



# INDUSTRY FORUM

## PECTEA-2025, IIT Bhubaneswar



**John Hayes**  
UCC, Ireland



**Pat Wheeler**  
UoN, UK



**V Chandrasekar**  
CDAC, India



**Sumit  
GhatakChoudhuri**  
IIT Roorkee, India



**Debanand  
Singdeo**  
Mathworks

### ***“The Electrification of Heavy Duty Transportation”***



**19 June, 2025**



**4.45pm – 6.00pm**



**U04-M, Udayagiri  
Lecture Hall Complex**

**The broad set of speakers from Europe and India will discuss the following topics:**

- **Introduction to the electrification of heavy-duty on-road and off-road vehicles**
- **An overview on EV subsystems, Govt. Initiatives, Policies, Programs and Standardization**
- **The development of high-power propulsion systems for electrified aircraft**
- **EV Charging Infrastructure and Challenges in Grid Integration**
- **Modelling of heavy-duty electric vehicles and their hydraulic loads**

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