

Sundar Mayavan - Brief-Bio data

Education

B. Tech degree in Chemical & Electrochemical engineering from CSIR-CECRI.

M.S (by Res) at College of Engineering Guindy (CEG), Anna University, Chennai.

Ph.D. degree in Material Science & Engineering from Ian Wark Research Institute, University of South Australia, Adelaide, Australia.

Post-Doctoral fellow at Korea Advanced Institute of Science & Technology (KAIST), Daejeon, South Korea.

Current Position

Currently working as a Principal Scientist and heading Lead Acid Battery group & CSIR-Battery Performance Testing and Evaluation Centre (NABL Accredited) at CSIR-Central Electrochemical Research Institute (CECRI), a premier R&D institute in the field of electrochemistry under Ministry of Science & Technology, Govt. of India.

Research Interest

Role of Nano-carbons in lead acid batteries, e-Rickshaw batteries, Start-Stop Batteries, Battery pack testing, Lead batteries for telecom applications, Battery management system for lead acid batteries, laboratory management system based on ISO 17025:2017.

Technical Committee member

Member: MNRE Technical committee on Batteries/Cells for Solar PV Applications

Member: BIS Technical Committee for Secondary Batteries & Cells (ETD-11)

Member: BIS Technical Committee for Primary Batteries & Cells (ETD-10)

Teaching

Sundar Mayavan has also been involved in teaching chemical & electrochemical engineering course at CSIR-CECRI, specifically in the area of mass transfer unit operations and lead acid batteries. He is an Associate Professor of the Anna University and Academy of Scientific and Innovative Research (AcSIR) and has guided 3 students for their doctoral dissertation in chemistry at the Bharathidasan University / AcSIR.

Publication

Sundar Mayavan have published around 30 research papers in leading scientific journals and 1 patent to his credit. Have more than 15 years research experience towards synthesis, and characterization of nanomaterials for energy devices.