

## Faculty Profile

**Dr.N. Kamatchi**, Associate Professor  
kamatchimaths@kamarajengg.edu.in  
Mobile No: 9789675351

<b>Educational Qualification</b>			
<b>Degree</b>	<b>Class &amp; %</b>	<b>Institution</b>	<b>Year</b>
Ph.D (Full Time)		n-CARDMATH Kalasalingam University Krishnankoil	2013
M.Phil Mathematics	84.3% First Class with Distinction	Ayya Nadar Janaki Ammal College, Sivakasi (Affiliated to Madurai Kamaraj University)	2004
M.Sc Mathematics	84.89 First Class with Distinction	Ayya Nadar Janaki Ammal College, Sivakasi (Affiliated to Madurai Kamaraj University)	2003
B.Sc Mathematics	75.87% First Class with Distinction	Ayya Nadar Janaki Ammal College, Sivakasi (Affiliated to Madurai Kamaraj University)	2001

<b>Experience</b>			
<b>Name of the College</b>	<b>Designation</b>	<b>Period</b>	<b>No. of. Years</b>
Sri Kaliswari College, Sivakasi	Lecturer	June 2004 to May 2008	3 years and 11 months
n-CARDMATH	JRF	Sep 2008 to March 2013	4 years and 7 months
Kamaraj College of Engineering and Technology, Virudhunagar	Associate Professor	April 2013 to till date	6 years and 3 months

### **Area of Specialization**

- Graph Theory
- Real Analysis

## Publications in International Journals:

- **N. Kamatchi**, K. Paramasivam, A.V. Prajeesh, K. Muhammed Sabeel, S. Arumugam, On group vertex magic graphs, *AKCE International Journal of Graphs and Combinatorics*, Elsevier(Published online) <https://doi.org/10.1016/j.akcej.2019.04.001>
- A.V. Prajeesh, K. Paramasivam, **N. Kamatchi**, A note on handicap incomplete tournaments, *Lecture Notes in Computer Science (LNCS)*, Vol. 11638, (2019) 1-9, **Springer Verlag**.
- **N. Kamatchi**, G. R. Vijayakumar, A. Ramalakshmi, S. Nilavarasi, and S. Arumugam, Distance antimagic labelings of graphs, *Lecture Notes in Computer Science (LNCS)* Vol. 10398 (2017) 113-118, **Springer Verlag**.
- S. Arumugam, **N. Kamatchi** and P. Kovar, Distance magic graphs, *Utilitas Mathematica*, 99 (2016), 131-142. Canada.
- **N. Kamatchi**, A. Ramalakshmi, S. Nilavarasi and S. Arumugam, A note on Distance Magic and Distance antimagic graphs, *Electronic Notes in Discrete Mathematics*, 48 (2015) 183–187. **Elsevier**.
- S. Arumugam, **N. Kamatchi** and G.R. Vijayakumar, On the uniqueness of D-vertex magic constant, *Discussiones Mathematicae Graph Theory*, (Poland) 34 (2014) 279–286.
- **N. Kamatchi** and S. Arumugam, Distance antimagic graphs, *Journal of Combinatorial Mathematics and Combinatorial Computing(JCMCC)* Canada, Vol. 84 (2013) pp. 61 – 67.
- S. Arumugam and **N. Kamatchi**, On (a,d)-distance antimagic graphs, *The Australasian Journal of Combinatorics*.(Australia) Vol.54 (2012) pp. 279–287.
- S. Arumugam, Dalibor Froncek and **N. Kamatchi**, Distance magic graphs-A Survey, *Journal of Indonesian Mathematical Society*, Special Edition (2011), pp. 11 – 26,(Indonesia).

## Conferences

- Presented a paper entitled “ On group vertex magic graph” in the International conference on “ Theoretical Computer Science and Discrete Mathematics” during 03.12.2018-05.12.2018 at SSN College, Chennai. Sponsored by CSIR ,SERB
- Participated in the National Conference on Some Contemporary Research Direction in Discrete Mathematics” on 30-05-2017 at Mepco Schlenk Engineering College, Sivakasi
- Presented a paper entitled “Variations in distance magic graphs in the “International Conference on Theoretical Computer Science and Discrete Mathematics at Kalasalingam University, Sponsored by NBHM, SERB, & CSIR during 19.12.2016 to 21.12.2016.
- Participated in the National Conference on “Frontiers in Applied Sciences and Computer Technology” during 06.03.2015 & 07.03.2015 at NIT, Trichy.
- Presented a paper on “Distance antimagic labeling of graphs” at Eighth International Workshop on Graph Labelings at Kalasalingam University during 03.12.2014 - 06.12.2014

### **FDP/Seminar/workshop/Short Term Course Attended**

- Participated in Advanced training in Mathematics: Teachers Enrichment Workshop on “Linear Algebra and Multivariable Calculus” at Mepco Schlenk Engineering College, Sivakasi during 13.5.2019 – 18.5.2019, Sponsored by National centre for Mathematics (A joint centre of TIFR and IIT Bombay)
- Participated in the One Week Workshop on “Algebra, Analysis and Descriptive Statistics during 04-06-2018 - 09-06-2018 , Mepco Schlenk Engineering College, Sivakasi.
- Participated in the State Level Workshop on “ State Level Workshop on Linear Algebra and Analysis” at Ayya Nadar Janaki Ammal College Sivakasi on 15.12.2016.

### **Conference/Symposium/FDP/Seminar/workshop/Short Term Course Organized**

- Organized Two Day workshop on “Basic Science and its Applications” for School Students and Staffs from 24.11.2018 & 25.11.2018.

### **Resource Person / Jury / Lectures Delivered**

- Delivered a guest lecture on “Linear Algebra” in the three day FDP at Kalasalingam Academy of Higher Education, Krishnankoil.
- Delivered a guest lecture for P.G students on 28-09-2019 in the topic “Distance magic and Distance antimagic labelling of graphs at Arul Ananadar College, Karumathur.
- Delivered a guest lecture on” Algebra and Analysis” at Karpagam Academy of Higher Education, Coimbatore on 06-08-2018.
- Delivered a guest lecture on “Distance magic graph and Distance antimagic graph” on 31-07-2018 at National Institute of Technology Calicut, Kerala
- Delivered a guest lecture in Kalis Maths Fourm Mathematics Association on 15-07-2017 at Sri Kaliswari College, Sivakasi.
- Delivered a guest lecture in Study Circle (P.G. Mathematics Association) on 28-06-2017 at Ayya Nadar Janaki Ammal College, Sivakasi.
- Delivered talk on Distance magic and distance antimagic graphs in National Seminar on Recent advancements on Distance, Domination and Labeling in Graphs at Madura college, Madurai during 21-22 January 2016.
- Delivered a guest lecture on 09-01-2015 at The Sivakasi Lions Metric Hr. Sec. School, Sivakasi.
- Delivered a guest lecture about Aptitude skills on 26-08-2014 at Arasan Ganesan Polytechnic College, Sivakasi.

## **Awards/Recognition Received**

- Recognized as a Research Supervisor by Anna University, Chennai.
- Awarded DST – JRF Fellowship by DST (Department of Science and Technology) Govt. of India through n-CARDMATH from 2009 to 2012.

## **Membership**

- ISTE Life Member

## **Certification**

- Successfully Completed NPTEL course on “ Matlab Programming for Numerical Computation” in March 2017.

## **Subject Expert**

- Engineering Mathematics I
- Numerical Methods
- Graph Theory and Applications
- Algebra and Number Theory

## **Other Achievements**

- **Qualified State Eligibility Test(SET) in 2017**
- **Qualified State Eligibility Test(SET) in 2012**
- **Gold Medal** in M.Sc Degree at Ayya Nadar Janaki Ammal College, Sivakasi.