

**International Conference on
Theoretical Computer Science and Discrete Mathematics (ICTCSDM-2018)
03 - 05 December 2018**

Accepted papers for Oral Presentation (List-I)

Authors	Title of the paper
P. Jeyanthi, S. Philo	Odd Harmonious Labeling of Complete Bipartite Graphs
Shanmuk Srinivas Amiripalli, Veeramallu Bobba	Impact of Optimal Graph based Mesh on Performance and Energy Efficiency in Design of Smart Homes
R.Pandian , S.LalithaKumari	Effects of Compression Algorithms for CT Coronel Lung Image and And Identification of disease
T. SUBBURAJ, K. SUTHENDRAN	BW-DDoS Attack Detection Using the Maximum Flow Algorithm and Trace out the Source
Mohammad Anagreh	Graph Partitioning Algorithm for Finding the Minimum Spanning Tree
Y.B. Venkatakrishnan, H. Naresh Kumar	Vertices belonging to all or to no minimum vertex-edge dominating sets in trees
B. Chandra, R.Kala	Group S3 Cordial Prime labeling of special graphs
E. Murugan, J. Paulraj Joseph	On the domination number of a graph and its power graph
Ninu S Lal, Aparna Lakshmanan.S	k-tuple colouring on complementary graphs
Ramananda H S, Harsha A J	Graph of a Lattice with respect to an Ideal
Jismy Varghese, Aparna Lakshmanan S	Domination Parameters in Partial Product
A. Senthil Thilak, Sujatha V Shet, S S Kamath	Changing and Unchanging Efficient Domination in graphs with respect to Edge Criticality
A. Mohammed Abid, T.R.Ramesh Rao	Dominator coloring changing and stable graphs upon vertex removal
Harishchandra S. Ramane, Saroja Y. Talwar	Reciprocal Status Connectivity Indices, Harmonic Reciprocal Status Indices and coindices of Line Graph
Anu V, Aparna Lakshmanan S	Impact of Cartesian Product on Double Roman Domination Number
Remigius Perpetua Mary F, Shobana L	On Cordial labeling of Double Duplication of Rhombic Grid Graph
Venugopal K, K. A. Vidya	Multiple Intruder Locating Dominating Sets in graphs: An algorithmic approach
V. Shendra Shainy, V. Balaji	ON LIMITS OF SKOLEM MEAN LABELING FOR STAR GRAPHS $K_{1,a} \cup K_{1,b} \cup K_{1,c}$
V. Maheshwari, S. Sudhakar, V. Balaji	RELAXED MEAN LABELING FOR CONNECTED STAR GRAPHS

Authors	Title of the paper
R.Kuppan , L.Shobana	Encrypting Numbers through Labeling techniques
R. Kamali , G. Jayalalitha	LOCAL STRUCTURE OF FRACTALS IN ZODIAC SIGNS ALONG WITH ROUTE MATRIX
P. Chakradhar , P. Venkata Subba Reddy	Complexity of Roman $\{2\}$ -Domination and the Double Roman Domination in Graphs
S. MoidheenAliyar , S. Manimaran, K. Manikandan	Equitable edge coloring of certain classes of product of graphs
Jessie Abraham , Micheal Arockiaraj	Exact Solutions of Edge Isoperimetric Problem in Chord Graphs and Layout Computation
Pavan kumar	A Study on Weighted Perfect Secure Domination in Graphs
K. Raja Chandrasekar , S. Saravanakumar	The open packing number for some classes of perfect graphs
R. MURALI, A. PONMANA SELVAN	ULAM TYPE STABILITY OF DAMPED HELMHOLTZ NONLINEAR DIFFERENTIAL EQUATIONS
A.P. Santhakumaran, P. Titus, K. Ganesamoorthy , M. Murugan	On the Total Monophonic Number of a Graph
M. Selvi , D. Ramya, P. Jeyanthi	Triangular Difference Mean Graphs
V. Jude Annie Cynthia, Swathi N. R.	All to All Data Broadcasting Using Hamilton Decomposition of Graphs
V.Jude Annie Cynthia, P.R. Sravya	Modeling Security Problem in Graph Labeling
R. Manjusha	Navigation of robots on an extended graph space with constant metric dimension
S. G. Sarika	Characterization of path as a union graph
A. Anu , S. Monikandan	Degree Associated Edge Reconstruction Number Degree Associated Edge Reconstruction Number
C. Aditya Sachindra, P. Sankalp Shrenik, P. Venkata Subba Reddy , P. Chakradhar	Domination and Secure Domination Parameters for some Chessboard Graphs
Ramesh.G , Sudha.G, Ganesan.K	A New Approach for Finding an Optimal Solution of Fully Interval
N. Kalai Mathi , S. Monikandan	Degree Associated Edge Reconstruction Number of Split Graphs with Biregular Independent Set is one
S. Radha , P. Vanchinathan	Inclusion relation among permutation representations of S_6
N. Mohana , Kalyani Desikan, V. Rajkumar Dare	Parallelization on Regular Languages
Prathviraj N , Santosh L.Deshpande	Rough Set Theory based Quality of Service Trade-Off in MANET

Authors	Title of the paper
K. Sowndhariya , A. Muthusamy	Decomposition of Product Graphs into Sunlet Graphs of Length Eight
Anupriya Jha	Secure total domination in chain graphs and cographs
Divya Krishnan	Line Graph of Commuting Graph on the Dihedral Group
M. SIVAGAMI , T. TAMIZH CHELVAM	TRACE GRAPH OF MATRICES WITH RESPECT TO AN IDEAL
N.R. Santhi Maheswari, K. Amutha	PSEUDO NEIGHBOURLY EDGE IRREGULAR GRAPHS
Karthik S, Krishnan Paramasivam	Star Super Edge-magic De ciency of Disjoint Union of Graphs
Jomon K. Sebastian, Joseph Varghese Kureethra , Sudev Naduvanth, Charles Dominic	A study on pendent number of graphs
L. Philo Nithya, Joseph Varghese Kureethara	On Some Properties of Partial Dominating Sets
K.Kayathri, S.Vallirani	Some Results on (1, 2)-Domination in Graphs
Md. Manzurul Hasan , Md. Saidur Rahman	No-Bend Orthogonally Convex Drawings of Subdivisions of Planar Triconnected Cubic Graphs
Sunil Kumar R , Kannan Balakrishnan	Centrality Betweenness in Some Join of Graphs
N Kamatchi , K Paramasivam, A V Prajeesh, Muhammed Sabeel K, S Arumugam	On Group Vertex Magic Graphs
R.Prabha, B.Thenmozhi	p- Domatic Number of a Graph
V. Jude Annie Cynthia, Fancy V.F.	Local Landmarks of Wheel Related Graphs and P_n ,1,2
T. Nancy Dora , S. M. Saroja, T. Kalavathy	Structured hexagonal interactive system(HIS) on Penney's coin game
Henila Correya , Chithra M R	H-Structure connectivity of Product Graphs
Shaila Priya Rodrigues , Jagadeesha B	Partition Subgroup Graph of a Group
S. Priyadarsini , A. Muthusamy	Decomposition of Complete Tripartite Graphs into Triangles and Claws
K. Pattabiraman, T. Suganya	Inverse Connective Eccentricity Index and its Applications
P. Jeyanthi, R.Gomathi , Gee-Choon Lau	Further Results on Analytic Odd Mean Labeling of Graphs
Selvakumar R, Pavan Kumar C	Concatenated Kernel Codes

Authors	Title of the paper
S. Sudha , S. Arumugam	Min-Max and Max-Min Graph Saturation Parameters
ANUPAMA S.B.	A note on Non-split Edge Domination Number of a Graph
Seena Varghese , Aparna Lakshmanan, S. Arumugam	Leech Index of a Tree
P. Dinakar , S. Selvarangam, E. Thandapani	Oscillation of Nonlinear Third Order Perturbed Functional Difference Equations
Divya P.M. , T.V. Ramakrishnan, S. Arumugam	A new look at the concept of domination in hypergraphs
Ragi Puthan Veettil , T.V. Ramakrishnan, S. Arumugam	The hub number of a graph
Manju Raju , Kiran Bhutani, S. Arumugam	Changing and Unchanging of F-domination number of a graph
C.SAM STEPHEN , Dr.S.RAJARAM	SERVICE QUALITY ASSESMENT IN PRIVATE BANKS: A STUDY WITH SPECIAL REFERENCE TO KARUR VYSYA BANK LTD
K. Kanchan Devi , S. Arumugam	Recognition and Parsing Algorithms for Probabilistic Conjunctive Grammar
K. Premalatha , S. Arumugam	Local Antimagic Vertex Coloring of Trees
B.S. Panda, Shaily Verma	On the Total coloring of Graphs
Somnath Bera, Linqiang Pan, Sastha Sriram, Atulya K. Nagar, K. G. Subramanian*	Certain Classes of Graphs and Their Binding Numbers
Mekha Krishnan M , Dr. L. Jeganathan	Blockchain Technology And Its Applications - A Survey
G. Ramya	Implementation of Collage grammar in kolam grammar to generate kolam patterns in Picture Languages