

# UNDERWRITERS LABORATORIES®

## Battery Safety Science Symposium

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### Session IV

### What's New in Standards and Regulations

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Underwriters Laboratories Inc.



### *Electrical Energy Storage - An Overview of Indian Standards Ecosystem*

This talk will highlight the Indian standards for energy storage systems (ESS) covering electrochemical technology, electrical energy storage system safety and electric vehicles. The speaker will also talk about the future of standards in India as envisioned by the Bureau of Indian Standards (BIS) - the national standard body of India.

### About the speaker

Mr. Manjunath is an innovation specialist, quality eco-system expert and an environment conservation enthusiast. He is a



mechanical engineering graduate with a Master's in Quality Management. Mr. Manjunath has thirty years of work experience in varied areas from the designing of innovative products to the development of standards to meet the local needs of the market. With his deep understanding of Indian conditions, consumer expectations, he is focused on facilitating the development of Indian standards through active participation in BIS sectional committees, and other standards committees of industry associations.

He is currently the National Chair of the ISHRAE Standards committee.

Currently working with Underwriters Laboratories Inc., Mr. Manjunath is involved in spreading UL's safety mission across the region by facilitating the establishment of a robust quality ecosystem through active participation in the development and implementation of India-specific safety, performance, sustainability, reliability standards, and conformance mechanism. He is also a member of various sectional committees in the capacity of convener and member of some of the sectional committees of the BIS for the development of new standards and the review of the current standards.