Chennai held in Jayarani High School, Pondicherry, 2002.

➢ **Won School level 1st place** in the Draw Kids 2002 Drawing competition in Tamilnadu held in Vailankanni Matriculation Her Sec School, Pondicherry.

➢ Got "**Excellent Artist "** award from Vandha Mathram Oviyam in Tamilnadu held in Vailankanni Matriculation Her Sec School, Pondicherry, 2003.

➢ Awarded as **"Star of Honour "**for the outstanding performance in studies and extracurricular activities in S.T.E.T Women's College, Mannargudi, during the year 2007-2009.

RESPONSIBILITIES
- Managing the class of students in absence of the deputed professor as well as motivating students for having desired effects
- Analyzing the material for the students and providing them guidance on various aspects of the subjects
- Utilizing the skills and qualities by assigning work to the students
- Helping the students for completing their project works

COMPUTER KNOWLEDGE
- Proficient in basic use of computer

- Internet Savvy

PERSONALITY TRAITS
- Excellent communication and written skills
- Profound knowledge of the subject areas and ability to teach students by using various methods
- Strong commitment with the job as well as interested in teaching graduate and undergraduate students
- Good interpersonal and organizational skills
- Ability to advise the students and problem solving attitude

PERSONAL DETAILS

Name	:	Dr. C. Kanagadhurga
Date of Birth	:	13/12/1986
Father's Name	:	A. Chandran
Marital status	:	Married
Gender	:	Female
Nationality	:	Indian
Region	:	Hindu
Languages known	:	Tamil, English
Contact Addres	:	w/o U. Aravindjith
		No. 5, N. G. O Nagar,
		N. K Road, E. B Colony,
		Thanjavur - 6.

DECLERATION

  I hereby declare that the information and facts stated above are true to the best of my knowledge and belief.

PLACE **:** Thanjavur   Yours faithfully,

DATE :

                    (C. Kanagadhurga)