# DAY 1 | 3<sup>rd</sup> August 2023 | SESSION I

#### Paper Presentations || Day 1 || Session I || (03:00 PM - 04:00 PM)

Tracks/ Time (IST)	Session Chair & Co-Chairs	Venue Offline/Online
Track I: Session I Advances in renewable energy conversion technologies and processes. 03:00 PM – 04:00 PM	Chair: Dr. Abd Elnaby Kabeel Co-Chair: Dr. Reji Thomas	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 15	Authors: P. William Title: Framework for Energy Harvesting System using Solar Panels to Supply Low Power Electronic Devices	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 29	<ul> <li>Authors:</li> <li>Kashmir Singh Ghatorha, Dr. Parveen Sharma and Dr. Amardeep Singh Kang</li> <li>Title:</li> <li>Optimizing Carbon Footprint and Operational Productivity of Horizontal Boring Machines: An EFBA-Based Approach</li> </ul>	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 32	<ul> <li>Authors:</li> <li>Aman Gupta, Ditipriya Bose, Sandeep Tiwari and Vikrant Sharma</li> <li>Title:</li> <li>Techno-Economic Analysis and Environmental Impact Assessment of Electric Two-wheeler Batteries in India</li> </ul>	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 33	Authors: Bhargav Koppolu and Teresa Miller Title: Economic evaluation and production process simulation of biodiesel production from waste cooking oil	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb

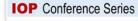


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**CleanEnergy** 







PAPER ID: 39	Authors: Minal Rade Title: Battery/Supercapacitor Energy Management system for Electric Vehicle	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 47	Authors: Kiran Varade and Devendra Kumar Doda Title: Review of Wind Farms: Energy systems and Electrical Power and Calculation of Capacity	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
Track II: Session I		Offline: Block 38-208
Sustainability in agriculture and climate	Chair: Dr. Ravishankar Satyamurthy	Online Google meet:
change.	Co-Chair: Dr. Vishal Francis	meet.google.com/isv-
03:00 PM - 04:00 PM		yhwn-gcg
PAPER ID: 13	Authors: P. William Title: Integrated Decision Support System for Flood Disaster Management with Sustainable Implementation	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
PAPER ID: 20	<ul> <li>Authors:</li> <li>P. William</li> <li>Title:</li> <li>Implementation of Green Financing Concept in the Financial Monitoring System for Enterprise Activity based on Sustainable Development</li> </ul>	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
PAPER ID: 30	Authors: Sumit Chowdhury, Maharshi Vyas, Dr. Abhishek Verma and Dr. V K Jain Title: Carbon Emission and Prospect of Renewable Energy in Indian Film Sector	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
PAPER ID: 36	Authors: Dr.Himanshu Sharma, Dr.Ardhala Balakrishna and Sripathi Mounika	Offline: Block 38-208 Online Google meet:





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Taylor & Francis Group



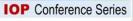
🙆 Springer

	<b>Title:</b> Performance evaluation of RES based grid connected system using UPFC	meet.google.com/isv- yhwn-gcg
PAPER ID: 41	Authors: Nirbhy Singh and Rajender S. Godara Title: A Comparative Analysis of Kinnow Production in Fazilka and Sriganganagar Districts	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
PAPER ID: 59	Authors: Pramod Magade, Ramesh Choudhary, Hanumant Jagtap and Pankaj Shrirao Title: Technological Interventions in Jowar Harvesting Process	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
<b>Track III: Session I</b> IoT for sustainable development. <b>03:00 PM – 04:00 PM</b>	Chair: Dr. Mohammad H. Ahmadi Co-Chair: Dr. Jeet Prakash Sharma	Offline: Block 27-201 Online Google meet: meet.google.com/bdq- bnyj-ont
PAPER ID: 56	<ul> <li>Authors:</li> <li>Prerna Jain and Nitin Kumar Jain</li> <li>Title:</li> <li>Exploring the Blockchain Technology in Analyzing a Decentralized Supply Chain Inventory Model within a Finite Planning Horizon</li> </ul>	Offline: Block 27-201 Online Google meet: meet.google.com/bdq- bnyj-ont
PAPER ID: 87	Authors:Meenakshi Gupta, Vikram Kumar Kamboj, Priyanka AnandTitle:A Comparative Study and Mathematical Modeling of PBUCP Using Renewable Energy Sources and Hydrogen Fuel Cell Vehicle	Offline: Block 27-201 Online Google meet: meet.google.com/bdq- bnyj-ont
PAPER ID: 92	Authors: Uma Bhattacharya and Rajesh Jolly Title: Thirty Years of Climate and Land-Cover Change and its Effects on Tourism Resources in Vally of Flower National Park	Offline: Block 27-201 Online Google meet: meet.google.com/bdq- bnyj-ont
PAPER ID: 109	Authors: Lakshmi Priya, Kanagala Anusha and S Shanmugan	Offline: Block 27-201 Online Google meet:





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		meet.google.com/bdq-
	<b>Title:</b> Sustainable materials for artificial intelligence	bnyj-ont
	(ai) technology adoption for energy-efficient	
	patient-centric healthcare solutions	
	Authors:	
	Maanat Bhadani and Dr. Arshi Banu P S	Offline: Block 27-201
PAPER ID: 134	Title:	Online Google meet:
	Wind energy feasibility studies and wind turbine	meet.google.com/bdq-
	selection for residential applications of the city	bnyj-ont
	Surat, India	
	Authors: Mohammed Muddasir, Manish Rai and	
	Vivek Kamath	Offline: Block 27-201
PAPER ID: 136	Title:	Online Google meet:
	Smart Waste Segregation and the automation of	meet.google.com/bdq-
	Plastic, Metal and Glass Waste Material	bnyj-ont
	Segregation using IoT: A Review	
Track IV: Session 1		Offline: Block 30-603
Sustainable materials	Chair: Prof. (Dr.) Shailesh N Sharma	Online Google meet:
for energy conversion		-
and storage.	Co-Chair: Dr Sanjay Sahu	meet.google.com/bnx-
	Co-Chair: Dr Sanjay Sahu	-
and storage.	Co-Chair: Dr Sanjay Sahu Authors:	meet.google.com/bnx-
and storage.	Co-Chair: Dr Sanjay Sahu Authors: Atulesh Dabral, Rahul Kumar, Subhash Chandra	meet.google.com/bnx-
and storage.	Co-Chair: Dr Sanjay Sahu Authors:	meet.google.com/bnx- kqwc-sma
and storage. 03:00 PM – 04:00 PM	Co-Chair: Dr Sanjay Sahu Authors: Atulesh Dabral, Rahul Kumar, Subhash Chandra Ram, Amit Moray, Sumit Mohan and Devesh Sharma	meet.google.com/bnx- kqwc-sma Offline: Block 30-603
and storage. 03:00 PM – 04:00 PM	Co-Chair: Dr Sanjay Sahu Authors: Atulesh Dabral, Rahul Kumar, Subhash Chandra Ram, Amit Moray, Sumit Mohan and Devesh Sharma Title:	meet.google.com/bnx- kqwc-sma Offline: Block 30-603 Online Google meet:
and storage. 03:00 PM – 04:00 PM	Co-Chair: Dr Sanjay Sahu Authors: Atulesh Dabral, Rahul Kumar, Subhash Chandra Ram, Amit Moray, Sumit Mohan and Devesh Sharma Title: Effect of anti-reflective coating and dust	meet.google.com/bnx- kqwc-sma Offline: Block 30-603 Online Google meet: meet.google.com/bnx-
and storage. 03:00 PM – 04:00 PM	Co-Chair: Dr Sanjay Sahu Authors: Atulesh Dabral, Rahul Kumar, Subhash Chandra Ram, Amit Moray, Sumit Mohan and Devesh Sharma Title:	meet.google.com/bnx- kqwc-sma Offline: Block 30-603 Online Google meet: meet.google.com/bnx-
and storage. 03:00 PM – 04:00 PM	Co-Chair: Dr Sanjay Sahu Authors: Atulesh Dabral, Rahul Kumar, Subhash Chandra Ram, Amit Moray, Sumit Mohan and Devesh Sharma Title: Effect of anti-reflective coating and dust spreading on performance of solar pv panels Authors: Sumit Mohan, Anupam Gautam, Atulesh	meet.google.com/bnx- kqwc-sma Offline: Block 30-603 Online Google meet: meet.google.com/bnx-
and storage. 03:00 PM – 04:00 PM	Co-Chair: Dr Sanjay Sahu Authors: Atulesh Dabral, Rahul Kumar, Subhash Chandra Ram, Amit Moray, Sumit Mohan and Devesh Sharma Title: Effect of anti-reflective coating and dust spreading on performance of solar pv panels Authors: Sumit Mohan, Anupam Gautam, Atulesh Dabral, Anurag Bahuguna, Ankit	meet.google.com/bnx- kqwc-sma Offline: Block 30-603 Online Google meet: meet.google.com/bnx-
and storage. 03:00 PM – 04:00 PM	Co-Chair: Dr Sanjay Sahu Authors: Atulesh Dabral, Rahul Kumar, Subhash Chandra Ram, Amit Moray, Sumit Mohan and Devesh Sharma Title: Effect of anti-reflective coating and dust spreading on performance of solar pv panels Authors: Sumit Mohan, Anupam Gautam, Atulesh	meet.google.com/bnx- kqwc-sma Offline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma
and storage. 03:00 PM – 04:00 PM PAPER ID: 10	Co-Chair: Dr Sanjay Sahu Authors: Atulesh Dabral, Rahul Kumar, Subhash Chandra Ram, Amit Moray, Sumit Mohan and Devesh Sharma Title: Effect of anti-reflective coating and dust spreading on performance of solar pv panels Authors: Sumit Mohan, Anupam Gautam, Atulesh Dabral, Anurag Bahuguna, Ankit	meet.google.com/bnx- kqwc-smaOffline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-smaOffline: Block 30-603 Online Google meet: meet.google.com/bnx-
and storage. 03:00 PM – 04:00 PM PAPER ID: 10	Co-Chair: Dr Sanjay Sahu Authors: Atulesh Dabral, Rahul Kumar, Subhash Chandra Ram, Amit Moray, Sumit Mohan and Devesh Sharma Title: Effect of anti-reflective coating and dust spreading on performance of solar pv panels Authors: Sumit Mohan, Anupam Gautam, Atulesh Dabral, Anurag Bahuguna, Ankit Jain and Subhash Chandra Ram	meet.google.com/bnx- kqwc-smaOffline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-smaOffline: Block 30-603 Online Google meet:
and storage. 03:00 PM – 04:00 PM PAPER ID: 10	Co-Chair: Dr Sanjay Sahu Authors: Atulesh Dabral, Rahul Kumar, Subhash Chandra Ram, Amit Moray, Sumit Mohan and Devesh Sharma Title: Effect of anti-reflective coating and dust spreading on performance of solar pv panels Authors: Sumit Mohan, Anupam Gautam, Atulesh Dabral, Anurag Bahuguna, Ankit Jain and Subhash Chandra Ram Title: Numerical Analysis of Out-of-Plane Crushing of Reinforced Honeycomb Core and Effect of Cell	meet.google.com/bnx- kqwc-smaOffline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-smaOffline: Block 30-603 Online Google meet: meet.google.com/bnx-
and storage. 03:00 PM – 04:00 PM PAPER ID: 10	Co-Chair: Dr Sanjay Sahu Authors: Atulesh Dabral, Rahul Kumar, Subhash Chandra Ram, Amit Moray, Sumit Mohan and Devesh Sharma Title: Effect of anti-reflective coating and dust spreading on performance of solar pv panels Authors: Sumit Mohan, Anupam Gautam, Atulesh Dabral, Anurag Bahuguna, Ankit Jain and Subhash Chandra Ram Title: Numerical Analysis of Out-of-Plane Crushing of Reinforced Honeycomb Core and Effect of Cell Parameters on its Properties	meet.google.com/bnx- kqwc-smaOffline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-smaOffline: Block 30-603 Online Google meet: meet.google.com/bnx-
and storage. 03:00 PM – 04:00 PM PAPER ID: 10	Co-Chair: Dr Sanjay Sahu Authors: Atulesh Dabral, Rahul Kumar, Subhash Chandra Ram, Amit Moray, Sumit Mohan and Devesh Sharma Title: Effect of anti-reflective coating and dust spreading on performance of solar pv panels Authors: Sumit Mohan, Anupam Gautam, Atulesh Dabral, Anurag Bahuguna, Ankit Jain and Subhash Chandra Ram Title: Numerical Analysis of Out-of-Plane Crushing of Reinforced Honeycomb Core and Effect of Cell Parameters on its Properties Authors:	meet.google.com/bnx- kqwc-smaOffline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-smaOffline: Block 30-603 Online Google meet: meet.google.com/bnx-kqwc-smaOffline: Block 30-603 Online Google meet: meet.google.com/bnx-kqwc-sma
and storage. 03:00 PM – 04:00 PM PAPER ID: 10 PAPER ID: 11	Co-Chair: Dr Sanjay Sahu Authors: Atulesh Dabral, Rahul Kumar, Subhash Chandra Ram, Amit Moray, Sumit Mohan and Devesh Sharma Title: Effect of anti-reflective coating and dust spreading on performance of solar pv panels Authors: Sumit Mohan, Anupam Gautam, Atulesh Dabral, Anurag Bahuguna, Ankit Jain and Subhash Chandra Ram Title: Numerical Analysis of Out-of-Plane Crushing of Reinforced Honeycomb Core and Effect of Cell Parameters on its Properties	meet.google.com/bnx- kqwc-smaOffline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-smaOffline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma





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	<b>Title:</b> Assessment Of Energy Gain In SPV Tree Structure With Bifacial PV Modules In Rajasthan	meet.google.com/bnx- kqwc-sma
PAPER ID: 31	Authors:Jayprakash Giri, Neraj Kumar Mishra, Ashish Patra and Manoj ShuklaTitle:Control Strategies of DFIG Technology-based Variable-Speed Wind Turbines- A Review	Offline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma
PAPER ID: 50	Authors: Arun Kumar Rawat, Subhash Chandra and Vinay Kumar Deolia Title: Optimal Energy Sharing In Hybrid Microgrid System Using BES	Offline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma
PAPER ID: 57	Authors: Rashmi Raghav, Alok Prakash Mittal and Bhavnesh Kumar Title: Comparative Study of Voltage Equalizing Circuits for Photovoltaic String	Offline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma









### DAY 2 | 4<sup>th</sup> August 2023 | SESSION I

### Paper Presentations || Day 2 || Session I || (02:00 PM - 03:15 PM)

Tracks/ Time (IST)	Session Chair & Co-Chairs	Venue Offline/Online
Track I: Session I Advances in renewable energy conversion technologies and processes. 02:00 PM – 03:15 PM	Chair: Dr. S. Shanmugam Co-Chair: Dr. Joginder Singh Panwar	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 54	Authors: Nitesh Kumar Choudhary and Sujit Karmakar Title: Thermo-Economic Analysis of Organic Rankine Cycle with Different Working Fluids for Waste Heat Recovery from Coal-based Power Plant	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 58	Authors: K Viswanath Allamraju Title: Review in the research of photovoltaics	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 60	Authors: Pankaj Shrirao, Pramod Magade and Hanumant Jagtap Title: Thermo-hydraulic of Fluid Flowing Through Circular Pipe With Wire Mesh Inserts having Varying Mesh Porosity	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 62	Authors: Akash Suryavanshi, Sachin Borade, Hanumant Jagtap, Pramod Magade and Shraddha Adewar Title: Experimental Investigation of Performance of Diesel Engine using Biodiesel	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
Paper ID: 63	Authors: Sanju J. Thomas, Shinu M. Varghese, Sudhansu Sekhar Sahoo and Mohamed M. Awad Title:	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb

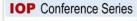


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	Solar Thornal Energy has a Electricity and	
	Solar Thermal Energy based Electricity and Desalination in India: The Impact of Viability	
	Gap Funding (VGF) to Normalise Levelised Cost	
	or Production	
	Authors:	
		Offline: Block 38 -
	Bahubali Farande and Dr. Hanumant Jagtap	Basement
Paper ID: 80	Titler	Online Google meet:
	Title:	meet.google.com/yjm-
	Review on Power Generation in Thermal Power	yhbo-fnb
	Plant	
	Authors:	
	Akashdeep Negi, Rajesh P. Verma and Lalit	Offline: Block 38 -
	Ranakoti	Basement
Paper ID: 83		Online Google meet:
	Title:	meet.google.com/yjm-
	An Experimental Study of Single Slope, Tilted	yhbo-fnb
	Wick Solar Still Operating Inside a Basin with	
	Varying Salt Concentrations	
	Authors:	Offline: Block 38 -
	Sourabh Gupta and Sumit Kanchan	Basement
PAPER ID: 84	Title:	Online Google meet:
	Investigation of performance and emission	meet.google.com/yjm-
	characteristics of Ethanol blended gasoline fuel as	yhbo-fnb
	a flex fuel in two-wheeler engine	ynoo mo
	č	
Track II: Session 1		Offline: Block 38-208
Sustainability in	Chair: Dr. Ravinder Kamboj	<b>Online Google meet:</b>
agriculture and climate	Co-Chair: Prof. Himmat Bhatia	U
change.	Co-Chan : 1 101. Inninat Dhatta	meet.google.com/isv-
02:00 PM - 03:15 PM		yhwn-gcg
	Authors:	
	Geetika Agarwal, Dr. Vrushali Y. Kulkarni, Dr.	
	Pramit Kumar Deb Burman and Pranali K.	Offline: Block 38-208
PAPER ID: 64	Kosamkar	<b>Online Google meet:</b>
	Title:	meet.google.com/isv-
		yhwn-gcg
	Predicting Gross Primary Productivity of The Forest Ecosystems Using Machine Learning	
	Techniques: A Review of Existing Approaches	
	Authors:	Offline: Block 38-208
PAPER ID: 85	Mr. Patil Sagar Baburao, Dr. R. B. Kulkarni,	<b>Online Google meet:</b>
	Mrs. Suchita S. Patil, Mr. Pramod A. Kharade	meet.google.com/isv-
	Mis. Suchita S. Fatti, Mi. Frankou M. Rharado	0 0
	Niis. Suoma S. Patri , Mi. Planou M. Marado	yhwn-gcg
		yhwn-gcg
Scopus	CleanEnergy IOP Conference Series	yhwn-gcg



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	<b>Title:</b> Precision Agriculture Model for Farm Irrigation	
	using Machine Learning to Optimize Water Usage	
PAPER ID: 110	<ul> <li>Authors: Sethu Narayanan Tamilselvan, S Shanmugan, Ravinder Kumar and A Sangeetha</li> <li>Title: Photosensitizer and self biocapping agent of fruit extract from chassalia curviflora to overwhelm charge recombination in dye sensitized solar cell</li> </ul>	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
PAPER ID: 114	Authors: K Viswanath Allamraju, M Sunil Kumar and P V Mahesh Title: A Comprehensive Review on Desalination using Solar Stills for Sustainability and Environmental Impact	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
PAPER ID: 120	Authors: Himmat Bhatia Title: Traditionally Assisted Smart Technology Motivated Passive Downdraft Cooling System: A Sustainable Ecofriendly Triple Harvest Solution	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
ICSESTS20231042	Authors: Maharshi Vyas Title: Assessment Of Energy Gain In SPV Tree Structure With Bifacial PV Modules In Rajasthan	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
Track III: Session 1 IoT for sustainable development. 02:00 PM – 03:15 PM	Chair: Dr. Charanjit Singh Co-Chair: Dr. Omdev Dahiya	Offline: Block 27-201 Online Google meet: meet.google.com/bdq- bnyj-ont
PAPER ID: 137	<b>Authors:</b> Rahul Sharma, Shakti Raj Chopra and Akhil Gupta	Offline: Block 27-201 Online Google meet: meet.google.com/bdq- bnyj-ont





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	Title:	
	Power Optimization of Unmanned Aerial	
	Vehicle-assisted Future Wireless Communication	
	using Hybrid Beamforming Technique	
	Authors:	Offline: Block 27-201
	Rakesh Kumar and Shakti Raj Chopra	Online Google meet:
PAPER ID: 140	Title:	meet.google.com/bdq-
	Security and Privacy Protocols for Energy	bnyj-ont
	Optimization in IoT: A Review	onyj-ont
	Authors:	
	Akanksha Sharma, Shakti Raj Chopra, Suhasg	
	Sapate and Prashant Basavaraj Bhagawati	Offline: Block 27-201
PAPER ID: 145		Online Google meet:
	Title:	meet.google.com/bdq-
	Recent Trends and advances in deep learning	bnyj-ont
	techniques for the classification of landslides using satellite images: comprehensive survey	
	Authors:	
	Anamika Agnihotri and Dr P V Ramana	Offline: Block 27-201
PAPER ID: 148		Online Google meet:
FAFER ID; 140	Title:	meet.google.com/bdq-
	Mechanical Enhanced Involuntary Stress-Strain	bnyj-ont
	Characteristics and Environmental Assessment:	~,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	GGBS & Silica-Fume Authors: P.V. Ramana, Engammagiri Ganesh and	
	MK Shrimali	Offline: Block 27-201
		Online Google meet:
PAPER ID: 149	Title: A Mechanical Approach: Novel	meet.google.com/bdq-
	Homopoty Perturbation Method for Solving	bnyj-ont
	Higher-order Ordinary Differential Equations.	
	Authors: Jayaprakash R, Shruti Bakshi,	Offline: Block 27-201
	Kamlash Rani and Suman Rani	Online Google meet:
PAPER ID: 160		meet.google.com/bdq-
	Title: Defect Induced high-color-rendering white	bnyj-ont
	light emissions from Ag-doped ZnO	~ ij j om
Track IV: Session 1		Offline: Block 30-603
Sustainable materials	Chair: Dr. Priyanka Jha	<b>Online Google meet:</b>
for energy conversion	Co-Chair: Dr Abhinav Joseph	meet.google.com/bnx-
and storage.	•	kqwc-sma
02:00 PM - 03:15 PM		1











	Authors:	
	K Viswanath Allamraju	Offline: Block 30-603
PAPER ID: 79		Online Google meet:
	Title:	meet.google.com/bnx-
	Investigation of thermal properties of silicon and	kqwc-sma
	cadmium telluride of solar cell panels for widening the sustainable energy	
	Authors:	
	Palvinder Singh and Amit Sachdeva	Offline: Block 30-603
PAPER ID: 81		<b>Online Google meet:</b>
	Title:	meet.google.com/bnx-
	DSSC Fundamentals and Optimization Materials	kqwc-sma
	:A Review	
	Authors:	
	Khairul Eahsun Fahim , Tanmoy Roy , Prioti Sarker , Md. Imam Mahdi , Md Ashraful Islam ,	
	Mohammad Hossein Ahmadi	Offline: Block 30-603
PAPER ID: 88		Online Google meet:
	Title:	meet.google.com/bnx-
	Min Max Play (MMP): A Parameter less	kqwc-sma
	Optimization Algorithm for Energy Economic	
	Load Dispatch Process	
	Authors:	Offline: Block 30-603
PAPER ID: 95	Raman Kumar and Anuj Jain	Online Google meet:
	Title:	meet.google.com/bnx-
	Method For Determining Engine Oil Quality	kqwc-sma
	Based on Inductive Properties of Used Engine Oil	
	Authors:	
	Parthiban V, Sunita Sundari Gunturi and	
	Harikrishna Erothu	Offline: Block 30-603
PAPER ID: 106	Title:	Online Google meet:
	Development of new materials for energy	meet.google.com/bnx-
	conservation for electrochemical device	kqwc-sma
	applications by using Plasticizer doped PVP:Ag+	
	polymer electrolyte	
	Authors:	
	A Sangeetha, S Shanmugan and A.E Kabeel	Offline: Block 30-603
PAPER ID: 107	Title:	Online Google meet:
	Utilizing the Activated Carbon from ZnO/Zea	meet.google.com/bnx-
	Mays to enhance the performance of double slope	kqwc-sma
	U – shape stepped basin solar still	
PAPER ID: 111	Authors:	Offline: Block 30-603
	P Selvaraju, S Shanmugan, Ravinder Kumar and	<b>Online Google meet:</b>
	A Sangeetha	





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<b>Title:</b> Looking for prediction of the temperature components improve solar cooker using Laplacian tactic rules	meet.google.com/bnx- kqwc-sma











## DAY 2 | 4<sup>th</sup> August 2023 | SESSION II

### Paper Presentations || Day 2 || Session II || (03:30 PM - 04:45 PM)

Tracks/ Time (IST)	Session Chair & Co-Chairs	Venue Offline/Online
Track I: Session II Advances in renewable energy conversion technologies and processes. 03:30 PM – 04:45 PM	Chair: Dr. Rajnesh Solanki Co-Chair: Dr. Jeet Prakash Sharma	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 90	Authors: Prajwal Kaname,Deepak Jha, Kunal Kamble, Rutuja Ghutke, Varsha P. Jagtap, Pratiksha Kolekar Title: Design of HVAC System using the Phenomena of Diurnal Temperature fluctuation	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 99	Authors: Abhiskek Kumar Gupta, Ankur Gangwara, Harvindra Singh and Chandra Kishore Title: Thermal and hydraulic performance are investigated numerically for fully developed turbulent flow inside a heat exchanger tube with multiple-fan inserts	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 100	Authors: Tarun Prakash Prajapati, Abhiskek Kumar Gupta, Ankur Gangwar, Harvindra Singh and Chandra Kishorea Kishore Title: Heat transfer characteristics of rectangular heat exchanger with circular fin roughness	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 102	Authors: Pratap Sonawane, Shayamsigh Thakur and Dole Niraj	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb

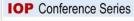


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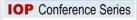


	<b>Title:</b> A survey on best operational practices and key parameters to augment the biogas generation and mitigate the operational difficulties in bio- digesters of the western region of Maharashtra India	
PAPER ID: 135	Authors:         Amol Joshi and Santosh Jaju         Title:         Various curve geometries to improve Bending strength of involute tooth profile of spur gea	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 138	Authors:         Jatoth Heeraman         Title:         Innovative Heat Transfer Enhancement in Double         Pipe Heat Exchanger: Exploring Twisted Tape         Inserts with Dimple Configurations	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 141	Authors:         Niraj Dole, Dr. Pratap Sonawane, Jayant         Bhangale, Shyamsingh Thakur and Ankita Patil         Title:         Evaluation of Nanoparticle-Enhanced Cocklebur         Biodiesel's Effect on Four-Stroke Diesel Engine         Performance	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 142	Authors:         Asfakahemad Shekh, Kevin Patel, Nikul Patel         and Bhavesh Pathak         Title:         Assessment of Critical Parameters of Low-         Capacity Diesel Engine Fueled by Multiple         Biodiesel Blends Using Diesel-RK Software.	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 144	Authors:         Dunga Simhana Devi, Ravinder Kumar and         Upendra Rajak         Title:         Testing and performance of waste plastic oil in         compressed ignition Variable compression         Engine	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb





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Track II: Session II Sustainability in agriculture and climate change. 03:30 PM – 04:30 PM	Chair: Dr. Sarika Sharma Co-Chair: Dr. Nitin Gupta	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
ICSESTS20231060	Authors: Maanat Bhadani Title: Wind energy feasibility studies and wind turbine selection for residential applications of the city Surat, India	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
ICSESTS20231080	Authors: Dr R.Sri Devi Title: Plant leaf disease diagnosis using Machine Learning algorithm for Sustainable Agriculture	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
ICSESTS20231128	Authors: Chandrashekhar Bhoyar Title: Fuzzy rules based smart irrigation system using adaptive bacterial foraging optimization	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
ICSESTS20231129	Authors: Chand Pasha Mohammed Title: Blockchain Enabled Secure Data Transmission with NB-IoT deployment in Smart Agriculture: A Case Study of Crop Watch	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
ICSESTS20231134	Authors: Thatipamula Vihal Title: Solar Tracking with Auto Irrigation System	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
ICSESTS20231159	Authors: Pawan Kumar Kuldeep Title: Fabrication and Testing of a Muti-Feature Solar Still	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg





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Paper ID - 67	Authors: Taqi Ahmad Cheema, Hasan Yildizhan, Hamza Javed, Muhammad Hasnain Tariq, Muhammad Talha Basharat, Zain Mehmood Subhani, Omid Fakhraei, Shiva Gorjian, Mohammad Hossein Ahmadi and Chandan Pandey Title: Experimental and Numerical Investigation of a Solar Thermocline System for Domestic Water Heating Applications	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
Track III: Session II IoT for sustainable development. 03:30 PM – 04:30 PM	Chair: Dr. Shakti Raj Chopra Co-Chair: Dr. Parul Preet Singh	Offline: Block 27-201 Online Google meet: meet.google.com/bdq- bnyj-ont
Paper ID: 163	<ul> <li>Authors: Nsikakabasi Williamson Ntia, Olusola Bamisile, Chiagoziem Ukwuoma, Dongsheng Cai and Qi Huang</li> <li>Title: AI Techniques in Smart Energy Management for Energy Forecasting and optimization</li> </ul>	Offline: Block 27-201 Online Google meet: meet.google.com/bdq- bnyj-ont
Paper ID - 31	Authors: Ashish Patra Title: Control Strategies of DFIG Technology-based Variable-Speed Wind Turbines- A Review	Offline: Block 27-201 Online Google meet: meet.google.com/bdq- bnyj-ont
Paper ID - 146	Authors: Pureti Siva Naga Masthan Vali Title: Experimental Investigation on Solar Aluminium Can Air Heater With And Without Latent Heat Storage	Offline: Block 27-201 Online Google meet: meet.google.com/bdq- bnyj-ont
Paper ID - 26	Authors: Gaurav Title: Performance evaluation of solid state transformer (SST) enabled hybrid distribution grid	Offline: Block 27-201 Online Google meet: meet.google.com/bdq- bnyj-ont





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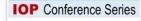
Paper ID - 48	Authors: Harpreet Singh Bedi Title: Traffic Surveillance Using Computer Vision and Deep Learning Methods	Offline: Block 27-201 Online Google meet: meet.google.com/bdq- bnyj-ont
Paper ID - 133	Authors: ARUN KUMAR MAURYA Title: A Comprehensive Analytical Study of Electric Vehicle's Dynamics and its Essential Parameters	Offline: Block 27-201 Online Google meet: meet.google.com/bdq- bnyj-ont

<b>Track IV: Session II</b> Sustainable materials for energy conversion and storage. 03:30 PM – 04:30 PM	Chair: Dr. Ravindra Jilte Co-Chair: Dr Ashish Sharma	Offline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma
PAPER ID: 112	Authors: C Suresh, V Chithambaram, M Muthucumaraswamy, S Shanmugan, Ravinder Kumar and A Sangeetha Title: Regenerative effective analysis on single slope solar still from Ricinus Communis leaves with Ag nanoparticles doped phase change materials.	Offline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma
PAPER ID: 147	Authors: Aveek Gupta Title: The Role of Catalyst in Hydrogen Production: A Critical Review	Offline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma
PAPER ID: 150	<ul> <li>Authors:</li> <li>Md Ashraful Islam, Khairul Eahsun Fahim, Omer Faruqe and Mohammad Hossein Ahmadi</li> <li>Title:</li> <li>Techno-economic feasibility analysis of a grid- connected hybrid PV power system for Malaysi</li> </ul>	Offline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma
PAPER ID: 161	Authors: Xuyang Liu, Dongsheng Cai, Chiagozeim Ukwuoma, Qi Huang and Olusola Bamisile	Offline: Block 30-603 Online Google meet:





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	<b>Title:</b> A Survey of Geothermal Power Generation Combined with Renewable Energy for Low Carbon Emission	meet.google.com/bnx- kqwc-sma
PAPER ID: 162	Authors:Jatoth Heeraman and R KalyaniTitle:Towards a Sustainable Future: Design and Fabrication of a Solar-Powered Electric Vehicle	Offline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma
PAPER ID: 165	Authors:Dongsheng Cai, Humphrey Adun, Ernest ZoaNdifor, Ali Shefik, Yihua Hu and OlusolaBamisileTitle:What Next for the CEMAC Region: AnENERGYPLAN Analysis of renewable energyshare in the decarbonization program	Offline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma
PAPER ID: 166	Authors:         Sandra Obiora, Humphrey Adun, Yihua Hu and         Olusola Bamisile         Title:         Assessing the Decarbonization of Global         Electricity Generation in Major	Offline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma









# DAY 3 | 5<sup>th</sup> August 2023 | SESSION I

### Paper Presentations || Day 3 || Session I || (02:00 PM - 03:15 PM)

Tracks/ Time (IST)	Session Chair & Co-Chairs	Venue Offline/Online
Track I: Session I Advances in renewable energy conversion technologies and processes. 02:00 PM – 03:15 PM	Chair: Dr. Abd Elnaby Kabeel Co-Chair: Dr. S Shanguhman	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 159	Authors: Kartik Kapoor, Eswaramoorthy Muthusamy and Nikhil Pg Title: Feasibility Analysis and Design Optimization of a 2 MWp Grid-Tied Solar Photovoltaic Plant	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
ICSESTS20231130	Presenting Authoe: Dr. Rajneesh Kumar Title: Technical investigation of hydrogen production and CO2 capture based on Ammonia-Dextrose feed model with and without ZnO along with economic outlook	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 27	Authors: Hristo Beloev, Ravinder Kumar, Danil Vafin, Yury Vankov, Iliya Iliev and Ylia Valeeva Title: Dependence of thermal parameters in the radiation chamber of the ethane pyrolysis furnace on the placement of burners	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb
PAPER ID: 28	Authors: Hristo Beloev, Alexander Fedyukhin, Daniil Semin, Yulia Valeeva, Stanislav Dronov, Alexey Gusenko, Ravinder Kumar, Iliya Iliev and Ivan Beloev	Offline: Block 38 - Basement Online Google meet: meet.google.com/yjm- yhbo-fnb

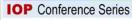


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	Title: Prospects of hydrogen application as a fuel for	
	Prospects of hydrogen application as a fuel for large-scale compressed-air energy storages	
	Authors:	
	Iliya Iliev, Agnieszka Kijo-Kleczkowska, Hristo	Offline: Block 38 -
PAPER ID: 68	Beloev and Ravinder Kumar	Basement
I AI LK ID. 00		Online Google meet:
	Title:	meet.google.com/yjm-
	Coal-biomass pellets combustion research	yhbo-fnb
	Authors:	
	Caroline Acen, Olusola Bamisile, Michael	
	Adedeji, Humphrey Adun, Mustafa Dagbasi,	Offline: Block 38 -
	Yihua Hu and Iain Staffell	Basement
PAPER ID: 113		<b>Online Google meet:</b>
	Title:	meet.google.com/yjm-
	Energy, Exergy, And Exergoeconomic Cost	yhbo-fnb
	Optimization Of Wind-Bioass Multi-Energy	
	Systems Integrated For Hydrogen Production	
Track II: Session I		Offline: Block 38-208
Sustainability in	Chair: Dr. Ravishankar Satyamurthy	<b>Online Google meet:</b>
agriculture and climate	Co-Chair: Dr. Reji Thomas	meet.google.com/isv-
change.		
<u> </u>		
02:00 PM – 03:15 PM	, i i i i i i i i i i i i i i i i i i i	yhwn-gcg
<u> </u>	Authors:	
<u> </u>	Authors: Emmanuel Osei-Mensah, Olusola Bamisile,	
<u> </u>	Authors: Emmanuel Osei-Mensah, Olusola Bamisile, Dongsheng Cai, Joseph Nkou Nkou Junior, Isaac	yhwn-gcg
<u>02:00 PM – 03:15 PM</u>	Authors: Emmanuel Osei-Mensah, Olusola Bamisile,	yhwn-gcg Offline: Block 38-208
<u> </u>	Authors: Emmanuel Osei-Mensah, Olusola Bamisile, Dongsheng Cai, Joseph Nkou Nkou Junior, Isaac Osei Nyantakyi, Qi Huang and Iain Staffell	yhwn-gcg Offline: Block 38-208 Online Google meet:
<u>02:00 PM – 03:15 PM</u>	Authors: Emmanuel Osei-Mensah, Olusola Bamisile, Dongsheng Cai, Joseph Nkou Nkou Junior, Isaac Osei Nyantakyi, Qi Huang and Iain Staffell Title:	yhwn-gcg Offline: Block 38-208 Online Google meet: meet.google.com/isv-
<u>02:00 PM – 03:15 PM</u>	Authors: Emmanuel Osei-Mensah, Olusola Bamisile, Dongsheng Cai, Joseph Nkou Nkou Junior, Isaac Osei Nyantakyi, Qi Huang and Iain Staffell Title: Unveiling Ghana's Renewable Energy Potential	yhwn-gcg Offline: Block 38-208 Online Google meet:
<u>02:00 PM – 03:15 PM</u>	Authors: Emmanuel Osei-Mensah, Olusola Bamisile, Dongsheng Cai, Joseph Nkou Nkou Junior, Isaac Osei Nyantakyi, Qi Huang and Iain Staffell Title: Unveiling Ghana's Renewable Energy Potential and The Path To Affordable Electricity Based On	yhwn-gcg Offline: Block 38-208 Online Google meet: meet.google.com/isv-
<u>02:00 PM – 03:15 PM</u>	Authors: Emmanuel Osei-Mensah, Olusola Bamisile, Dongsheng Cai, Joseph Nkou Nkou Junior, Isaac Osei Nyantakyi, Qi Huang and Iain Staffell Title: Unveiling Ghana's Renewable Energy Potential	yhwn-gcg Offline: Block 38-208 Online Google meet: meet.google.com/isv-
<u>02:00 PM – 03:15 PM</u>	Authors: Emmanuel Osei-Mensah, Olusola Bamisile, Dongsheng Cai, Joseph Nkou Nkou Junior, Isaac Osei Nyantakyi, Qi Huang and Iain Staffell Title: Unveiling Ghana's Renewable Energy Potential and The Path To Affordable Electricity Based On Levelized Cost Of Electricity From Solar And	yhwn-gcg Offline: Block 38-208 Online Google meet: meet.google.com/isv-
<u>02:00 PM – 03:15 PM</u>	Authors: Emmanuel Osei-Mensah, Olusola Bamisile, Dongsheng Cai, Joseph Nkou Nkou Junior, Isaac Osei Nyantakyi, Qi Huang and Iain Staffell Title: Unveiling Ghana's Renewable Energy Potential and The Path To Affordable Electricity Based On Levelized Cost Of Electricity From Solar And Wind	yhwn-gcg Offline: Block 38-208 Online Google meet: meet.google.com/isv-
<u>02:00 PM – 03:15 PM</u>	Authors: Emmanuel Osei-Mensah, Olusola Bamisile, Dongsheng Cai, Joseph Nkou Nkou Junior, Isaac Osei Nyantakyi, Qi Huang and Iain Staffell Title: Unveiling Ghana's Renewable Energy Potential and The Path To Affordable Electricity Based On Levelized Cost Of Electricity From Solar And Wind Authors:	yhwn-gcg Offline: Block 38-208 Online Google meet: meet.google.com/isv-
<u>02:00 PM – 03:15 PM</u>	Authors: Emmanuel Osei-Mensah, Olusola Bamisile, Dongsheng Cai, Joseph Nkou Nkou Junior, Isaac Osei Nyantakyi, Qi Huang and Iain Staffell Title: Unveiling Ghana's Renewable Energy Potential and The Path To Affordable Electricity Based On Levelized Cost Of Electricity From Solar And Wind Authors: Isaac Osei Nyantakyi, Qun Wan, Lihua Ni,	yhwn-gcg Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
02:00 PM – 03:15 PM PAPER ID: 115	Authors: Emmanuel Osei-Mensah, Olusola Bamisile, Dongsheng Cai, Joseph Nkou Nkou Junior, Isaac Osei Nyantakyi, Qi Huang and Iain Staffell Title: Unveiling Ghana's Renewable Energy Potential and The Path To Affordable Electricity Based On Levelized Cost Of Electricity From Solar And Wind Authors: Isaac Osei Nyantakyi, Qun Wan, Lihua Ni,	yhwn-gcg Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg Offline: Block 38-208
02:00 PM – 03:15 PM PAPER ID: 115	Authors: Emmanuel Osei-Mensah, Olusola Bamisile, Dongsheng Cai, Joseph Nkou Nkou Junior, Isaac Osei Nyantakyi, Qi Huang and Iain Staffell Title: Unveiling Ghana's Renewable Energy Potential and The Path To Affordable Electricity Based On Levelized Cost Of Electricity From Solar And Wind Authors: Isaac Osei Nyantakyi, Qun Wan, Lihua Ni, Emmanuel Osei Mensah and Olusola Bamisile	yhwn-gcg Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg Offline: Block 38-208 Online Google meet:
02:00 PM – 03:15 PM PAPER ID: 115	Authors: Emmanuel Osei-Mensah, Olusola Bamisile, Dongsheng Cai, Joseph Nkou Nkou Junior, Isaac Osei Nyantakyi, Qi Huang and Iain Staffell Title: Unveiling Ghana's Renewable Energy Potential and The Path To Affordable Electricity Based On Levelized Cost Of Electricity From Solar And Wind Authors: Isaac Osei Nyantakyi, Qun Wan, Lihua Ni, Emmanuel Osei Mensah and Olusola Bamisile Title:	yhwn-gcg Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg Offline: Block 38-208 Online Google meet: meet.google.com/isv-





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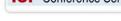


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PAPER ID: 161	Authors: Xuyang Liu, Dongsheng Cai, Chiagozeim Ukwuoma, Qi Huang and Olusola Bamisile Title: A Survey of Geothermal Power Generation Combined with Renewable Energy for Low Carbon Emission	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
PAPER ID: 163	Authors: Nsikakabasi Williamson Ntia, Olusola Bamisile, Chiagoziem Ukwuoma, Dongsheng Cai and Qi Huang Title: AI Techniques in Smart Energy Management for Energy Forecasting and optimization	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
PAPER ID: 165	Authors: Dongsheng Cai, Humphrey Adun, Ernest Zoa Ndifor, Ali Shefik, Yihua Hu and Olusola Bamisile Title: What Next for the CEMAC Region: An ENERGYPLAN Analysis of renewable energy share in the decarbonization program	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
PAPER ID: 179	Authors: Rongquan Fan, Wenhui Zeng, Dongsheng Cai, Ruipeng Liang, Olusola Bamisile and Qi Huang Title: The optimal diameter design of high-capacity transmission tunnels based on analysis of cable thermal effects	Offline: Block 38-208 Online Google meet: meet.google.com/isv- yhwn-gcg
Track III: Session I IoT for sustainable development. 02:00 PM – 03:15 PM	Chair: Dr. Mohammad H. Ahmadi Co-Chair: Dr. Jeet Prakash Sharma	Offline: Block 27-201 Online Google meet: meet.google.com/bdq- bnyj-ont
Paper ID - 153	Authors: Arun Kumar Maurya	Offline: Block 27-201 Online Google meet: meet.google.com/bdq- bnyj-ont
	CleanEnergy IOP Conference Series	









	Title:	
	Co-relative Parameters of Electric Vehicle to	
Paper ID - 69	Obtain Optimum Characteristics Authors:	
	Iliya Iliev, Azamat R Gizzatullin, Antonina A	
	Filimonova, Natalia D Chichirova, Hristo	Offline: Block 27-201
	Beloev and Ravinder Kumar	<b>Online Google meet:</b>
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	Title:	bnyj-ont
	Numerical simulation of processes in an	
	electrochemical cell using Comsol Multiphysics	
Paper ID - 125	Authors:	Off. Di 1 07 001
	Galym Kalimbetov, W Wojcik and Bulbul Ongar	Offline: Block 27-201
	Title:	Online Google meet: meet.google.com/bdq-
	Mathematical modeling of the control system of	bnyj-ont
	a multifunctional energy complex	bhyj-ont
Paper ID - 164	Authors:	
<b>*</b>	Harriet Agobah, Olusola Bamisile, Chiagoziem	
	Ukwuoma, Dongsheng Cai and Qi Huang	Offline: Block 27-201
		Online Google meet:
	Title:	meet.google.com/bdq-
	Electric Vehicle Networks Energy Demand	bnyj-ont
	Prediction Based on RGANS And Multi-Layered	
	Attention	
Paper ID - 166	Authors:	
	Sandra Obiora, Humphrey Adun, Yihua Hu and Olusola Bamisile	Offline: Block 27-201
	Olusola Bannsne	<b>Online Google meet:</b>
	Title:	meet.google.com/bdq-
	Assessing the Decarbonization of Global	bnyj-ont
	Electricity Generation in Major	
Paper ID - 191	Authors:	
	Murat Kaan, Mustafa Serdar GenÇ and Alparslan	
	Bozkurt	Offline: Block 27-201
	Title:	Online Google meet:
	Optimizing The Energy Storage System of a	meet.google.com/bdq- bnyj-ont
	Hybrid Renewable Energy System Using	bnyj-ont
	HOMER	
Track IV: Session I	Chair: Prof. (Dr.) Shailesh N Sharma	Offline: Block 30-603
Track IV: Session I	Co-Chair: Dr Sanjay Sahu	<b>Online Google meet:</b>
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Sustainable materials for energy conversion and storage. <b>02:00 PM – 03:15 PM</b>		meet.google.com/bnx- kqwc-sma
PAPER ID: 179	Authors: Rongquan Fan, Wenhui Zeng, Dongsheng Cai, Ruipeng Liang, Olusola Bamisile and Qi Huang Title: The optimal diameter design of high-capacity transmission tunnels based on analysis of cable thermal effects	Offline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma
PAPER ID: 190	Authors: Paromita Mukherjee, Radhey Shyam Sharma, Swagata Karmakar and Vandana Mishra Title: Recent Advances in Technologies for Remediation of Textile Dyeing Wastewater: Sustainability and Environmental Safety	Offline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma
PAPER ID: 141	Authors: Niraj Balkrishna Dole Title: Evaluation of Nanoparticle-Enhanced Cocklebur Biodiesel's Effect on Four-Stroke Diesel Engine Performance	Offline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma
PAPER ID: 112	Authors: C Suresh, V Chithambaram, M Muthucumaraswamy, S Shanmugan, Ravinder Kumar and A Sangeetha Title: Regenerative effective analysis on single slope solar still from Ricinus Communis leaves with Ag nanoparticles doped phase change materials	Offline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma
PAPER ID: 46	Authors:         Ravishankar Sathyamurthy         Title:         Combined sensible heat and nano-enhanced latent         heat energy storage for solar thermal evaporation-         An experimental approach	Offline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma





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PAPER ID: 86	Authors: Amirov S.F., Sulliev A.H., Sharapov Sh.A., Balgayev N.E., Ongar B. Title: Study of magnetic circuits of differential transformer displacement sensors	Offline: Block 30-603 Online Google meet: meet.google.com/bnx- kqwc-sma









