



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

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Number of Conferences per teacher during the year 2021-2022

S.NO	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / international	ISBN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher	Relevant link
1	Dr. C. Srinivasa Kumar	Lecture Notes in Networks and Systems	An Optimized Fuzzy based Resource allocation for Cloud using secured Tabu Search Technique"	Innovations in Computer Science and Engineering Proceedings of the Ninth ICICSE, 2021	ICICSE 2021 (9th International Conference on Innovations in Computer Science and Engineering	International	978-981-16-8987-1	Vignan' s institute of Management and Technology For Women	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-16-8987-1_17
2	Dr. Samiran Chatterjee	Lecture Notes in Electrical Engineering	Analyze The DGS Antenna Structure	Proceedings of the 3rd International Conference on Communication, Devices and Computing ICCDC 2021	3rd International Conference on Communication, Devices and Computing	International	978-981-16-9154-6	Vignan' s institute of Management and Technology For Women	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-16-9154-6_53
3	Dr. Samiran Chatterjee	Lecture Notes in Electrical Engineering	Design of Fork Antenna	Proceedings of the 3rd International Conference on Communication, Devices and Computing ICCDC 2021	3rd International Conference on Communication, Devices and Computing	International	978-981-16-9154-6	Vignan' s institute of Management and Technology For Women	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-16-9154-6_58




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4	Dr. Samiran Chatterjee	Lecture Notes in Electrical Engineering	Design of Wilkinson Power Divider	Proceedings of the 3rd International Conference on Communication, Devices and Computing ICCDC 2021	3rd International Conference on Communication, Devices and Computing	International	978-981-16-9154-6	Vignan's institute of Management and Technology For Women	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-16-9154-6_59
5	Mr R. Krishna Nayak	Lecture Notes in Networks and Systems (LNNS, volume 385)	A Greedy Load Balancing Strategy with Optimal Constraints for Edge Computing in Industrial Cloud Environment	Innovations in Computer Science and Engineering Proceedings of the Ninth ICICSE, 2021	Innovations in Computer Science and Engineering	International	978-981-16-8986-4	Vignan's institute of Management and Technology For Women	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-16-8986-4#citeas
6	Dr. Samiran Chatterjee	Lecture Notes in Electrical Engineering (LNEE, volume 851)	Analyse Different Types of Connector for Design of MSA	Proceedings of the 3rd International Conference on Communication, Devices and Computing ICCDC 2021	3rd International Conference on Communication, Devices and Computing	International	978-981-16-9154-6	Vignan's institute of Management and Technology For Women	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-16-9154-6_61




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7	Mr.P.Rajendra Prasad	Lecture Notes in Networks and Systems (LNNS, volume 459)	An Integrated methodology of TsF KNN Based automated data classification and security for mobile Cloud Computing	Computer Communication, Networking and IoT Proceedings of 5th ICICC 2021, Volume 2	Computer Communication, Networking and IoT Proceedings of 5th ICICC 2021, Volume 2	International	978-981-19-1976-3	Vignans institute of Management and Technology For Women	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-19-1976-3_41
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Lecture Notes in Networks and Systems 385

H. S. Saini
Rishi Sayal
A. Govardhan
Rajkumar Buyya *Editors*

Innovations in Computer Science and Engineering

Proceedings of the Ninth ICICSE, 2021



<https://link.springer.com/book/10.1007/978-981-16-8987-1>



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An Optimized Fuzzy-Based Resource Allocation for Cloud Using Secured Tabu Search Technique



C. Srinivasa Kumar, Ranga Swamy Sirisati, M. Srinivasa Rao,
M. V. Narayana, and J. Rajeshwar

Abstract Cloud computing provides on-demand storage and high-performance computing services. There are many other types of services that virtual machines (VMs) can provide for all your requests, depending on the service provider's request for resources. Increasing energy consumption in cloud data centers is a big problem today. Problems with blockchain technology have affected cloud performance. In this work, selective appropriate terms included using the clock scheduling-based stochastic diffusion search (SDS) and optimized fuzzy-based resource allocation are presented.

Keywords Tabu security · Cloud computing · Optimized scheduling · Fuzzy

1 Introduction

Cloud system providers are responsible for managing these systems properly. The scheduler is responsible for selecting the best and most appropriate resources for the task, as well as certain types of static and dynamic parameters and limitations on such functions. In this work, minute-by-minute, maximum–minimum algorithm, and fuzzy schedule are presented. The bottom algorithm considers all unsigned tasks

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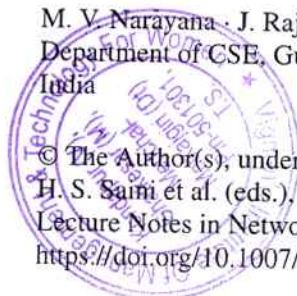
Department of CSE, Guru Nanak Institutions Technical Campus (Autonomous), Ibrahimpatnam, India

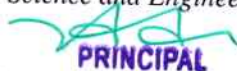
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H. S. Saini et al. (eds.), *Innovations in Computer Science and Engineering*,

Lecture Notes in Networks and Systems 385,

https://doi.org/10.1007/978-981-16-8987-1_17




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Lecture Notes in Electrical Engineering 851

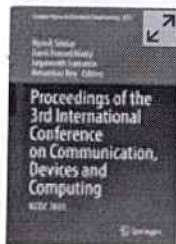
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Proceedings of the 3rd International Conference on Communication, Devices and Computing

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Proceedings of the 3rd International Conference on Communication, Devices and Computing pp 567–573

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Analyze DGS Antenna Structure

[Samiran Chatterjee](#), [Uppuluri Shyamala Seshadri](#), [R. Vani](#) & [K. Pravallika](#)

Conference paper | [First Online: 18 February 2022](#)

275 Accesses

Part of the [Lecture Notes in Electrical Engineering](#) book series (LNEE, volume 851)

Abstract

Here, we proposed the single feed, dual-layer DGS microstrip antenna for application of any microwave band frequency. In this proposed antenna, antenna consists of cutting two rectangular slots in addition with one circular slot from the patch and added some small rectangular slits with the slots and add two rectangular slits in top layer. Same as from bottom layer use *H*-shaped slots. The proposed antenna simulated with high return loss, increased frequency ratio and VSWR within 2:1 range. From the above-mentioned design of proposed antenna, we achieved a resonant


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Lecture Notes in Electrical Engineering 851

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Santi Prasad Maity
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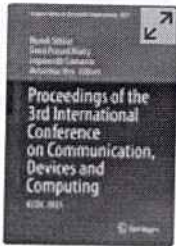
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Proceedings of the 3rd International Conference on Communication, Devices and Computing, pp 631–639

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Design of Fork Antenna

[Samiran Chatterjee](#), [Kulsum Khanam Nayyar](#), [Vemireddy Ramya Sree](#) & [S. Teja](#)

Conference paper | [First Online: 18 February 2022](#)

270 Accesses

Part of the [Lecture Notes in Electrical Engineering](#) book series (LNEE, volume 851)

Abstract

Here, we propose single layer, triple-feed four elements fork array antenna which uses transmission line feed and suitable for different application. The proposed design presents with high return loss and 2:1 VSWR range. This project achieves good result when port 1 and 2 acts as an active port, and port 3 acts as a parasitic element. At the above-mentioned condition, we achieved two resonant frequencies of about 4.37 GHz and 5.31 GHz with -37.2 dB and -65.36 dB return loss respectively. Also -10 dB bandwidth of about 4.69 GHz shows the proposed structure uses as


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Lecture Notes in Electrical Engineering 851

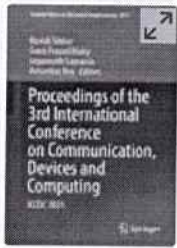
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Proceedings of the 3rd International Conference on Communication, Devices and Computing pp 641–647

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Design of Wilkinson Power Divider

[Samiran Chatterjee](#), [Yasaswi Sowmya Tungaturti](#), [Rachana Mahendrakar](#), [G. Naga Sai Bhavani](#) & [P. Priyanka](#)

Conference paper | [First Online: 18 February 2022](#)

301 Accesses

Part of the [Lecture Notes in Electrical Engineering](#) book series (LNEE, volume 851)

Abstract

Here, proposes single sided Wilkinson power divider with three transmission line feed. One feed uses as an input port and other two uses as an output port. Here also analyzed that there will be no coupling error between two output ports. The power divider presents in this project with high return loss and VSWR in between 2:1 range. This work achieves good result when port 1 acts as an active port, and other two ports act as a parasitic element. At the above mentioned, condition achieved a resonant frequency of about 5.23 GHz with – 17.69 dB return loss. For the above


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Lecture Notes in Networks and Systems 385

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Proceedings of the Ninth ICICSE, 2021




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Book
cover

Innovations in Computer Science and Engineering pp 31–38

A Greedy Load Balancing Strategy with Optimal Constraints for Edge Computing in Industrial Cloud Environment

R. Krishna Nayak  & G. Srinivasarao

Conference paper | First Online: 26 March 2022

64 *Accesses*

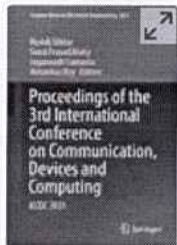
Part of the Lecture Notes in Networks and Systems book series (LNNS, volume 385)

Abstract

Edge computing has gained popularity as the industrial Internet has expanded due to its reduced latency. Some problems, such as task workload management, continue to be troublesome. This article looks at a distributed industrial cloud system with the help of edge computing. The system suggests an alternative static load balancing approach with restrictions to compensate for the drawbacks of dynamic load balancing. It is divided into the following stages to put this plan into action. First, in the first stage, the queue theory is introduced to predict how long it will take to finish a task. The article formulates and solves the




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Proceedings of the 3rd International Conference on Communication, Devices and Computing pp 663–673

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Analyze Different Types of Connector for Design of MSA

[Samiran Chatterjee](#), [Mukundu Mounika](#), [Patlolla Akhila](#), [Veeramalla Pratyusha](#) & [Korni Madhavi](#)

Conference paper | [First Online: 18 February 2022](#)

266 Accesses

Part of the [Lecture Notes in Electrical Engineering](#) book series (LNEE, volume 851)

Abstract

In this major project, proposed the analysis of different feeding techniques and try to find that which feeding technique is better in terms of connector. Here in this project proposed antenna analyzed by use of different connector with different feeding techniques. In antenna structure, is applying two feeding methods i.e. Transmission Line feeding and co-axial feeding and also use different connector for different feeding methods. For transmission line feeding uses both transmission line connector and CPW (Co-planar


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Lecture Notes in Networks and Systems 459

Suresh Chandra Satapathy ·
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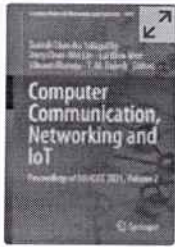
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Computer Communication, Networking and IoT pp 329–338

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An Integrated Methodology of TsF-KNN-Based Automated Data Classification and Security for Mobile Cloud Computing

[P. Rajendra Prasad](#) , [V. Rupa](#) & [K. Helini](#)

Conference paper | [First Online: 05 October 2022](#)

171 Accesses

Part of the [Lecture Notes in Networks and Systems](#) book series (LNNS, volume 459)

Abstract

In present days, most of the communication systems need the cloud technology. The data is transferred between the number of devices, so there is a chance of threats in the transformation of data. This can be prevented by using the data protection techniques. The security of the communication is required and personal data can take more interest on this security of big data mobility. The present systems which provide the security are not having that much of efficiency




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