

## CURRICULUM VITAE

Name : Dr. G. ANANTHAVALLI  
Designation : Assistant professor  
Qualification : M.Sc., M.Phil., M.Ed., Ph.D., SET.  
Date of Birth : 25.05.1976  
E-mail ID : dv.ananthavalli@gmail.com  
Mobile Number : 9095113366  
Address : V-3 Sathyamoorthy Housing Unit,  
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Teaching Experience : 7 Years



S.No	Name of the Institution	Period of Service
1.	MNSK College of Engineering and Technology, Pudukkottai	2.2.2009 to 31.10.2010
2.	Mount Zion College of Engineering and Technology, Pudukkottai	15.11.2010 to 31.05.2014
3.	J.J. College of Arts and Science (Autonomous)	24.01.2018 to Till date

### Publications

Research papers : 11  
Citations / h – index / i 10 - index : 8/1/0  
Cumulative Impact Factor : 43.199  
Book (s) Published : Nil  
Book Chapter : Nil

- **S. Muthammai and G. Ananthavalli**, Complementary tree nil Domination Number of Circular-Arc Graphs, International Journal of Electrical and Electronics & Computer Science Engineering Volume 2, Issue 6 (December, 2015) IE-ISSN:2348-2273IP-ISSN:2454-1222.**Impact factor: 3.490**
- **S. Muthammai and G. Ananthavalli**, Complementary Tree Nil Domination Number and Connectivity of Graphs, International Journal of Mathematical Archive-7(7), 2016, 115-123, ISSN 2229-5046.**Impact factor: 7.543**

- **S. Muthammai and G. Ananthavalli**, More Results on Complementary Tree Nil Domination Number of a Graph, Aryabhata Journal of Mathematics and informatics Volume 09, Issue 01(January-June,2017) ISSN 2394-9309.**Impact factor:5.856**
- **S. Muthammai and G. Ananthavalli**, Complementary Tree Nil Domination Number of Graphs, International Journal of Engineering Science, Advanced Computing and Bio-Technology, Volume 8, No.1(January-March,2017) pp 1-16.
- **S. Muthammai and G. Ananthavalli**, Complementary Tree Nil Domination Number of Splitting Graphs, International Journal of Mathematics And Its Applications, Volume 5, Issue 2-B(2017), 231-238,ISSN 2347-1557.**Impact factor: 4.968**
- **S. Muthammai and G. Ananthavalli**, Complementary Tree Nil Domination Number of Cubic Graphs, International Journal of Engineering Science, Advanced Computing and Bio-Technology, Volume 8, No.3(July-september,2017) pp 119-125.
- **S. Muthammai and G. Ananthavalli**, Complementary Tree Nil Domination Number and Chromatic number of Graphs, International Journal of Engineering Science, Advanced Computing and Bio-Technology, Vol. 8, No. 4, October – December 2017, pp. 265 - 274.
- **S. Muthammai and G. Ananthavalli**, Distance two complementary tree domatic partition in connected graphs, International Journal of Pure and Applied Mathematics, Volume 117 No. 13 2017, 203-209.**Impact factor: 7.19**
- **S. Muthammai and G. Ananthavalli**, Distance two complementary tree domination number of a graph, International Journal for Research in Applied Science and Engineering Technology. ,Volume 5 Issue XII December 2017, 2598-2603.**Impact factor: 7.076**
- **S.Muthammai and G. Ananthavalli**, Complementary tree Domination number and Distance two complementary tree domination number of Cartesian product of graphs, International Journal for Research in Applied Science and Engineering Technology,Volume 5 Issue XII December 2017, 2604-2610. **Impact factor: 7.076**
- **S. Muthammai and G. Ananthavalli**, Complementary Tree Nil Domination Number of Cartesian product Graphs, International Journal of Engineering Science, Advanced Computing and Bio-Technology, Vol. 8, No. 2, April – June 2017, pp. 58 – 69.

**List of Participated International Seminar/National Conference/Outreach programme attended:**

1. Attended a Two day workshop at Anna university of Technology,Trichy on “Fuzzy Mathematical Modelling and Optimization Techniques” from 27.07.2011 to 27.07.2011.
2. Participated in National level one day workshop, “Fuzzy Set Theory and Applications/queuing Theory and Applications, 6<sup>th</sup> August 2011, Department of Mathematics, K.Ramakrishnan College of Technology, Tiruchirappalli.

3. Participated in National Conference on Recent Trends in Pure and Applied Mathematics, 24<sup>th</sup> February 2012, PG and Research Department of Mathematics, H.H. The Rajah's College(Autonomous), Pudukkottai.
4. Attended a two day workshop on "Aakash for Education" conducted by Indian Institute of Technology, Bombay on 10.11.2012 and 11.11.2012.
5. Participated in International Seminar on Current Trends in Mathematics, 21<sup>st</sup> January 2015, PG and Research Department of Mathematics, Seethalakshmi Ramaswami College (Autonomous), Tiruchirappalli.
6. Participated in Mathematics Outreach programme organized by Ramanujan Mathematical Society and National College (Autonomous), Tiruchirappalli, during the period from 20.05.2015 to 27.05.2015.
7. Participated in Regional level Seminar on Recent Trends in Mathematics, 26<sup>th</sup> September 2015, PG and Research Department of Mathematics, Shrimathi Indira Gandhi College, Tiruchirappalli.
8. Participated in National Seminar on Recent Advancement on Distance, Domination and labeling in Graphs (RADDLGG-2016) 21<sup>st</sup> and 22<sup>nd</sup> January 2016, Department of Mathematics, The Madura College, Madurai.
9. Two day workshop at Government Arts College for Women, Pudukkottai on "Empowering teachers towards e-learning" from 22.02.2016 to 23.02.2016.

**List of presented papers:**

1. An Introduction to Bayesian Networks and their cotemporary Applications, CETSET 2012 Intra college conference organized by Mount Zion College of Engineering and Technology, 14<sup>th</sup> November 2012.
2. Complementary tree nil Domination Number of Circular-Arc Graphs, National Conference on Recent Developments in Coloring, Domination and Distinguishing Codes in Graphs (NCRDCDDCG-2015), August 6<sup>th</sup>-8<sup>th</sup>, Government Arts College, Melur.
3. Complementary Tree Nil Domination Number of Splitting Graphs, International Conference on Mathematical Computer Engineering (ICMCE-2015), January 14-15, VIT, Chennai.
4. Complementary Tree Nil Domination Number and Chromatic number of Graphs, 31<sup>st</sup> Annual Conference of the Ramanujan Mathematical Society, 2015 June 18-21, National College, Tiruchirappalli.
5. More results on Complementary Tree Nil Domination Number of Graphs, National Seminar on Recent Trends in Graph Theory & Combinatorics, 2017 July 26<sup>th</sup> & 27<sup>th</sup>, Meenakshi College for Women (Autonomous), Chennai.

6. Distance Two Complementary Tree Domination Number of a Graph, International Conference on Discrete and Computational Mathematics (ICDCM 2017), February 16-18, 2017, The Gandhigram Rural Institute-Deemed University, Gandhigram.
7. Distance Two Complementary Tree Domatic partition in connected Graphs, International Conference on Advances in Applicable Mathematics (ICAAM 2017), December 7<sup>th</sup> & 8<sup>th</sup> 2017, Bharathiar University, Coimbatore

#### **Administrative ability**

- ❖ Worked as a over all Students Counselling coordinator in Mount Zion College of Engineerig and Technology, Pudukkottai.
- ❖ Headed as a Project Coordinator in AKASH.

#### **Achievements**

- ❖ Got University III Rank in Master of Education in Prist University Examinations in April 2010.
- ❖ Received Best Faculty award in 2012 at MZCET.
- ❖ Received award for Best Performance in 2011 at MZCET.