

## **PROFILE OF THE FACULTY MEMBER**



### **Personal profile**

Name : Dr. A. AMARA JOTHI  
Designation : Guest Lecturer  
Department : Mathematics  
Gender : Female  
DOB & Age : 02.05.1983 & 36 years  
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### **Academic profile**

Area of specialization : Graph Theory  
Educational qualification :

Degree	Institution and University	Year of Passing	Grade/ Percentage
Ph.D	Madras Christian College, University of Madras	2017	awarded
M.Phil	Bharathidasan University	2010	82
B.Ed	Sudarsan College of Education	2009	81
M.Sc	Mother Teresa Women's University	2008	80
B.Sc	Sethupathi Govt. Arts College Madurai Kamaraj University	2006	52

Teaching experience:

Designation	Institution	working Period	Experience
Guest Lecturer	Govt. Arts and Science College, Thiruvadanai	06.04.2018 to Till date	2 years 2 months

Total Experience : 2 years 2 months

## **RESEARCH PUBLICATIONS**

### **International Journals / National Journals / Proceedings**

1. S. Babitha, **A. Amara Jothi** and J. Baskar Babujee, Magic and Bimagic Labeling for Disconnected Graphs, *International Journal of Mathematics Trends and Technology*, 3(2012), 86-90
2. **A. Amara Jothi**, N.G. David and J. Baskar Babujee, On Variation of Edge Bi-magic Total Labeling, *International Journal of Mathematical Combin.*, 1(2014), 49-60
3. **A. Amara Jothi**, N.G. David and J. Baskar Babujee, On Super Edge Magic and Bimagic Labeling for Duplication Graphs, *Gen. Math. Notes*, 22(2014), 57-70.
4. **A. Amara Jothi** and N.G. David On a-vertex Consecutive Edge Bi-magic Labeling for Switching Graphs, *International Journal of Mathematics and Soft Computing*, 4(2014), 183-196.
5. **A. Amara Jothi**, N.G. David and J. Baskar Babujee, On Superior Edge Bi-magic Labeling for Split and Shadow Graphs of Paths, Cycles and Stars, *Bonfring Proceedings of National Conference on Recent Advances in Mathematical Analysis and Applications*, 2013, ISBN 978-93-82338-70-3, 61-74.
6. **A. Amara Jothi**, N.G. David and J. Baskar Babujee, Superior Edge Bi-magic Labeling for Connected and Disconnected Graphs, *Proceedings of International Conference on Mathematical Computer Engineering*, ISBN 978-93-82338-85-7, 323-330.
7. **A. Amara Jothi**, N.G. David and J. Baskar Babujee, On Edge Magic and Bi-magic Labeling of Graphs, *International Journal of Pure and Applied Mathematics*, 101(2015), 711-718.
8. **A. Amara Jothi**, J. Baskar Babujee and N.G. David, On face magic labeling of duplication graphs, *International Journal of Mathematics and Soft Computing*, 5(2015), 171 - 186.
9. **A. Amara Jothi**, N.G. David and J. Baskar Babujee, Super Edge Bi-magic Labeling Graphs, *International Journal of Mathematics and Scientific Computing*, 5(2015), 39-43.
10. **A. Amara Jothi**, N.G. David and J. Baskar Babujee, Vertex Bi-magic Graphs from Magic and Anti-magic Graphs, *International Journal of Mathematics and Scientific Computing*, 5(2015), 70-74.
11. **A. Amara Jothi** and N.G. David, Edge Bi-magic Graceful Graph Labeling, *Global Journal of Pure and Applied Mathematics*, (2016), 110-113.

- 12. A. Amara Jothi, N.G. David and J. Baskar Babujee, E-super Vertex Bimagic Graph Labeling, *International Journal of Pure and Applied Mathematics*.109 (2016), 19-27.**

**Participation/Presentation:** ( Workshops /Conferences /Seminars /Symposiums )

S.No.	Title	Duration	Institution
1.	Workshop On Algorithm and Complexity	23 <sup>rd</sup> to 24 <sup>th</sup> March 2012	Madras Christian College, Chennai
2.	Workshop On Graph Algorithm	30 <sup>th</sup> to 31 <sup>st</sup> March 2012	Indian Statistical Institue, Chennai Center, Taramani
3.	National Conference on Recent Trends in Labeling and Domination in Graphs	14 <sup>th</sup> to 15 <sup>th</sup> Dec 2012	E.M.G. Yadava Women's College, Madurai
4.	National Seminar on Recent Trends in Coloring of Graphs and Digraphs	24 <sup>th</sup> to 25 <sup>th</sup> Aug 2012	Sethupathi Govt. College, Ramanathapuram
5.	National Conference on Recent Trends in Advanced Mathematics	7 <sup>th</sup> Dec 2012	Easwari Engineering College, Chennai
6.	Symposium on Mathematical Methods and Applications	22 <sup>nd</sup> Dec 2012	IIT, Chennai
7.	Workshop On Graph Colorings	25 <sup>th</sup> to 27 <sup>th</sup> Jan 2013	Indian Statistical Institue, Chennai Center, Taramani
8.	Conference on Labeling and Domination of Graphs	29 <sup>th</sup> to 30 <sup>th</sup> Aug 2013	Madura College, Madurai
9.	Conference on Recent Advances in Mathematical Analysis and Applications	6 <sup>th</sup> to 7 <sup>th</sup> Sep 2013	K.S. Rangasamy College of Arts and Science, Truchengode
10.	Symposium on Mathematical Methods and Applications	22 <sup>nd</sup> Dec 2013	IIT, Chennai
11.	National Seminar on Emerging Trends on Graph Connections	8 <sup>th</sup> to 10 <sup>th</sup> Jan 2013	University of Kerala, Kerala

12.	National Seminar on Recent Developments in Algebraic Graph Theory	5 <sup>th</sup> to 6 <sup>th</sup> July 2013	SSN College of Engineering, Chennai
13.	Workshop on Research Practices on Topics in Mathematics and Computer Science	5 <sup>th</sup> to 6 <sup>th</sup> Aug 2013	MCC, Chennai
14.	International Conference on Mathematical Computer Engineering	29 <sup>th</sup> to 30 <sup>th</sup> Nov 2013	VIT, Chennai
15.	National Conference on Numerical Methods and Network Analysis	17 <sup>th</sup> to 18 <sup>th</sup> July 2014	Milagres College, Karnataka
16.	ADMA Pre-Conference Workshop on Fuzzy Graphs	7 <sup>th</sup> to 9 <sup>th</sup> June 2015	B.S. Abdur Rahman University, Chennai
17.	Elenenth Annual Conference on ADMA and Graph Theory Day-XI	10 <sup>th</sup> to 12 <sup>th</sup> June 2015	B.S. Abdur Rahman University, Chennai