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**Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY**  
Outer Ring Road, Malathahalli, Bengaluru-560056, Karnataka, India

**International Multi-Conference  
On  
“Advances in Information Technology, Communication and Energy Systems”  
(AITCES-2024)**

**DAY 1: Tuesday, January 23, 2024  
Session 01**

<b>TRACK 3: Renewable Energy Systems (Electrical and Energy Systems Next Generation Power Systems)</b>				<b>Venue: Room No. A 217</b>
<b>THEME : Electric Vehicle/ Battery Management</b>				
<b>Sl. No.</b>	<b>Timings</b>	<b>Paper ID</b>	<b>Title</b>	<b>Authors</b>
1	3.30-3.45 PM	242	Comparison of Statistical and Machine Learning Models for Accurate Battery Capacity Estimation	Sesidhar Devalraju, Chandrashekar Badachi, Dinakar Prabhu and Janamejaya Channegowda, <b>Ramaih Institute of Technology</b>
2	3.45-4.00 PM	254	AGRO: Your One-Stop Solution for Crop Trading and Delivery	Suhasgowda HS, Rohini TV, Srinivas C, Sudeep HM, Sachin Rathod, <b>Dayananda Sagar College Of Engineering</b>
3	4.00-4.15 PM	225	Design and Integration of a Flexible Textile Antenna for 8GHz Applications in Wearable Technology	Tejas M P, Sowmya A M, <b>Dayananda Sagar Academy of Technology and Management</b>
4	4.15-4.30 PM	226	Design and Simulation of Half-Bridge LLC Resonant Power Converter for Battery Charging Application	Swathi H S, Guruswamy K P, <b>University Visvesvaraya College of Engineering</b>
5	4.30-4.45 PM	227	Design and Simulation of Flyback Converter for Automotive Battery Charging Application	Raghavendra B; Raghavendra T N; Guruswamy K P, <b>University Visvesvaraya College of Engineering</b>
6	4.45-5.00 PM	206	An SPV/FC/BESS based PMSM Drive for Electric Vehicle Traction Applications	Sheshadri Shekhar Rauth; Bhavesh Nandan, <b>Indian Institute of Technology Kharagpur</b>



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**DAY 2: Wednesday, January 24, 2024**

**Session 01**

<b>TRACK 3: Renewable Energy Systems (Electrical and Energy Systems Next Generation Power Systems)</b>				<b>Venue: Room No. A 217</b>
<b>THEME : Electric Green Energy/Power Systems/Drives</b>				
<b>Sl. No.</b>	<b>Timings</b>	<b>Paper ID</b>	<b>Title</b>	<b>Authors</b>
1	9.00-9.15 AM	49	Optimal location of FACTS Controllers under Contingency Condition using GA Techniques	Tanuja K S, Shankarlingappa C B, <b>Dr. AIT</b>
2	9.15-9.30 AM	63	Design of High-Power Single Phase Bidirectional On-Board Charger for V2G and G2V Applications	Malleni Omkar, M.Vijaya Kumar, K.Narasimhaiah Achari, <b>JNTU, ANANTAPUR</b>
3	9.30-9.45 AM	124	Power Quality Balance System For Grid Connected Solar Power System	Vijay Kumar K, Shankar C Byalihal, <b>Dr AIT</b>
4	9.45-10.00 AM	61	Grey Wolf Optimization-Cuckoo Search Algorithm Based Optimal Protective relaying scheme of Electrical Distribution Network	Arathi P B, Shankaralingappa C Byalihal, <b>Dr. AIT. Bengaluru</b>
5	10.00 -10.15 AM	60	An Evaluation Study on Green Hydrogen Production Potential in India	Eswaramoorthy M Muthusamy, Lokeswaran, <b>Shri Mata Vaishno Devi University, Katra.</b>
6	10.15 -10.30 AM	68	Sustainable Synergy: Exploring the Convergence of Blockchain and Green Computing	Khushi, Tejasvi Singh, Kalpana, Bhawna Narwal, Nidhi Arora, Gayadhar Panda, <b>Indira Gandhi Delhi Technical University for Women (IGDTUW)</b>