

## CURRICULUM VITAE

Name : Dr.J. JOHN FLAVIA  
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Qualification : M.Sc., M.Phil., PGDCA., Ph.D., SET.  
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Teaching Experience : 11 Years



S.No	Name of the Institution	Period of Service
1.	Government Arts College for women(A)	17.07.2006 to 21.12.2006
2.	Sudharsan College of Arts & Science, Pudukkottai	22.12.2006 to 10.06.2010
3.	Chendhuran College of Engineering & Technology, Pudukkottai	14.06.2010 to 23.11.2013
4.	Shanmuganathan Engineering College, Pudukkottai	01.07.2016 to 25.04.2017
5.	J.J. College of Arts and Science (Autonomous), Pudukkottai	08.06.2017 to Till Date

### Publications

Research papers : 12  
Citations / h – index / i 10 - index : 05/02/Nil  
Cumulative Impact Factor : 31.865  
Book (s) Published : Nil  
Book Chapter : Nil

- Bhanumathi M, John Flavia J, “**Eccentric Line Domination in Graphs**”,  
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, John Flavia J, “**Total Eccentric Domination in Graphs**”, International Journal of Engineering Science, Advanced Computing and Bio-Technology Vol. 5, No. 2, April – June 2014, pp. 49 – 65. ISSN: 2249 - 5584(P), 2249 - 5592(Online).
- Bhanumathi M , John Flavia J, “**The Minimum Eccentric Dominating Graph**”, Elsevier-Science Direct, Procedia Computer Science 47 (2015) 337 – 341. ISSN: 1877 -0509.
- Bhanumathi M , John Flavia J, “**Total Eccentric Domatic Number of a Graph**”, Jamal Academic Research Journal: An Interdisciplinary, International Conference on Mathematical Methods and Computation 2015, pp. 478 – 481.
- Bhanumathi M , John Flavia J, “**The Dominating Graph  $DG^{bcd}(G)$  of a Graph  $G$** ”, International Journal of Electrical Electronics & Computer science Engineering, Volume 2, Issue 5 (October, 2015), pp. 6 – 11. E-ISSN: 2348-2273, P-ISSN: 2454-1222.
- Bhanumathi M , John Flavia J, “**The Dominating Graph  $DG^{abc}(G)$  of a Graph  $G$** ”, International Journal of Mathematical Archive - 6 (11), 2015, 155 – 162. ISSN: 2229-5046.
- Bhanumathi M, John Flavia J, “**Number of Minimum Eccentric Dominating Sets in Paths**”, International Journal of Engineering Science, advanced Computing and Bio-Technology. Vol.6. No.4, October – December 2015, pp. 114 – 118. ISSN: 2249 - 5584(P), 2249 - 5592(Online).
- Bhanumathi M, John Flavia J, “**The Eccentric Dominating Graph  $ED_m G^{abc}(G)$  of a graph  $G$** ”, Elixir Dis. Math. 93 (2016) 39435 – 39442. ISSN: 2229-712X
- Bhanumathi M, John Flavia J, “**On Eccentric Domination in Graphs**”, International Journal of Engineering Science, advanced Computing and Bio-Technology. Vol. 7, No. 1, January – March 2016, pp. 1 - 15. ISSN: 2249 - 5584(P), 2249 - 5592(Online).

- Bhanumathi M, John Flavia J, “**The Dominating Graph  $D_m G^{bcd}(G)$  of a Graph  $G$** ”, International Journal of Engineering Science, advanced Computing and Bio-Technology. Vol. 7, No. 2, April – June 2016, pp. 48 - 59. ISSN: 2249 - 5584(P), 2249 - 5592(Online).
- Bhanumathi M, John Flavia J, “**The Minimum Eccentric Dominating Graph  $ED_m G^c(G)$  of a graph  $G$** ”, A Journal of Composition Theory, Vol. XII, Issue IX, September 2019, pp. 10 - 16. ISSN: 0731 - 6755.

### Paper Presentation in Conference/Seminar/Workshop

S.No.	Presented/ Participated	Date & Place	Topic
1	Presented	28 <sup>th</sup> & 29 <sup>th</sup> January 2011 Govt. Arts College for Women(A), Pudukkottai	Restrained Eccentric Domination in Graphs
2	Presented	18 <sup>th</sup> & 19 <sup>th</sup> Dec 2012 SRC, Tiruchirappalli.	Eccentric Line Domination in Graphs
3	Presented	12 <sup>th</sup> & 13 <sup>th</sup> March 2014 Govt. Arts College for Women(A), Pudukkottai	Total Eccentric Domination in Graphs
4	Presented	17 <sup>th</sup> Dec 2014 Coimbatore Institute of Technology	The Minimum Eccentric Dominating Graph
5	Presented	9 <sup>th</sup> & 10 <sup>th</sup> Jan 2015 st. Joseph College, Tiruchirappalli	Restrained Eccentric Domatic Number of a Graph
6	Presented	21 <sup>st</sup> Jan 2015 SRC, Tiruchirappalli	The Eccentric Dominating Graph
7	Presented	22 <sup>nd</sup> & 23 <sup>rd</sup> Jan 2015 Jamal Mohammed College, Tiruchirappalli	Total Eccentric Domatic Number of a Graphs
8	Presented	13 <sup>th</sup> Feb 2019 Government Arts College for Women, Sivagangai	The Dominating Graph $D_m G^{abc}(G)$ of a Graph $G$
9	Participated	26 <sup>th</sup> & 27 <sup>th</sup> Mar 2010 Periyar Maniammai University, Vallam	Seminar on Graph Theory and its applications
10	Participated	28 <sup>th</sup> & 29 <sup>th</sup> Aug 2009 Periyar Maniammai University, Vallam	Workshop on Recent Advances in Graph Theory and its Applications
11	Participated	27 <sup>th</sup> & 28 <sup>th</sup> July 2011 Anna University of Technology, Tiruchirappalli	National Seminar on Fuzzy Mathematical Modelling and Optimization techniques
13	Participated	6 <sup>th</sup> Jan 2014 Madura College, Madurai	International Conference on Mathematical Computation and Modelling
14	Participated	27 <sup>th</sup> June 2015 IFET College of Engineering, Villupuram	One day National level workshop on Effective

			Document preparation using L <sup>A</sup> TEX for Researchers
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## Research Guidance

1    **M.Phil.**    Guiding : 01    Completed :02