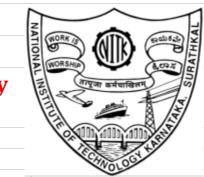


International Conference

on

Advancements in Smart Sustainable Energy Source Technologies and Systems



		_	20000
	Timings	PROGRAMME SCHEDULE, DAY-1	Venue
	08:00 am to 09:30 am	On Desk Registration	LHC-C
	09:30 am to 10:00 am	Inauguration	Ziio o
	09:30 am to 09:32 am	Prayer	
	09:32 am to 09:36 am	Remarks by Convenor/HoD	
	09:36 am to 09:38 am	Welcome	
	09:38 am to 09:40 am	Lighting of the lamp	
	09:40 am to 09:43 am	Launch of the Conference Proceedings	
	09:43 am to 09:45 am	Introduction by Organising Secretary	
	09:45 am to 09:50 am	Remarks by Chief Guest	
	09:50 am to 09:55 am	Remarks by Director	LHC-C
	09:55 am to 09:58 am 09:58 am to 10:00 am	Vote of Thanks by Organising Secretary National Anthem	Video call link:
	10:00 am to 10:30 am		video can illik:
	10.00 am to 10.30 am	High Tea	https://meet.
		Keynote Address	google.com/vyv-
	10:30 am to 11:30 am	PROF. K. GOPAKUMAR, INDIAN INSTITUTE OF SCIENCE (IISC), BANGALORE	<u>tjwm-nhb</u>
	10.50 am to 11.50 am	A research Overview on Inverter Topologies for Drives and	
		Grid-tied Applications	
		Invited Speech (Online)	
	44.00 . 40.00	MR. RAJEEV SAPRA,	
	11:30 am to 12:30 pm	DEPUTY GENERAL MANAGER, DELHI TRANSCO LTD	
		Challenges, Opportunities, and Reforms in Indian DISCOMS	
	12:30 pm to 01:30 pm	Lunch	
		Paper Presentation	
	01:30 pm to 03:00 pm	Track 1: Renewable Energy Sources	
	o zio o più do doi do più	Track 2: Smart Grids and Energy Storage	
		Session Chair	
M a r c h 1 1 2 0 2 4 M o		DR. Ravi Raushan &	
		DR. Sumanth Govindarajan	
		Paper-ID : 18	
	01:30 pm to 01:40 pm	Title:-Effect of straight plate deflectors on the performance of	
		modified Savonius rotor at low wind speeds	
	01:40 pm to 01:50 pm	Paper-ID : 03 Title:-Dual Output Converter for EV Charging in a Bipolar DC	
	orito pin to orito pin	Microgrid	
		Paper-ID :23	
	01:50pm to 02:00pm	Title:- Enhancing Solar Panel Efficiency Through Temperature	
		Regulation Paper-ID : 45	
	02:00 pm to 02:10 pm	Title:- Performance Analysis of PI And PID Controllers For Multi-Port	
		Renewable Energy Source Integration Using Buck- Boost Converter	
		Paper-ID : 46	
	02:10 pm to 02:20 pm 02:20 pm to 02:30 pm	Title:-GENERATING BIOGAS AND FERTILIZER FROM MSW USING	
		AQUATIC WEEDS FOR SUSTAINABLE ENERGY DEVELOPMENT Paper-ID: 20	
n		Title:-Sessional Solar Energy Assessment using PVsyst and SAM	
d		Paper-ID: 08	EEE Seminar Hall
a y	02:30 pm to 02:40 pm	Title: Harmonizing Fuel Cells and Diesel Generators for Enhanced	
		Frequency Regulation in Multi-Area Microgrids	
	02:40 pm to 02:50 pm	Paper-ID: 63	Google Meet joining
		Title: Cloudy Sky Detection from Sky Camera Data using ResNet-50 Paper-ID: 14	info
	02:50 pm to 03:00 pm	Title:-Design of a Grid-connected Adaptive Control Model for a	
		Voltage Source Inverter with an LCL filter	Video call link:
		Invited Speech (Online)	https://meet.
	03:00 pm to 03:30 pm	DR. P KOSMOPOULOS,	google.com/vyv-
	03.00 pm to 03.30 pm	NATIONAL OBSERVATORY OF ATHENS, GREECE	<u>tjwm-nhb</u>
		Planning and Management of Solar Power from Space	
	03:30 pm to 04:00 pm	High Tea	
		Paper Presentation	
	04:00 pm to 05:00 pm	Track 3: Energy Conversion Technologies	
		Track 4: Internet of Things (IoT) in Energy Systems	
		Session Chair	
		DR. Md Waseem Ahmad &	
		DR. Rajasekaran C	
	04:00 pm to 04:10 pm	Paper-ID : 25	
		Title:-Digital Health Insights: Arduino with IoT integration Paper-ID: 54	
	04:10 pm to 04:20 pm	Title:- Autonomous vehicle with GPS integration	
	04.00	Paper-ID: 59	
	04:20 pm to 04:30 pm	Title:- An Autonomous Navigating Robot for Industrial Inspection	
		Paper-ID : 60	
	04:30 pm to 04:40 pm	Title:-Review on Energy Monitoring, Prediction and Controlling	
		System Paper-ID : 65	
	04:40 pm to 04:50 pm	Title: Cloud Segmentation and Prediction in Sky Image using Masking	
		and Deep Learning Approch	
		Paper-ID : 61	

Paper-ID: 61

Title:- Smart attendance system based on face recognition

PROGRAMME SCHEDULE, DAY-2

Invited Speech (Online)

Venue

04:50 pm to 05:00 pm

Timings

	09:00 am to 10:30 am	DR. ANKIT SHARMA, NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST), GAITHERSBURG, MD, USA Fire Safety Challenges in Electric Economy: Li-ion	
		Battery Fires Invited Speech (Online)	
	10:30 am to 11:30 am	DR. S B SRIVASTAVA, MICHIGAN STATE UNIVERSITY, USA	
		Organic Photovoltaic Interfaces in Bioelectronics (Retinal Prosthesis & Other Medical Devices)	
	11:30 am to 12:00 pm	High Tea	
	12:00 pm to 01:30 pm	Paper Presentation Track 5: Sustainable Transportation and Electrification	
		Track 6: Energy Policy and Economics Session Chair	
		DR. Arun Dominic & DR. Saurabh Chandraker	
	12:00 pm to 12:10 pm	Paper-ID : 27 Title:- INTELLIGENT DC CHARGING SYSTEM FOR ELECTRIC VEHICLES USING THREE-PHASE GRID SYSTEM AND ANN-CONTROLLER	
	12:10 pm to 12:20 pm	Paper-ID : 16 Title:- Optimized Performance of Alkaline Fuel Cell Powered BLDC Motor drive Using Incremental Conductance with Interleaved Boost Converter for Electric Vehicles	
	12:20 pm to 12:30 pm	Paper-ID : 28 Title:- INTEGRATED BOOST-LUO DC-DC CONVERTER FOR FUEL CELL INTERFACED MULTIMODE HYBRID ELECTRIC VEHICLES	
M		Paper-ID: 19	
a r c	12:30 pm to 12:40 pm	Title:-Solar Photovoltaic Material Based Energy Design and Economic Analysis	
h	12:40 pm to 12:50 pm	Paper-ID : 57 Title:-Programmable Controller for Optimum Usage of Hybrid Renewable Energy Sources in Residential Community	EEE Seminar Hall
1 2	12:50 pm to 01:00 pm	Paper-ID: 44 Title:-Implementation of STATCOM to Improve Potential Re-liability of a Grid Connected Doubly Fed Asynchronous Generator	EEE SCHIIIAI HAII
2 0 2	01:00 pm to 01:10 pm	Paper-ID: 29 Title:-POWER QUALITY INROVEMENT IN SWITCHING QUASI- IMPROVED SEPIC CONVERTER AND VOLTAGE SOURCE INVERTER BASED TOPOLOGY FOR A 1-PHASE GRID	Google Meet joining info
4	01:10 pm to 01:20 pm	Paper-ID : 58 Title:-Thermally Overheated Pixel Detection and it's Classification in	Video call link:
T u	01:30 pm to 02:30 pm	PV Panel Thermal Images using Machine Learning Approach Lunch	https://meet. google.com/vyv-
e		Paper Presentation	tjwm-nhb
s d a y	02:30 pm to 04:00 pm	Track 7: Emerging Technologies and Innovations	
		Track 8: Environmental Impact and Sustainability	
		Session Chair	
		DR. S M Kotian & DR. Prabu K	
	02:30 pm to 02:40 pm	Paper-ID: 49 Title:-Prediction-Based Scheduling of Hybrid Renewable Energy Microgrid for a Residential Community Using Machine Learning	
		Algorithm Paper-ID: 35	
	02:40 pm to 02:50 pm	Title:-Fault Distance Estimation in IEEE 30 Bus System Using Fully Convolutional and Transformer Network Based Hybrid Model	
	02:50 pm to 03:00 pm	Paper-ID: 17 Title:- Development of Intelligent Technique to Minimize Power Loss and Improve Voltage Stability with integration of DG	
	03:00 pm to 03:10 pm	Paper-ID : 55 Title:-Anomaly Detection of Solar PV Plant using AI	
	03:10 pm to 03:20 pm	Paper-ID : 62 Title:-Temporal Fusion Transformer Model for Solar Power Forecasting Paper-ID : 56	
	03:20 pm to 03:30 pm	Title:-Prediction-Based Scheduling of Hybrid Renewable Energy Microgrid for a Residential Community Using Machine Learning Algorithm	
	03:30 pm to 03:40 pm	Paper-ID :15 Title:-Use of solar photovoltaic modules and phase change material for hot water production	
		Paper-ID: 53	
	03:40 pm to 03:50 pm	Title:- Evaluation of Partial Discharge Statistics on Medium Voltage Cable Joints under influence of Temperature	
	03:40 pm to 03:50 pm 03:50 pm to 04:00 pm		
		Cable Joints under influence of Temperature Paper-ID: 22 Title:-A VOICE ENABLED PROTOTYPE AS A ENERGY CONSERVATION	