



Sri Venkateswara College of Engineering

(An Autonomous Institution Affiliated to Anna University, Chennai)
Post Bag No. 1, Pennalur, Sriperumbudur, Kanchipuram (Dt) - 602117



Department of Electrical & Electronics Engineering

AICTE Sponsored International E-Conference on SMART TECHNOLOGIES IN ELECTRIC VEHICLES AND POWER GRID

STEP-2021 - 27th to 29th January, 2021

Program Schedule

Day 1: 27/01/2021 (Wednesday)

10.00 a.m. - 11.50 a.m.	<u>Inauguration</u> Link : https://meet.google.com/rxo-awsk-hjv Live stream: https://stream.meet.google.com/stream/5e9e958a-c75f-47b1-ab25-6cc653ca10e7										
11.10 a.m. - 11.40 a.m.	<u>Inaugural Address:</u> Prof.Vigna Kumaran A/L Ramachandramurthy Head of Power Systems, Power Engineering Centre Universiti Tenaga Nasional , The Energy University, Malaysia										
	Lunch Break										
1.30 – 2.00 PM	<u>Keynote Lecture –1</u> Topic : Smart Grid Prof.K.Vijayakumar IIITDM, Kancheepuram Google meet link: https://meet.google.com/uyd-scqt-jhz Live stream: https://stream.meet.google.com/stream/9d58d117-228f-4ec0-b836-a3d53df65520										
2.00 – 2.30 PM	<u>Keynote Lecture –2</u> Topic: Electric Vehicle - Fuel Cell Dr. R. Balaji, Senior Scientist, Centre for Fuel Cell Technology,(ARCI) IITM Research Park , Taramani, Chennai-600113 Google meet link: https://meet.google.com/uyd-scqt-jhz Live stream: https://stream.meet.google.com/stream/9d58d117-228f-4ec0-b836-a3d53df65520										
2.30 PM – 5.00 PM	<u>Technical Session – I Smart Electric Vehicles</u> Google Meet Link: https://meet.google.com/vni-nubr-upv Paper ID : <table border="1"> <tr> <td>STEP 21014</td> <td>STEP 21043</td> <td>STEP 21045</td> <td>STEP 21054</td> <td>STEP 21075</td> </tr> <tr> <td>STEP 21086</td> <td>STEP 21087</td> <td>STEP 21116</td> <td>STEP 21097</td> <td>STEP 21093</td> </tr> </table> Session Chair 1: Dr K.Padmanathan, Director, NestLives Private Limited , Chennai Session Chair 2: Dr.V.Ganesh, AUT, SVCE Session Chair 3: Dr. C.Gopinath, EEE, SVCE	STEP 21014	STEP 21043	STEP 21045	STEP 21054	STEP 21075	STEP 21086	STEP 21087	STEP 21116	STEP 21097	STEP 21093
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2.30 PM – 5.00 PM	<p><u>Technical Session – II Smart Grid</u> Google Meet Link: https://meet.google.com/rbp-ixjg-kvq Paper ID :</p> <table border="1"> <tr> <td>STEP 21064</td> <td>STEP 21067</td> <td>STEP 21074</td> <td>STEP 21078</td> <td>STEP 21079</td> </tr> <tr> <td>STEP 21099</td> <td>STEP 21101</td> <td>STEP 21118</td> <td>STEP 21120</td> <td></td> </tr> </table> <p>Session Chair 1: Dr.D.Silas Stephen, Panimalar Engineering College, Chennai Session Chair 2: Dr. S.G. Bharathidasan, EEE, SVCE Session Chair 3: Dr.M.Sankar, EEE, SVCE</p>	STEP 21064	STEP 21067	STEP 21074	STEP 21078	STEP 21079	STEP 21099	STEP 21101	STEP 21118	STEP 21120	
STEP 21064	STEP 21067	STEP 21074	STEP 21078	STEP 21079							
STEP 21099	STEP 21101	STEP 21118	STEP 21120								

Program Schedule

Day 2: 28/01/2021 (Thursday)

9.30 - 10.00 AM	<p><u>Keynote Lecture –3</u> Topic:Smart Battery Management Mr. P Prasanth Kumar Haritha TechLogix Pvt.Ltd , Bengaluru</p> <p><i>Google meet link:</i> https://meet.google.com/uyd-scqt-jhz <i>Live stream:</i> https://stream.meet.google.com/stream/9d58d117-228f-4ec0-b836-a3d53df65520</p>										
10.00 AM – 10.30 AM	<p><u>Keynote Lecture –4</u> Topic: Smart Technologies in Electric Vehicle and Smart Grid Dr. B. Chandra Sekhar, TCS, Bengaluru</p> <p><i>Google meet link:</i> https://meet.google.com/uyd-scqt-jhz <i>Live stream:</i> https://stream.meet.google.com/stream/9d58d117-228f-4ec0-b836-a3d53df65520</p>										
10.30 AM – 1.00 PM	<p><u>Technical Session – III Smart Technologies- Communication</u> Google Meet Link: https://meet.google.com/rmc-miap-dkh Paper ID :</p> <table border="1"> <tr> <td>STEP 21001</td> <td>STEP 21009</td> <td>STEP 21016</td> <td>STEP 21046</td> <td>STEP 21070</td> </tr> <tr> <td>STEP 21071</td> <td>STEP 21094</td> <td>STEP 21103</td> <td>STEP 21124</td> <td>STEP 21130</td> </tr> </table> <p>Session Chair 1: Dr. P. Karuppanan, MNNIT,Allahabad Session Chair 2: Dr.P.Jothilakshmi, ECE, SVCE Session Chair 3: Dr. T. Sukumar, IT, SVCE Session Chair 4: Dr. S. R. Malathi, ECE, SVCE</p>	STEP 21001	STEP 21009	STEP 21016	STEP 21046	STEP 21070	STEP 21071	STEP 21094	STEP 21103	STEP 21124	STEP 21130
STEP 21001	STEP 21009	STEP 21016	STEP 21046	STEP 21070							
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STEP-2021 – 27th to 29th January, 2021

10.30 AM – 1.00 PM	<p><u>Technical Session – IV Smart Technologies</u> Google Meet Link: https://meet.google.com/nir-zjbu-eyu Paper ID :</p> <table border="1" data-bbox="513 474 1502 546"> <tr> <td>STEP 21028</td> <td>STEP 21055</td> <td>STEP 21056</td> <td>STEP 21057</td> <td>STEP 21062</td> </tr> <tr> <td>STEP 21069</td> <td>STEP 21077</td> <td>STEP 21080</td> <td>STEP 21089</td> <td>STEP 21114</td> </tr> </table> <p>Session Chair 1: Dr.P.Prabhavathy, SRMIST Deemed University, Vadapalani Campus Session Chair 2: Dr. J.M.Gnanasekar, CSE, SVCE Session Chair 3:Dr. C.Yaashuwanth, IT, SVCE</p>	STEP 21028	STEP 21055	STEP 21056	STEP 21057	STEP 21062	STEP 21069	STEP 21077	STEP 21080	STEP 21089	STEP 21114		
STEP 21028	STEP 21055	STEP 21056	STEP 21057	STEP 21062									
STEP 21069	STEP 21077	STEP 21080	STEP 21089	STEP 21114									
10.30 AM – 1.00 PM	<p><u>Technical Session – V Smart Technologies</u> Google Meet Link: https://meet.google.com/vom-wfdm-yix Paper ID :</p> <table border="1" data-bbox="513 873 1502 968"> <tr> <td>STEP 21008</td> <td>STEP 21033</td> <td>STEP 21048</td> <td>STEP 21058</td> <td>STEP 21076</td> <td>STEP 21081</td> </tr> <tr> <td>STEP 21091</td> <td>STEP 21098</td> <td>STEP 21122</td> <td>STEP 21127</td> <td>STEP 21129</td> <td></td> </tr> </table> <p>Session Chair 1: Dr.N P Subramaniam, Pondicherry Engineering College, Puducherry Session Chair 2: Dr. G.A.Sathish Kumar, ECE, SVCE Session Chair 3: Dr. N. Rajeswari, CSE, SVCE</p>	STEP 21008	STEP 21033	STEP 21048	STEP 21058	STEP 21076	STEP 21081	STEP 21091	STEP 21098	STEP 21122	STEP 21127	STEP 21129	
STEP 21008	STEP 21033	STEP 21048	STEP 21058	STEP 21076	STEP 21081								
STEP 21091	STEP 21098	STEP 21122	STEP 21127	STEP 21129									
	Lunch Break												
1.30 – 2.00 PM	<p><u>Keynote Lecture –5</u> Topic:Research Awareness about Electric Vehicle Mr. S. Sundareswaran Head- Opns -EV, Ashok Leyland, Chennai</p> <p>Google meet link: https://meet.google.com/uyd-scqt-jhz Live stream: https://stream.meet.google.com/stream/9d58d117-228f-4ec0-b836-a3d53df65520</p>												
2.00 – 2.30 PM	<p><u>Keynote Lecture –6</u> Topic: Renewable Energy - EV and Smart Grid / Investigation on the Advanced control Strategies of Grid-tied Solar PV system Prof.B.Chitti Babu, IIITDM, Kancheepuram</p> <p>Google meet link: https://meet.google.com/uyd-scqt-jhz Live stream: https://stream.meet.google.com/stream/9d58d117-228f-4ec0-b836-a3d53df65520</p>												



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STEP-2021 - 27th to 29th January, 2021

2.30 PM – 5.00 PM	<p><u>Technical Session – VI Smart Technologies & Battery Management</u> Google Meet Link: https://meet.google.com/api-xtjx-oza Paper ID :</p> <table border="1" data-bbox="513 474 1503 569"> <tr> <td>STEP 21017</td> <td>STEP 21027</td> <td>STEP 21029</td> <td>STEP 21031</td> <td>STEP 21034</td> </tr> <tr> <td>STEP 21035</td> <td>STEP 21072</td> <td>STEP 21121</td> <td>STEP 21125</td> <td></td> </tr> </table> <p>Session Chair 1: Dr. S. Sathiyamurthy, Easwari Engineering College, Chennai Session Chair 2: Dr. R . Ramesh,MEC, SVCE Session Chair 3: Dr. R.Palani, CHE, SVCE</p>	STEP 21017	STEP 21027	STEP 21029	STEP 21031	STEP 21034	STEP 21035	STEP 21072	STEP 21121	STEP 21125			
STEP 21017	STEP 21027	STEP 21029	STEP 21031	STEP 21034									
STEP 21035	STEP 21072	STEP 21121	STEP 21125										
2.30 PM – 5.00 PM	<p><u>Technical Session – VII Renewable Energy</u> Google Meet Link: https://meet.google.com/orb-hhbg-ryu Paper ID :</p> <table border="1" data-bbox="513 831 1503 905"> <tr> <td>STEP 21044</td> <td>STEP 21061</td> <td>STEP 21066</td> <td>STEP 21073</td> </tr> <tr> <td>STEP 21095</td> <td>STEP 21126</td> <td>STEP 21123</td> <td>STEP 21109</td> </tr> </table> <p>Session Chair 1: Dr.S.Abdul Rahman, University of Gondar, Ethiopia Session Chair 2: Dr.M.Gajendran, MEC, SVCE Session Chair 3: Dr.M.Yogesh Kumar,CHE, SVCE</p>	STEP 21044	STEP 21061	STEP 21066	STEP 21073	STEP 21095	STEP 21126	STEP 21123	STEP 21109				
STEP 21044	STEP 21061	STEP 21066	STEP 21073										
STEP 21095	STEP 21126	STEP 21123	STEP 21109										
2.30 PM – 5.00 PM	<p><u>Technical Session – VIII Smart Technologies, IOT</u> Google Meet Link: https://meet.google.com/bon-bwrr-cvb Paper ID :</p> <table border="1" data-bbox="513 1163 1503 1257"> <tr> <td>STEP 21042</td> <td>STEP 21003</td> <td>STEP 21018</td> <td>STEP 21019</td> <td>STEP 21023</td> <td>STEP 21037</td> </tr> <tr> <td>STEP 21050</td> <td>STEP 21059</td> <td>STEP 21082</td> <td>STEP 21092</td> <td>STEP 21096</td> <td></td> </tr> </table> <p>Session Chair 1:Dr.R. N. Ponnalagu, BITS Pilani, Hyderabad Campus Session Chair 2: Dr. G. Padmavathy, ECE, SVCE Session Chair 3: Dr. R. Karthikeyan, EEE, SVCE Session Chair 4: Dr.K.S.Gayathri,CSE, SVCE</p>	STEP 21042	STEP 21003	STEP 21018	STEP 21019	STEP 21023	STEP 21037	STEP 21050	STEP 21059	STEP 21082	STEP 21092	STEP 21096	
STEP 21042	STEP 21003	STEP 21018	STEP 21019	STEP 21023	STEP 21037								
STEP 21050	STEP 21059	STEP 21082	STEP 21092	STEP 21096									

Program Schedule

Day 3: 29/01/2021 (Friday)

9.30 - 10.00 AM	<p><u>Keynote Lecture –7</u> Topic: Power Converter Topologies – Electric Vehicle Prof.P.Sanjeevikumar, AalborgUniversity, Department of Energy Technology, Denmark Google meet link: https://meet.google.com/uyd-scqt-jhz Live stream: https://stream.meet.google.com/stream/9d58d117-228f-4ec0-b836-a3d53df65520</p>
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10.00 AM – 12.30 PM	<p><u>Technical Session – IX Power Converter</u> Google Meet Link: https://meet.google.com/cbq-nuhy-ttd Paper ID :</p> <table border="1" data-bbox="513 443 1503 512"> <tr> <td>STEP 21011</td> <td>STEP 21012</td> <td>STEP 21013</td> <td>STEP 21015</td> <td>STEP 21025</td> </tr> <tr> <td>STEP 21036</td> <td>STEP 21063</td> <td>STEP 21084</td> <td>STEP 21112</td> <td>STEP 21119</td> </tr> </table> <p>Session Chair 1: Dr.S.Albert Alexander, Kongu Engineering College, Erode Session Chair 2: Dr. Sudhakar K Bharatan,EEE, SVCE Session Chair 3: Dr. T.Annamalai , EEE, SVCE</p>	STEP 21011	STEP 21012	STEP 21013	STEP 21015	STEP 21025	STEP 21036	STEP 21063	STEP 21084	STEP 21112	STEP 21119
STEP 21011	STEP 21012	STEP 21013	STEP 21015	STEP 21025							
STEP 21036	STEP 21063	STEP 21084	STEP 21112	STEP 21119							
10.00 AM – 12.30 PM	<p><u>Technical Session – X Power Converter</u> Google Meet Link: https://meet.google.com/xqi-cdnp-ryg Paper ID :</p> <table border="1" data-bbox="513 774 1503 869"> <tr> <td>STEP 21020</td> <td>STEP 21022</td> <td>STEP 21024</td> <td>STEP 21030</td> <td>STEP 21039</td> </tr> <tr> <td>STEP 21068</td> <td>STEP 21115</td> <td>STEP 21117</td> <td>STEP 21128</td> <td></td> </tr> </table> <p>Session Chair 1: Dr.S.Arunachalam, Jubail Industrial College , Saudi Arabia Session Chair 2: Dr. N K Mohanty, EEE, SVCE Session Chair 3: Dr.R.Govindarasu,CHE, SVCE</p>	STEP 21020	STEP 21022	STEP 21024	STEP 21030	STEP 21039	STEP 21068	STEP 21115	STEP 21117	STEP 21128	
STEP 21020	STEP 21022	STEP 21024	STEP 21030	STEP 21039							
STEP 21068	STEP 21115	STEP 21117	STEP 21128								
10.00 AM – 12.30 PM	<p><u>Technical Session – XI Battery Management & Nano Technology</u> Google Meet Link: https://meet.google.com/ugg-wxqi-yos Paper ID :</p> <table border="1" data-bbox="513 1134 1503 1236"> <tr> <td>STEP 21021</td> <td>STEP 21032</td> <td>STEP 21038</td> <td>STEP 21041</td> <td>STEP 21049</td> </tr> <tr> <td>STEP 21085</td> <td>STEP 21088</td> <td>STEP 21102</td> <td>STEP 21107</td> <td></td> </tr> </table> <p>Session Chair 1: Dr.K.Venkatraman,SCSVMV Deemed University Kanchipuram Session Chair 2: Dr. V. Nalinkant Ghone, CHE, SVCE Session Chair 3: Dr.S.Ponnuvel, MEC, SVCE Session Chair 4: Dr. R. Kannadasan, EEE, SVCE</p>	STEP 21021	STEP 21032	STEP 21038	STEP 21041	STEP 21049	STEP 21085	STEP 21088	STEP 21102	STEP 21107	
STEP 21021	STEP 21032	STEP 21038	STEP 21041	STEP 21049							
STEP 21085	STEP 21088	STEP 21102	STEP 21107								
	Lunch Break										
2.00 PM - 3.15 PM	<p><u>Valedictory Function</u> Link : https://meet.google.com/rgo-bggr-vwx</p> <p>Live Stream: https://stream.meet.google.com/stream/96786a68-0782-45cc-a8ae-1f09866e793a</p> <p>Valedictory Address: Prof. Vaidehi Vijayakumar Vice Chancellor, Mother Teresa Women's University, Kodaikanal.</p>										