DR. K. GEETHA PROFESSOR, DEPT OF CSE SASTRA DEEMED UNIVERSITY

H3-hybrid multilayered hyper chaotic hyper elliptic curve based image encryption system N Sasikaladevi, K Geetha, K Sriharshini, MD Aruna Optics & Laser Technology 127, 106173

DEODORANT: a novel approach for early detection and prevention of polycystic ovary syndrome using association rule in hypergraph with the dominating set property S Pradeepa, K Geetha, K Kannan, KR Manjula Journal of Ambient Intelligence and Humanized Computing, 1-17

RIGID-reversible lightweight, high payload semantically secured e-record hiding technique for smart city applications using pseudo-random matrices

N Sasikaladevi, K Geetha, A Revathi

Multimedia Tools and Applications, 1-18

Optimized Energy Cost and Carbon Emission-Aware Virtual Machine Allocation in Sustainable Data Centers T Renugadevi, K Geetha, K Muthukumar, ZW Geem Sustainability 12 (16), 6383

Carbon-Efficient Virtual Machine Placement Based on Dynamic Voltage Frequency Scaling in Geo-Distributed Cloud Data Centers T Renugadevi, K Geetha, N Prabaharan, P Siano Applied Sciences 10 (8), 2701

OUTFIT-An optimal data storage hosting model using Sugeno-type fuzzy inference system for multi-cloud environments

M Sujatha, K Geetha, P Balakrishnan, T Renugadevi
Journal of Intelligent & Fuzzy Systems, 1-12

Design and analysis of discrete PID controller for Luo converter R Shenbagalakshmi, S Vijayalakshmi, K Geetha International Journal of Power Electronics 11 (3), 283-298

Energy-Efficient Resource Provisioning using Adaptive Harmony Search Algorithm for Compute-Intensive Workloads with Load Balancing in Datacenters T Renugadevi, K Geetha, K Muthukumar, ZW Geem Applied Sciences 10 (7), 2323

MAIC: A Proficient Agricultural Monitoring and Alerting System Using IoT in Cloud Platform

A Srilakshmi, K Geetha, D Harini

Inventive Communication and Computational Technologies, 805-818

SNAP-compressive lossless sensitive image authentication and protection scheme based on Genus-2 hyper elliptic curve
N Sasikaladevi, K Geetha, N Mahalakshmi, N Archana
Multimedia Tools and Applications 78 (18), 26163-26179

SCAN-speech biometric template protection based on genus-2 hyper elliptic curve N Sasikaladevi, K Geetha, A Revathi, N Mahalakshmi, N Archana Multimedia Tools and Applications 78 (13), 18339-18361

Dynamic virtual cluster cloud security using hybrid steganographic image authentication

algorithm K Venkatraman, K Geetha Automatika 60 (3), 314-321

India: Intruder Node Detection and Isolation Action in Mobile Ad Hoc Networks Using Feature Optimization and Classification Approach.

MR Kavitha T, Geetha K

Journal of medical systems. 43 (7), 199-199

RADIANT-hybrid multilayered chaotic image encryption system for color images N Sasikaladevi, K Geetha, K Sriharshini, MD Aruna Multimedia Tools and Applications 78 (9), 11675-11700

IoT based smart health care system to prevent security attacks in SDN A Srilakshmi, P Mohanapriya, D Harini, K Geetha 2019 Fifth International Conference on Electrical Energy Systems (ICEES), 1-7

EMOTE-Multilayered encryption system for protecting medical images based on binary curve

N Sasikaladevi, K Geetha, A Revathi

Journal of King Saud University-Computer and Information Sciences

A multi-tier security system (SAIL) for protecting audio signals from malicious exploits N Sasikaladevi, K Geetha, KNV Srinivas International Journal of Speech Technology 21 (2), 319-332

Effective Traffic Management to Avoid Traffic Congestion Using Recursive Re-routing Algorithm

K Geetha, N Sasikaladevi, GT Dhayaleni

International Conference on Advances in Computing and Data Sciences, 288-297

An implementation of SLICE algorithm to enforce security for medical images using DNA approach

G Bharghavi, PS Kumar, K Geetha, NS Devi

2018 International Conference on Communication and Signal Processing (ICCSP ...

A New Audio Watermarking Algorithm with DNA Sequenced Image Embedded in Spatial Domain Using Pseudo-Random Locations

T Sumanth, V Harisudan, T Kumar, K Geetha

2018 Second International Conference on Electronics, Communication and ...

Detection and monitoring of fire and gas leakage systems in industries K Geetha, P Prabha, CP Devi, S Priyadharshini, S Tamilselvan International Journal of Engineering & Technology 7 (2.8), 419-423

Real-Time Health Care Monitoring System using IoT S Saminathan, K Geetha International Journal of Engineering & Technology 7 (2.24), 484-488

An Implementation of SLICE Algorithm to Enforce Security for Medical Images using DNA Approach

An Efficient Novel Precharge-Free, Low-Power Content-Addressable Memory SS BABU, K GEETHA

Design of RSA processor for concurrent cryptographic transformations S Vollala, VV Varadhan, K Geetha, N Ramasubramanian Microelectronics Journal 63, 112-122

Design of a Novel High Speed Multiplier by using Gate Diffusion Input Technique P NAGARAJU, RK NAIK, K GEETHA, DR RRamachandra

Dynamic semantic lfu policy with victim tracer (dslv): a customizing technique for client cache

K Geetha, NA Gounden

Arabian Journal for Science and Engineering 42 (2), 725-737

Implementation for Securing the Cloud Data and Providing Secured Access Across the Network

A Sheshasaayee, K Geetha

Proceedings of the International Conference on Data Engineering and ...

IMPROVED NAND FLASH MEMORIES STORAGE RELIABILITY USING NONLINEAR MULTI ERROR CORRECTING CODES A ANILKUMAR, E RAMAKRISHNA, K GEETHA, R RAMACHANDRA

Speed efficient 64 Bit MAC design using VEDIC multiplier and reversible logic gates K Sree, ST Mrudula, K Geetha, R Ramachandra Int J Adv Res Innov Ideas Educ 3 (6), 370-376

A SURVEY ON HEALTH CARE MONITORING SYSTEM USING IOT KG Sasippriya Saminathan International Journal of pure and applied mathematics 117 (17), 249-254

Content Based Routing Using Information Centric Network For IoT MD Devi, K Geetha, K Saranyadevi Procedia computer science 115, 707-714

Discrete Controlled Pulse Width Modulated Interleaved Boost Converter using Bilinear Transformation technique

S Vijayalakshmi, K Geetha, R Shenbagalakshmi, A Joshi

International Conference on Communication and Signal Processing 2016 (ICCASP ...

Automated Battery Backup Approach (ABBA) for Industrial Appliances using WPT TSC Rao¹, K Geetha

Indian Journal of Science and Technology 9, 48

A New Parallel Algorithm for EREW PRAM Matrix Multiplication S Vollala, K Geetha, A Joshi, P Gayathri International Conference on Communication and Signal Processing 2016 (ICCASP ...

Green Environment Monitoring System (GEMS) for industries using Li-Fi Technology S Vijay, K Geetha

Indian Journal of Science and Technology 9 (48), 1-6

Efficient utilization of shared caches in multicore architectures AK Singh, K Geetha, S Vollala, N Ramasubramanian Arabian Journal for Science and Engineering 41 (12), 5169-5179

Efficient modular exponential algorithms compatible with hardware implementation of public-key cryptography

S Vollala, K Geetha, N Ramasubramanian

Security and Communication Networks 9 (16), 3105-3115

A Novel Approach for Encryption and Decryption and Hardware Implementation of RC6 Stream Cipher Algorithm

S LAKSHMAN, K GEETHA, DRR RAMACHANDRA

A survey on visible light communication appliances used in inter-vehicular and indoor communication

S Vijay, K Geetha

International Journal of Applied Engineering Research 11 (7), 4893-4897

Categories, standards and recent trends in wireless power transfer: A survey TSC Rao¹, K Geetha Indian Journal of Science and Technology 9, 20

Analysis on traffic accident injury level using classification K Geetha, C Vaishnavi International Journal of Advanced Research in Computer Science and Software ...