



**CBS**  
**College**  
**Program**

**Events**  
**2024**



**Exiting**  
**News for**  
**CBS College**  
**Program**  
**Participants!**

### **IC Engines and Electric Vehicles Workshop!**

**Saturday, April 13<sup>th</sup> | 9:30am-4:30pm – this session can be joined online**

On April 13<sup>th</sup>, the CBS College Program and Top Engineers India are teaming up for an “electrifying” event – the **"IC Engines and Electric Vehicles: Bridging the Gap"** workshop. This cutting-edge seminar will explore the intersection of traditional Internal Combustion Engines (IC Engines) and the latest Electric Vehicle (EV) technologies.

Open to College Program students only, this online workshop promises to be an enlightening journey into the future of automotive engineering. From understanding the basics to exploring advanced technologies, participants will engage in interactive discussions, practical demonstrations, and gain insights into the challenges and opportunities in the IC Engines and Electric Vehicles realm.

Here's a glimpse into the agenda:

**Morning Session:**

- Basics of IC Engines
- Basics of Electric Vehicles
- Basics of Hybrid Vehicles
- Types of Hybrid Vehicles
- Powertrain
- Electric Motors and Controllers
- Pollution in EV
- Challenges in EV

**Afternoon Session:**

- Practical Demo in IC Engines and Electric Motor
- Latest Technologies in Automobiles
- Automotive IoT
- Fuel Cell Technology
- Artificial Intelligence in Automobile
- Hyperloop Technology

### **IC Engines and Electric Vehicles Workshop – Second Part: Meeting with Industry Leader from Bosch and Mercedes Benz and Top Researcher from KIT**

**Saturday, April 20<sup>th</sup> | 3pm-5pm (to be confirmed)**

After participating in the IC Engines and Electric Vehicles Workshop, CBS College Program Students will have the privilege of meeting **industry leader Lukas Decker**, who leads **function development for battery management systems at Mercedes-Benz AG**, and **Prof. Dr.-Ing. Martin Doppelbauer from KIT**, a renowned researcher in hybrid and electric vehicles.

Deckers expertise spans hybrid vehicle system development and computation/design of electric traction drives, while Prof. Doppelbauer's focus is on advancing sustainable mobility solutions.

Through discussions and Q&A sessions, students will gain valuable insights into the latest automotive technologies and future prospects in the field.



**Don't miss this chance to gain insights  
into the future of automotive engineering!**

**Register Today!**