

PROGRAM SCHEDULE

Day 1- Thursday, 15th June 2023

08:00 - 09:00 AM	Conference Registration / Hi-Tea
09:15 - 10:15 AM	Inaugural Ceremony
10:15 - 10:30 AM	 Tea Break
10:30 - 11:10 AM Keynote Session – 01	SPEAKER: PROF. SUKUMAR MISHRA Department of Electrical Engineering, IIT Delhi, India. Title of the talk: “Enhancing the grid resilience with renewable assisted EVs”
11:20 - 12:00 PM Keynote Session – 02	SPEAKER: PROF. AKSHYA KUMAR SWAIN Professor, The University of Auckland, Auckland. Title of the talk: “Security of Cyber Physical Systems including Smart Grid: A Control Perspective”
12:00 - 01:00 PM Panel Discussion-I	TITLE: “Microgrid Protection and Control for seamless operation” Speakers: Prof. Skumar Mishra, Prof. Nita R. Patne, Dr. Papia Ray, Dr. Shaik Affijula, Dr. Monalisa Biswal.
01:00 - 02:30 PM	 Lunch Break
02:30 – 03:00 PM Young Professional Talk-1	SPEAKER: DR. BONU RAMESH NAIDU Postdoctoral research fellow, Industry 4.0 UQ energy test lab, University of Queensland, Australia Title: “Adaptive Voltage Fault Ride-Through Operation of Microgrid”
03:00 - 03:30 PM Young Professional Talk-2	SPEAKER: DR. SAYONSOM CHANDA Senior Scientist, National Renewable Energy Laboratory, Colorado. Title: "Harnessing the Power of AI for Flexible Green Energy Technologies: The Indispensable Role of Young Professionals"
03:30 - 03:45PM	 Tea Break
03:45 - 05:45 PM Technical Sessions	Technical Sessions: TS-01, TS-02, TS-03, TS-04, TS-05, TS-06, TS-07

PROGRAM SCHEDULE

Day 2- Friday, 16th June 2023

08:00 - 09:30 AM	Conference Registration / Hi-Tea
9:00 - 09:40 AM Keynote Session – 03	<p>SPEAKER: PROF. NARAYANA PRASAD PADHY DIRECTOR, MNIT JAIPUR.</p> <p>Title of the talk: “Smart Grid Integration of Renewable Energy Sources and Energy Storage Systems for a Self-Sufficient and Sustainable Campus: A Case Study of IIT Roorkee”</p>
09:40 - 10:00 AM	 Tea Break
10:00 - 10:40 AM Keynote Session – 04	<p>SPEAKER: PROF. MALABIKA BASU Senior Lecturer, School of Electrical and Electronic Engineering Technological University Dublin (TUD), Ireland</p> <p>Title of the talk: “Energy Resilience- Smart Energy Community and Microgrids”</p>
11:00 - 01:00 PM Technical Sessions	<p>Technical Sessions: TS-08, TS-09, TS-10, TS-11 & Young Professional Award for Women</p>
01:00 - 02:00 PM	 Lunch Break
02:00 – 03:00 PM Panel Discussion-II	<p>TITLE: “EV charging infrastructure for Resilient Microgrid”</p> <p>Panel Members: Prof. Chandan Kumar Chanda, Prof. Hassan Haes Alhelou, Dr. Seifeddine Ben Elghali, Dr. Madhu Singh, Dr. Vitthal Shrirang Bandal, Prof. Pravat Kumar Ray.</p>
03:00 – 03:15 PM	 Tea Break
03:15 - 05:30 PM Technical Sessions	<p>Technical Sessions: TS-12, TS-13, TS-14, TS-15, TS-16 & Young Professional Thesis Talk Award</p>
06:00 – 07:00 PM	Cultural Event
07:00 PM onwards	 Gala Dinner

PROGRAM SCHEDULE

Day 3- Saturday, 17th June 2023

08:00 - 09:00 AM	Conference Registration / Hi-Tea
09:00 - 09:40 AM Keynote Session – 05	<p>SPEAKER: DR. MOHAMMAD AMIN SR. R&D Engineer - Microgrid Solution Enchanted Rock Management LLC, Houston, TX-77002, USA</p> <p>Title of the talk: “Intelligent Enchanted Rock Microgrid: The Power is On and we keep it on”</p>
09:40-10:00 AM	 Tea break
10:00-10:40 AM Keynote Session – 06	<p>SPEAKER: PROF. TARLOCHAN S SIDHU Faculty of Engineering and Applied Science, Ontario Tech University Canada.</p> <p>Title of the talk: “MICROGRID PROTECTION - Challenges and a Possible Solution”</p>
11:00- 01:00 PM Technical Sessions	<p>Technical Sessions: TS-17, TS-18, TS-19, TS-20, TS-21, TS-22</p>
01:00 - 02:00 PM	 Lunch break
02:00 – 03:00 PM Panel Discussion-III	<p>TITLE: “Digital communications and soft computing approaches towards smart city developments”</p> <p>Panel Members: Prof. Gayadhar Panda, Dr. Ritula Thakur, Dr. Shital A. Raut, Dr. Ashutosh Kumar Singh, Dr. Diptendu Shina Ray, Dr. Bhawan Narwal.</p>
03:00 – 03:30 PM Young Professional Talk-3	<p>SPEAKER: Mrs. TRUPTIMAYEE SWAIN Senior Manager, Tata Steel, Jamshedpur, Jharkhand, India</p> <p>Title: “E-Waste Management”</p>
04:00 - 05:00 PM	Valediction Ceremony
05:00 - PM onwards	 Hi-Tea Break

Technical Presentation Schedule (Parallel Sessions)

Time Zone: IST (GMT+5.30)

Day 1- Thursday 15 th June 2023		Day 2 – Friday 16 th June 2023		Day 3- Saturday, 17 th June 2023	
TS ID	Track-1 Recent Advancements in Sustainable Energy Development Time: 03:45 – 05:45 PM	TS ID	Track-1 Recent Advancements in Sustainable Energy Development Time: 11:00 - 1:00 PM	TS ID	Track-2 Modern Power Systems with Renewable Energy Sources Integration Time: 11:00 - 1:00 PM
	Paper ID		Paper ID		Paper ID
TS-01*	81,91,98,152,265,456,422,481	TS-08	5,13,39,44,48,68,89,179	TS-17*	438,425,449,450,457,467,477, 490
TS-02*	50,90,173,177,221,294,445	TS-09	114,147,276,339,404,419,420,465	TS-18	52,67,109,182*,370,441,474*
		TS-10 (SS-2)	116,129,157,168,172,244,417		
TS ID	Track-2 Modern Power Systems with Renewable Energy Sources Integration Time: 03:45 – 05:45 PM	TS ID	Track-2 Modern Power Systems with Renewable Energy Sources Integration Time: 11:00 - 1:00 PM	TS ID	Track-3 Advanced Converters with Control for EV application Time: 11:00 - 1:00 PM
	Paper ID		Paper ID		Paper ID
TS-03*	12,93,99,127,158,166,171,175	TS-11	83,97,105,160,180,264,357,386	TS-19	29,37,62,118,176,399, 468*
TS-04*	186,194,326,334,349,375,396, 446	TS-12	46,101,106,407,414,429,455,482		
TS ID	Track-3 Advanced Converters with Control for EV application Time: 03:45 – 05:45 PM	TS ID	Track-3 Advanced Converters with Control for EV application Time: 03:15 – 05:30 PM	TS ID	Track-4 Advanced Signal Processing & Control approaches in Micro grid system Time: 11:00 - 1:00 PM
	Paper ID		Paper ID		Paper ID
TS-05*	11,51,60,63,205,392,430,436,470	TS-13 (SS-6)	71,183,391,406,423,453,454, 466	TS-20*	131,193, 200,298,303,346,369
TS-06 (SS-1)	23,112,184*,192*,378*,395, 415, 444	TS-14	18,94,102,354,483,139,153, 330	TS-21*	368,403,410,411,475,476,479
TS ID	Track-4 Advanced Signal Processing & Control approaches in Micro grid system Time: 03:45 – 05:45 PM	TS ID	Track-4 Advanced Signal Processing & Control approaches in Micro grid system Time: 03:15 – 05:30 PM	TS ID	Track-5 Clean Technologies & Smart Cities Time: 11:00 - 1:00 PM
	Paper ID		Paper ID		Paper ID
TS-07 (SS-4)	57,225,246,361,372,374,394, 464	TS-15	96,167,178,304,397,402,412,451	TS-22	58,78*,169,337*,434,458*,469*
		TS ID	Track-5 Clean Technologies & Smart Cities Time: 03:15 – 05:30 PM		
		TS-16	Paper ID		
			49,162,190,340,408,413,472		

* Indicates physical mode presentation and others online mode presentation

**** Inaugural Ceremony/ Keynote Session/ Panel Discussion/ Young Professional Talk/ Vaediction Ceremony. ****

Google Meet Link:- meet.google.com/nwz-nkro-acp