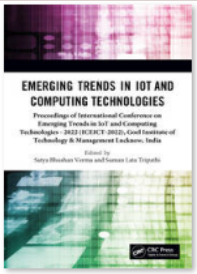
Book Chapter



Book

Emerging Trends in IoT and Computing Technologies

Proceedings of the International Conference on Emerging Trends in IoT and Computing Technologies (ICEICT-2022), April 22-23, 2022, Lucknow, India

Edited By Suman Lata Tripathi, Devendra Agarwal, Satya Bhushan Verma, Smrity Dwivedi, Kolla Bhanu Prakash, Bipin kumar Singh

Edition	1st Edition
First Published	2023
eBook Published	15 June 2023
Pub. Location	London
Imprint	Routledge
DOI	https://doi.org/10.1201/9781003350057
Pages	338
eBook ISBN	9781003350057
Subjects	CRC/IHC Default Subject Code, Computer Science, Engineering & Technology

ABSTRACT

This book includes the proceedings of the International Conference on Emerging Trends in IoT and Computing Technologies (ICEICT-2022) held at Goel Institute of Technology & Management, Lucknow, India.

TABLE OF CONTENTS

A comparative study on conversion of hand gestures to text and speech for blind, deaf, and mute people

GET ACCESS

By Ved Gupta, Richa Sharma, Sonam, Kapan Jaiswal

Abstract

Chapter 8 | 6 pages

A review on phytochemistry and pharmacological activity of Allamanda blanchetii

GET ACCESS

By Deepti Upadhyay, Arun Kumar Tiwari, Anshika Bharti, Amit Kaushik

Abstract

Chapter 9 | 7 pages

Hourly solar irradiation forecasting utilising ANFIS and simulated annealing ANFIS

GET ACCESS

By Swatika Srivastava, Mohd Shariq Ansari, Tanu Dhusia, Ravi Jaiswal, Poonam Yadav

Abstract

Chapter 10 | 7 pages

Perceiving the emotions from the short-text using machine learning classifiers

GET ACCESS

Chapter 54 | 9 pages

Quantum chemical study of thiazole derivative cyclobutyl molecule C18H18N2O3S

GET ACCESS

By Anoop Kumar Pandey, Ankit Kumar Sharma, Avinash Mishra, Satyendra Nath Tiwari, Vijay Singh

Abstract

Chapter 55 | 8 pages

Simulation study of small signal common source amplifier using series and parallel networks of like fetes through PSPICE

GET ACCESS

By Mohiuddin K Ghouse, Monauwer Alam, Naim R Kidwai, Satyendra Nath Tiwari

Abstract

Chapter 56 | 7 pages

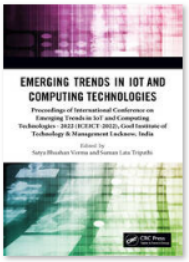
A multimodal approach of information access and retrieval using neutrosophic sets

GET ACCESS

By Mohd Anas Wajid, Aasim Zafar

Abstract

First page of Chapter



Chapter

Simulation study of small signal common source amplifier using series and parallel networks of like fetes through PSPICE

By Mohiuddin K Ghouse, Monauwer Alam, Naim R Kidwai, Satyendra Nath Tiwari

Book Emerging Trends in IoT and Computing Technologies

By Mohiuddin K Ghouse, Monauwer Alam, Naim R Kidwai, Satyendra Nath Tiwari

Book Emerging Trends in IoT and Computing Technologies

Edition	1st Edition
First Published	2023
Imprint	Routledge
Pages	8
eBook ISBN	9781003350057

ABSTRACT

Common Source FET amplifiers are one of the popular amplifiers used in smallsignal amplification of analogue electronics circuits. Study of common source FET amplifier circuit with modifying the various components possibly produce useful results which will be used in enhancing the circuit designs based on applications needs. Frequency response, voltage gain, input impendence, power dissipation of RC coupled FET common source amplifier are studied by using network of FETs connected in series and parallel with PSpice simulation software