




SRM Valliammai Engineering College

SRM Nagar, Kattankulathur-603203, Kancheepuram District, Tamil Nadu

TEL : 044 - 27454784 / 726, FAX : 044 - 27451504

Department of Mathematics

Personal Details

Name :	B.VASUKI		
Designation :	Assistant Professor-Ordinary grade		
Educational Qualification :	M.Sc., M.Phil., (Ph.D.)		
Experience:	23 years		
Area of Specialization :	Graph Theory		
Date of Joining :	02.07.2019		
Email ID :	Vasukib.maths@valliammai.co.in		
Contact Numbers :	044-27454726, 27454784	Extn : 8083	

Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.Sc	Mathematics	Government College for Women, Kumbakonam, Bharathidasan University.	1992
2	M.Sc.	Mathematics	A.D.M. College for Women, Nagapattinam, Bharathidasan University.	1994
3	M.Phil.	Mathematics	A.V.V.M. Sri Pushpam College, Tanjore, Bharathidasan University	1996
5	Ph.D	Mathematics	SRM University	pursuing

Professional Society Memberships

Publication Details

1. Dr.L.Shobana, B.Vasuki, "Signed Product Cordial Labeling for some connected graphs" in the 'International Journal of Pure and Applied Mathematics', Volume 113 No. 13 2017, 198-207.
2. B.Vasuki, Dr.L.Shobana, "Signed Product Cordial Labeling for some special graphs" in the 'Journal of Advanced Research in Dynamical and Control systems', Vol.10, No.5, 2018
3. B.Vasuki, . Dr.L.Shobana "Signed Product Cordial Labeling for some Families of Graphs" in the International Journal of Simulation, systems, science and and Technology.
4. B.Vasuki, . Dr.L.Shobana, "Double duplication of path and cycle related graphs" in the journal GEDRAG & ORGANISATIE REVIEW – ISSN : 0921-5077.
5. V.Nagarani , A.Karpagam, B. Vasuki, N. Sundarakannan, "Real Life Applications of Bayes Theorem" in JAC : A Journal Of Composition Theory, ISSN : 0731-6755 , Volume XIV, Issue II, FEBRUARY 2021, 165-170.(UGC CARE GROUP OF JOURNAL)

Other Particulars

Papers Published in National and International Conferences :

1. . Dr.L.Shobana, B.Vasuki,” Signed Product Cordial Labeling for some connected graphs in International Conference on Design and Manufacturing IIIT-Kanchipuram, 16.12.2016-17.12.2016
- 2.. B.Vasuki, Dr.L.Shobana, ” Signed Product Cordial Labeling for some special graphs” in National conference on computational convolution in Intelligent System and Mathematics -Dr. MGR Janaki college of Arts and Science for Women, Chennai ,04.01.2017--05.01.2017.
3. B.Vasuki, Dr.L.Shobana, ” Signed Product Cordial Labeling for some families of graphs” in National conference on Mathematical Techniques and their Applications in SRM University,Kattankulathur, 27.01.2017-28.01.2017.
4. B.Vasuki, Dr.L.Shobana, “Double duplication of path and cycle related graphs” in the International Conference on Mathematical computer Engineering in Vellore Institute of Technology, Chennai,21.02.2020-22.01.2020.
5. B.Vasuki, Dr.L.Shobana, “Face Antimagic Labeling for Double Dublication of Crown Related Graphs” in the International Conference on Mathematical Techniques and Applications in SRM Institute of Science & Technology, Kattankulathur, Chennai, 24.03.2021-26.03.2021.

Seminar/Conference Organized

1. National Conference on Recent Advances in Science,Engineering and Management in Tagore Engineering College on 20.03.2015.(convener)

FDP, Workshops, Seminar,Conferences Attended

- 1.Stochastic Models and Reliability in M.N.M.Jain Engineering College, chennai on13.08.2004
- 2.National Conference on professional ethics –Sriram Engineering Colege, Thiruvallur,on 08.08.2004.
- 3.Instructional Design & Delivery in Tagore Engineering College from 27.04.2009-.02.05.2009
- 4.. Mathematical Softwares in SRM University, Kattankulathur from 22.10.2009-28.10.2009.
- 5 Graph –A String that cuts across all disciplines in Jeppiar Engineering College on 01.07.2011
6. National Seminar on Modern Mathematical and computer Applications inValliammaiEngineering College on 29.04.2015.
- 7.Graph Theory And its Applications in SRM University, Ramapuram Campus on 12.04.2016.
- 8.National Symposium On Mathematics and Applications –IIT, Chennai on 22.10.2016.
- 9.Short Term Training programme on Numerical Methods &Their Applications-2016 from 04.11.2016 to05.11.2016 in SRM University , Kattankulathur.
- 10.FDP on Probability and Random Processes in Rajalakshmi Institute ofTechnology on 26.12.2017.
- 11 .Delivered a Expert talk on “Optimization Techniques in Non Linear Programming”, on November 02, 2020 in the AICTE Sponsored virtual Short Term Training Programae (STTP) on “Modern Optimization tools used in Engineering Field-III” (Season - 3) from 02.11.2020 to 07.11.2020 organized by the Department of Electronics and Instrumentation Engineering, SRM Valliammai Engineering College.

COURSES

1. Completed NPTEL online course “Engineering Mathematics- II” in the year 2020.

Webinars Attended:

1. “Applications of Graph Theory” organized by Shri Krishnawsamy college for women on 15-05-2020
2. “Applications of Mathematics ”organized by Shri Shivayogi Murughendra Swamiji Arts Science and Commerce College, Athani On 17-06-2020
3. Exploring advances in Graph Theory organized by Layola college , Chennai from 15-06-2020 to 17-06-2020.
4. “Guidelines for the management of health and hygiene in COVID-19 pandemic” organized by SRM Arts and Science college, Kattankulathur on 15-05-2020.
5. Qualitative Analysis of stochastic and Epidemic Models organized by Government college for women Nilakottai on 04.07.2020.
6. “An insight to Chemical Graph Theory and its Applications organized by Sri Kanyaka Parameswari college of Arts and Science for women on 07-06-2020.
7. “Applications of Graph Theory” organized by V.O.C.Chidambaram College, Thoothukudi on 07-06-2020
8. FDP on Linear Algebra and Research indicators & Ethics in Research organized by Layola college from 5-06-2020 to 06-06-2020
9. “Graph Networks And Its Applications” organized by Hindustan College of Arts and Science , Coimbatore from 04-06-2020 to 05-06-2020
10. Innovation Process and Challenges of Fuzzy Modeling ” organized by Kunthavai Naachiyar Government college for women , Thanjavur on 04-06-2020
11. Graphs from Commutative Rings organized by Presidency College, Chennai on 10-06-2020.
12. Integrating SWAYAM MOOCs & Educational Apps in Teaching organized by IQAC & SWAYAM on 28.05.2020 & 29.05.2020.
13. Mathematical Modeling of the Covid 19 spread organized by Shri Shankarlal Sundarbai Shasun Jain College for women on 28.05.2020.
14. Research Development Programme on Mathematical Methods in Applied Sciences organized by SRM Institute of Science and Technology, Kattankulathur from 17-07-2020 to 28-07-2020.
15. FDP on Applications of Mathematics in Engineering organized by KPR Institute of Engineering and Technology 27-07-2020 to 31-07-2020.
16. Distance Edge coloring of Graphs organized by Kamaraj College, Thoothukudi on 29.07.2020.
17. Analytic Continuation organized by Paavai Engineering College on 31.07.2020.
18. Workshop on SAGE for Mathematics and Engineering organized by Bannari Amman Institute of science and Technology Satyamangalam on 17-08-2020 .

