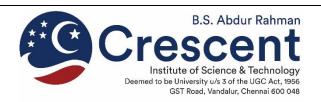
Name of the programme	Electric Vehicle Design by BCCL and SIEMENS
Date	25.04.2020
No. of Participants	12
Nature of participants	Internal Faculty



Webinar on Electric Vehicle Design by BCCL and SIEMENS

25.04.2020

On 25th April 2020

Department of Mechanical Engineering, BSACIST Organized a Webinar

In collaboration with SIEMENS

On the topic Electric Vehicle design

Coordinator	Coordinator from SIEMENS	
Dr. Rasool Mohideen,	Mr. Pradeep Singh,	
Professor & Dean,	PLM, SIEMENS.	
School of Mechanical Sciences,		
BSACIST.		

PREAMBLE

The webinar on "Electric Vehicle (EV) design" was organized in collaboration with the Corporate product marketing centre SIEMENS. The presentation was delivered by Mr. Pradeep Singh of PLM team SIEMENS. The webinar offers a brief introduction about the EV and the importance of Mechanical and Automobile Engineering in the current automotive industries. The presentation delivers a detailed view on the electric motor control system and Heat dissipation unit of the EVs. The presenter also delivers the proposal of offering the partial syllabus on EV design, simulation with **Simcentre** CAE software. Faculties have suggested few topics to be incorporated in the course content before the implementation of the SIEMENS courses.

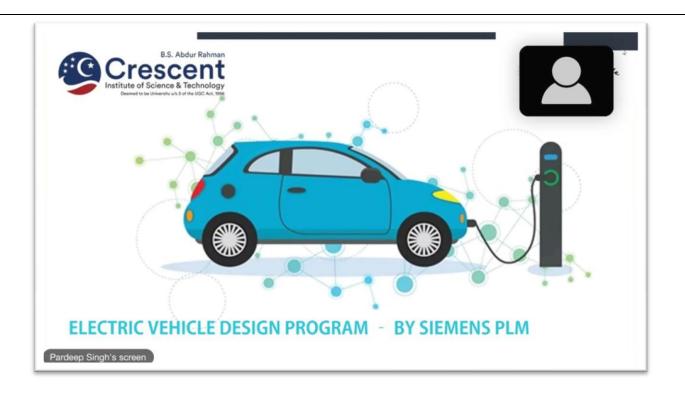
COORDINATOR
(Dr. Rasool Mohideen)

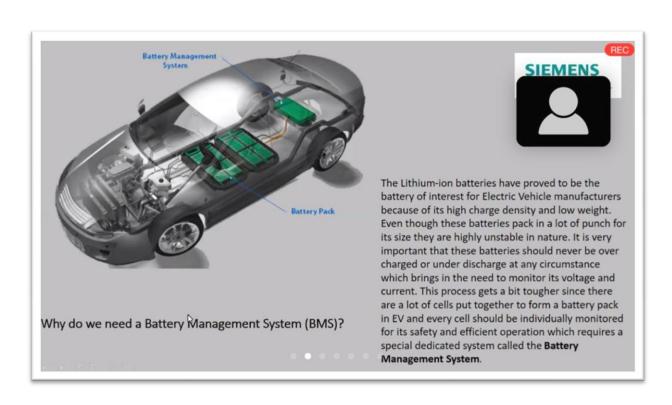
HEAD OF THE DEPARTMENT

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Battery Cooling Strategies Phase Change Material (PCM) Cooling by PCM for battery simulations. This is a novel technique within the industry. PCM starts melting with temperatures > 35C Temperature battery without cooling Temperature battery with PCM cooling