CHITKARA
UNIVERSITY

IEEE
Delhi Section | IEEE

2nd Edition

DELCON 2023

An IEEE Delhi section owned conference

TRACK NAME	:	Track 1.1 - Data Science, Computing and Advanced Analytics
SESSION CHAIR	:	Prof. (Dr.) M N Hoda and Dr. Pradeepta Sarangi
DATE & Time	:	Feb 24, 03:00PM to 04:30PM

BEST PAPER

Paper Title

Crop Recommendation Application Using Ensemble Classifiers

Paper ID
230

CHITKARA UNIVERSITY

IEEE Delhi Section | IEEE

2nd Edition
DELCON 2023
An IEEE Delhi section owned conference

TRACK NAME : Track 1.2 - Data Science, Computing and Advanced Analytics

SESSION CHAIR : Mr. Daman Dev Sood and Dr. Rupali Gill

DATE & Time : Feb 24, 03:00PM to 04:30PM

BEST PAPER

Paper Title

OptSpec: Optimization of Specifications Data for Engine Anatomy

Paper ID
151

CHITKARA UNIVERSITY

IEEE Delhi Section | IEEE

2nd Edition

DELCON 2023

An IEEE Delhi section owned conference

TRACK NAME : Track 2 - Communications and Signal Processing

SESSION CHAIR : Dr. V. R. Singh, Dr. Shiban Koul and Dr. Ashu Verma

DATE & Time : Feb 24, 03:00PM to 04:30PM

BEST PAPER

Paper Title

Fragmentation-Aware RCSA Algorithm for Fair Spectrum Allocation in SDM-EON

Paper ID
210

CHITKARA UNIVERSITY

IEEE Delhi Section | **IEEE**

2nd Edition

DELCON 2023

An IEEE Delhi section owned conference

TRACK NAME : Track 3 - Devices, Circuits, Systems and VLSI Technologies

SESSION CHAIR : Prof. (Dr.) A Q Ansari, Prof. (Dr.) Sneha Kabra and Dr. K K Mishra

DATE & Time : Feb 24, 03:00PM to 04:30PM

BEST PAPER

Paper Title

Comparative Analysis of TCAD Augmented ML Algorithms in Modeling of AlGaN/GaN HEMTs

Paper ID

137

2nd Edition

DELCON 2023

An IEEE Delhi section owned conference

TRACK NAME   : Track 4 - Industrial and Commercial Applications of Technologies

SESSION CHAIR : Dr. Subrata Mukhopadhyay and Prof. (Dr.) Prerna Gaur

DATE & Time   : Feb 24, 03:00PM to 04:30PM

BEST PAPER

Paper Title

A Study on Impacts of Ambient Lights and Skin Tone for Contactless Blood Oxygen Measurement using Visible Spectrum Facial Videos

Paper ID

213

CHITKARA UNIVERSITY

IEEE Delhi Section | IEEE

2nd Edition

DELCON 2023

An IEEE Delhi section owned conference

TRACK NAME : Track 5 - Engineering Education

SESSION CHAIR : Dr. Shruti Jain and Dr. Vijayalakshmi M.

DATE & Time : Feb 24, 03:00PM to 04:30PM

BEST PAPER

Paper Title

Understanding the Influence of Students' Emotions in Academic Success

Paper ID

201

2nd Edition

DELCON 2023

An IEEE Delhi section owned conference

TRACK NAME   : Track 1.1 - Data Science, Computing and Advanced Analytics

SESSION CHAIR : Dr. Gururaj HL and Dr. Vikas Khullar

DATE & Time   : Feb 25, 02:15PM to 04:30PM

BEST PAPER

Paper Title

Iris and Periocular Recognition using Shape Descriptors and Local Invariant Features

Paper ID

263

2nd Edition

DELCON 2023

An IEEE Delhi section owned conference

TRACK NAME   :   Track 1.2 - Data Science, Computing and Advanced Analytics

SESSION CHAIR   :   Dr. Rahul Johri and Dr. Rupali Gill

DATE & Time   :   Feb 25, 02:15PM to 04:30PM

BEST PAPER

Paper Title

Sound AI Engine for Detection and Classification of Overlapping Sounds in Home Environment

Paper ID

49

2nd Edition

DELCON 2023

An IEEE Delhi section owned conference

TRACK NAME : Track 2 - Communications and Signal Processing

SESSION CHAIR : Prof. (Dr.) T.L. Singhal and Dr. Harsimran Kaur

DATE & Time : Feb 25, 02:15PM to 04:30PM

BEST PAPER

Paper Title

Opportunistic Interference Alignment for Cognitive MIMO-NOMA Downlink Networks

Paper ID

221

CHITKARA UNIVERSITY

IEEE Delhi Section | **IEEE**

2nd Edition

DELCON 2023

An IEEE Delhi section owned conference

TRACK NAME   :   Track 3 - Devices, Circuits, Systems and VLSI Technologies
SESSION CHAIR :   Dr. Angsuman Sarkar and Dr. Manash Chanda
DATE & Time   :   Feb 25, 02:15PM to 04:30PM

BEST PAPER

Paper Title
DC, RF and Noise Characterization of AlGaN/GaN HEMT

Paper ID
187

2nd Edition

DELCON 2023

An IEEE Delhi section owned conference

TRACK NAME : Track 3 - Devices, Circuits, Systems and VLSI Technologies
SESSION CHAIR : Dr. Angsuman Sarkar
DATE & Time : Feb 26, 10:00AM to 12:30PM

BEST PAPER

Paper Title

Design of Error Tolerant Subtractor using Truncation Approximation Technique

Paper ID
198

IEEE
Delhi Section | IEEE

2nd Edition

DELCON 2023

An IEEE Delhi section owned conference

TRACK NAME : Track 4 - Industrial and Commercial Applications of Technologies

SESSION CHAIR : Dr. Subrata Mukhopadhyay

DATE & Time : Feb 26, 10:00AM to 12:30PM

BEST PAPER

Paper Title

Modelling and Simulation of a Bi-Directional DC to DC Converter System

Paper ID
80

IEEE Delhi Section | IEEE

2nd Edition

DELCON 2023

An IEEE Delhi section owned conference

TRACK NAME   :   Track 1 - Data Science, Computing and Advanced Analytics
SESSION CHAIR   :   Dr. Gagandeep Jagdev
DATE & Time   :   Feb 26, 10:00AM to 12:30PM

BEST PAPER

Paper Title
Paddy Yield Forecasting using Regression Techniques

Paper ID
215