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| **PROFILE** |
| Name | : | Dr.S.Buvaneswari |  |
| Designation |  | Associate Professor |
| Department |  | Mathematics |
| EducationalQualification |  | M.Sc.,B.Ed.,M.Phil.,MCA.,Ph.D |
| Subject ofInterest | : | **CategoryTheoryandGraphTheory** |
| Publications: | : | International:1. S.Buvaneswari, Super meanlabelingfortheGraphPn+Sm,The

PMUJournalofHumanitiesandSciences,Vol.2.No.1(Jan-June2011)pp.71-74.2.S. Buvaneswari1, Dr. P. Alphonse Rajendran2 “A Study onCategoryofGraphs” IOSRJournalofMathematics(IOSR-JM)e-ISSN:2278-5728,p-ISSN:2319-765X.Volume 11,Issue4Ver.V(Jul-Aug.2015),PP38-46[www.iosrjournals.org](http://www.iosrjournals.org/)3.S.Buvaneswari\*1andP.AlphonseRajendran2“EqualizersandIntersectionsinthe CategoryofGraphs”GlobalJournalofPureand Applied Mathematics. ISSN 0973- 1768 Volume 11,Number5(2015),pp.3311-3317©ResearchIndiaPublications.1. S.Buvaneswari1.Dr.P.AlphonseRajendran2“PullbacksandPushouts in the Category of Graphs” IOSR Journal ofMathematics (IOSR-JM) e-ISSN: 2278-5728, p-ISSN: 2319-765X.Volume11,Issue6Ver.IV(Nov.-Dec.2015),PP12-18[www.iosrjournals.org.](http://www.iosrjournals.org/)
2. S. Buvaneswari∗ and P. Alphonse Rajendran “PRODUCTSAND COPRODUCTS IN THE CATEGORY OF GRAPHS “Far East Journal of Mathematical Sciences (FJMS) © 2016PushpaPublishingHouse,Allahabad,IndiaPublishedOnline:May 2016Volume 99, Number 8, 2016, Pages 1261-1270<http://dx.doi.org/10.17654/MS099081261>.
3. S.Buvaneswari†1andP. AlphonseRajendran2“FunctorsintheCategory of Graphs” Global Journal of Pure and AppliedMathematics.ISSN 0973-1768 Volume 13, Number 10 (2017),pp.7101-7110©ResearchIndia Publications.
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|  |  | 1. [AStudyonFuzzyBlocksandFuzzyCyclesinGraphTheory](http://www.autrj.com/gallery/9-aut-august-4168.pdf)

Dr.S.Buvaneswari,S.Suseela,B.SriRanjani;PeriyarManiammaiInstituteofScience&Technology,Vallam, Thanjavur PageNo:72-80[DOI:10.0001865.AutAut.2020.V11I8.463782.00677](http://www.autrj.com/gallery/9-aut-august-4168.pdf)1. A study on Edge-Magic Total Labeling on a Tree compassing toSudoku, Dr.S.Buvaneswari, S.Suseela, C. Gowri; PeriyarManiammaiInstituteofScience&Technology,Vallam,Thanjavur PageNo:102-109

[DOI:10.0001865.AutAut.2020.V11I8.463782.00680](http://www.autrj.com/gallery/12-aut-august-4170.pdf)1. 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 Journalvolume 12 Issue 4 pages 662-680, publisher Compliance Engineering Journal published on April 2021.
2. 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
 |
| Awards andAchievements | : | 1. Receive bestfacultyawardfortheyear 1997– 98
2. Meritorious certificate for BestOutstandingTeacher-Dr. Kalaichelvi Gopalan Award receivedfortheyear2008-09
3. Awarded Zonal level 2nd prize in the ISTE “Srinivasa RamanujamMathematical Competitive Examination 2012- Engineering College (Teachers Category) conducted by ISTE , New Delhi on 1st December 2012.
4. Served as NSS Coordinator from 2007-2014.
5. Received Iyrkai Mission 2012 award for organizing first Aid training programme for NSS VolunteerfromHon’bleGovernor

Rosaiah.1. Elsevier reviewer for Scientific African journal awarded since May 2019 in recognition of the review contributed to the journal.
2. 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.
 |
| Books Published |  | 1. Engineering Mathematics I and II
2. Calculus and Linear Algebra

https://[www.youtube.com/channel/UCMtExGOy8r-NWTiTeZm\_dOQ/videos](https://www.youtube.com/channel/UCMtExGOy8r-NWTiTeZm_dOQ/videos) |
| GoogleScholarLink | : | <https://scholar.google.co.in/citations?hl=en&user=-piMZOEAAAAJ> |