

ACCEPTED PAPERS

INTERNATIONAL CONFERENCE ON APPLIED MATHEMATICS AND THEORETICAL COMPUTER SCIENCE 1 - 3 February 2018 St Xavier's Catholic College of Engineering, Nagercoil, Tamilnadu, India Paper Presentation Schedule		
1 st February 2018	Presentation: 12.00 pm – 01.00pm	Venue 1
Paper Code	Paper Title & Authors	
TT1-AM-001	LAPLACE HOMOTOPY PERTURBATION TRANSFORM METHOD FOR SOLVING NONLINEAR CUBIC SCHRÖDINGER EQUATIONS T.R.Ramesh Rao	
TT1-AM-002	A Comparative study of Image Fusion Sreelekshmi A., Dr. K S Anil Kumar	
TT1-AM-003	ULAM STABILITY OF NEW TYPE ADDITIVE FUNCTIONAL EQUATION IN MULTI-BANACH SPACES: A FIXED POINT METHOD R. MURALI, E. THANDAPANI; A. ANTONY RAJ	
TT1-AM-004	ADDITIVE-QUADRATIC FUNCTIONAL EQUATION IN MATRIX NORMED SPACES R. MURALI AND V. VITHYA	

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1 st February 2018	Presentation: 12.00 pm – 01.00 pm	Venue 2
Paper Code	Paper Title & Authors	
TT3-TCS-001	Systematic Mapping Studies in Data Science Shveta Parnami	
TT3-TCS-021	A Comparative Study on Four Neighbour Binary Pattern and Eight Neighbour patterns-LBP and LTP in Face Recognition A. Geetha and Y. Jacob Vetharaj	
TT3-TCS-002	An Enhanced Blind Source Separation technique for Fetal ECG signal Breasha.S.R, X. Felix Joseph	
TT3-TCS-003	Scene Text Segmentation and Recognition by Applying Trimmed Median Filter Using Energetic Edge Detection Schemes and OCR Beula Bell . T, Dr. M. K. Jeya Kumar	
TT3-TCS-004	Enhancing Data Management for Secure Cloud Storage M. Antony Joans Kumar, Dr. C. Christopher Columbus	

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1 st February 2018	Presentation: 12.00 pm – 01.00 pm	Venue 3
Paper Code	Paper Title & Authors	
TT2-DM-002	EASS of Cycle Related MMD Graphs R. Revathi and R. Mary Jeya Jothi	
TT2-DM-003	SSP Structure of Copies of Cycles R. Mary Jeya Jothi, R. Revathi	
TT2-DM-005	CONNECTED TOTAL RESTRAINED MONOPHONIC DOMINATION NUMBER OF A GRAPH P.Arul Paul Sudhahar , M. Little Flower	
TT2-DM-001	CHARACTERIZATION OF GRAPHS USING CONNECTED DOMINATION POLYNOMIALS M.Felix Nes Mabel , Dr.A.Vijayan	

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1 st February 2018	Presentation: 3.00 pm – 3.30 pm	Venue 1
Paper Code	Paper Title & Authors	
TT1-AM-005	HYERS-ULAM STABILITY OF THIRD ORDER LINEAR DIFFERENTIAL EQUATION R. MURALI, AND A. PONMANA SELVAN	
TT1-AM-006	Influence of Hall current and Thermal diffusion on Radiative MHD Flow of a Rotating Fluid in Presence of Heat absorption Venkateswarlu Malapati and D. Venkata Lakshmi	

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1 st February 2018	Presentation: 3.00 pm – 3.30 pm	Venue 2
Paper Code	Paper Title & Authors	
TT3-TCS-005	Data hiding using Quadtree Segmentation with Neighborhood Prediction Method A.Pushpa Athisaya Sakila Rani and W.R.Sam Emmanuel	
TT3-TCS-006	Computerised Segmentation of Lung Parenchyma using Colour Features and Fuzzy C-Means Clustering Z. Faizal khan, Mohammed Ateeq Alanezi	
TT3-TCS-007	Clinical Decision Support System based on a Statndardized Clinical Protocol with a Machine Learning Component Pratheepkumar P, Dr. V. Mary Amala Bai	

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Paper Code	Paper Title & Authors	
TT2-DM-004	On Intuitionistic Fuzzy Generalized Pre Continuous Mappings L. Senthil Kumar, T. Prem Kumar	
TT2-DM-006	A Cryptographic Encryption Technique Byte – Spiral Rotation Encryption Algorithm S.Sanal, S. Anfino Sherfin	

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1 st February 2018	Presentation: 3.45 pm – 4.45 pm	Venue 1
Paper Code	Paper Title & Authors	
TT1-AM-007	Game Theoretical Analysis of Usable Security Cynara Justine, Rendhir R. Prasad, Ciza Thomas	
TT1-AM-008	Numerical Solution of Definite Triple Integral Using Markov Chains A Bernick Raj, K Vasudevan	
TT1-AM-009	Labeling Techniques in Fuzzy Friendship Graphs K.R.Sobha, S.Chandra Kumar, P.Sree Devi	

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1 st February 2018	Presentation: 3.45 pm – 4.45 pm	Venue 2
Paper Code	Paper Title & Authors	
TT3-TCS-008	Game Theoretical Analysis of Usable Security Cynara Justine, Cynara Justine, Ciza Thomas	
TT3-TCS-009	A Survey on an Energy Efficient Wireless network in Big data V.Sahaya sakila, Baby.D.Dayana and A.Aruna	
TT3-TCS-010	Big Data Ecosystem – Review on Architectural Evolution Kamakhya Narain Singh, Rajat Kumar Behera, Jibendu Kumar Mantri	
TT3-TCS-011	Upsurging Cyber-Kinetic attacks in Mobile Cyber Physical Systems Gifty R, Bharathi R	
TT3-TCS-012	STEREO IMAGE STEGANOGRAPHY BY USING PIXEL INTENSITY VALUE AND LSB TECHNIQUE S.Radhika, G.Julie priyadharsana	
TT3-TCS-013	HUMAN HEALTH ABNORMAL ACTIVITIES IDENTIFICATION SYSTEM USING HUMAN ACTIVITY S.Sujadevi	
TT3-TCS-014	Survey on Edible Water Navigation Blessing Solomon B.C, Sharmila Mary Arul	

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1 st February 2018		Presentation: 3.45 pm – 4.45 pm	Venue 3
Paper Code	Paper Title & Authors		
TT2-DM-007	A NOTE ON TOTAL STRONG SPLIT DOMINATION IN GRAPHS T. Nicholas, T. Sheeba Helen		
TT2-DM-008	On b-coloring of Mycielskian graph families M.Kalpana and D.Vijayalakshmi		
TT2-DM-009	Cube Graceful Labeling of Graphs T. Mary Vithya, K. Murugan		
TT2-DM-010	Radio mean D-distance number of family of snake T. Nicholas, K.John Bosco		

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2 nd February 2018		Presentation: 11.15 am – 12.30 pm	Venue 1
Paper Code	Paper Title & Authors		
TT1-AM-010	FUZZY MAGIC GRAPHS - A BRIEF STUDY K.R.SOBHA,S.CHANDRA KUMAR, R.S.SHEEBA		
TT1-AM-011	FUZZY CHROMATIC NUMBER OF A WHEEL GRAPH Sobha.K.R , Chandra Kumar .S, Jasin Glanta.P.J		

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2 nd February 2018		Presentation: 11.15 am – 12.30 pm	Venue 2
Paper Code	Paper Title & Authors		
TT3-TCS-015	SECURE DATA TRANSMISSION PRESERVE ENERGY USING ROUGH SET CLUSTERING ALGORITHM IN WSNM Uma , Dr Senthilkumar A		
TT3-TCS-016	SYSTEM-LEVEL CYBER-ATTACK MODELS FOR RISK ANALYSIS IN CYBER PHYSICAL SYSTEMS Gifty. R, R. Bharathi		
TT3-TCS-017	INTELLIGENT TRANSPORT SYSTEM GUIDE BY COGNITIVE RADIO K.Amutha, S.Janardhanaprabhu, E.karthika, S.J.Kristin jerushia, H.Padma priya		
TT3-TCS-018	A novel semi-supervised change detection method using Phase Congruency and Local Binary Pattern (PC-LBP) Dalmiya C P, Santhi N, Sathyabama B		
TT3-TCS-019	Analysis of Channles in Multicasting Mesh Network Mohanraj.A and Sivasankar.A		
TT3-TCS-020	Robust shape based feature extraction for unimodal and multimodal biometric system Anne Wincy. J, Jacob Vetha Raj Y		

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2 nd February 2018		Presentation: 11.15 am – 12.30pm	Venue 3
Paper Code	Paper Title & Authors		
TT2-DM-011	Vertex coloring edge weightings of some square graphs N. Paramaguru and A. Sudha		
TT2-DM-012	Zagreb Indices Of Double Corona of Graphs Based On The Total Graph Prosanta Sarkar, Saurav Mondal, Nilanjan De, Anita Pal		
TT2-DM-013	Zagreb Indices of Double Join of Graphs Based on the Total Graph Prosanta Sarkar, Nilanjan De, Anita Pal		
TT2-DM-014	Distinct Edge Geodetic Decomposition in Graphs J.John, D.Stalin		
TT2-DM-015	SOLUTION TO SOME OPEN PROBLEM ON CYCLE SUPER MAGIC LABELING OF GRAPHS CHINNARAJ CHITRA, GURUSAMY THEVAR MARIMUTHU, GURUNATHAN KUMAR		
TT2-DM-016	Odd-even sum labeling in the context of duplication of graph elements Monika.K, Murugan.K		

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Paper Code	Paper Title & Authors		
TT3-TCS-021	A comparative study on Four Neighbour Binary Pattern and Eight Neighbour patterns-LBP and LTP in Face Recognition A. Geetha, Y.Jacob Vetha Raj		
TT3-TCS-022	On the Generative Power of Semi-Bracketed Contextual Grammars Lakshmanan Kuppusamy, Anand Mahendran		
TT3-TCS-023	Detection of Breast Cancer Based on Fuzzy Frequent Itemsets Mining M. Jeya sutha , F. Ramesh Dhanaseelan		

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2 nd February 2018		Presentation: 12.30 pm – 01.15 pm	Venue 2
Paper Code	Paper Title & Authors		
TT3-TCS-024	A survey on the Security and Privacy of Cloud Based IoT with a Secured Architecture Model Sheeba.M.R, Dr.G.Suganthi		
TT3-TCS-025	SURVEY OF BRAIN TUMOUR SEGMENTATION ON MRI IMAGES C. Jaspin Jeba Sheela and Suganthi		
TT3-TCS-026	GCID systems for Super-Linear Languages Indhumathi Raman, Lakshmanan Kuppusamy		

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2 nd February 2018	Presentation: 12.30 pm – 01.15 pm	Venue 3
Paper Code	Paper Title & Authors	
TT2-DM-017	The Connected Restrained Edge Monophonic Domination Number of a Graph P.Arul Paul Sudhahar and C.Bency	
TT2-DM-018	The connected double geodetic number of a graph A.P. Santhakumaran, T. Jebaraj	
TT2-DM-019	2- LONG SUM LABELING OF SOME GRAPHS M.A.Ummu Salima, .K.Murugan	
TT2-DM-020	Some Results on Strong Efficient Edge Domination Number M.Annapoopathi &N.Meena	
TT2-DM-021	An algorithm on the triple connected domination number of Some Graphs Franklin Richard	