



ICPEE 2023

PROGRAM

(All the sessions will be made in blended mode & venue for keynote/ special session is in seminar hall 1, campus 6, KIIT-DU for physical mode)

DAY 1

(3rd January 2023, Tuesday)

9:00 AM Registration: Lobby of Seminar Hall 1 (Campus 6)
 10:00 AM High Tea (Kunjaban, Campus 6)
 10:30 AM Parallel Session-01 (Conference Hall No -1, 2 (Campus 6)
Parallel Session -1A (Theme: Application of Artificial Intelligence in Electrical Engineering , Venue: Conference Hall - 1)

Session Coordinator: Prof. Subrat Behera, KIIT-DU Session Chairs: Dr. Om Hari Gupta, NIT Jamshedpur, Dr. Srikanth Allamshetty, NIT Silchar Offline Authors: Physical mode, Conference Hall 1, Campus 6 Online Authors: Online mode through Zoom			
Topic: Meeting102 zoom's Zoom Meeting Join Zoom Meeting https://kiit-ac-in.zoom.us/j/7047776553?pwd=OVRCNFNRNmFEZGZRYlhocnFSVEdkUT09 Meeting ID: 704 777 6553 Passcode: ICPEE1			
Paper ID	Title	Time	Mode (Online/Offline)
74	A Combined S-transform and Ensemble of DT based Protection scheme for six-phase transmission line <i>Sunil Kumar Shukla*</i> ; <i>Murli Manohar</i> ; <i>Chintan Dalsukh Patel</i> ; <i>Tarun Kumar Tailor</i> ; <i>Arun Rathore</i>	10:30 AM – 10:45 AM	Online
84	Perfectly Convergent Particle Swarm Optimization for Solving Combined Economic Emission Dispatch Problems with and without Valve Loading Effects <i>Devinder Kumar*</i> ; <i>Narender kumar Jain</i> ; <i>Nangia Uma</i>	10:45 AM – 11:00 AM	Online



85	Machine Learning Based Peripheral Bus Fault Discrimination using Sequence Components in Radial Distribution Network <i>Surajit Chattopadhyay*</i> ; <i>Gaurang Humne Humne</i> ; <i>Md Sanir Alam</i> ; <i>Bhaskar Roy</i> ; <i>Animesh Bera</i> ; <i>Gopal Bandyopadhyay</i>	11:00 AM – 11:15 AM	Online
86	Kurtosis-Skewness Scanning and Machine Learning-based Discrimination of Fault location in Radial Power Distribution Network <i>Surajit Chattopadhyay*</i> ; <i>Bhaskar Roy</i> ; <i>Animesh Bera</i> ; <i>Gaurang Humne</i> ; <i>Md Sanir Alam</i> ; <i>Gopal Bandyopadhyay</i>	11:15 AM – 11:30 AM	Online
88	A Novel Technique Based on Crow Search Algorithm to Solve Optimal Control Problem of a Single-Link Rigid Robotic Manipulator <i>Venkata Satya Durga Manohar Sahu*</i> ; <i>Padarbinda Samal</i> ; <i>Chinmoy Kumar Panigrahi</i>	11:30 AM – 11:45 AM	Online
90	Dynamic Combined Economic Emission Load Dispatch using Perfectly Convergent Particle Swarm Optimization <i>Devinder Kumar</i> ; <i>Narender kumar Jain</i> ; <i>Nangia Uma</i>	11:45AM – 12:00 PM	Online

Parallel Session -1B (Theme: Renewable Energy and Grid Integration& Power Quality Venue: Conference Hall-2)

Session Coordinator: Prof. Ankit Kumar Soni, KIIT-DU Bhubaneswar
Session Chairs: Dr. Monalisa Pattnaik, NIT Rourkela, Prof. B.K. Nayak, KIIT-DU

Offline Authors: Physical mode, Conference Hall 2, Campus 6

Online Authors: Online mode through Zoom

Topic: Meeting103 zoom's Zoom Meeting

Join Zoom Meeting

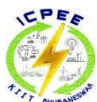


<https://kiit-ac-in.zoom.us/j/6489492005?pwd=cmx4b2lWYXhUNjFyWHhtTnNjWkF4UT09>

Meeting ID: 648 949 2005

Passcode: ICPEE2

Paper ID	Title	Time	Mode (Online/Offline)
18	Model Predictive Control Based Maximum Power Point Tracking Algorithm for Solar PV Module <i>Srishti*</i> ; <i>Prabin Kumar Padhy</i>	10:30 AM – 10:45 AM	Online
26	Islanding Detection of Inverter based Grid Tied Photovoltaic System in Microgrid using Maximum Power point Tracking Method <i>Bineeta Soreng</i> ; <i>Raseswari Pradhan*</i> ; <i>Pritiparna Jena</i>	10:45 AM – 11:00 AM	Online
35	Local Energy System: A Comprehensive Review of Modelling, Tools and Pilot Projects <i>Sanchari Deb</i> ; <i>Dacheng Li</i> ; <i>Sunanda Sinha</i> ; <i>Prashant Malik</i> ; <i>Gautam Raina</i> ; <i>Jihong Wang</i>	11:00 AM – 11.15 AM	Online
37	Reduced CMV SVPWM Scheme for Three-Level Z-Source NPC Inverter for PV Grid Integration <i>Swapan Kumar Baksi*</i> ; <i>Ranjan Kumar Behera</i>	11.15 AM – 11.30 AM	Online
57	Hardware Simulator Design of Variable Speed PMSG for Robust Grid Interface using Pitch Angle and Voltage-Oriented Control <i>Priyanshu Srivastav*</i> ; <i>Kumari Sandhya</i> ; <i>Kalyan Chatterjee</i>	11.30 AM – 11.45 AM	Online
83	Implementation of a novel Hebbian least mean square techniques to a Cascaded MLI based SAPF <i>Ashish Ranjan Dash*</i> ; <i>Rashmi Rekha Behera</i> ; <i>Ranjeeta Patel</i> ; <i>Anup Kumar Panda</i>	11.45 AM-12.00 PM	Offline



12.00 PM Keynote I: Prof. Josep M. Guerrero, Professor, Aalborg University(**Online**)

Topic: Meeting104 zoom's Zoom Meeting

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<https://kiit-ac-in.zoom.us/j/6155330631?pwd=bE40NUJlWlFoZTB5MVlvU0JZekVYUT09>

Meeting ID: 615 533 0631

Passcode: ICPEE3

1.00 PM Lunch (Guest House, Campus 6)

2:00 PM Inaugural Function (Seminar Hall 1, Campus 6)(**Hybrid**)

Offline Authors: Physical mode, Seminar Hall 1, Campus 6

Online Authors: Online mode through Zoom

Topic: Meeting104 zoom's Zoom Meeting

Join Zoom Meeting

<https://kiit-ac-in.zoom.us/j/6155330631?pwd=bE40NUJlWlFoZTB5MVlvU0JZekVYUT09>

Meeting ID: 615 533 0631

Passcode: ICPEE3

2.00 PM Arrival of Guests and Lighting Lamp.

2.10 PM Welcome Address by **Prof. Chinmoy Kumar Panigrahi**, General Chair, IEEE ICPEE 2023

2.15 PM Address by **Prof. Subhransu Ranjan Samantaray**, IEEE Bhubaneswar Sub-section Chair, Honorary Chair, IEEE ICPEE 2023

2.20 PM Address by **Prof. Vinod Khadkikar**, Technical Program Chair, IEEE ICPEE 2023.

2: 25 PM Address by **Prof. Akshay Kumar Rathore**, Honorary Chair, IEEE ICPEE 2023.

2.30 PM Address by **Prof. B. K. Panigrahi**, General Chair, IEEE ICPEE 2023.

2.35 PM **Release of IEEE ICPEE 2023 Proceedings**

2.40 PM Address by **Prof. Ashok Kumar Tripathy**, Advisor, IEEE Bhubaneswar Subsection, Guest of Honor

2.45 PM Address by **Prof. Debasish Chatterjee**, Jadavpur University, Guest of Honor

2.50 PM Address by **Prof. Chiara Boccaletti**, Chair, Meetings, IEEE IAS, Guest of Honor

2.55 PM Address by **Shri. Deepak Mathur**, Director, IEEE Region 10, Guest of Honor

3.00 PM Address by **Prof. Bhim Singh**, IIT Delhi, Chief Guest

3.05 PM Address by **Prof. Sasmita Samanta**, Vice Chancellor, KIIT, Deemed to be University, Patron IEEE ICPEE 2023

3.10 PM Vote of Thanks by **Prof. Ranjeeta Patel**, Organising Chair, IEEE ICPEE 2023

3.30 PM Keynote II: Prof. Akshay Kumar Rathore, Singapore Institute of Technology, Singapore(**Online**)

Topic: Meeting104 zoom's Zoom Meeting



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Meeting ID: 615 533 0631

Passcode: ICPEE3

4:15 PM **Keynote III: Dr. Sanjeet Dwivedi, Danfoss Power Electronics A/S Denmark(Online)**
Offline Authors: Physical mode, Seminar Hall 1, Campus 6
Online Authors: Online mode through Zoom

Topic: Meeting104 zoom's Zoom Meeting

Join Zoom Meeting

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Meeting ID: 615 533 0631

Passcode: ICPEE3

5:00 PM **Prof. Anu A. Gokhale**
Professor and Dept. Chair, Computer Information Systems, Saint Augustine's University, Raleigh, NC **Distinguished Professor** Emerita, Dept. of Technology, Illinois State University, Normal, IL **(Hybrid)**

Offline Authors: Physical mode, Seminar Hall 1, Campus 6

Online Authors: Online mode through Zoom

Topic: Meeting104 zoom's Zoom Meeting

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<https://kiit-ac-in.zoom.us/j/6155330631?pwd=bE40NUJlWlFoZTB5MVIvU0JZekVYUT09>

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Passcode: ICPEE3

5.45 PM **High Tea (Guest House, Campus 6)**

DAY-2

(4th January 2023, Wednesday)

9:00 AM **Parallel Session-02 (Conference Hall No -1, 2 (Campus 6)**
Parallel Session -2A (Theme: Renewable Energy and Grid Integration & Technologies for Sustainable Energy, Venue: Conference Hall - 1)

Session Coordinator: Dr. Subhashree Kundu, KIIT-DU, Bhubaneswar
Session Chairs: Prof. C. N. Bhende, IIT Bhubaneswar, Prof. Sunanda Sinha, MNIT Jaipur

Offline Authors: Physical mode, Conference Hall 1, Campus 6

Online Authors: Online mode through Zoom

Topic: Meeting102 zoom's Zoom Meeting

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<https://kiit-ac-in.zoom.us/j/7047776553?pwd=OVRCNFNRRmFEZGZRYlhocnFSVEdkUT09>

Meeting ID: 704 777 6553



Passcode: ICPEE1			
Paper ID	Title	Time	Mode (Online/Offline)
59	Performance Analysis of SuDoKu based PV Array Static Reconfiguration Techniques Under Several Partial Shading Patterns <i>Emily Grace Gummadi ; Suresh Mikkili*; Santhosh Yedla</i>	9.00 AM – 9.15AM	Online
60	Design and Analysis of High Gain DC-DC Boost Converter for Grid Connected Solar Photovoltaic System <i>Prashant Jamwal *; Mohammad Reza Rasekh ; Vijayakumar Gali ; Mohammad Jawid Ahmadi</i>	9.15AM – 9.30AM	Online
75	Autocorrelation Aided Islanding Detection Using Bi-directional Long Short Type Memory Network <i>Ananya Chakraborty ; Soumya Chatterjee *; Ratan Mandal</i>	9.30AM – 9.45AM	Offline
71	PV-Grid Assisted Uninterruptible Power Supply System for a BLDC Motor Drive <i>Vaishnavi Gullipalli ; Pradyumna Kumar Behera *; Monalisa Pattnaik</i>	9.45AM – 10.00AM	Online
109	Power Enhancement of Solar PV Array Under PSC by Puzzle Based Arrangement <i>Asit Kumar Parida*; Alivarani Mohapatra; Rudra Narayan Dash; Chidurala Saiprakash; Sarita Samal ; Ranjeeta Patel</i>	10.00AM – 10.15AM	Online

Parallel Session -2B (Theme: Energy Management and Conversion System& Energy Storage Technology, Venue: Conference Hall-2)

Session Coordinator: Dr. Lipika Nanda, KIIT-DU, Bhubaneswar

Session Chairs:Dr. Suresh Mikkili, NIT Goa, Prof. M.K. Maharana, KIIT-DU

Offline Authors: Physical mode, Conference Hall 2, Campus 6

Online Authors: Online mode through Zoom



Topic: Meeting103 zoom's Zoom Meeting

Join Zoom Meeting

<https://kiit-ac-in.zoom.us/j/6489492005?pwd=cmx4b2lWYXhUNjFyWHhtTnNjWkF4UT09>

Meeting ID: 648 949 2005

Passcode: ICPEE2

Paper ID	Title	Time	Mode (Online/Offline)
36	Control and Energy Management of DC Nano Grid-Connected Solar PV, Fuel cell and Battery Energy Storage System <i>Karri Srinivasa Rao *; Ramesh Gugulothu; Nagu Bhukya</i>	9.00 AM – 9.15AM	Online
56	Energy Management for a RES-Powered DC-Microgrid Under Variable Load <i>Madhab Chandra Das *; Saratchandra Swain; Chinmay Kumar Nayak; Ritesh Dash</i>	9.15AM – 9.30AM	Online
70	Design, Sizing and Implementation of a Parallel Active Battery-Supercapacitor based Hybrid Energy Storage System <i>Pradyumna Kumar Behera *; Prince Kumar Piyush; Monalisa Pattnaik</i>	9.30AM – 9.45AM	Online
22	Vanadium Redox Flow Battery System Power Loss Optimization: Genetic Algorithm based Approach <i>Nawin Ra; Ankur Bhattacharjee*</i>	9.45AM – 10.00AM	Offline
50	Lithium-Ion Battery Pack SOC Estimation using Optimized ECM Parameters and Kalman Filter <i>Prashant K Aher *; S.L. Patil; Ameya Gambhir; Abhishek Mandhana; Amruta Deshpande; Sanjeev Kumar Pandey</i>	10.00AM – 10.15AM	Online



10:30 AM

Tea Break (Kunjaban,Campus 6)

11:00 AM

Keynote IV: Prof. B. K. Panigrahi, IIT Delhi, India.(Hybrid)

Offline Authors: Physical mode, Seminar Hall 1, Campus 6

Online Authors: Online mode through Zoom

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Meeting ID: 615 533 0631

Passcode: ICPEE3

12:00 PM

Industry Session by OPAL-RT TECHNOLOGIES India Pvt. Ltd.

Offline Authors: Physical mode, Seminar Hall 1, Campus 6

Online Authors: Online mode through Zoom

Topic: Meeting104 zoom's Zoom Meeting

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<https://kiit-ac-in.zoom.us/j/6155330631?pwd=bE40NUJ1WlFoZTB5MVIvU0JZekVYUT09>

Meeting ID: 615 533 0631

Passcode: ICPEE3

1:00 PM

Lunch (Guest House,Campus 6)

2:00 PM

Key Note VI: Prof. Vinod Khadkikar, Khalifa University, UAE(Online)

Offline Authors: Physical mode, Seminar Hall 1, Campus 6

Online Authors: Online mode through Zoom

Topic: Meeting104 zoom's Zoom Meeting

Join Zoom Meeting

<https://kiit-ac-in.zoom.us/j/6155330631?pwd=bE40NUJ1WlFoZTB5MVIvU0JZekVYUT09>

Meeting ID: 615 533 0631

Passcode: ICPEE3

2:45 PM

Keynote V: Prof. Subhransu Ranjan Samantaray, IIT Bhubaneswar, India.(Hybrid)

Offline Authors: Physical mode, Seminar Hall 1, Campus 6

Online Authors: Online mode through Zoom

Topic: Meeting104 zoom's Zoom Meeting

Join Zoom Meeting

<https://kiit-ac-in.zoom.us/j/6155330631?pwd=bE40NUJ1WlFoZTB5MVIvU0JZekVYUT09>

Meeting ID: 615 533 0631

Passcode: ICPEE3

3:30 PM

IEEE Bhubaneswar Subsection EC Meeting

3:30 PM

Parallel Session-03 (Conference Hall No -1, 2 (Campus 6)

Parallel Session -3A (Theme: Green Technology & Microgrid and Smartgrid Venue: Conference Hall - 1)

Session Coordinator: Dr. Sanhita Mishra, KIIT-DU, Bhubaneswar

Session Chairs:Dr. Chandarasekhara Perumalla, IIT Bhubaneswar, Dr. Asha Rani, NIT

IEE



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Offline Authors: Physical mode, Conference Hall 1, Campus 6

Online Authors: Online mode through Zoom

Topic: Meeting102 zoom's Zoom Meeting

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<https://kiit-ac-in.zoom.us/j/7047776553?pwd=OVRCNFNRNmFEZGZRYlhocnFSVEdkUT09>

Meeting ID: 704 777 6553

Passcode: ICPEE1

Paper ID	Title	Time	Mode (Online/Offline)
51	Solar Photo Voltaic Panel Interfaced Boost Converter with MPPT Algorithm at Various Climatic Conditions <i>Lipika Nanda*</i> ; <i>Soumyadip Mandal</i> ; <i>Annu Priya</i> ; <i>Babita Panda</i> ; <i>Chitralkha Jena</i> ; <i>arjadhara Pradhan</i>	3.30PM – 3.45 PM	Online
4	A Solid State CB topology for DC microgrid application <i>Piya Roy *</i> ; <i>Debabrata Barman</i> ; <i>Debashis Chatterjee</i>	3.45 PM – 4.00 PM	Online
29	Demand Side Frequency Control in Low Inertia Power System <i>Ouma bosaletsi</i> ; <i>Willie Cronje</i> ; <i>Lesedi Masisi</i>	4.00 PM – 4.15 PM	Online
54	Synchrosqueezed Wavelet transform Based Power Quality Disturbance Detection and Monitoring of Solar Integrated Micro-Grid <i>Kunjabihari Swain *</i> ; <i>Debasis Pattanaik</i> ; <i>Indu Sekhar Samanta</i> ; <i>Ullash Kumar Rout</i> ; <i>Ritesh Dash</i> ; <i>Sarat Chandra Swain</i>	4.15 PM – 4.30 PM	Online
67	Enhanced Power Management and Control of a PV-Wind-BES Based Microgrid System <i>Prashant</i>	4.30 PM – 4.45 PM	Online



	<i>Jamwal *; Mohammad Jawid Ahmadi; Vijayakumar Gali ; Mohammad Reza Rasekh</i>		
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Parallel Session -3B (Theme: Power Electronics and Drives, Venue: Conference Hall-2)

<p>Session Coordinator: Dr. Alivarani Mohapatra , KIIT-DU, Bhubaneswar Session Chairs: Dr. R. Sudarshan Kaarthik, IIST Thiruvananthapuram, Dr. Rohit Anand, G.B.Pant Engineering College, Govt. of NCT of Delhi, New Delhi</p> <p>Offline Authors: Physical mode, Conference Hall 2, Campus 6 Online Authors: Online mode through Zoom Topic: Meeting103 zoom's Zoom Meeting</p> <p>Join Zoom Meeting https://kiit-ac-in.zoom.us/j/6489492005?pwd=cmx4b2lWYXhUNjFyWHhtTnNjWkF4UT09</p> <p>Meeting ID: 648 949 2005 Passcode: ICPEE2</p>			
Paper ID	Title	Time	Mode (Online/Offline)
2	Reliable Multilevel Inverter Topology using two DC Sources <i>Shubham T. Kamble; Hari Babu Gobburi; V. B. Borghate</i>	3.30PM – 3.45 PM	Online
13	Analysis of Torque Ripple in Open-End Winding Dual Inverter-Based BLDC Motor Drive System <i>Nayan Kumar*; Anandarup Das</i>	3.45 PM – 4.00 PM	Online
19	Optimal Tuning of Fractional Order PID Controller with Metaheuristic Algorithms for High Efficiency High Gain DC-DC Boost Converter <i>Dhruvkumar C Patel*; Srishti; Prabin Kumar Padhy</i>	4.00 PM – 4.15 PM	Online
23	Design and Development of a New Soft-Switching Buck Converter <i>Siddhartha Behera; Saroja Kumar Dash; Manoj Kumar Sahu *; Itishree Sahu; Sritam Parida</i>	4.15 PM – 4.30 PM	Online
27	Two Axis Modeling of Synchronous Reluctance Motor for Electric Four Wheeler <i>Nikhila M P *; Mini</i>	4.30 PM – 4.45 PM	Online



	V.P; Hari Kumar R ; Mayadevi N		
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5:00 PM

Tea Break (Guest House,Campus 6)

5:30 PM

Parallel Session-04 (Conference Hall No -1, 2 (Campus 6)

Parallel Session -4A (Theme: Power Electronics and Drives, Venue: Conference Hall - 1)

Session Coordinator: Prof. K.V.V.S.R Chowdary Session Chairs: Prof. A. K. Tripathy, Former DG, CPRI Bangalore, Dr. B. Chitti Babu, IIITDM, Kancheepuram Offline Authors: Physical mode, Conference Hall 1, Campus 6 Online Authors: Online mode through Zoom Topic: Meeting102 zoom's Zoom Meeting Join Zoom Meeting https://kiit-ac-in.zoom.us/j/7047776553?pwd=OVRCNFNRNmFEZGZRYlhocnFSVEdkUT09 Meeting ID: 704 777 6553 Passcode: ICPEE1			
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Paper ID	Title	Time	Mode (Online/Offline)
28	Reliability Study of Multi-Phase Coupled Inductor Based Boost Converter with Continuous Input/Output Currents <i>Burle Tulasi Rao*</i> ; <i>Dipankar De; Debjit Chattopadhyay</i>	5.30PM – 5.45 PM	Online
40	Torque Ripple Reduction in Six-phase Induction Motor Drive using DTC Technique <i>A Gauri*</i> ; <i>Shiny G</i>	5.45 PM – 6.00 PM	Online
53	Performance Analysis of Multiphase Interleaved boost topologies for FCEV applications <i>Pravanjan Garg ; Vignesh Kumar V*</i> ; <i>Shubham Kumar</i>	6.00 PM – 6.15 PM	Online
76	Fourth-Order SEPIC Converter Order Diminution and Interval Modeling <i>Jitendra Kapoor ; V. P. Meena *</i> ; <i>Vinay Pratap Singh</i>	6.15 PM – 6.30 PM	Online
91	Performance enhancement of induction motor drive using Type-1 NFC and Type-2	6.30 PM – 6.45 PM	Online



	NFC based torque controller <i>Repana Ramanjan Prasad;</i> <i>G. Durga Sukumar*;</i> <i>Srinivasarao Gorantla</i>		
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Parallel Session -4B (Theme: Electric Vehicle and Charging Infrastructure & Power Converter Controller using AI Techniques, Venue: Conference Hall-2)

<p>Session Coordinator: Dr. Subhra Debdas, KIIT-DU, Bhubaneswar Session Chairs: Dr. Hemant Kumar Meena, MNIT Jaipur, Dr. Venkata Ratnam Vakacharla, IIT Mandi</p> <p>Offline Authors: Physical mode, Conference Hall 2, Campus 6 Online Authors: Online mode through Zoom Topic: Meeting103 zoom's Zoom Meeting</p> <p>Join Zoom Meeting</p> <p>https://kiit-ac-in.zoom.us/j/6489492005?pwd=cmx4b2lWYXhUNjFyWHhtTnNjWkF4UT09</p> <p>Meeting ID: 648 949 2005 Passcode: ICPEE2</p>			
Paper ID	Title	Time	Mode (Online/Offline)
39	Design of 15 kW, 440 V Three Phase Induction Motor for Electrical Vehicle Applications with Improved Efficiency and Wide Speed Range <i>Vikranth Avusula;</i> <i>Sephali Shradha Khamari ;</i> <i>Gongada Sandhya Rani;</i> <i>Ranjan Kumar Behera</i>	5.30PM – 5.45 PM	Offline
72	Design and Analysis of Circular Coil Geometries for Wireless Power Transfer in Electric Vehicles: The Effect of Multiple Coils at Primary and Secondary Sides <i>Ankur Yadav;</i> <i>Tushar Kanti Bera *</i>	5.45 PM – 6.00 PM	Online
73	Isolated Multi-Output Power Supply Based on Flyback Converter <i>Chandrasekhar Perumalla *;</i> <i>Prateek Kumar Padhee</i>	6.00 PM – 6.15 PM	Offline



49	Machine Learning based cooperative control of photo voltaic systems for voltage regulation., Chandrashekhar N. Bhende, G N V Mohan, Yash Raghuwanshi	6.15 PM – 6.30 PM	Online
87	Multi-device L-impedance CLD Cell DC-DC Boost Converter <i>Amruta Abhishek</i> *; <i>Ranjeeta Patel</i> ; <i>Tapas Roy</i> ; <i>Chinmoy Kumar Panigrahi</i> ; <i>Vinod Khadkikar</i>	6.30 PM – 6.45 PM	Offline

7:00 PM Gala Dinner (Guest House, Campus 6)

DAY-3
(5th January 2023, Thursday)

9:00 AM Parallel Session-05 (Conference Hall No -1, (Campus 6)
Parallel Session -5A (Theme: HVDC Transmission System, Technologies for Sustainable Energy, Microgrid and Smartgrid and others Venue: Conference Hall - 1)

Session Coordinator: Dr. Rudranarayan Senapati			
Session Chairs: Dr. Mosoud Taghavi, Technical and Vocational University (TVU), Iran, Prof. Brojo Kumar Mishra, GIET Gunupur			
Offline Authors: Physical mode, Conference Hall 1, Campus 6			
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Meeting ID: 704 777 6553 Passcode: ICPEE1			
Paper ID	Title	Time	Mode (Online/Offline)
25	Finite Element Method designing of Ionic current density and Electric field For Hybrid Transmission Lines and HVDC <i>Tanuja Pilli</i> *; <i>Sambasiva Rao</i> ; <i>Raghunadha Sastry R</i>	9.00 AM – 9.15AM	Offline
10	Application of Transfer Learning Approach for Diabetic Retinopathy Classification <i>Nasmin Jiwani</i> ; <i>Ketan Gupta</i> ; <i>Haris Sharif</i> ; <i>Ripon Datta</i> ; <i>Farhan Habib</i> ; <i>Neda Afreen</i> *	9.15AM – 9.30AM	Online



69	Comparative Review and Finite Element Analysis of Energy Efficient Motors <i>Prashant Kannoja*</i> ; <i>Chinmaya K A</i>	9.30AM – 9.45AM	Online
66	The Impact of Social Nudge on System Cost & Revenue Optimization in Local Electricity Market <i>Pratik Mochi*</i> ; <i>Kartik Pandya</i>	9.45AM – 10.00AM	Online
110	Controlled dynamic analysis of offshore wind turbines under random environmental conditions-An experimental investigations <i>R Manikandan *</i>	10.00AM – 10.15AM	Online
111	A priority-reservation queueing-based approach for blockchain-assisted smart-grid system, <i>Soubhagya Ranjan Mallick, Veena Goswami, Rudra Narayan Dash, Rakesh Kumar Lenka, Suraj Sharma, Rabindra K. Barik</i>	10.15 AM- 10.30 AM	Online
112	Prediction of EV Energy consumption Using Random Forest And XGBoost <i>Harshit Rathore; Hemant Kumar Meena *</i> ; <i>Prerna Jain</i>	10.35 AM- 10.45 AM	Online
108	Multi Objective Location of EVCS by CSO driven Heuristics, <i>Sulabh Sachan</i>	10.45 AM - 11.00 AM	Online
9	Performance Analysis and Hardware Implementation of A Dual Input Triple Output DC-DC Converter for EV applications <i>Tuhinanshu Mishra, Ravindra Singh</i>	11:00 AM-11:15 AM	Online

11: 00 Tea Break (Kunjaban,Campus 6)
AM

Valedictory Function followed of sharing experience & Feedback over IEEE ICPEE 2023 (Seminar Hall 1, Campus 6)(Hybrid)

Offline Authors: Physical mode, Seminar Hall 1, Campus 6

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Passcode: ICPEE3

- 11.30AM Arrival of Guests and Lighting Lamp
- 11.35AM Welcome Address by **Prof. Byamakesh Nayak**, General Chair, IEEE ICPEE 2023.
- 11.40AM *Sharing of Experiences by the Participants.*
- 11.50AM Address by **Prof. Chinmoy Kumar Panigrahi**, General Chair, IEEE ICPEE 2023
- 11.55AM Address by **Prof. Sarat Chandra Swain**, Professor, SoEE
- 12.00PM Address by **Prof. Sushmita Mitra**, Chair, IEEE Kolkata Section.
- 12:05 PM Address by **Prof. Atul Negi**, Vice Chairman, Technical Activities, IEEE India Council
- 12.10 PM Address by **Prof. Anu A. Gokhale**, Professor and Dept. Chair, Computer Information Systems, Saint Augustine's University, Raleigh, NC [Distinguished Professor](#) Emerita, Dept. of Technology, Illinois State University, Normal, IL
- 12.15PM Address by **Prof. Jnyana Ranjan Mohanty**,Registrar, KIIT-DU, Bhubaneswar
- 12.20PM *Distribution of Certificates (Award and Participation)*
- 12.25PM Vote of thanks, **Dr Rudra Narayan Dash**,Organising Chair, IEEE IEEE ICPEE 2023