



NAME : Dr. S JAFRIN JONY

DESIGNATION : ASSISTANT PROFESSOR

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Educational Qualification

Degree	Subject	Institution	University	Year of Passing	Percentage	Class
Ph.D	Mathematics	St. John's College, Tirunelveli	Manonmaniam Sundaranar University	2023	-	-
M.Sc	Mathematics	Women's Christian College, Chennai	University of Madras	2019	91%	First class with Distinction
B.Sc	Mathematics	Sarah Tucker College, Tirunelveli	Manonmaniam Sundaranar University	2017	93%	First class with Distinction

Teaching Experience

Designation	Institution	Period:From	Period: To
Assistant Professor	St. John's College, Tirunelveli	18.07.2022	31.05.2024
Assistant Professor	Lady Doak College, Madurai	19.06.2024	Till date

Research Profile

Area of Specialization : Graph Theory
Research Title : A Study on Edge Detour Domination
Research Guide : Dr. J Vijaya Xavier Parthipan,
Department of Mathematics,
St. John's College, Tirunelveli

Paper Presented:

S.No.	Title of the paper	Duration	Lecture / Workshop / Seminar / Conference	Level of the Programme
1	Restrained Edge Detour Domination of Network Graphs	2022-03-24 & 2022-03-25	Conference	International (within country)
2	Restrained Edge Detour Domination Number	2021-03-09 & 2021-03-10	Conference	International (within country)
3	Equitable Edge Detour Domination Number	2020-02-24 & 2020-02-25	Conference	International (within country)
4	Total Edge Detour Domination Number of some special Graphs	2020-01-28 & 2020-01-29	Conference	International (within country)
5	Isolated Edge Detour Domination Number	2020-01-20 & 2020-01-21	Conference	International (within country)
6	Odd Gracefulness of Chain of Trim Kites and Star Graphs	2019-01-29 & 2019-01-30	Conference	International (within country)
7	Odd Gracefulness of Trim Kite with Cycle	2018-11-16 & 2018-11-17	Conference	International (within country)
8	Algebraic Graph Theory	2018-07-13 & 2018-07-14	Workshop	International (within country)

Paper Publications:

S.No.	Title of the Paper	Journal Name	ISSN	Publisher	Impact Factor	Month & Year of Publication	Page No.	No. of Citation	Volume No
1	Clique Edge Detour Domination Number	AIP Conference Proceedings	1551-7616	American Institute of Physics	0.41	October 2022		1	2451
2	Equitable Edge Detour Domination Of Brick Product Graphs	Advances And Applications in Mathematical Sciences	0974-6803	Mili Publications	1.675	June 2022	1853-1860		21
3	Restrained Edge Detour Domination of Network Graphs	Mathematical Statistian and Engineering Applications	2984-7869	Auricle Technologies, Pvt., Ltd	0.01	August 2022	10523–10529		71
4	Equitable Edge Detour Domination Number	Malaya Journal of Matematik	2319-3786	University Press, India.	1.5	April 2021	196 - 198	0	S
5	Isolated Edge Detour Domination of Standard graphs	Advances in Mathematics	1857-8365	The union of researchers of Macedonia	1.688	August 2020	2655-2662	2	9
6	Odd Gracefulness of the Chain of Trim Kites and Star Graphs	South East Asian journal of mathematics and mathematical sciences	0972-7752	Ramanujan Society of Mathematics and Mathematical Sciences	0.119	August 2020			16

List of Proceedings:

- S Jafrin Jony, J Vijaya Xavier Parthipan, ‘Clique Edge Detour Domination of Graphs’, International Journal of Supply and Operations Management. ISBN No.:978-81-953416-1-0.
- S Jafrin Jony, J Vijaya Xavier Parthipan, ‘Restrained Edge Detour Domination of Human Chain Graphs’, Proceedings of International Virtual Conference on Current Scenario in Modern Mathematics (ICCSMM-2022). ISBN : 978-81-948552-9-3.
- S Jafrin Jony, J Vijaya Xavier Parthipan, ‘Clique Edge Detour Domination of Snake Related Graphs’, A Conference Proceedings of Recent Trends in Modern. ISBN : 978-93-5566-257-6.
- S Jafrin Jony, J Vijaya Xavier Parthipan, ‘Isolated Edge Detour Domination of Inflated Graphs’, Proceedings of International E- Conference on modern mathematical methods and high performance computing in science and technology. ISBN No.: 978-81-951315-2-5.

Academic Awards

- Mrs. Felicia Jaybalan Alumna Prize for the best Dissertation in M.Sc Mathematics – Women’s Christian College, Chennai.
- S.C.P Dhanapal Prize for the best Project in M.Sc Mathematics - Women’s Christian College, Chennai.