

**3rd International Symposium
On
Sustainable Energy and Technological Advancements (ISSETA 2024)
Department of Electrical Engineering, NIT Meghalaya, Shillong, India**

PROGRAM SCHEDULE

Day 1- Friday, 23rd February 2024

08:30 AM onwards	Registration and High Tea
09:30 - 10:00 AM	Inaugural Ceremony
10:00 - 10:40 AM Keynote Session – 01	Prof. Tarlochan S Sidhu Faculty of Engineering and Applied Science, Ontario Tech University, Canada “Evaluation of Communication Technologies for IEC61850 based Distribution Automation System with Distributed Energy Resources”
10:40 - 11:20 AM Keynote Session – 02	Dr. Sayonsom Chanda Senior Scientist National Renewable Energy Laboratory, Colorado “How to leverage Quantum Computing and Generative AI for Clean Energy Transition”
11:20 - 11:30 AM	Tea break
11:30 AM - 01:10 PM	Technical Sessions – TS-01, TS-02, TS-03, TS-04
01:10 - 02:30 PM	Lunch break
02:30 - 03:00 PM Young professional Talk	Mr. Prabhat Ranjan Bana R&D Engineer, Hitachi Energy, Sweden “Bridging Academia and Industry: AI-Enhanced Power Electronics Control Strategies”
03:00 - 03:40 PM Panel Discussion – 01	Panel Members: Prof. Chandan Kumar Chanda , IEST, Shibpur Sh Santanu Borgohain , NIELIT Shillong Prof. B Rajanarayan Prusty , Galgotias University, UP, India Prof. Sheila Mahapatra , Alliance University, India Dr. Kalpana Chauhan , Central University of Haryana, India Dr. Bhawna Narwal , IGDTUW, Delhi Title:- “Intelligent Electrical Power Grids”
03:40 - 03:50 PM	Tea break
03:50 - 05:40 PM	Technical Sessions – TS-05, TS-06, TS-07, TS-08
03:50 - 05:40 PM	Young Professional Research Award Presentation

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PROGRAM SCHEDULE

Day 2- Saturday, 24th February 2024

08:30 AM onwards	Registration and High Tea
09:20 - 10:00 AM Keynote Session – 03	Prof. Sukumar Mishra Professor, Department of Electrical Engineering, Indian Institute of Technology Delhi, India “Issues in grid integration of RE sources and EVs”
10:00 - 10:40 AM Keynote Session – 04	Prof. Narayana Prasad Padhy DIRECTOR, MNIT JAIPUR. “Smart Grid and its Application”
10:40 - 11:20 AM Panel Discussion – 02	Panel Members: Dr. Prakash K. Ray , OUTR, Bhubaneswar, India Dr. Shaik Affijulla , NIT Meghalaya, India Dr. Monalisa Biswal , NIT, Raipur, India Dr. Rajeev Kumar Chauhan , DEI, Agra, India. Dr. Kishore Bingi , Universiti Teknologi PETRONAS, Malaysia Dr. Kaibalya Prasad Panda , PDEU, Gujarat, India Title:- “Protection and Control Techniques Applied to Microgrid”
11:20 - 11:30 AM	Tea break
11:30AM - 01:20 PM	Technical Sessions – TS-09, TS-10, TS-11, TS-12
01:20 - 02:30 PM	Lunch break
02:30 - 03:00 PM Young professional Talk	Dr. Bonu Ramesh Naidu Postdoctoral research fellow, Industry 4.0 UQ energy test lab, University of Queensland, Australia. “Voltage Fault Ride-Through Operation of a Microgrid: the Problem and an Adaptive Solution”
03:00 - 03:40 PM Panel Discussion – 03	Panel Members: Dr. Sze Sing Lee , Newcastle University in Singapore (NUIs) Prof. Gayadhar Panda , NIT Meghalaya, India Dr. Ritula Thakur , NITTTR, Chandigarh, India Dr. Papia Ray , VSSUT, Burla, India Dr. B. Chitti Babu , IIIT, Kancheepuram, Chennai, India Er. Arvind Rai , Star Cement Limited, Meghalaya, India Title:- “Power Quality Assessment and Monitoring in Active Distribution Network”
03:40 - 04:10 PM Young professional Talk	Mr. Subham Charan CEO & Founder of Solarclue “Entrepreneurship in Sustainable Energy and its Future”
04:30 PM Onwards	Valediction Ceremony

Technical Presentation Schedule (Parallel Sessions)

Time Zone: JST (GMT+5.30)

Day 1- Friday, 23rd February 2024			
Technical Session ID	Track-1 Recent Advancements in Sustainable Energy Development Time: 11:30 AM - 01:10 PM	Technical Session ID	Track-3 Advanced Power Converters with Control scheme for Renewable Energy Integration Time: 11:30 AM - 01:10 PM
	Paper ID		Paper ID
TS-01	26, 49, 62, 64, 76, 78, 88, 89	TS-03 (SS-9)	33, 44, 86, 91, 94, 100, 110, 172
TS-02*	43, 93, 158, 173, 191, 193, 217	TS-04	12, 68, 70, 77, 135, 202, 210, 212
Technical Session ID	Track-2 Protection and Control in Modern Power Systems Time: 03:50 - 05:40 PM	Technical Session ID	Track-4 Advanced Signal Processing and Machine Learning Approach in Smart Distribution Network Time: 03:50 - 05:40 PM
	Paper ID		Paper ID
TS-05*	29, 42, 69, 79, 133, 134	TS-07 (SS-4)	4, 5, 14, 20, 32, 97, 101
TS-06	8, 13, 17, 18, 23, 25, 37	TS-08	35, 66, 72, 169, 190, 206, 208, 211
Day 2- Saturday, 24th February 2024			
Technical Session ID	Track-1 Recent Advancements in Sustainable Energy Development Time: 11:30 AM - 01:20 PM	Technical Session ID	Track-2 Protection and Control in Modern Power Systems Time: 11:30 AM - 01:20 PM
	Paper ID		Paper ID
TS-09	128,142,145,149,156,163, 168, 179	TS-11	47, 48, 52, 109, 144, 146, 153
TS-10	98, 102, 104, 122, 154, 176, 203, 204,		
Technical Session ID	Track-4 Advanced Signal Processing and Machine Learning Approach in Smart Distribution Network Time: 11:30 AM - 01:20 PM		
TS-12*	Paper ID		
	22, 63, 151, 152, 160, 180, 200, 213		

***Denotes the Physical Mode Presentation.**

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Google Meet Link

Day 1- Friday, 23rd February 2024

Time	Events	Google Meet Link
09:30 - 10:00 AM	Inaugural Ceremony	meet.google.com/awx-pjmw-srv
10:00 - 10:40 AM	Keynote Session – 01	
10:40 - 11:20 AM	Keynote Session – 02	
11:30 AM - 01:10 PM	Technical Sessions	meet.google.com/osz-azui-tbv
	TS-01	
	TS-02	meet.google.com/abm-hgfv-vmr
	TS-03	meet.google.com/fsi-cnbw-swd
	TS-04	meet.google.com/vdk-mhia-wzq
02:30 - 03:00 PM	Young professional Talk	meet.google.com/awx-pjmw-srv
03:00 - 03:40 PM	Panel Discussion – 01	
03:50 - 05:40 PM	Technical Sessions	meet.google.com/osz-azui-tbv
	TS-05	
	TS-06	meet.google.com/abm-hgfv-vmr
	TS-07	meet.google.com/fsi-cnbw-swd
	TS-08	meet.google.com/vdk-mhia-wzq
03:50 - 05:40 PM	Young Professional Research Award Presentation	meet.google.com/awx-pjmw-srv

Day 2- Saturday, 24th February 2024

Time	Events	Google Meet Link
09:20 - 10:00 AM	Keynote Session – 03	meet.google.com/awx-pjmw-srv
10:00 - 10:40 AM	Keynote Session – 04	
10:40 - 11:20 AM	Panel Discussion – 02	
11:30AM - 01:20 PM	Technical Sessions	meet.google.com/osz-azui-tbv
	TS-09	
	TS-10	meet.google.com/abm-hgfv-vmr
	TS-11	meet.google.com/fsi-cnbw-swd
	TS-12	meet.google.com/vdk-mhia-wzq
02:30 - 03:00 PM	Young professional Talk	meet.google.com/awx-pjmw-srv
03:00 - 03:40 PM	Panel Discussion – 03	
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04:30 PM Onwards	Valediction Ceremony	