Faculty profile

Faculty Name	:	Dr. Ruby R
Designation	:	Assistant Professor
PEN	:	807552
Department	:	Mathematics
Permanent Address	:	Thoppil House, Chaithanya Nagar, Ambattupalayam, Chittur
Contact Number	:	9961577741
Email	:	rubymathpkd@gmail.com
Experience Details	:	Worked as an Assistant Professor at

1. Govt. Victoria College, Palakkad (06/07/2017 to 31/05/2018)
2. Govt. College Chittur (From 01/06/2018 onwards)

Educational qualifications :   M. Sc, Ph.D

Course	University/ Institution	Year of Pass
UG	Govt. Victoria College, Palakkad, University of Calicut	2005
PG	Govt. Victoria College, Palakkad, University of Calicut	2007
Ph D	Govt. College Chittur, University of Calicut	2023

Title of the Thesis : A Study of Decomposition Related Concepts in Graph Theory (Under the guidance of **Dr. Reji T,** Govt. College Chittur - University of Calicut) http://hdl.handle.net/10603/472712

Broad Area of Research :

 Mathematics – Graph Theory

Google Scholar Link : https://scholar.google.com/citations?user=QntnQmoAAAAJ&hl=en

ORCID :   https://orcid.org/0000-0001-5473-6492

Publications

Sl. No	Details of the Paper
1	Reji T, Ruby R and Sneha B, "LEAST COMMON MULTIPLE OF PRODUCT GRAPHS", Palestine Journal of Mathematics Vol. 12(Special Issue II)(2023) , 13–19 https://pjm.ppu.edu/paper/1356-least-common-multiple-product-graphs
2	Reji Thankachan, Ruby Rosemary, and Sneha Balakrishnan. "Projective Dimension of Some Graphs.", *Creat. Math. Inform.,* Vol. 32 No. 1 (2023) 87-96, https://doi.org/10.37193/CMI.2023.01.09
3	T. Reji, R. Ruby, B. Sneha, "Least Common Multiple of Path, Star with Cartesian Product of Some Graphs", *Journal of Mathematical Research with Applications*, Vol. 43 No. 1 (2023) 9-15, DOI:10.3770/j.issn:2095-2651.2023.01.002 http://jmre.ijournals.cn/en/ch/reader/view_abstract.aspx?file_no=20230102&flag=1
4	T. Reji and R. Ruby, "Decomposition dimension of corona product of some classes of graphs", *Proyecciones (Antofagasta, On line)*, vol. 41, no. 5, pp. 1239-1250, Sep. 2022. doi.org/10.22199/issn.0717-6279-5466
5	Reji T and Ruby R, "Decomposition dimension of some class of trees", *J. Adv. Math. Stud.,* (2022), Vol. 15, No. 3, 338-347 http://fairpartners.ro/upload_poze_documente/files/VOLUMUL%2015(2011)%2C%20NR.%203/11_Reji.pdf
6	Reji T., Ruby R.: "Decomposition dimension of Cartesian product of some Graphs", *Discrete Mathematics, Algorithms and Applications,* (2022), https://doi.org/10.1142/S1793830922501154
7	Thankachan Reji, Ruby Rosemary, and Sneha Balakrishnan. "Gallai-Ramsey number for rainbow S3.", *Discrete Math. Lett.,* 10 (2022) 45-50, doi.org/10.47443/dml.2022.033. https://www.dmlett.com/archive/v10/DML22_v10_pp45-50.pdf
8	Reji T., Jinitha Varughese, and R. Ruby. "On graphs that have a unique least common multiple." *CUBO, A Mathematical Journal* 24.1 (2022): 53-62. https://doi.org/10.4067/S0719-06462022000100053
9	Reji T., and R. Ruby. "On decomposition of multistars into multistars." *Ratio Mathematica* 41 (2021): 45 - 52. doi.org/10.23755/rm.v41i0.681 http://eiris.it/ojs/index.php/ratiomathematica/article/view/681

Paper Presentations

Sl No	Title of the paper	Name of the Conference	Date
1	Coalition Number of Some Graphs	International Conference on Graphs, Combinatorics and Optimization, BITS Pilani Dubai Campus	Feb 6-8, 2022
2	Least Common Multiples of Product Graphs	International Conference on Discrete Mathematics, MS University, Tirunelveli	Oct 11-13, 2021

3	Decomposition Dimension of Corona Product of Some Class of Graphs	International Conference on Research Trends in Mathematics, VIT Chennai	Aug 25-26, 2020
4	Decomposition Dimension of Some Class of Trees	International Conference on Graph Connections, BCM College, Kottayam	Aug 6-8, 2020

Seminars / Workshops Organized

Sl No	Name of the Programme	Venue	Date
1	National Seminar on Measure Theory	Govt. College Chittur	Dec 3-4, 2018

Academic & Administrative Responsibilities

1. Member of Scholarship Cell
2. Member of Counselling Cell
3. University Examination Committee Member