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International Conference on Metaheuristics in Software Engineering and its applications

(METASOFT 2022)

CERTIFICATE OF PRESENTATION

This certificate is awarded to **Amit Baghel** for presenting the paper entitled "DepNet: Deep Neural Network based model for Estimating the Crowd Count" authored by **Amit Baghel, Pushpendra Kumar Chandra, and Satish Kumar Negi** in the International Conference on Metaheuristics in Software Engineering and its applications (METASOFT 2022), March 11-12, hosted by the Department Computer Science and Engineering, Faculty of Engineering and Technology (ITER), Siksha 'O' Anusandhan deemed to be University, Bhubaneswar, Odisha, India.

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3rd International Conference
On
Innovative Research in Science, Management and Technology
(ICIRSMT 2021)

Organized By

Department of Computer Science and Application

Atal Bihari Vajpayee University, Bilaspur (C.G.), India

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Date 27-28 December, 2021

Certificate

This is to certify that Mr./Ms./Mrs./Dr./Prof. VAIBHAV KANT SINGH from GURU GHASIDAS VISHWAVIDYALAYA, INDIA presented a paper entitled "SVM USING RBF AS KERNEL FOR DIAGNOSIS OF BREAST CANCER" in 3rd International Conference on Innovative Research in Science, Management and Technology (ICIRSMT 2021) held during 27-28 December, 2021.

Dr. H.S. Hota
(Program Chair, ICIRSMT 2021)
Atal Bihari Vajpayee University, Bilaspur (C.G.), India

Dr. D.K. Sharma
(Program Chair, ICIRSMT 2021)
University of Maryland Eastern Shore, USA

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Certificate

This is to certify that Mr./Ms./Mrs./Dr./Prof. VAIBHAV KANT SINGH from GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G.), INDIA presented a paper entitled "SUPPORT VECTOR MACHINE USING RBF,POLYNOMIAL,LINEAR AND SIGMOID AS KERNEL TO DETECT DIABETES CASES AND TO MAKE A COMPARATIVE ANALYSIS OF THE MODELS" in 3rd International Conference on Innovative Research in Science, Management and Technology (ICIRSMT 2021) held during 27-28 December, 2021.

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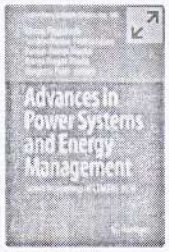

International Conference on Emerging Trends and Advances in Electrical Engineering and Renewable Energy

ETAEERE 2020: **Advances in Power Systems and Energy Management** pp 1–7

Comparative Study of Job Scheduling Algorithms in Grid Computing

M. Ashok Kumar, T. Sai Srinivas & Raksha Pandey

Conference paper | First Online: 21 January 2021

244 Accesses | 1 Citations

Part of the Lecture Notes in Electrical Engineering book series (LNEE,volume 690)

Abstract

Grid computing is a new generation of computing. It can be imagined as a combination of parallel and distributed computing. Task scheduling and resource scheduling are two broad areas of grid computing. Many work has been already done in the area of resource scheduling and job scheduling. Job scheduling plays a vital role in grid computing. In this paper, we made a survey on job scheduling algorithms and we present a comparative study.

Keywords

Grid computing **Load balancing**

Resource utilization **Scheduling** **Cost**

2018-19

Secure Data Transfer by Implementing Mixed Algorithms

Authors P Naga Hemanth, N Abhinay Raj, Nishi Yadav

Publication date 2019

BookRecent Findings in Intelligent Computing Techniques

Pages 79-85

Publisher Springer, Singapore

Description Nowadays, data sharing is a common need for the humans to transfer information. There are different security threats to be overcome while transmitting data in Internet. Cryptography helps to solve all the issues that are generated. The objective of this paper is to enhance the security level by using mixed security algorithms. This work is proposed of three parts—playfair algorithm of 9 × 6 matrix, RSA algorithm, and an XOR operation. The mixed algorithm enriches the security strength of individual symmetric and asymmetric algorithms. Also, this work yields good results in many parameters like message strength, key strength, encryption, and decryption time. The idea of mixed algorithms in cryptography is helpful for researchers in the nearby future.

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Enrichment of Security Using Hybrid Algorithm

Authors: Deeksha Ekka, Manisha Kumari, Nishi Yadav

Publication date: 2019

Book: International Conference on Computer Networks and Communication Technologies

Pages: 867-873

Publisher: Springer, Singapore

Description: In this paper, the concept of symmetric encryption method, AES (Advanced Encryption Standard) and asymmetric encryption method, RSA followed by an EX-OR operation are combined to introduce a new Hybrid Algorithm for the enrichment of data security over network. The proposed scheme adds up more complexity in data by increasing confusion and diffusion in ciphertext using AES for data encryption and RSA for key encryption. Thus, intruder will require more time to decrypt the text and it also resolves the brute-force attack, differential attack, and linear attack. The performance analysis of proposed scheme is done and compared with the AES and RSA on the basis of encryption and decryption time. The result shows that the proposed scheme takes less time for encryption process and more time for decryption process, hence it improves the security of the data.

Scholar articles: Enrichment of Security Using Hybrid Algorithm
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Implementation of Open Shortest Path First Version 3 (OSPFv3) with Encryption and Authentication in IPv6 Network

International Conference on Computer Networks and Communication Technologies pp 767-776 | Cite as

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Conference paper
First Online: 18 September 2018

Part of the Lecture Notes on Data Engineering and Communications Technologies book series (LNDECT, volume 15)

Abstract

With the huge use of smart devices, consumption of IPv4 is increased So, in that case, there is a demand of IPv6 to fulfill the demand. However, in modern days, all smart devices have options of this and due to use of IPV6, all the limitations of IPv4 are crossed. In this paper, we have considered the Open Shortest Path First version 3 (OSPFv3) and presented a topology which is implemented in IPv6 Network. The whole network topology is implemented in GNS3 and the results are obtained. In this network topology, we are finding the shortest path, encryption, and authentication between all nodes of network topology.

Keywords

OSPFv3 IPv6 ESP SHA1 3DES GNS3

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