

**7<sup>th</sup> IEEE INTERNATIONAL CONFERENCE ON  
COMPUTATIONAL SYSTEMS AND INFORMATION TECHNOLOGY FOR  
SUSTAINABLE SOLUTIONS-2023  
PRE CONFERENCE TUTORIAL: 2<sup>ND</sup> NOV, 2023**

**TRACK 1 : COMMUNICATION AND COMPUTING**

**Venue: CIVIL Seminar Hall (DEPT. OF CIVIL ENGG., 3<sup>RD</sup> FLOOR)**

<b>9:30 AM -11.00 AM</b>	<b>Dilip Kumar Dalei</b> Scientist at Centre for Artificial Intelligence and Robotics(CAIR), DRDO, Bengaluru.	<b>Topic:</b> <i>GPU Parallel Computing with CUDA framework: Concepts and Implementation</i>
<b>11.30 AM – 1.00 PM</b>	<b>Prabhash Thakur</b> Director of Data Science, Centelon	<b>Topic:</b> <i>State of Generative AI</i>
<b>2.00 PM – 3.15 PM</b>	<b>Mr Ram</b> Chief Mentor, for iSignal Research Labs	<b>Topic:</b> <i>5G Advanced and 6G - 3gpp Standards and Industry Perspective - Research and Challenges</i>
<b>3.30 PM – 4.30 PM</b>	<b>Ms.Dharini Subramaniam</b> Senior Manager , Software Engineering, Synaptics	<b>Topic:</b> <i>Multimedia AI Edge Computing</i>

**TRACK 2: ROBOTICS AND EMBEDDED SYSTEMS**

**Venue: ET Seminar Hall (DEPT. OF ELECTRONICS & TELECOM. ENGG. , GROUND FLOOR)**

<b>9:30 AM -11.00 AM</b>	<b>Raghavendra Rao</b> Platform and Sustainability Architect, Intel India, No.23/56P, Outer Ring Road, Varthur Hobli, Bellandur, Bangalore - 560103	<b>Topic:</b> <i>Electronic system design - A sustainability perspective</i>
<b>11.30 AM – 1.00 PM</b>	<b>Chandrashekar B U</b> Principal Engineer Synopsys India Pvt Ltd RMZ Infinity, Tower A, 5th floor #3, Bennigana Halli Old Madras Road Bangalore 560016	<b>Topic:</b> <i>Managing complexity in VLSI design: History, Challenges and Multifaceted solutions</i>
<b>2.00 PM – 3.15 PM</b>	<b>Ms. Gnana Priya C</b> Associate Vice President, Unit Technology Officer, Global Head of Technology & Architecture Practice - Communications, Media & Technology Business Unit (CMT), Infosys	<b>Topic:</b> <i>Powering Digital Transformation in Enterprises with emerging technologies (5G &amp; Beyond, Edge Compute, IoT, AI &amp; Automation)</i>
<b>3.30 PM – 4.30 PM</b>	<b>Dr Ashok Rao</b> Former Head, Network Project, DESE, IISc, Bangalore	<b>Topic:</b> <i>From Lumped to Distributed version</i>

**TRACK 3: RENEWABLE ENERGY AND E-MOBILITY**

**Venue: ECE Seminar Hall (DEPT. OF ELECTRICAL & ELECTRONICS ENGG., 2<sup>nd</sup> FLOOR)**

<b>9:30 AM -11.00 AM</b>	<b>Srikanth Kashyap</b> Chief Technical Officer JVS Electronics Pvt. Ltd.	<b>Topic:</b> <i>Systems thinking in Engineering education (Case study: Phasor measurement unit)</i>
<b>11.30 AM – 1.00 PM</b>	<b>U B Reddy</b> Managing Director, Enerfra (India) Pvt Ltd	<b>Topic:</b> <i>Renewable Energy Systems &amp; Grid Integration</i>
<b>2.00 PM – 3.15 PM</b>	<b>B Subba Reddy</b> Chief Research Scientist, IISc Bangalore	<b>Topic:</b> <i>Electric Vehicle Fires: Concerns - a probable solution</i>
<b>3.30 PM – 4.30 PM</b>	<b>Achhe Gowda N</b> SME in Advanced Driver Assistance Systems (ADAS), Arctictern Solutions Pvt. Ltd., Bangalore	<b>Topic:</b> <i>Artificial Intelligence in ADAS</i>