STAFF PROFILE

1) Name: A. Wilson Baskar

2) Designation: Associate Professor

3) Department: Mathematics

4) Qualifications: M.Sc., M.Phil., Ph.D,

  Academic:

  Additional:

5) Experience (in years): Teaching: 15 Research: 19

6) Area of Specialization: Graph Theory, Algebra,

7) Contact: E-mail : arwilvic@yahoo.com Mobile Number:9443872438

8) Grants Received (Conference/Workshop/Seminar/any other): Nil

9) Project Completed: Nil

10) Project ongoing : Nil

11) Research Guidance:

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	4	5
M. Phil.	33	

12) Research Publications:

	International	National
Total Number of Publications	19	----

List of International Publications:

1. B.D. Acharya, V. Swaminathan & A. Wilson Baskar, Intersection Graph of Minimal Dominating Sets of a Graph, AKCE International Journal of Graphs and Combinatorics, 4:2(2007), 153-159

2. V. Swaminathan and A. Wilson Baskar, A Note on Common Minimal Dominating Graphs, Graph Theory Notes of New York, LIII(2007), 37-38

3. S Balamurugan, A Wilson Baskar, V Swaminathan, Equality of strong domination and chromatic domination in graphs, 1(2011), 69-76.

4. A Wilson Baskar, Mariappan Kalanithi, MR Shanmuga Priya, Edge degree weight sum of Mycielskian graphs and product graphs, Graph Theory Notes of New York, 62(2012),1-5

5. A. Wilson Baskar and P. Nataraj, A Note on Average Domination and Average Independent Domination Numbers in Graphs, Bulletin of the international Mathematical virtual institute,8,(2018), 423-430.

6. S Balamurugan, A Wilson Baskar, V Swaminathan, Strong Dominaing Ses and Chromaic Strong Dominating Sets In Bipartite Graphs, International Journal of Pure and Applied Mathematics, 119, 689-698, 2018.

7. A Chellaram Malarava and A Wilson Baskar, A note on graph and its complement with specified properties: Radius, diameter, center, and periphery, 2, 1950021 (9 pages), 2019.

8. A. Wilson Baskar and M.Dhanasekaran,Change in Skew Distance Energy due to edge deletion, International Journal of Research in Advent Technology, Vol.7, No.3, March 2019.

9. J. Sivakumar, A. Wilson Baskar, V. Swaminathan, Co-equitable Resolving Sets of a Graph, International Journal of Mathematics and Computer Research,7, 1970-1972,2019.

10. A Chellaram Malaravan, A Wilson Baskar, A study on distance in graph complement, Discrete Mathematics, Algorithms and Applications, 12, 2050045 (11 pages),2020.

11. R. Madhiyalagan and A. Wilson Baskar, A Note on Vertex-Edge Dominating Coloring, Advances in Mathematics: Scientific Journal, 12, 10815–10821, 2020.

12. P. Nataraj, A. Wilson Baskar and V. Swaminathan Super Equtable Domination in Graphs, Advances in Mathematics: Scientific Journal, 9, 4923–4928, 2020.

13. M. Dhanasekaran and A. Wilson Baskar, The Skew Distance Characteristic Polynomial of an Oriented Tree with Canonical Orientation and an Oriented Even Circuits with Reachable and Canonical Orientation, Advances in Mathematics: Scientific Journal **9** (2020), no.10, 8827–8835

14. P Nataraj, A Wilson Baskar, V Swaminathan, Gamma_e- Graphs of Graphs, South East Asian Journal of Mathematics & Mathematical Sciences, 16, 263-269,2020.

15. J. Sivakumar, A. Wilson Baskar, R. Sundareswaran1 , P. Nataraj, and V. Swaminathan, Outer Connected Resolving Sets in a Graph, Advances in Mathematics: Scientific Journal, 10, 1367–1376, 2021.

16. R. Madhiyalagan and A. Wilson Baskar, Vertex-Edge Dominating Coloring of Graphs, South East Asian J. of Mathematics and Mathematical Sciences, 17, 355-362, 2021.

17. M. Dhanasekaran and A. Wilson Baskar, The Coefficients of the Skew Distance Characteristics Polynomial of a Directed Path wih Degenerate Orientation, Advances in Mathematics: Scientific Journal 10 (2021), no.1, 645–656

18. A Chellaram Malaravan, A Wilson Baskar, Both a graph and its complement are self-centered with identical radius, Turkic World Mathematical Society Journal of Applied and Engineering Mathematics, 11, 240-247, 2021.

19. P. Nataraj, A. Wilson Baskar and V. Swaminathan, Outer Connected Equitable Dominating Sets in a Graph, South East Asian J. of Mathematics and Mathematical Sciences, 17, 215-224

List of National Publications: Nil

13) Chapters in Books: Nil

14) Other Publications (Proceedings): 1

1. V. Swaminathan and A. Wilson Baskar, Fully balanced and fully unbalanced cycles in a bipartite graph, Proceedings of National Symposium on Interdisciplinary Applications of Mathematical Modeling held at VVV Colege for Women, Viruthunagar,(2005), pp.187-189.

15) Books Published: Nil

16) Presentation in Seminar / Conference:

International: Nil

National: 8

17) Participation in Conference: 18

International: 5   National: 13

18) Participation in Seminar: 16

National: 16

19) Participation in Workshop: 15

International: 3   National: 12

20) Participation in Orientation Programme/ Induction Programme/ Short term Courses: 4

21) Participation in Faculty Development Programme: Nil

22) Conference/ Seminar/ Workshop Organized: Nil

23) Invited Speaker/ Session Chair – Conference/ Seminar/ Workshop: 11

24) Other Co-curricular / Administrative Responsibilities: Nil

25) Member in Board of Studies:

     1. Fatima College, Madurai

     2. E.M.G. Yadava Women's College, Madurai

     3. St Pope's College, Sawyerpuram, Tuticorin

26) Editorial/ Review Board Member: Nil

27) Membership in Professional Bodies:

28) Awards received: Nil

29) Consultancy: Nil

30) Patents: Nil

31) Any other information: Nil

* Note : Please provide the total Numbers and details for each metrics