



KEYNOTE SPEECH, INVITED TALK & TECHNICAL PAPER PRESENTATION



 **KEYNOTE SPEECHES** | **02**

 **INVITED AND EXPERT TALKS** | **08**

 **SPECIAL SESSION CHAIR** | **02**

 **TECHNICAL PAPER PRESENTATIONS** | **23**

 **COUNTRIES**

Our research, presentations and collaborations span across the globe.



A world map with blue location pins and labels for the following countries: USA, POLAND, IRELAND, GERMANY, INDIA, SINGAPORE, AUSTRALIA, and FIJI.

GLOBAL PRESENCE. ACADEMIC LEADERSHIP. RESEARCH IMPACT.



International Conferences



Academic Leadership



Research Dissemination



Knowledge Exchange



Driving Global Impact



KEYNOTE SPEECH, INVITED TALK AND TECHNICAL PAPER PRESENTATION



1. Keynote Speech – ICSTRE 2026

Conference: 2nd International Conference on Semiconductor Technology and Renewable Energy (ICSTRE-2026), Bhubaneswar, India, 2026

Talk Title: *Merging Semiconductor Innovation with Renewable Infrastructure*

2. Keynote Speech – ICIIF 2024

Conference: 2nd International Conference on Innovation and Infrastructure (ICIIF-2024), India, 2024

Talk Title: *Batteries: Driving a Sustainable and Resilient Energy and Transportation System*



1. Invited Talk – C.V. Raman Global University

Institution: C.V. Raman Global University, Bhubaneswar, India, 2024

Talk Title: *The Importance of a Resilient Framework in Power Systems*

2. Invited Talk – KIIT Deemed to be University

Institution: KIIT Deemed to be University, Bhubaneswar, India, 2025

Talk Title: *Driving Sustainability and Meeting Net-Zero Emission Targets: The Impact of Energy Storage, Electric Vehicles, and Renewable Energy*

3. Invited Talk – Technische Universität München (TUM)

Institution: Technische Universität München (TUM), Germany, 2024

Talk Title: *Transactive Energy Dynamics: A Visionary Framework for Building Resilient Community Microgrids*



1. Expert Talk – KIIT Academic Empowerment Program

Event: *The Evolving Role of Faculty in HEIs: Beyond Classroom*

Institution: KIIT Deemed to be University, Bhubaneswar, India, 2025

Talk Title: *Decarbonizing the Future: A Strategic Roadmap for Integrated Clean Energy Ecosystems*





KEYNOTE SPEECH, INVITED TALK AND TECHNICAL PAPER PRESENTATION



- Expert Talk – IEEE Industry Conclave (ETIA)**
Event: Emerging Technologies and Industry Automation (ETIA), Bhubaneswar, India, 2025
Talk Title: *Decarbonizing Transport: The Critical Role of EVs in Energy Storage and Stability*
- Expert Talk – IEEE IES KIIT Student Chapter Event (SPARK)**
Location: Bhubaneswar, India, 2025
Talk Title: *Tech for Good: Driving the Energy Transition – Engineering a Resilient, Secure, and People-Centric Energy Future*
- Expert Talk – IEEE Day Panelist**
Location: Bhubaneswar, India, 2025
Panel Discussion: *Power, Protection and People: Next Frontier Tech*
- Expert Talk – IEEE PES R10 Meet & Greet and Global Workshop**
Event: 6th Edition of IEEE PES R10 Meet and Greet Event and IEEE PES R10 Global Workshop, 2025
Panel Discussion: *The Role of AI and Storage in Achieving Net-Zero*



- Special Session Chair – ICPEE 2025**
Conference: 3rd IEEE International Conference on Power Electronics and Energy (ICPEE), Bhubaneswar, India, 2025
Session: *Energy Storage Application*
- Special Session Chair – IECON 2024**
Conference: IEEE Industrial Electronics Society (IECON), Chicago, USA, 2024
Session: *TS104: Power Systems and Smart Grid*



- IAS Annual Meeting 2024, Phoenix, Arizona, USA**
Paper Title: *Application of Human-Machine Learning System in Demand Side Management for Commercial Buildings*
- IAS Annual Meeting 2024, Phoenix, Arizona, USA**
Paper Title: *Sustainable Energy Management for Microgrid Clusters Through a Two-stage Strategy Using Shared Storage and Flexible Loads*
- IEEE IECON 2024, Chicago, USA**
Paper Title: *Parameter Optimization for Li-ion Battery Module Digital Twin Models*





KEYNOTE SPEECH, INVITED TALK AND TECHNICAL PAPER PRESENTATION



4. **IEEE IECON 2024, Chicago, USA**
Paper Title: *Analyzing Electrical Equivalent Circuit Models for Solid-State Batteries: Parameterization and Modeling*
5. **IEEE PES General Meeting 2022, Colorado, USA**
Paper Title: *A Resilient Multi-Microgrid-based Transactive Energy Framework for Future Energy*
6. **IEEE PES General Meeting 2021, Colorado, USA**
Paper Title: *A Resilience Quantification Framework and Enhancement Scheme for Active Distribution Network (Virtually Presented)*
7. **AUPEC 2019, Fiji**
Paper Title: *Proposing a Framework for Resilient Active Distribution Systems using Withstand, Respond, Adapt, and Prevent Element*
8. **ICCC 2018, Hungary**
Paper Title: *Impact of Wind/Solar Integration on Frequency Control in a Two-area Power System*
9. **IEEE PEDES 2018, Chennai, India**
Paper Title: *Design and Analysis of Renewable Energy-based Generation Control in a Restructured Power System*
10. **IEEE CALCON 2017, Kolkata, India**
Paper Title: *Application of Integral Double Derivative with a Filter for Load Frequency Control in a Multi-area Power System*
11. **PIERS-Fall 2017, Singapore**
Paper Title: *Application of Tilt Integral Derivative Filter for Load Frequency Control of Three-area Interconnected System*
12. **ICRCICN 2017, Kolkata, India**
Paper Title: *Multi-area Interconnected Automatic Generation Control with IPFC and TDOFPID Controller*
13. **PIERS-Fall 2017, Singapore**
Paper Title: *A Comparative Analysis of Load Frequency Control of a Two-area Interconnected Hybrid Power System using LabVIEW*
14. **PIERS-Fall 2017, Singapore**
Paper Title: *Optimization of TCSC with Multi-objective Firefly Algorithm for Enhancing SMIB System*
15. **ICACCS 2017, Coimbatore, India**
Paper Title: *MATLAB/Simulink-based FA for Optimizing TCSC Controller in a Power System*
16. **ICACCS 2017, Coimbatore, India**
Paper Title: *Robust Fuzzy-Sliding Model Control for Stability Analysis in Decentralized Hybrid Power System*
17. **National Seminar on Recent Trends in Micro-grid Technology 2017, Bhubaneswar, India**
Paper Title: *Load Frequency Control of a Three Equal-area Thermal Power System using Tilt Integral Derivative Controller*





KEYNOTE SPEECH, INVITED TALK AND TECHNICAL PAPER PRESENTATION



18. **IEEE PCITC 2015, Bhubaneswar, India**

Paper Title: *An Optimized STATCOM Controller for Voltage Stability and Reactive Power Compensation in an Isolated Microgrid*

19. **ICRTC 2015, Bhubaneswar, India**

Paper Title: *Intelligent Controller-based SVC for Voltage Stability Improvement in a Stand-alone Wind-Diesel-Micro Hydro Hybrid System*

20. **SMART GRID Technologies 2015, Bhubaneswar, India**

Paper Title: *Intelligent Voltage and Reactive Power Management in a Standalone PV-based Microgrid*

21. **Innovative Research in Science and Technology 2018, Chennai, India**

Paper Title: *Enhancement of Dynamic Performance of Automatic Generation Control of a Deregulated Hybrid Power System*

22. **Innovative Research in Science and Technology 2018, Chennai, India**

Paper Title: *Measure the Performance of Load Frequency Control in Two-area Interconnected Power Systems Using ABC Technique*

23. **Innovative Research in Science and Technology 2018, Chennai, India**

Paper Title: *Modeling and Analysis of Hybrid Solar-Thermal based Frequency Control in a Three-area Power System.*





INTERNATIONAL CONFERENCE ON

INDUSTRIAL APPLICATION OF SOFT COMPUTING TECHNIQUES

(IIASCT – 2011) from 20th - 22nd August, 2011

Organized by:

EASTERN ACADEMY OF SCIENCE & TECHNOLOGY

Prachivihar, Bhubaneswar, Odisha, INDIA

This is to Certify that *Deep Kumar Mishra* of *EAST, BBSR*

Participated at the **International Conference of Industrial Application on Soft Computing Technique**
held from 20th - 22nd August, 2011 at Bhubaneswar, Odisha, INDIA.

Sankar Kumar Nanda
Convener

[Signature]
Chief Patron



CERTIFICATE OF APPRECIATION

This is to acknowledge with gratitude the contribution of

Dr. Dillip Kumar Mishra


Assistant Professor, School of Electrical Engineering, KIIT DU

as a Distinguished Resource Person at the KIIT Academic Empowerment Program on
“The Evolving Role of Faculty in HEIs: Beyond Classroom” organized by the Internal Quality Assurance Cell (IQAC), KIIT Deemed to be University from 20th to 26th June 2025.

We sincerely value your dedication, wisdom, and invaluable contribution to this transformative initiative.


Dr. Siddharth Swarup Rautaray

Dean, Internal Quality Assurance Cell, KIIT DU


Prof. (Dr.) Saranjit Singh
Vice Chancellor, KIIT DU



IEEE ICPEE 2025

Certificate of Appreciation

This is to certify that

Dr. Dillip Kumar Mishra

has served as an Organizing Committee Member during the 3rd IEEE International Conference on Power Electronics and Energy (ICPEE 2025) organized by the School of Electrical Engineering, KIIT Deemed to be University, Bhubaneswar, Odisha, India during 14th to 16th December 2025.

Dr. Amrish Chandra, IEEE Fellow
ETS, Montreal, Canada
General Chair

Dr. Vinod Khadkikar, IEEE Fellow
Khalifa University, Abu Dhabi, UAE
Steering Committee Chair

Dr. C.K. Panigrahi, SMIEEE
KIIT DU
General Chair

Dr. Ranjeeta Patel, SMIEEE
KIIT DU
Organizing Chair



Dr. Dillip Kumar Mishra <dillipkumarmishra4@gmail.com>

Invitation for an Expert Talk_SoEE KIIT-DU_07.01.2025

2 messages

Dean Electrical Engineering <dean.electrical@kiit.ac.in>

Mon, Jan 6, 2025 at 3:57 PM

To: "dillipkumarmishra4@gmail.com" <dillipkumarmishra4@gmail.com>, dmishra@clemsun.edu

Cc: Sradha Nayak <sratha@kiit.ac.in>

Dr. Dillip Kumar Mishra
Postdoc Fellow, Automotive Engineering
Clemson University, SC, USA

Dear Sir,

Greetings!

Kalinga Institute of Industrial Technology (KIIT), a household name in the education sector, has become a sought-after destination in India for professional studies. KIIT School of Electrical Engineering has been playing a vital role in producing engineers and scientists of high calibre since its inception in 1997. At present, it offers Undergraduate, Postgraduate and Ph.D. programs in Electrical Engineering to cater to the ever-challenging needs of technical excellence in all areas of Electrical Engineering. School has been accredited by IET (UK), NAAC, NBA (Washington Accord) Tier-I, QS (World University).

We would be honored to have you share your expertise on titled "**Driving Sustainability and Meeting Net-Zero Emission Targets: The Impact of Energy Storage, Electric Vehicles, and Renewable Energy**", as we believe your insights would be invaluable to our audience. The event is planned to take place on 07.01.2025 at School of Electrical Engineering, KIIT-DU, Bhubaneswar and we anticipate a diverse group of professionals, students, and enthusiasts who would greatly benefit from your knowledge.

Regards

Dr. Ranjeeta Patel

Associate Professor & Dean

School of Electrical Engineering,

Kalinga Institute of Industrial Technology

(KIIT) Deemed to be University, Bhubaneswar

Email id- dean.electrical@kiit.ac.in, ranjeeta.patelfel@kiit.ac.in

Phone no- 9348369190



Go Green: Kindly don't print this unless so required.

Established U/S 3 of UGC Act and Accredited by NBA of AICTE and NAAC of UGC

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Follow us @ [Twitter](#) | [Facebook](#) | [Instagram](#)

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VIRUS WARNING: Computer viruses can be transmitted via email. The recipient should check this email and any attachments for the presence of viruses. The institute accepts no liability for any damage caused by any virus transmitted by this email.

Dillip Kumar Mishra <dillipkumarmishra4@gmail.com>
To: Dean Electrical Engineering <dean.electrical@kiit.ac.in>
Cc: dmishra@clemson.edu, Sradha Nayak <sradha@kiit.ac.in>

Mon, Jan 6, 2025 at 4:10 PM

Dear Prof. Patel,

Thank you for your kind invitation to speak at the School of Electrical Engineering, KIIT-DU, on "Driving Sustainability and Meeting Net-Zero Emission Targets."

I am honored by this invitation and would be delighted to share my insights on this crucial topic with your great audience.

Thanks.

Best regards,

Dr. Dillip Kumar Mishra

Postdoctoral Fellow,

President, Clemson University Postdoctoral Association (CUPDA)

Chair, IEEE Young Professionals- Piedmont Section

Vice-Chair, IEEE Consumer Electronics Society



Dillip mishra <dkmishra@ieee.org>

Invitation to Deliver a Lecture at C.V. Raman Global University

3 messages

Lazarus Mayaluri <zefree.lazarus@cgu-odisha.ac.in>

Tue, Apr 30, 2024 at 11:32 PM

To: Dillip mishra <dkmishra@ieee.org>

Cc: HOD ELECTRICAL <hod_electrical@cgu-odisha.ac.in>, Ganapati Panda <ganapati.panda@gmail.com>

Dear Dr. Dillip Mishra,

I hope this email finds you well.

We are pleased to invite you to deliver a lecture at C.V. Raman Global University during your visit to Bhubaneswar. We understand you are currently a Postdoctoral Fellow at Clemson University, USA, and specialize in Power Systems Resilience, Renewable Energy, Microgrids, Electric Vehicles, Solid-State Batteries, and Energy Transition.

We would be honored if you could give a lecture on "**The Importance of a Resilient Framework in Power Systems**", to be attended to by faculty, staff, and students of the Electrical Engineering Department.

The schedule for the visit is as follows:

- Arrival at the Vice-Chancellor's office at 11:30 AM for a meet and greet session with the Vice-Chancellor, Deans, and other faculty members.
- Lecture delivery at the Electrical Engineering Department.
- Working lunch at RIHC Restaurant at 2:00 PM, where we hope to engage in further discussions and explore potential collaborations.

We hope to gain valuable insights from your lecture and continue discussions during lunch, exploring opportunities for collaboration and knowledge sharing.

We look forward to welcoming you and appreciate your participation.

Thank you for considering this invitation.

Best regards,

Dr. M. Z. Lazarus

Assistant Professor, Department of EEE &
Deputy Dean, International Education



Contacts: +91-9885377934, 6372599100

Website: <https://cgu-odisha.ac.in/>

Dillip mishra <dkmishra@ieee.org>

Tue, Apr 30, 2024 at 11:57 PM

To: Lazarus Mayaluri <zefree.lazarus@cgu-odisha.ac.in>

Cc: HOD ELECTRICAL <hod_electrical@cgu-odisha.ac.in>, Ganapati Panda <ganapati.panda@gmail.com>

Dear Dr. Mayaluri,

I appreciate your interest in inviting me to deliver a lecture at C.V. Raman Global University during my visit to Bhubaneswar. I am honored to have received this invitation.

I look forward to sharing insights from my research and engaging in discussions with the faculty and students. I am also excited about the opportunity to explore potential collaborations and share knowledge.

Thank you once again for this opportunity. I look forward to visiting C.V. Raman Global University and contributing to the academic discourse.

Best regards,

Dr. Dillip Kumar Mishra

Postdoctoral Fellow,

President, Clemson University Postdoctoral Association (CUPDA)

Department of Automotive Engineering

Clemson University International Center for Automotive Research (CU-ICAR)

Carroll A. Campbell Jr. Graduate Engineering Center

4 Research Drive, Suite 322

Greenville, SC 29607, USA

dmishra@clemson.edu

<https://www.clemson.edu/>

The logo for Clemson University, featuring the word "CLEMSON" in a bold, orange, serif font, with a paw print icon integrated into the letter "O".

[Quoted text hidden]

Lazarus Mayaluri <zefree.lazarus@cgu-odisha.ac.in>

Wed, May 1, 2024 at 8:11 PM

To: Dillip mishra <dkmishra@ieee.org>

Cc: HOD ELECTRICAL <hod_electrical@cgu-odisha.ac.in>, Ganapati Panda <ganapati.panda@gmail.com>

Dear Dr. Dillip Mishra,

I hope this email finds you well.

I am writing to extend my deepest gratitude for delivering an exceptional lecture at C.V. Raman Global University on "The Importance of a Resilient Framework in Power Systems." Your deep expertise and compelling presentation resonated profoundly with the faculty, staff, and students, igniting stimulating discussions and paving the way for new perspectives in the field of electrical engineering.

We are immensely grateful for your participation in the meet and greet session with the Vice-Chancellor and Deans, as well as the working lunch at RIHC Restaurant, where we delved into potential collaborations. Your insights and willingness to share your knowledge have significantly enriched our academic community.

Enclosed are photographs from the event, capturing memorable moments, including the lecture delivery and subsequent discussions. These images showcase the engagement and interaction throughout the day, highlighting the lasting impact of your visit.

Thank you again for your time and contributions. We eagerly anticipate continued collaboration and knowledge sharing in the future.

Best regards,

Dr. Lazarus

[Quoted text hidden]

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Thanks and regards,

[Quoted text hidden]

2 attachments



WhatsApp Image 2024-05-01 at 13.24.04.jpeg
618K



WhatsApp Image 2024-05-01 at 15.22.50.jpeg
692K



Certificate

This is to certify that

Dr. Dillip Kumar Mishra of **Clemson University, DC, USA**

has served as the **Keynote Speaker** for a session

during the **2nd International Conference on Innovations in Infrastructure (ICIIF 2024)**, organized jointly by
the **Institute of Technology Research and Management (IITRAM), India**, and

Université Polytechnique Hauts-de-France (UPHF), France

from **November 15th to 17th, 2024**.

Conference Chair
Dr. Dipankar Deb
ICIIF 2024

Conference Chair
Dr. Jiten Shah
ICIIF 2024

Registrar
Mr. C. P. Joglekar
IITRAM

ICSTRE-2026



GANDHI INSTITUTE OF EXCELLENT TECHNOCRATS (GIET)

APPROVAL BY AICTE NEW DELHI & AFFILIATED TO BPUT ROURKELA & SCTE&VT, BHUBANESWAR, GOVT. OF ODISHA
GHANGAPATNA, BHUBANESWAR

Certificate Of Appreciation

THIS CERTIFICATE IS PROUDLY PRESENTED TO



DR. DILLIP KUMAR MISHRA

Electrical Engineer, Flinders University, Australia

In heartfelt recognition and sincere appreciation of your
exemplary contribution as KEYNOTE SPEAKER in the

2nd International Conference on
Semiconductor Technology and Renewable Energy (ICSTRE-2026)
09th & 10th May 2026

Organised by

Department EE, EEE & ECE, Gandhi Institute of Excellent Technocrats (GIET)
Ghangapatna, Bhubaneswar, Odisha.

we are truly grateful for your valuable time, professional commitment and
generous sharing of expertise that made event a resounding success.

Prof. (Dr.) Chandan Ku. Sahoo
Dean R & D
ICSTRE-2026

Prof. (Dr.) Subhrajit Pradhan
Patron,
ICSTRE-2026

Er. Rama Narayan Sabat
Chief-Patron,
ICSTRE-2026



IEEE ICPEE 2025

Certificate of Appreciation

This certificate is awarded to

Dr. Dillip Kumar Mishra (KIIT University, Bhubaneswar)

*in recognition of their outstanding contribution as a **Session Chair** for the **Special Session on Control and Wireless Communication for Next Generation Hybrid Electric Vehicles** during the **3rd IEEE International Conference on Power Electronics and Energy (ICPEE 2025)** organized by the School of Electrical Engineering, KIIT Deemed to be University, Bhubaneswar, Odisha, India during 14th to 16th December 2025.*



Dr. Vinod Khadkikar, IEEE Fellow
Khalifa University, Abu Dhabi, UAE
Steering Committee Chair



Dr. C.K. Panigrahi, SMIEEE
KIIT DU
General Chair



Dr. Ranjeeta Patel, SMIEEE
KIIT DU
Organizing Chair



Certificate of Presentation

This is to certify that

Dillip Kumar Mishra

Presented

Parameter Optimization for Li-ion Battery Module Digital Twin Models

in

Interactive Technical Session 2

At the 50th Annual Conference of the IEEE Industrial Electronics Society (IECON 2024)

Chicago, IL, USA

November 3-6, 2024

A handwritten signature in black ink, appearing to read 'Shadmand'.

Mohammad Shadmand
General Co-Chair

A handwritten signature in black ink, appearing to read 'H. Abu-Rub'.

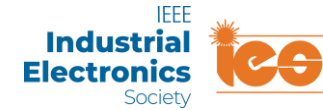
Haitham Abu-Rub
General Co-Chair

A handwritten signature in black ink, appearing to read 'Sertac'.

Sertac Bayhan
Technical Program Co-Chair

A handwritten signature in black ink, appearing to read 'Milos Manic'.

Milos Manic
IES President



Certificate of Presentation

This is to certify that

Dillip Kumar Mishra

Presented

Analyzing Electrical Equivalent Circuit Models for Solid-State Batteries: Parameterization and Modeling

in

Interactive Technical Session 5

At the 50th Annual Conference of the IEEE Industrial Electronics Society (IECON 2024)

Chicago, IL, USA

November 3-6, 2024

A handwritten signature in black ink, appearing to read 'Shadmand'.

Mohammad Shadmand
General Co-Chair

A handwritten signature in black ink, appearing to read 'H. Abu-Rub'.

Haitham Abu-Rub
General Co-Chair

A handwritten signature in black ink, appearing to read 'Sertac'.

Sertac Bayhan
Technical Program Co-Chair

A handwritten signature in black ink, appearing to read 'Milos Manic'.

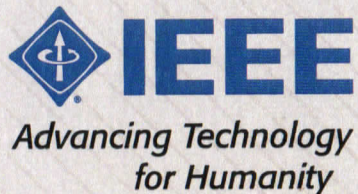
Milos Manic
IES President

IEEE KOLKATA SECTION
CALCON 2017

December 2-3, 2017, Kolkata

Certificate of Presenter

It is certified that DILLIP KUMAR MISHRA has presented a paper titled "APPLICATION OF INTEGRAL DOUBLE DERIVATIVE WITH FILTER FOR LOAD FREQUENCY CONTROL OF MULTI AREA P.S." in CALCON, 2017



A handwritten signature in blue ink, which appears to read 'Sujit Kumar Biswas', is written over a horizontal line.

Prof. Sujit Kumar Biswas
Conference Chair

Dr.Eng Leong Tan
School of Electrical and Electronics Engineering
Nanyang Technical University
50 Nanyang Ave, Singapore 639798
Email: eeltan@ntu.edu.sg
Tel: +65 67906190
Fax: +65 67933318

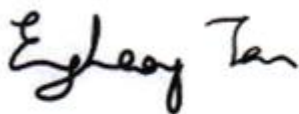
Certificate of Participation

This letter certifies that Dr. Dillip Kumar Mishra has participated for the following articles in the Progress in Electromagnetics Research Symposium (PIERS) held in Singapore during November 19-22, 2017

- Optimisation of TCSC with Multi Objective Firefly Algorithm for Enhancing SMIB System.
- A Comparative Analysis of load Frequency Control of Two–area Interconnected Hybrid Power System using LabVIEW
- Application of Tilt Integral Derivative Filter for Load Frequency Control of Three Area Interconnected system

On behalf of the Organizing Committee

Sincerely,

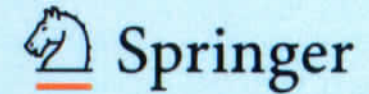


Eng Leong Tan
General Chair
PIERS 2017 in Singapore

PIERS 2017 in Singapore
Organizing Committee



**INTERNATIONAL CONFERENCE ON
FRONTIERS IN INTELLIGENT COMPUTING
THEORY AND APPLICATION (FICTA-2013)**




**Organized by
Bhubaneswar Engineering College (BEC), Bhubaneswar**
(Affiliated to BPUT, Odisha and Approved by AICTE, New Delhi)

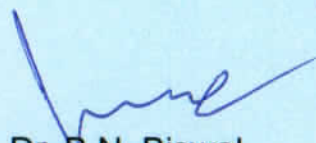
22nd - 23rd December, 2012

Certificate

This is to certify that Mr./Ms. Dillip Kumar Mishra

Participated in **FICTA-2012.**


Dr. S.C. Satapathy
Program Chair


Dr. B.N. Biswal
Organizing Chair



ICCI-SEM-2017

2ND - INTERNATIONAL CONFERENCE ON
CONTEMPORARY ISSUES IN SCIENCE, ENGINEERING & MANAGEMENT

CERTIFICATE OF PARTICIPATION

This is to certify that Mr.Dillip Kumar Mishra has
participated as a listener at 2nd International conference on contemporary issues in Science,
Engineering & Management held at Bhubaneswar, India on 28th May 2017.

M. Rajnishaw
M.Rajnishaw
Chairman, IIRAJ



Event by & at :



Sri Eshwar
College of Engineering

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Coimbatore, India

4th

2017

International Conference on
**Advanced Computing &
Communication Systems**

TECHNICAL CO-SPONSORS



Certificate of Achievement



Certify that

Dillip Kumar Mishra

CET, Bhubaneswar

has presented a paper in the International Conference on
Advanced Computing & Communication Systems - ICACCS 2017
on 6th - 7th January 2017 at Sri Eshwar College of Engineering,
Coimbatore, TamilNadu, India.

Paper Title : Robust Fuzzy Sliding Mode Control for Stability
Analysis in Decentralized Hybrid Power System

Dr. N. Saravanaselvam
Organizing Chair

Dr. Sudha Mohanram
Conference Chair





IEEE

Advancing Technology
for Humanity

2015 IEEE POWER, COMMUNICATION AND INFORMATION TECHNOLOGY CONFERENCE (PCITC - 2015)

This is to certify that **Dillip Mishra**, CET Bhubaneswar, India, has presented a paper entitled “**An optimized STATCOM controller for voltage stability and reactive power compensation in an isolated micro grid**” in the 2015 IEEE Power, Communication and Information Technology conference (PCITC-2015) held at Siksha ‘O’ Anusandhan University, Bhubaneswar, India, during **15 - 17th October, 2015**.

General Chair

Technical Chair



SIKSHA ‘O’ ANUSANDHAN UNIVERSITY

(A Deemed University declared U/S 3 of UGC Act, 1956)



सत्यमेव जयते

Department of Science & Technology
Govt. of India



Event by & at :



Sri Eshwar
College of Engineering

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Coimbatore, India



2017

International Conference on

**Advanced Computing &
Communication Systems**

TECHNICAL CO-SPONSORS



Certificate of Achievement



Certify that

Dillip Kumar Mishra

College of Engineering & Technology (CET) Bhubaneswar

has presented a paper in the International Conference on
Advanced Computing & Communication Systems - ICACCS 2017
on 6th - 7th January 2017 at Sri Eshwar College of Engineering,
Coimbatore, TamilNadu, India.

Paper Title : MATLAB/SIMULINK based FA for optimizing TCSC
controller in a power system

Dr. N. Saravanaselvam
Organizing Chair

Dr. Sudha Mohanram
Conference Chair



Certificate for Participation

This is to certify that Dillip Kumar Mishra

has attended & delivered an Oral Presentation in

**International Interdisciplinary Conference
on Engineering Science & Management**

held in Goa - INDIA on December, 17-18, 2016.

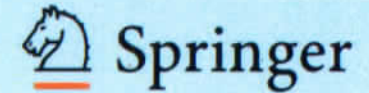
Paper Title : AUTOMATIC GENERATION CONTROL IN THREE AREA
INTERCONNECTED THERMAL POWER UNITS USING IDDF



Conference Secretary
IRP Publication 2016



**INTERNATIONAL CONFERENCE ON
FRONTIERS IN INTELLIGENT COMPUTING
THEORY AND APPLICATION (FICTA-2013)**



**Organized by
Bhubaneswar Engineering College (BEC), Bhubaneswar**
(Affiliated to BPUT, Odisha and Approved by AICTE, New Delhi)


14th - 16th November, 2013

Certificate

This is to certify that Mr./Ms. Dilip Kumar Mishra

Participated in **FICTA-2013.**


Dr. S.C. Satapathy
Program Chair


Dr. B.N. Biswal
Organizing Chair

National Institute of Technology, Rourkela



Certified that

Dillip Kumar Mishra
of

College of Engineering and Technology, Bhubaneswar

*participated in the short term course on
Design and Implementation of Instrumentation Systems
using LabVIEW (DIISL-2016)
organized by Dept. of ECE during 19th-23rd December-2016.*

Prof. U. C. Pati
Coordinator

Prof. S. K. Kar
Co-Coordinator

Prof. K. K. Mahapatra
HOD, Dept. of ECE



National Seminar on Recent Trends in Microgrid Technology

25th -26th February -2017

Organised By

School of Electrical Engineering, KIIT University, Bhubaneswar
in association with
The Institute of Engineers (India), Kolkata




CERTIFICATE

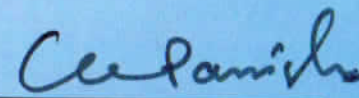
This is to Certify that Mrs./Ms./Mr. Dillip Kumar Mishra
of CET, BBSR has participated/ presented a paper entitled

"Load frequency control of 3 equal area thermal power system using
tilt integral derivative controller"
at **National Seminar on Recent Trends in Microgrid Technology,**

held on 25th -26th February -2017, Organised By School of Electrical Engineering,

KIIT University, Bhubaneswar, Odisha.


Organizing Secretary


Dean



CERTIFICATE



This is to certify that Prof./Dr./Mr./Ms. Dillip Kumar Mishra
has Presented/ Authored/ Participated the Paper entitled Modelling and
simulation of PV based Micro grid for enhanced stability
in the International Conference on "Recent Advancement in Air conditioning
and Refrigeration" (RAAR 2016) Organized by the Department of
Mechanical Engineering, C.V. Raman College of Engineering, Bhubaneswar
held during 10th-12th November 2016 .


Conference Chair:
Prof. (Dr.) Saikat Chatterjee


Conference Chair:
Dr. Sachindra Kumar Rout

Temple City Institute of Technology & Engineering

KNOWLEDGE CAMPUS, BARUNEI, KHURDA

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CERTIFICATE OF MERIT

This is to certify that Mr./Ms Dillip Kumar Mishra of 3rd year
Electrical Engineering branch has been awarded with 1st position
in Fourth Semester B.Tech. Examination competition conducted during ~~Tekforia-2011~~.

Hrushikesh Ranjan Pattanah
Chairman
(Tekforia-2011)

Dh Charyo
Guest
(Tekforia-2011)

Priyadarshi Tripathy
Principal
(TITE)



Certificate of Attendance

Dillip Mishra



IEEE Power & Energy Society

2022 General Meeting

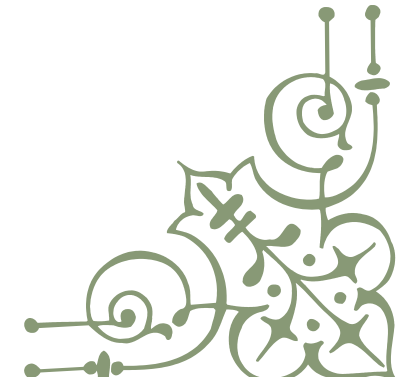
July 17-21, 2022

Denver, Colorado



Wayne A Bishop Jr.

Wayne Bishop Jr.
IEEE PES VP-Meeting Activities
wayne.bishop@omiconenergy.com





**International Conference
on
Innovative Research in Science and Technology**



Certificate

This is to certify that

Dillip Kumar Mishra, Tapas Kumar Panigrahi, Subranshu Sekhar Pati, Asit Mohanty, Praksh Kumar Ray

has Presented the paper in online, Titled

Enhancement of Dynamic Performance of Automatic Generation Control of a Deregulated Hybrid Power System

held on 5th January 2018,

2ND INTERNATIONAL CONFERENE ON INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY.



Scan here to Verify

**Head - Synthesishub
S.Aravindhana**

**Conference Chair
M.Kavitha**

ICIRST - 2018



**International Conference
on
Innovative Research in Science and Technology**



Certificate

This is to certify that

Dillip Kumar Mishra, Nalini Panda, Samikshya Mishra, Meera Viswavandya and Asit Mohanty

*has Presented the paper in online, Titled
Measure the Performance of Load Frequency Control in Two Area Interconnected
Power system using ABC Technique*

held on 5th January 2018,

2ND INTERNATIONAL CONFERENE ON INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY.



Scan here to Verify

**Head - Synthesishub
S.Aravindhana**

**Conference Chair
M.Kavitha**

ICIRST - 2018



**International Conference
on
Innovative Research in Science and Technology**



Certificate

This is to certify that

Dillip Kumar Mishra

has presented the paper in online, Titled

Modeling and Analysis of Hybrid Solar-Thermal based Frequency Control in Three Area Power System

held on 14th April 2018

2ND INTERNATIONAL CONFERENCE ON INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY.



Scan here to Verify

**Head - Synthesishub
S.Aravindhana**

**Conference Chair
M.Kavitha**

ICIRST - 2018



CERTIFICATE

OF ACKNOWLEDGEMENT

This certificate is presented to

DR. DILIP KUMAR MISHRA

*in appreciation for being a Delegate in the event "SPARK 2025"
organized by IEEE IES KIIT Student Branch 3rd November 2025 at
Conference Hall, Campus 3, KIIT DU.*

DR. CHINMOY KUMAR PANIGRAHI
Counselor,
IEEE KIIT Student Branch

DR. RANJEETA PATEL
Advisor,
IEEE IES KIIT Student Branch Chapter



IEEE ICPEE 2025

Certificate of Appreciation

This is to certify that

Dr. Dillip Kumar Mishra

has served as an Organizing Committee Member during the 3rd IEEE International Conference on Power Electronics and Energy (ICPEE 2025) organized by the School of Electrical Engineering, KIIT Deemed to be University, Bhubaneswar, Odisha, India during 14th to 16th December 2025.

Dr. Amrish Chandra, IEEE Fellow
ETS, Montreal, Canada
General Chair

Dr. Vinod Khadkikar, IEEE Fellow
Khalifa University, Abu Dhabi, UAE
Steering Committee Chair

Dr. C.K. Panigrahi, SMIEEE
KIIT DU
General Chair

Dr. Ranjeeta Patel, SMIEEE
KIIT DU
Organizing Chair



Dr. Dillip Kumar Mishra <dillipkumarmishra4@gmail.com>

Invitation for an Expert Talk_SoEE KIIT-DU_07.01.2025

2 messages

Dean Electrical Engineering <dean.electrical@kiit.ac.in>

Mon, Jan 6, 2025 at 3:57 PM

To: "dillipkumarmishra4@gmail.com" <dillipkumarmishra4@gmail.com>, dmishra@clemsun.edu

Cc: Sradha Nayak <sratha@kiit.ac.in>

Dr. Dillip Kumar Mishra
Postdoc Fellow, Automotive Engineering
Clemson University, SC, USA

Dear Sir,

Greetings!

Kalinga Institute of Industrial Technology (KIIT), a household name in the education sector, has become a sought-after destination in India for professional studies. KIIT School of Electrical Engineering has been playing a vital role in producing engineers and scientists of high calibre since its inception in 1997. At present, it offers Undergraduate, Postgraduate and Ph.D. programs in Electrical Engineering to cater to the ever-challenging needs of technical excellence in all areas of Electrical Engineering. School has been accredited by IET (UK), NAAC, NBA (Washington Accord) Tier-I, QS (World University).

We would be honored to have you share your expertise on titled "**Driving Sustainability and Meeting Net-Zero Emission Targets: The Impact of Energy Storage, Electric Vehicles, and Renewable Energy**", as we believe your insights would be invaluable to our audience. The event is planned to take place on 07.01.2025 at School of Electrical Engineering, KIIT-DU, Bhubaneswar and we anticipate a diverse group of professionals, students, and enthusiasts who would greatly benefit from your knowledge.

Regards

Dr. Ranjeeta Patel

Associate Professor & Dean

School of Electrical Engineering,

Kalinga Institute of Industrial Technology

(KIIT) Deemed to be University, Bhubaneswar

Email id- dean.electrical@kiit.ac.in, ranjeeta.patelfel@kiit.ac.in

Phone no- 9348369190



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Dillip Kumar Mishra <dillipkumarmishra4@gmail.com>
To: Dean Electrical Engineering <dean.electrical@kiit.ac.in>
Cc: dmishra@clemson.edu, Sradha Nayak <sradha@kiit.ac.in>

Mon, Jan 6, 2025 at 4:10 PM

Dear Prof. Patel,

Thank you for your kind invitation to speak at the School of Electrical Engineering, KIIT-DU, on "Driving Sustainability and Meeting Net-Zero Emission Targets."

I am honored by this invitation and would be delighted to share my insights on this crucial topic with your great audience.

Thanks.

Best regards,

Dr. Dillip Kumar Mishra

Postdoctoral Fellow,

President, Clemson University Postdoctoral Association (CUPDA)

Chair, IEEE Young Professionals- Piedmont Section

Vice-Chair, IEEE Consumer Electronics Society

5/9/26, 11:17 AM

Gmail - Invitation for an Expert Talk_SoEE KIIT-DU_07.01.2025

Clemson University International Center for Automotive Research (CU-ICAR)

4 Research Drive, Suite 322

Greenville, SC 29607, USA

dmishra@clemson.edu

<https://www.clemson.edu/>

[Quoted text hidden]



Dillip mishra <dkmishra@ieee.org>

Invitation to Deliver a Lecture at C.V. Raman Global University

3 messages

Lazarus Mayaluri <zefree.lazarus@cgu-odisha.ac.in>

Tue, Apr 30, 2024 at 11:32 PM

To: Dillip mishra <dkmishra@ieee.org>

Cc: HOD ELECTRICAL <hod_electrical@cgu-odisha.ac.in>, Ganapati Panda <ganapati.panda@gmail.com>

Dear Dr. Dillip Mishra,

I hope this email finds you well.

We are pleased to invite you to deliver a lecture at C.V. Raman Global University during your visit to Bhubaneswar. We understand you are currently a Postdoctoral Fellow at Clemson University, USA, and specialize in Power Systems Resilience, Renewable Energy, Microgrids, Electric Vehicles, Solid-State Batteries, and Energy Transition.

We would be honored if you could give a lecture on "**The Importance of a Resilient Framework in Power Systems**", to be attended to by faculty, staff, and students of the Electrical Engineering Department.

The schedule for the visit is as follows:

- Arrival at the Vice-Chancellor's office at 11:30 AM for a meet and greet session with the Vice-Chancellor, Deans, and other faculty members.
- Lecture delivery at the Electrical Engineering Department.
- Working lunch at RIHC Restaurant at 2:00 PM, where we hope to engage in further discussions and explore potential collaborations.

We hope to gain valuable insights from your lecture and continue discussions during lunch, exploring opportunities for collaboration and knowledge sharing.

We look forward to welcoming you and appreciate your participation.

Thank you for considering this invitation.

Best regards,

Dr. M. Z. Lazarus

Assistant Professor, Department of EEE &
Deputy Dean, International Education



Contacts: +91-9885377934, 6372599100

Website: <https://cgu-odisha.ac.in/>

Dillip mishra <dkmishra@ieee.org>

Tue, Apr 30, 2024 at 11:57 PM

To: Lazarus Mayaluri <zefree.lazarus@cgu-odisha.ac.in>

Cc: HOD ELECTRICAL <hod_electrical@cgu-odisha.ac.in>, Ganapati Panda <ganapati.panda@gmail.com>

Dear Dr. Mayaluri,

I appreciate your interest in inviting me to deliver a lecture at C.V. Raman Global University during my visit to Bhubaneswar. I am honored to have received this invitation.

I look forward to sharing insights from my research and engaging in discussions with the faculty and students. I am also excited about the opportunity to explore potential collaborations and share knowledge.

Thank you once again for this opportunity. I look forward to visiting C.V. Raman Global University and contributing to the academic discourse.

Best regards,

Dr. Dillip Kumar Mishra

Postdoctoral Fellow,

President, Clemson University Postdoctoral Association (CUPDA)

Department of Automotive Engineering

Clemson University International Center for Automotive Research (CU-ICAR)

Carroll A. Campbell Jr. Graduate Engineering Center

4 Research Drive, Suite 322

Greenville, SC 29607, USA

dmishra@clemson.edu

<https://www.clemson.edu/>

The logo for Clemson University, featuring the word "CLEMSON" in a bold, orange, serif font, with a paw print icon integrated into the letter "O".

[Quoted text hidden]

Lazarus Mayaluri <zefree.lazarus@cgu-odisha.ac.in>

Wed, May 1, 2024 at 8:11 PM

To: Dillip mishra <dkmishra@ieee.org>

Cc: HOD ELECTRICAL <hod_electrical@cgu-odisha.ac.in>, Ganapati Panda <ganapati.panda@gmail.com>

Dear Dr. Dillip Mishra,

I hope this email finds you well.

I am writing to extend my deepest gratitude for delivering an exceptional lecture at C.V. Raman Global University on "The Importance of a Resilient Framework in Power Systems." Your deep expertise and compelling presentation resonated profoundly with the faculty, staff, and students, igniting stimulating discussions and paving the way for new perspectives in the field of electrical engineering.

We are immensely grateful for your participation in the meet and greet session with the Vice-Chancellor and Deans, as well as the working lunch at RIHC Restaurant, where we delved into potential collaborations. Your insights and willingness to share your knowledge have significantly enriched our academic community.

Enclosed are photographs from the event, capturing memorable moments, including the lecture delivery and subsequent discussions. These images showcase the engagement and interaction throughout the day, highlighting the lasting impact of your visit.

Thank you again for your time and contributions. We eagerly anticipate continued collaboration and knowledge sharing in the future.

Best regards,

Dr. Lazarus

[Quoted text hidden]

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Thanks and regards,

[Quoted text hidden]

2 attachments



WhatsApp Image 2024-05-01 at 13.24.04.jpeg
618K



WhatsApp Image 2024-05-01 at 15.22.50.jpeg
692K