



All

Search within Publication



ADVANCED SEARCH

Quick Links

Search for Upcoming Conferences Browse Conferences > Advancement in Technology (ICO... > 2022 International Conference ... IEEE Publication Recommender

IEEE Author Center

Advancement in Technology (ICONAT), International Conference for Proceedings

The proceedings of this conference will be available for purchase through Curran Associates.



Advancement in Technology (ICONAT),2022 International Conference for

Copy Persistent Browse Title List Sign up for Conference Alerts Print on Demand Purchase at Partner

Proceedings

All Proceedings

Popular

2022 International Conference for Advancement in Technology (ICONAT)

DOI: 10.1109/ICONAT53423.2022

21-22 Jan. 2022

Search within results

Download PDFs Per Page: 1 Per Page 25 Export Email Selected Results

Showing 76-100 of 311

Filter

sort: Sort Sequence

Email

Refine

Author

Affiliation

Multi Class Classification of Acute Leukemia using Transfer Learning Arjun Abhishek; Naveen Santhanam; Rajib Kumar Jha; Ruchi Sinha; Kamlesh Jha Publication Year: 2022 , Page(s): 1 - 6

Multi Class Classification of Acute Leukemia using Transfer Learning Arjun Abhishek; Naveen Santhanam; Rajib Kumar Jha; Ruchi Sinha; Kamlesh Jha 2022 International Conference for Advancement in Technology (ICONAT) Year: 2022

Marginal Contribution of Active and Reactive Power in Allocation of Distribution Losses Kushal Manoharrao Jagtap Publication Year: 2022 , Page(s): 1 - 5

Marginal Contribution of Active and Reactive Power in Allocation of Distribution Losses Kushal Manoharrao Jagtap

Quick Links

Search for Upcoming Conferences IEEE Publication Recommender IEEE Author Center


Proceedings

The proceedings of this conference will be available for purchase through Curran Associates.

Advancement in Technology (ICONAT),2022 International Conference for


Print on Demand **Purchase at Partner**

2022 International Conference for Advancement in Technology (ICONAT)
Year: 2022


- Artificial Neural Networks Based Power Management Scheme with Enhanced Stability for a Solar Panel/Wind Turbine Generator/Fuel cell/Battery/ Power Supply Designed for Industrial Loads** 

Rupali Parabhane; Sangita Patil; Nikita Omase
Publication Year: 2022 , Page(s): 1 - 7

▶ Abstract **HTML**  

- Artificial Neural Networks Based Power Management Scheme with Enhanced Stability for a Solar Panel/Wind Turbine Generator/Fuel cell/Battery/ Power Supply Designed for Industrial Loads 

Rupali Parabhane; Sangita Patil; Nikita Omase
2022 International Conference for Advancement in Technology (ICONAT)
Year: 2022


- IoT Based Weather Monitoring System for Smart Cities: A Comprehensive Review** 

Samriddhi Banara; Teena Singh; Anamika Chauhan
Publication Year: 2022 , Page(s): 1 - 6

▶ Abstract **HTML**  


- IoT Based Weather Monitoring System for Smart Cities: A Comprehensive Review 

Samriddhi Banara; Teena Singh; Anamika Chauhan
2022 International Conference for Advancement in Technology (ICONAT)
Year: 2022

- Modelling and Performance Evaluation of MPPT Based Solar PV System Under Dynamic Weather Condition in MATLAB/Simulink Environment** 

Snehashis Ghoshal; Sumit Banerjee; Chandan Kumar Chanda
Publication Year: 2022 , Page(s): 1 - 6
Cited by: Papers (1)

▶ Abstract **HTML**  


- Modelling and Performance Evaluation of MPPT Based Solar PV System Under Dynamic Weather Condition in MATLAB/Simulink Environment 

Snehashis Ghoshal; Sumit Banerjee;
Chandan Kumar Chanda
2022 International Conference for Advancement in Technology (ICONAT)
Year: 2022





- Design of Combinational Logic Circuits using Simulated Annealing** 





Pavitra Y J; Jamuna S; Manikandan J; Arun E
Publication Year: 2022 , Page(s): 1 - 6





▶ Abstract **HTML**  





- Design of Combinational Logic Circuits using Simulated Annealing 





Pavitra Y J; Jamuna S; Manikandan J; Arun E
2022 International Conference for Advancement in Technology (ICONAT)
Year: 2022

- A Case Study on VSC-HVDC Converter Outage using Current Modulation approach in AC-DC Networks to Restore Frequency Stability** 
Ashima Taneja; Radheshyam Saha; Madhusudan Singh
Publication Year: 2022 , Page(s): 1 - 6
- ▶ Abstract **HTML**  
- A Case Study on VSC-HVDC Converter Outage using Current Modulation approach in AC-DC Networks to Restore Frequency Stability** 
Ashima Taneja; Radheshyam Saha; Madhusudan Singh
2022 International Conference for Advancement in Technology (ICONAT)
Year: 2022
-

- Predicting Multi-level Classification of Breast Cancer Image by using Three FCM Variants** 
Vandana Kate; Pragya Shukla
Publication Year: 2022 , Page(s): 1 - 6
- ▶ Abstract **HTML**  
- Predicting Multi-level Classification of Breast Cancer Image by using Three FCM Variants** 
Vandana Kate; Pragya Shukla
2022 International Conference for Advancement in Technology (ICONAT)
Year: 2022
-

- Performance Analysis of a Solar-Fed Induction Motor Drive under Various PV Array Fault Conditions** 
Karthickraja J; Senthamizh Selvan S; Venkadesan A
Publication Year: 2022 , Page(s): 1 - 6
- ▶ Abstract **HTML**  
- Performance Analysis of a Solar-Fed Induction Motor Drive under Various PV Array Fault Conditions** 
Karthickraja J; Senthamizh Selvan S; Venkadesan A
2022 International Conference for Advancement in Technology (ICONAT)
Year: 2022
-

- DC and Analog/RF Performance Analysis of Multi-Bridge Channel FET with Variation in Gate Work Function** 
Nisha Yadav; Sunil Jadav; Gaurav Saini
Publication Year: 2022 , Page(s): 1 - 4
- ▶ Abstract **HTML**  
- DC and Analog/RF Performance Analysis of Multi-Bridge Channel FET with Variation in Gate Work Function** 
Nisha Yadav; Sunil Jadav; Gaurav Saini
2022 International Conference for Advancement in Technology (ICONAT)
Year: 2022
-

- Wagon wheel Fiber based Surface Plasmon Resonance Biosensors with bimetallic spatially deposited metal layers** 
Ankur Gupta; Ankit Singh; Rajat Kumar Singh; Akhilesh Tiwari
Publication Year: 2022 , Page(s): 1 - 6
- ▶ Abstract **HTML**  
- Wagon wheel Fiber based Surface Plasmon Resonance Biosensors with bimetallic spatially** 

deposited metal layers



Ankur Gupta; Ankit Singh; Rajat Kumar Singh;
Akhilesh Tiwari
2022 International Conference for Advancement in
Technology (ICONAT)
Year: 2022

-
- Fuel Cell Based DC-AC Single Phase QZSI for Low Voltage Grid Utility**

Shilpa B. Sarode; Sumant G. Kadwane; Ritesh. K. Keshri;
Aniket Pathade
Publication Year: 2022 , Page(s): 1 - 6

▶ Abstract **HTML**

- Fuel Cell Based DC-AC Single Phase QZSI for Low Voltage Grid Utility**

Shilpa B. Sarode; Sumant G. Kadwane; Ritesh. K. Keshri;
Aniket Pathade
2022 International Conference for Advancement in
Technology (ICONAT)
Year: 2022

-
- Self-Supervised Depth Enhancement**

Akshat Ramachandran; Rizwan Ahmed Ansari
Publication Year: 2022 , Page(s): 1 - 6

▶ Abstract **HTML**

- Self-Supervised Depth Enhancement**

Akshat Ramachandran; Rizwan Ahmed Ansari
2022 International Conference for Advancement in
Technology (ICONAT)
Year: 2022

-
- A Systematic Survey on Music Composition Using Artificial Intelligence**

Madiha Mansoori; Rajiv Murali
Publication Year: 2022 , Page(s): 1 - 8

▶ Abstract **HTML**

- A Systematic Survey on Music Composition Using Artificial Intelligence**

Madiha Mansoori; Rajiv Murali
2022 International Conference for Advancement in
Technology (ICONAT)
Year: 2022

-
- Detecting Different Thoracic Disease Using CNN-Model**

Richa Tiwari; Monika Verma; Sumit Kumar Sar
Publication Year: 2022 , Page(s): 1 - 11

▶ Abstract **HTML**


- Detecting Different Thoracic Disease Using CNN-Model**


Richa Tiwari; Monika Verma; Sumit Kumar Sar
2022 International Conference for Advancement in
Technology (ICONAT)
Year: 2022


-
- Linear Controller Design for Generic Air-Breathing Hypersonic Vehicle for different Control Inputs**


Ritesh Singh; Om Prakash; Sudhir Joshi; Yogananda Jeppu
Publication Year: 2022 , Page(s): 1 - 6


▶ Abstract **HTML**


- Linear Controller Design for Generic Air-Breathing Hypersonic Vehicle for different Control Inputs** 
Ritesh Singh; Om Prakash; Sudhir Joshi; Yogananda Jeppu
2022 International Conference for Advancement in Technology (ICONAT)
Year: 2022


-
- Collaborative Learning : A Case Study on Information Security and Auditing Management Course** 
R. Parkavi; P. Karthikeyan; A. Sheik Abdullah
Publication Year: 2022 , Page(s): 1 - 7


- Collaborative Learning : A Case Study on Information Security and Auditing Management Course** 
R. Parkavi; P. Karthikeyan; A. Sheik Abdullah
2022 International Conference for Advancement in Technology (ICONAT)
Year: 2022


-
- A Comparative Analysis of Various Stochastic approaches for Short Term Load Forecasting** 
B V Surya Vardhan; Mohan Khedkar; Kamini Shahare
Publication Year: 2022 , Page(s): 1 - 6

- A Comparative Analysis of Various Stochastic approaches for Short Term Load Forecasting** 
B V Surya Vardhan; Mohan Khedkar; Kamini Shahare
2022 International Conference for Advancement in Technology (ICONAT)
Year: 2022

-
- Extraction of 5 Parameters of Single Diode Model with and without Optimisation Method Along With I-V And P-V Characteristics Behavior** 
Supriya Ramachandra Patil; Rahul Agrawal
Publication Year: 2022 , Page(s): 1 - 8

- Extraction of 5 Parameters of Single Diode Model with and without Optimisation Method Along With I-V And P-V Characteristics Behavior** 
Supriya Ramachandra Patil; Rahul Agrawal
2022 International Conference for Advancement in Technology (ICONAT)
Year: 2022

-
- An App for Fungal Disease Detection on Plants** 
Raj Kishen Moloo; Keshav Caleechurn
Publication Year: 2022 , Page(s): 1 - 5
Cited by: Papers (1)

- An App for Fungal Disease Detection on Plants** 
Raj Kishen Moloo; Keshav Caleechurn
2022 International Conference for Advancement in Technology (ICONAT)
Year: 2022

-
- A Mobile Application for Fruit Fly Identification Using Deep** 


Transfer Learning: A Case Study for Mauritius

Kaviraj Gosaye; Raj Kishen Moloo

Publication Year: 2022 , Page(s): 1 - 5

Cited by: Papers (1)

▶ Abstract **HTML**  

- A Mobile Application for Fruit Fly Identification Using Deep Transfer Learning: A Case Study for Mauritius** 

Kaviraj Gosaye; Raj Kishen Moloo

2022 International Conference for Advancement in Technology (ICONAT)

Year: 2022

-
- A Generic Contact Tracing Framework** 
Yuvraj Chiranjiv Seegolam; Raj Kishen Moloo
Publication Year: 2022 , Page(s): 1 - 5


▶ Abstract **HTML**  

- A Generic Contact Tracing Framework** 


Yuvraj Chiranjiv Seegolam; Raj Kishen Moloo

2022 International Conference for Advancement in Technology (ICONAT)

Year: 2022

-
- The Comparison of the Dry Electrodes to wet Ag/AgCl electrode for Decoding Imagined Speech from the EEG** 
Umesh Mhapankar; Milind Shah
Publication Year: 2022 , Page(s): 1 - 6
Cited by: Papers (1)


▶ Abstract **HTML**  

- The Comparison of the Dry Electrodes to wet Ag/AgCl electrode for Decoding Imagined Speech from the EEG** 


Umesh Mhapankar; Milind Shah

2022 International Conference for Advancement in Technology (ICONAT)

Year: 2022

-
- Machine Learning Models for Predicting and Clustering Customer Churn Based on Boosting Algorithms and Gaussian Mixture Model** 
Aditi Vakeel; Neha Reddy Vantari; Sai Nivas Reddy;
Rishith Muthyapu; Ameet Chavan
Publication Year: 2022 , Page(s): 1 - 5

▶ Abstract **HTML**  

- Machine Learning Models for Predicting and Clustering Customer Churn Based on Boosting Algorithms and Gaussian Mixture Model** 

Aditi Vakeel; Neha Reddy Vantari; Sai Nivas Reddy;

Rishith Muthyapu; Ameet Chavan

2022 International Conference for Advancement in Technology (ICONAT)

Year: 2022

-
- The Role of Medical Imaging in COVID-19 Detection and Diagnosis: A Review** 
Rahulsingh G. Bisen; Nikita S. Pande; Archana M. Rajurkar
Publication Year: 2022 , Page(s): 1 - 7

▶ Abstract **HTML**  

- The Role of Medical Imaging in COVID-19** 

Detection and Diagnosis: A Review



Rahulsingh G. Bisen; Nikita S. Pande; Archana M. Rajurkar
2022 International Conference for Advancement in
Technology (ICONAT)
Year: 2022

Load More

< 1 2 3 4 5 6 7 8 9 10 > Next

IEEE Personal Account

CHANGE
USERNAME/PASSWORD

Purchase Details

PAYMENT OPTIONS
VIEW PURCHASED
DOCUMENTS

Profile Information


COMMUNICATIONS
PREFERENCES
PROFESSION AND
EDUCATION
TECHNICAL INTERESTS

Need Help?

US & CANADA: +1 800 678
4333
WORLDWIDE: +1 732 981
0060
CONTACT & SUPPORT

Follow



[About IEEE Xplore](#) | [Contact Us](#) | [Help](#) | [Accessibility](#) | [Terms of Use](#) | [Nondiscrimination Policy](#) | [IEEE Ethics Reporting](#)  | [Sitemap](#) | [IEEE Privacy Policy](#)

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2022 IEEE - All rights reserved.

IEEE Account

» Change Username/Password
» Update Address

Purchase Details

» Payment Options
» Order History
» View Purchased Documents

Profile Information

» Communications Preferences
» Profession and Education
» Technical Interests

Need Help?

» **US & Canada:** +1 800 678 4333
» **Worldwide:** +1 732 981 0060
» Contact & Support

[About IEEE Xplore](#) | [Contact Us](#) | [Help](#) | [Accessibility](#) | [Terms of Use](#) | [Nondiscrimination Policy](#) | [Sitemap](#) | [Privacy & Opting Out of Cookies](#)

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2022 IEEE - All rights reserved. Use of this web site signifies your agreement to the terms and conditions.



All



ADVANCED SEARCH

Conferences > 2022 International Conference... ?

Modelling and Performance Evaluation of MPPT Based Solar PV System Under Dynamic Weather Condition in MATLAB/Simulink Environment

Publisher: IEEE

Cite This

PDF

Snehashis Ghoshal ; Sumit Banerjee ; Chandan Kumar Chanda All Authors

1 Paper Citation

44 Full Text Views



Alerts

Manage Content Alerts

Add to Citation Alerts

More Like This

Maximum Power Point Tracker (MPPT) for Photovoltaic Power Systems-A Systematic Literature Review
2018 European Control Conference (ECC)
Published: 2018

An Effective Hybrid Maximum Power Point Tracker of Photovoltaic Arrays for Complex Partial Shading Conditions
IEEE Transactions on Industrial Electronics
Published: 2019

Show More

Abstract



Download PDF

Document Sections

- I. Introduction
- II. Photovoltaic System
- III. Model Formulation of Mppt
- IV. Results
- V. Conclusion

Show Full Outline

Abstract:System reliability of a solar photovoltaic system increases to a great extent on its operation under maximum power condition. In this aspect Maximum Power Point Tracking ... **View more**

Metadata

Abstract: System reliability of a solar photovoltaic system increases to a great extent on its operation under maximum power condition. In this aspect Maximum Power Point Tracking (MPPT) plays a key-role to extract maximum yield power as it keeps the operating point of the system at the maxima of the P-V curve during weather variation. In the present study, a comprehensive analysis is carried out with Incremental Conductance (INC) method using different power electronic interface (buck, boost and buck boost) in a PV system to assess the MPPT in dynamic weather condition. This algorithm actuates a controller which controls the operation of a power electronic interface to obtain a stable output as well as increased system reliability. The algorithm provides satisfactory result under variable irradiation with the help of INC method

Published in: 2022 International Conference for Advancement in Technology (ICONAT)

Date of Conference: 21-22 January 2022 **INSPEC Accession Number:** 21660948

Authors

Figures

References

Citations

Keywords

Metrics

More Like This

Date Added to IEEE Xplore: 10 March DOI:

2022

10.1109/ICONAT53423.2022.9725899

▼ ISBN Information:

Electronic

ISBN:978-1-6654-2577-3

Print on Demand(PoD)

ISBN:978-1-6654-2578-0

Publisher: IEEE

Conference Location: Goa, India

Snehashis Ghoshal

Department of Electrical Engineering, Dr. B.C. Roy Engineering College,
Durgapur, West Bengal, India

Sumit Banerjee

Department of Electrical Engineering, Dr. B.C. Roy Engineering College,
Durgapur, West Bengal, India

Chandan Kumar Chanda

Department of Electrical Engineering, Shibpur

 Contents

I. Introduction

In modern times per capita energy consumption is a deterministic parameter in assessing the socio-economic growth for a particular nation. With significant energy scenario has been drastically changed globally. Development in various sectors demands for more energy since the last century.

Authors 

Snehashis Ghoshal

Department of Electrical Engineering, Dr. B.C. Roy Engineering College,
Durgapur, West Bengal, India

Sumit Banerjee

Department of Electrical Engineering, Dr. B.C. Roy Engineering College,
Durgapur, West Bengal, India

Chandan Kumar Chanda

Department of Electrical Engineering, Shibpur

Figures 

References 

Citations 

Keywords 

Metrics 

IEEE Personal Account

CHANGE
USERNAME/PASSWORD

Purchase Details

PAYMENT OPTIONS
VIEW PURCHASED
DOCUMENTS

Profile Information

COMMUNICATIONS
PREFERENCES
PROFESSION AND
EDUCATION
TECHNICAL INTERESTS

Need Help?

US & CANADA: +1 800 678
4333

WORLDWIDE: +1 732 981
0060

CONTACT & SUPPORT

Follow

[About IEEE Xplore](#) | [Contact Us](#) | [Help](#) | [Accessibility](#) | [Terms of Use](#) | [Nondiscrimination Policy](#) | [IEEE Ethics Reporting](#)  | [Sitemap](#) | [IEEE Privacy Policy](#)

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2022 IEEE - All rights reserved.

IEEE Account

- » [Change Username/Password](#)
- » [Update Address](#)

Purchase Details

- » [Payment Options](#)
- » [Order History](#)
- » [View Purchased Documents](#)

Profile Information

- » [Communications Preferences](#)
- » [Profession and Education](#)
- » [Technical Interests](#)

Need Help?

- » **US & Canada:** +1 800 678 4333
- » **Worldwide:** +1 732 981 0060
- » [Contact & Support](#)

[About IEEE Xplore](#) | [Contact Us](#) | [Help](#) | [Accessibility](#) | [Terms of Use](#) | [Nondiscrimination Policy](#) | [Sitemap](#) | [Privacy & Opting Out of Cookies](#)

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2022 IEEE - All rights reserved. Use of this web site signifies your agreement to the terms and conditions.