



Accredited by NAAC & NBA*

SVCE BENGALURU

SRI VENKATESHWARA COLLEGE OF ENGINEERING
— Affiliated to VTU, Approved by AICTE, Recognised by UGC u/s 2(f) & 12(B)—

Department of Basic Science

List of Publication (AY: 2021- 22)

Sl. No.	Title	Authors	Volume/Issue/ Page No.	DOI	Journal / Publisher	Year
1	Experimental Investigations on Cardanol as Fuel Additive in Biodiesel Fuelled CI Engine	Srinivasa Rao K, Manjunatha N K, Sunil S, Shrishail Kakkeri	9 / 3/ 197 - 203	10.17148/IARJSET.2022.9333	International Advanced Research Journal in Science, Engineering and Technology	2022
2	Apotent anesthetic drug Salt: Experimental and Computational Studies	N K Manjunatha, Krishna Reddy B V, et. al...	1263 / 133049	https://doi.org/10.1016/j.molstruc.2022.133049	Journal of Molecular Structure	2022
3	Domination Zagreb Indices of a Book Graph and Stacked Book Graph	Kavitha B N, et. al...	68 / 5	https://doi.org/10.14445/22315373/IJMTT-V68I5P504	International Journal of Mathematics Trends and Technology	2022
4	Roman Domination Polynomial of Cycles	Deepak G, Indiramma M H, et. al...	3 / 86 - 97		International Journal of Mathematical Combinatorics	2022

Programme Coordinator
Coordinator
Basic Science & Humanities
Sri Venkateshwara College of Engineering
Bengaluru-562 157



Accredited by NAAC & NBA*

SVCE BENGALURUSRI VENKATESHWARA COLLEGE OF ENGINEERING
- Affiliated to VTU, Approved by AICTE, Recognised by UGC u/s 2(f) & 12(B)-

Department of Basic Science

List of Publication (AY: 2020 - 21)

Sl. No.	Title	Authors	Volume/Issue/ Page No.	DOI	Journal / Publisher	Year
1	Rainbow Connection Number of Flower Snark Graph	K Srinivasa Rao, U Vijay Kumar, et. al..	33 / 4 / 591 - 597	http://dx.doi.org/1.12732/ijam.v33i4.4	International Journal of applied Mathematics	2020
2	Roman Domination Polynomial of Paths	Deepak G, Indiramma M H, et. al...	9 / 2 / 1 - 10		Palestine Journal of Mathematics	2020
3	A Solid State Analysis of Metformin Picrate Salt	N K Manjunatha, Mahesh, et. al...	30 / 100577	http://doi.org/10.1016/j.cdc.2020.00577	Chemical Data Collections	2020
4	On The Roman Domination Polynomial of Graphs	Deepak G, Indiramma M H, et. al...	11 / 2 / 355 - 365		Bulletin of the International Mathematical Virtual Institute	2021
5	Entire Harary Index of Graphs	Deepak G, et. Al...	5 / 1	https://doi.org/10.1080/09720529.2021.1888435	Journal of Discrete Mathematical Science and Cryptography	2021
6	Relation Between Domination Number, Seidel Energy of Graph and Rank	Kavitha B N, et. al...	11 / 8 / 5 - 9		International Journal of Mathematical Archive	2020
7	Agriculture Fertilizer and Nutrient Management for Beetroot through Goal Programming Approach	Harshitha Urs et, al...	6 / 7867 - 7873		Desogn Engineering	2021


Programme Coordinator
Coordinator
Basic Science & Humanities
Sri Venkateshwara College of Engineering
Bengaluru-562 157



SRI VENKATESHWARA COLLEGE OF ENGINEERING , BENGALORE
DEPARTMENT OF BASIC SCIENCE
PUBLICATION DETAILS FACULTY WISE

Academic Year	Title of Paper	Name of the Author/s	Department	Name of the Journal	ISBN/ISSN Number	Reference Number
2019-20	Some degree-based connectivity indices of Tadpole graph	Kavitha B N & Dr. K Srinivasa Rao	Mathematics	International Journal of Innovative Technology and Exploring Engineering(IJITEE),	2278-3075	1
	Solid state and computational studies of Ambroxyl Hydrochloride drug	Manjunatha N K	Chemistry	Chemical data Collections	2405-8300	2
	Vulnerability parameter of book graph	Kavitha B N	Mathematics	International journal of mathematics trends & technology (IJMTT)	2231-5373	3
	Evaluation of structural properties of calcium hexaaferrites on the basis of synthesis method	Dr. Ch Mamatha	Physics	Integrated ferroelectrics	1058-4587	4
2018-19	Significance and behavioral study of herbal seeds in recycling waste water:A novel approach	Mrs. Jyothi C Abbar & Mrs. Jyothi N Rayar	Chemistry & Physics	International Journal of Civil Engineering & Technology	766-774	5
	Electro-catalytic behaviour of an antiarrhythmic drug, procainamide and its electro-analytical application	Mrs. Jyothi C Abbar	Chemistry	Journal of Electrochemical Science & Technology	292-300	6
	Hinge domination number of a graph	Mrs. Kavitha B N	Mathematics	Journal of Engineering Research and Applications	2248-9622	7
2017-18	Perfect domination in book graph and stacked book graph	Mrs. Kavitha B N	Mathematics	IJMTT	2231-5373	8
	Effects of solvents on photo physical properties of Acridine laser dye	Mrs. Jyothi N Rayar	Physics	International Journal in Physical Properties of Acridine laser dye	2394-5710	9
	Split and equitable domination of some special graphs	Mrs. Kavitha B N	Mathematics	IJSTE	2349-784X	10
	Preparation of polysulfone based PANI-TiO ₂ nanocomposite hollow fibre membranes for industrial dye rejection applications	Mrs. Valcen Rashmi Pereira	Chemistry	RSC Advances	99764-99773	11
2016-17	Projection flat Finsler space with special (α, β) -Metrics	Mrs. Ramesha	Mathematics	IOSR Journal of Mathematics	2278-5728	12
	Synthesis, Characterization and adsorption behaviour of N-dodecyl pyridinium chloride based tin IV phosphate: A new surfactant based hybrid ion exchanger	Mrs. Somya Amita	Chemistry	Research Journal of Chemistry and Environment	0972-0626	13
	Equitable domination to the cross product of special graph	Mrs. Kavitha B N	Mathematics	IJSTE	2349-784X	14
	Split and equitable domination of some special graphs	Mrs. Kavitha B N	Mathematics	IJSTE	2349-784X	15
2015-16	A study of Nonholonomic Finsler frame on Gauge transformations	Mr. Ramesha	Mathematics	Bulletin of the Transilvania University Brasov	2065-2151	16
2014-15	Connected domination polynomial of a graph	Dr. Deepak G	Mathematics	International Journal of Mathematics Archive 4(11), 2013	2229-5046	17
	Total outer equitable connected domination of a graph	Dr. Deepak G	Mathematics	IJMTT Journal	2231-5373	18


HOD Coordinator
 Basic Science & Humanities
 Sri Venkateshwara College of Engineering
 Bengaluru-562 157