



**VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS)**

College with Potential for Excellence (Re-accredited with 'A' Grade by NAAC)

**Thindal, Erode – 638 012.**



## PUBLICATIONS

### DEPARTMENT OF MATHEMATICS WITH COMPUTER APPLICATIONS

**2018-2019**

S.No	Name of the Staff	Journals/Conference/Proceeding/Bookchapter/Books	Name of the Journal	Institutes/ State/ National/International	Title of the paper	Volume(issue)/ Year/page/ISSN/ ISBN
1	Dr.K.K.Myithili	Proceeding	Colleborative Research in Mathematical Science (ICCRMS'18)	International	Prolegomenon of $(m, n)$ – Polar Intuitionistic Fuzzy Hypergraph	Oct-2018,PP. 330-338, ISBN:978-93-534-214-15

2	Dr.K.K.Myithili	Journal	International Journal for Multidisciplinary Research	International	H-Dominant Transversals of Intuitionistic Fuzzy Directed Hypergraphs	Volume 6,Issue 11, Nov 2018,Pages 1-8,ISSN:2278-2311.
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**2019-2020**

S.No	Name of the Staff	Journals/Conference/Proceeding/Bookchapter/Books	Name of the Journal	Institutes/ State/ National/International	Title of the paper	Volume(issue)/ Year/page/ISSN/ ISBN
1	G.Logeswari	Journal	The International journal of analytical and experimental modal analysis	International	System of Intuitionistic Fuzzy Differential Equations	Volume XI, Issue VIII, August 2019, 100-109, ISSN NO: 0886-9367
2	S.N.Subhathra	Journal	The International journal of analytical and experimental modal analysis	International	Star Coloring of Some Simple Graphs	Volume XI, Issue VIII, August 2019, 86-99, ISSN NO: 0886-9367
3	S.N.Subhathra	Journal	International journal of Advanced Science and Technology	International	Star Coloring of Cartesian Product of Complete Bipartite Graphs, Double Star Graphs with Complete Bipartite Graphs	Volume 28,No.15,(2019), pp.355-360

**2021--2022**

S.No	Name of the Staff	Journals/Conference/Proceeding/Bookchapter/Books	Name of the Journal	Institutes/ State/ National/International	Title of the paper	Volume(issue)/ Year/page/ISSN/ ISBN
1	K.K.Myithili	Journal	The International journal of analytical and experimental modal analysis	International	Recognizing emotions using elementary hyperedges in intuitionistic fuzzy soft hypergraphs	Volume 40E, Issue 01 January –June 2021, pp.108-120 E –ISSN: 2320 – 3226, Print ISSN :0970 -6577.
2	S.N.Subhathra	Journal	Global Journal of Pure and Applied Mathematics	International	On Star Coloring of Kronecker Product of Graphs	Volume 18, May 2022 Page:273-282 ISSN: 0973 – 1768

**2022--2023**

S.No	Name of the Staff	Journals/Conference/Proceeding/Bookchapter/Books	Name of the Journal	Title of the paper	Volume(issue)/ Year/page	ISSN/ ISBN
1	K.K..Myithili	Journal	Ratio Mathematica	Mixed Picture Fuzzy Graph	Volume 42, June 2022, Page 225-244	ISSN:1592-7415, eISSN:2282-8214

2	K.K..Myithili	Book chapter	Research Trends in Mathematics and Statistics	Some Operations on Intuitionistic Fuzzy Soft Hypergraphs	Pp:01-19	ISBN: 978 - 5570 - 433 – 7
3	K.K..Myithili	Journal	Ratio Mathematica	Transversal core of intuitionistic fuzzy k - partite hypergraphs	Volume 46, December 2022, page 202-212	ISSN: 1592 - 7415 eISSN:2282 – 8214

**2023--2024**

S.No	Name of the Staff	Journals/Conference/Proceeding/Bookchapter/Books	Name of the Journal	Title of the paper	Volume(issue)/Year/page	ISSN/ISBN
1	Dr.K.K.Myithili	Journal	Journal of Harbin Engineering University,	Soft K - morphism of Intuitionistic Fuzzy soft Hypergraphs	Volume - 44, Issue - 7, July 2023	pp. 1897-1906, ISSN: 1006-7043
2	Dr.K.K.Myithili	Journal	Journal of Intelligent and Fuzzy Systems	Selection of appropriate location of turbines using score function in Transversals of an Intuitionistic Fuzzy Soft Hypergraphs	Volume - 47, February 2024	pp. 1-8, ISSN: 1064-1246