


FACULTY PROFILE

Name	:	Dr.S.Buvaneswari	
Designation	:	Associate Professor	
Department	:	Mathematics	
Educational Qualification	:	M.Sc.,B.Ed.,M.Phil.,MCA.,Ph.D	
Experience	:	28	
Subject of Interest	:	Category Theory and Graph Theory	
Publications	:	<ol style="list-style-type: none">1. S.Buvaneswari, Super mean labeling for the Graph P_n+Sm,The PMU Journal of Humanities and Sciences, Vol.2. No.1(Jan-June2011) pp.71-74.2. S. Buvaneswari¹, Dr. P. Alphonse Rajendran² “A Study on Category of Graphs” IOSR Journal of Mathematics (IOSR-JM) e-ISSN:2278-5728,p-ISSN:2319-765X.Volume 11,Issue4 Ver.V(Jul-Aug.2015),PP38-46www.iosrjournals.org3. S.Buvaneswari and P.Alphonse Rajendran “Equalizers and Intersections in the Category of Graphs ”Global Journal of Pure and Applied Mathematics. ISSN 0973- 1768 Volume 11, Number5(2015), pp.33113317©ResearchIndiaPublications.4. S.Buvaneswari, Dr.P.Alphonse Rajendran “Pull back sand Pushouts in the Category of Graphs” IOSR Journal of Mathematics (IOSR-JM) e-ISSN: 2278-5728, p-ISSN: 2319765X.Volume11,Issue6Ver.IV(Nov.Dec.2015),PP1218w www.iosrjournals.org.5. S. Buvaneswari* and P. Alphonse Rajendran “Products and Coproducts in the Category of Graphs “Far East Journal of Mathematical Sciences (FJMS) © 2016 Pushpa Publishing House, Allahabad, India Published Online:May 2016Volume 99, Number 8, 2016, Pages 1261 1270http://dx.doi.org/10.17654/MS099081261.	

		<p>6. S.Buvaneswari and P.AlphonseRajendran2 “Functors in the Category of Graphs” Global Journal of Pure and Applied Mathematics. ISSN 0973-1768 Volume 13, Number 10 (2017), pp.7101-7110©ResearchIndia Publications.</p> <p>7. A Study on Fuzzy Blocks and Fuzzy Cyclesin Graph Theory Dr.S.Buvaneswari, S.Suseela, B.SriRanjani; Periyar Maniammai Institute of Science & Technology, Vallam, Thanjavur PageNo:7280DOI:10.0001865.AutAut.2020.V11I8.463782.00677</p> <p>8. A study on Edge-Magic Total Labeling on a Tree compassing to Sudoku, Dr.S.Buvaneswari, S.Suseela, C. Gowri; Periyar Maniammai Institute of Science & Technology,Vallam,Thanjavur PageNo:102109DOI:10.0001865.AutAut.2020.V11I8.463782.00680</p> <p>9. A Study on Widely Used social media Among the Society on Model Graph Theory Using Kendall Correlation Coefficient and Chi Square TestAn UGC - CARE Approved Group - II Journal volume 12 Issue 4 pages 662-680, publisher Compliance Engineering Journal published on April 2021.</p> <p>10. Limits in the Category of Graphs, S Buvaneswari, R Vanmathi, P Vijayalakshmi, Advances and Applications in Mathematical Sciences Volume 20, Issue 5, March 2021, Pages 781-792 © 2021 Mili Publications.</p>
Awards and Achievements	:	<ul style="list-style-type: none"> • Receive best faculty award for the year 1997– 98 • Meritorious certificate for Best Outstanding Teacher-Dr. Kalaichelvi Gopalan Award receivedfortheyear2008-09 • Awarded Zonal level 2nd prize in the ISTE “Srinivasa Ramanujam Mathematical Competitive Examination 2012-Engineering College (Teachers Category) conducted by ISTE, New Delhi on 1st December 2012. • Served as NSS Coordinator from 2007-2014.

		<ul style="list-style-type: none"> • Received Iyrkai Mission 2012 award for organizing first Aid training programme for NSS Volunteer from Hon'ble Governor Rosaiah. • Elsevier reviewer for Scientific African journal awarded since May 2019 in recognition of the review contributed to the journal. • Universal Human Values Coordinator – Received certificate for participating and successfully completing Student Induction on Online UHV Refresher1 (Part 1) organized by AICTE from 30th August- 3rd September,2021. <p>➤ Contribution to our University – working as</p> <ul style="list-style-type: none"> • Served as NSS Officer at PMCTW during May 2006 – April 2008. • Served as NSS Coordinator PMU from May 2008 – April 2014. • Convenor/Coordinator for the various committees of the conferences organized in the University premises starting from 1995 to till date. • Cultural Coordinator for the various functions organized in the University premises starting from 1995 to till date. • Book published - Maths I, II during 2003 • Participated in the Admission work – PMCTW 1996and 1997. • Participated in the Admission Entrance Exam work from 2007 to till date. • Coordinated the Vagai soda vareer Stage programme at Pondicherry and at Ramanathapuram along with university faculties. • Assisted Physical Education Department during the year 1995-96 and 1996-97. • I Year Incharge for the year 1996-97, 97-98 at PMCTW. Also acted as Association coordinator for I year and also Exam Coordinator for first year during the above period.
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GoogleScholar Link	:	https://scholar.google.co.in/citations?hl=en&user=-piMZOEAAAAJ
Conferences/FDP/Seminars/Workshops attended	:	<ul style="list-style-type: none"> • Convener for Two Day International Conference on “Emerging Trends in Mathematical Sciences & Technology” 16th& 17th March, 2022 organized by department of mathematics-PMIST. • Convener for International Conference on “Mathematical Modelling, Applied Analysis & Computation” on march 16th and 17th 2023 organized by department of mathematics-PMIST. • Attended “ISTE Annual Convention on Strategic Planning”, organized by PMCTW, Vallam on January 1995. • Attended one month Orientation Programme, organized by Academic Staff College, Madras University on 7th Aug – 3rd Sep1996. • Attended “Basic Management Skill development”, organized by PMCTW,Vallam, Sponsored by ISTE, on November 25th to 27th,1997 • Attended “Dissemination of TQM concepts”, organized by

		<p>PMCTW,Vallam, , 10th-11th 1999</p> <ul style="list-style-type: none"> • Attended “Workshop on Finite element Method”, Vellore Engineering college, on Nov 16th - 18th 2000. • Attended “Guidance and counseling”, organized by PMCTW, Vallam, on May 29th & 30th 2001. • Attended workshop on “Gender Perspective in Technical Education”, organized by Periyar Centenary Girls Polytechnic on Nov11th -22nd, 2002. • Attended “Application of Mathematics”, organized by PSNA college, Dindigul on September 6th 2002 • Attended “Communication Skills”, organized by Periyar Maniammai College of Technology for Women Thanjavur on 5th & 6th Nov’04. • Attended State Level seminar on “Applied Mathematics”, organized by PG Department of Mathematics, Bon Secours College for Women,Thanjavur, on 14th February 2007. • Attended National Conference on “Fuzzy Mathematics and Graph theory”, organized by Department of Mathematics and Computer Applications, Jamal Mohamed College, Trichy, on 27th and 28th March 2008. • Attended Two-day workshop on “Recent advances in graph theory and its applications”, organized by Department of Mathematics, PMU, Vallam on 28.08.09 & 29.08.09. • Attended National Conference on “Advanced Mathematics Scientific Development & Engg. Application”, organized by PG & Research Department of Mathematics – K.N.Govt.Arts College for women, Thanjavur on 31st August and 1st September 2009. • Attended Conference on “MATLAB and its Application”, organized by Department of Electronics and Communication Engineering, PMU, Vallam, on 2nd and 3rd September 2009 • Attended Two-day seminar on “Cryptography”, organized by
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		<p>Department of Mathematics, PMU, Vallam, on 23rd and 24th November 2009.</p> <ul style="list-style-type: none"> • Attended Two day seminar on “Graph theory and its application”, organized by Department of Mathematics, PMU, Vallam , on 26rd and 27th March 2010. • Attended One day National seminar “Fuzzy logic and its application”, organized by Department of Mathematics, PMU, Vallam, on 23rd April 2010. • Attended One day National seminar “Fuzzy logic and its application”, organized by Department of Mathematics, PMU, Vallam, on 2rd July 2010. • Attended International Conference on ‘Non- Commutative Rings and Combinatorial Representation Theory”, organized by Department of Mathematics, Ramanujan School of Mathematical Sciences, Pondicherry University on September 2rd and 3rd 2010. • Attended National conference on “Recent trends in Mathematics and its application”, organized by Department of Mathematics, Alagappa University, Karaikudi, on 22nd December 2010. • Attended Two day National seminar on “Simulation and Modeling”, organized by Department of Mathematics, PMU, Vallam, on 21st and 22nd January 2011. • Attended Two-day Workshop (National level) on “Developing Research Aptitude in Select Areas in Mathematics for College Teachers”, organized by Department of Mathematics, PMU, Vallam, on 3rd and 4th May 2011. • Attended a Two-day International Conference on Algebra and its Applications organized by Department of Mathematics, PMU, Vallam (Funded by NBHM (DAE)) during 13th and 14th December 2011. • Attended a One-day Seminar on Contributions of Some Women Mathematicians from India organized by Department of Mathematics, PMU, Vallam on 08.03.2012.
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