

CURRICULUM VITAE

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S.No	Name of the Institution	Period of Service
1.	Chendhuran College of Engineering and Technology, Lena vilakku, Pudukkottai	12. 06.2008 to 23.11.2013
2.	Shanmuganathan Engineering College, Pudukkottai	01.07.2016 to 25.04.2017
3.	J.J. College of Arts and Science (Autonomous), Pudukkottai	08.06.2017 to Till Date

Publications

Research papers : 11
Citations / h – index / i 10 - index : 03/01/Nil
Cumulative Impact Factor : 30.987
Book (s) Published : Nil
Book Chapter : Nil

- Bhanumathi M, Kavitha M, “*Eccentric Offensive Alliance*”, Proceedings of UGC sponsored National Seminar on applications in Graph Theory, Dec 2012.
- Bhanumathi M, John flavia J and Kavitha M, “**Restrained Eccentric Domination in Graphs**”, International Journal of Engineering Science, Advanced Computing and

Bio-Technology, Vol. 5, No. 1, January – March 2014, pp. 24 – 36. ISSN: 2249 - 5584(P), 2249 - 5592(Online).

- Bhanumathi M, Kavitha M, “***bd – Domination in Graphs***”, *International Journal of Fuzzy Mathematical Archive – Vol.7, Number 1 & 2*, 2015. ISSN: 2320 -3242(P), 2320 - 3250(Online)
- Bhanumathi. M , Kavitha M, “***Boolean graph Operator***”, Elsevier-Science Direct, *Procedia Computer Science* 47 (2015) 337-341. ISSN: 1877 -0509.
- Bhanumathi. M , Kavitha M, “**Boundary graph of a graph G**”, *International Journal of electrical Electronics & Computer science Engineering*, Volume 2, Issue 5 (October, 2015), pp.1-5. E-ISSN: 2348-2273, P-ISSN: 2454-1222.
- Bhanumathi. M , Kavitha M, “**Eccentricity Properties of BG_4** ”*International Journal of Mathematical Archive-6* (11), 2015, 185-194. ISSN: 2229-5046.
- Bhanumathi M, Kavitha M, “**Co-eccentric Eccentric Domination in Graphs**”, *International Journal of Engineering Science, Advanced Computing and Bio-Technology*, Vol.6. No.4, October – December 2015, pp. 119-134. ISSN: 2249 - 5584(P), 2249 - 5592(Online).
- Bhanumathi M, Kavitha M, “**Boundary Digraph and Boundary Neighbour Digraph of a Graph G**”, *Ellixir Dis. Math.* 93 (2016) 39443-39449. ISSN:2229-712X
- Bhanumathi M, Kavitha M, “**Further results on b-domination in graphs**”, *International Journal of Engineering Science, Advanced Computing and Bio-Technology*, Vol.7. No.3, July – September 2016, pp. 60-72. ISSN: 2249 - 5584(P), 2249 - 5592(Online).
- Bhanumathi M, Kavitha M, “**On Connected Eccentric Domination in Trees**”, *International Journal of Engineering Science, Advanced Computing and Bio-Technology*, Vol.8. No.3, July – September 2017, pp. 133-142. ISSN: 2249 - 5584(P), 2249 - 5592(Online).
- Bhanumathi M, Kavitha M, “**Decomposition of $BG(G)$** ”, *A Journal of Composition Theory*, Vol. XII, Issue IX, September 2019, pp.1-9. ISSN: 0731 - 6755.

Paper Presentation in Conference/Seminar/Workshop

S.No.	Presented/ Participated	Date & Place	Topic
1	Presented	28 th & 29 th January 2011 Govt. Arts College for Women(A), Pudukkottai	Restrained Eccentric Domination in Graphs
2	Presented	18 th & 19 th Dec 2012 SRC, Tiruchirappalli.	Eccentric Offensive Alliance
3	Presented	12 th & 13 th March 2014 Govt. Arts College for Women(A), Pudukkottai	Co – eccentric Eccentric Domination in Graphs
4	Presented	17 th Dec 2014 Coimbatore Institute of Technology	Boolean Graph Operator
5	Presented	9 th & 10 th Jan 2015 St. Joseph College, Tiruchirappalli	Eccentricity properties of $BG(G)$ and $\overline{BG}(G)$
6	Presented	21 st Jan 2015 SRC, Tiruchirappalli	bd – domination in Trees
7	Presented	22 nd & 23 rd Jan 2015 Jamal Mohammed College, Tiruchirappalli	bd – Domination in Graphs
8	Presented	13 th Feb 2019 Government Arts College for WomenSivagangai	b-Domatic Number of a Graph
9	Participated	26 th & 27 th Mar 2010 Periyar Maniammai University, Vallam	Seminar on Graph Theory and its applications
10	Participated	28 th & 29 th Aug 2009 Periyar Maniammai University, Vallam	Workshop on Recent Advances in Graph Theory and its Applications
11	Participated	9 th & 10 th May 2013 National Institute of Technology, Tiruchirappalli	National Conference on Recent Trends in Analysis and Applied Mathematics
12	Participated	6 th Jan 2014 Madura College, Madurai	International Conference on Mathematical Computation and Modelling
13	Participated	27 th June 2015 IFET College of Engineering, Villupuram	One day National level workshop on Effective Document preparation using L ^A TEX for Researchers

Research Guidance

1 M.Phil. Guiding : 01 Completed :02