



Workshop on

E-Vehicles: Design Concept to Industrial products

Date: 22rd April 2022

Number of Participants: 62

Resource Person:

Mr. S A Sundaresan Ashok Leyland, Chennai

Prof. D.N Rao, VP, CUTM

Prof. Anindya Deb, IISc Bangalore

Mr. Saurabh Chandra, Ati Motors, Bangalore

Prof. Shankar Ram, IIT Madras

Organised by:

Prof. Radhakant Padhi, Honorary Provost, CUTM

Prof. Sudhansu Kumar Samal, HoD, EEE, CUTM

Prof. Ramesh Chandra Mohanty, ME, CUTM

Mode of the Event: Physical in all CUTM campuses

Event Origin: Aryabhatta Building (Room No-06)

Highlights of the Workshop program-

Electric Vehicles (EVs) are more energy efficient and pollute less. Various alternate powertrain technologies are available today such as Hybrid Electric Vehicle, Plug-in Hybrid Electric Vehicle, Battery Electric Vehicle, etc. The total global demand for electric vehicles is expected to rise at a Compound Annual Growth Rate (CAGR) of 18-30% in the coming decade. A comprehensive workshop is essential for discussing the issues related to deployment of EVs and its associated technologies. EVDCIP-2022 will cover a range of topics related to smart electric vehicle charging, storage system, electric vehicle drives, vehicle to grid, vehicle to vehicle network etc.

The Following topics will be covered:

- E-Vehicles @ CUTM - A Passionate Journey
- Lightweight E-Vehicles - Design Challenges
- E-Vehicles for Autonomy
- Exciting Times for Engineers - Electric Vehicles
- Overview of Vehicle Dynamics and Control

Programme Schedule

09:30 AM – 10:00 AM : Registration

10:00 AM – 10:15 AM : Inauguration

10:15 AM – 10:45 AM : Talk 1 : E-Vehicles @ CUTM - A Passionate Journey Speaker: Prof. D. N. Rao (VP, CUTM)

10:45 AM – 11:15 AM : Tea Break

11:15 AM – 12:15 PM : Talk 2 : Lightweight E-Vehicles - Design Challenges Speaker: Prof. Anindya Deb (Professor, IISc. Bangalore)

12:15 PM – 01:00 PM : Talk 3 : E-Vehicles for Autonomy Speaker: Mr. Saurabh Chandra (Co-founder, Ati Motors, Bangalore)

01:00 PM – 02:00 PM : Lunch

02:00 PM – 03:00 PM : Talk 4 : Exciting Times for Engineers - Electric Vehicles Speaker: Mr. S. A. Sundaresan (Head-New Technologies, Ashok Leyland, Chennai)

03:00 PM – 04:00 PM : Talk 5 : Overview of Vehicle Dynamics and Control Speaker: Prof. Shankar Ram (Professor, IIT Madras)

04:00 PM – 04:30 PM : Talk 6 : Simulation for Electric Vehicle Ecosystem Speaker: Mr. Ranjit Gopi (Dassault Systemes, Bangalore)

04:30 PM – 05:00 PM : Concluding remarks & High Tea



One Day Workshop on

E-Vehicles: Design Concepts to Industrial Products

22 April 2022



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About the Workshop:

EVDICP-2022 will cover a range of topic related to smart electric vehicle charging, storage system, electric vehicle drives, vehicle to grid, vehicle to vehicle network etc. The Following topics will be covered:

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About CUTM:

Centurion University has both built and participated in building eco-systems that include and integrate the community around it's campuses and beyond, industry, entrepreneurs and other education institutions. Its education and training delivery approach is:

- Skill Integrated and Employability Linked Teaching/Learning Process
- Focuses/Leverages Industry and Community Partnerships
- Creates/co-creates Enterprises

Distinguished Speakers:



Mr. S A Sundaresan
Ashok Leyland, Chennai



Prof. D.N Rao,
VP, CUTM



Prof. Anindya Deb,
IISc Bangalore



Mr. Saurabh Chandra,
Ati Motors, Bangalore



Prof. Shankar Ram,
IIT Madras

Organizers:

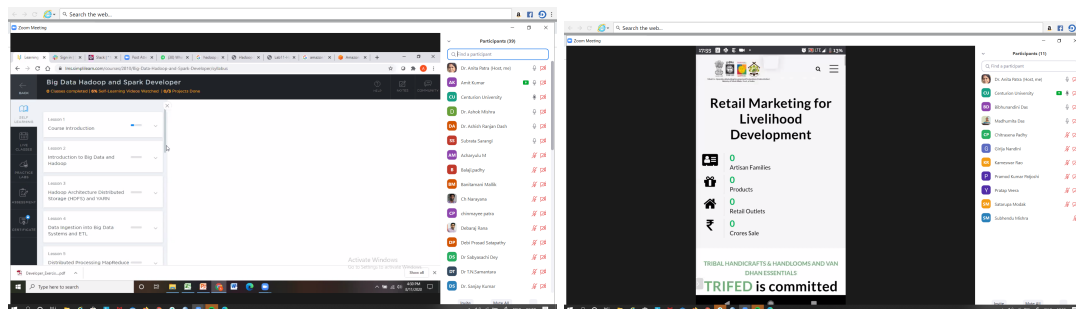
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 Prof. Sudhansu Kumar Samal, HoD, EEE, CUTM
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centurion university of technology and management
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Brochure of the event on E-Vehicle: Design Concept



List of Participants:

1	Dr. Maheswara Behera	Professor
2	Dr. Swapna nanda Rath	Professor
3	Dr. G. N. Inndresha	Professor
4	Dr. J. K. Panigrahi	Professor
5	Dr. Pranjalendv Roy	Professor
6	Dr. Feroj Ahmed	Professor
7	Dr. Subanini Pattnaik	Professor
8	Dr. Ajay Kumar Patra	Professor
9	Dr. Yashaswi Nayak	Associate Professor
10	Dr. Siba Prasad Parida	Associate Professor
11	Dr. Ranjan Kumar Sahoo	Associate Professor
12	Dr. Sitaram Swain	Asst. Professor
13	Dr. Gayatri Acharya	Asst. Professor
14	Dr. V. Parvati Sai Arun	Asst. Professor
15	Dr. Gagan Kumar Panigrahi	Asst. Professor
16	Dr. Bibhudutta Mishra	Asst. Professor
17	Tanuja Biswal	Professor
18	Narayan Chandra Biswal	Professor
19	Aruna Kumar Swain	Professor
20	Maheswara Behera	Professor
21	Dr. Mohammed Siddique	Associate Professor

22	Dr. Goutam Kumar Mahato	Associate Professor
23	Dr. Tumanath Samantara	Associate Professor
24	Dr. Swarnalata Jena	Associate Professor
25	Dr. Ajit Kumar Pradhan	Associate Professor
26	Dr. Biswanandan Dash	Associate Professor
27	Saubhagyalaxmi Singh	Asst. Professor
28	Sasi Bhusan Padhi	Asst. Professor
29	SHUBHASHEESH HOTA	Asst. Professor
30	UMA SANKARA SAHU	Asst. Professor
31	Sarat Kumar Jena	Asst. Professor
32	Saban Kumar Maharana	Asst. Professor
33	Gyana Ranjan Panigrahi	Asst. Professor
34	Varsha Singh	Asst. Professor
35	Shruti Rajwar	Asst. Professor
36	Sanjeev S. Koni	Asst. Professor
37	Dr. Gurudutta Pattnaik	Professor
38	Dr. Amulya Ratna Behera	Professor
39	Dr. Priyanka Dash	Asst. Professor
40	Chinmaya Chidananda Behera	Asst. Professor
41	Himansu Bhusan Samal	Asst. Professor
42	Suman Kumar Mekap	Asst. Professor
43	Prachirani Sahu	Asst. Professor
44	Dr Nityanada Sahoo	Assistant Professor
45	Omprakash Panda	Assistant Professor
46	Swagatika Das	Assistant Professor

47	Subhashree Das	Assistant Professor
48	Sunil Kumar Jha	Professor, Dean(SoPAH)
49	Dr. Soumya Jal	Associate Professor
50	Dr. Monali Priyadarsini Mishra	Asst. Professor
51	Ranitava Banerjee	Asst. Professor
52	Susmita Chakrabarty	Asst. Professor
53	Swagatika Dash	Asst. Professor
54	Lipsa Samal	Asst. Professor
55	Rudra Narayan Sahoo	Asst. Professor
56	Jyotsna Rani Dash	Asst. Professor
57	Nikunja B. Pati	Asst. Professor
58	Gyana Ranjan Parida	Asst. Professor
59	Haragouri Mishra	Asst. Professor
60	Vivek Barik	Asst. Professor
61	Dr. Nityananda Sahoo	Asst. Professor
62	Dr. Tapas Kumar Mohapatra	Asst. Professor



Dr. Prasanta Ku. Mohanty
Dean Academic