



# SRI SARADA COLLEGE FOR WOMEN

(An Autonomous Institution)

Institution recognised u/s 2(f) & 12(B) of UGC & Reaccredited with "A" grade by NAAC

(Affiliated to Manonmaniam Sundaranar University, Tirunelveli – 627 012)

(A branch of Sri Ramakrishna Tapovanam, Tirupparaithurai)

Ariyakulam, Maharajanagar (PO), TIRUNELVELI – 627 011



## EVENT REPORT ON INTERNATIONAL WEBINAR “BATTERY SAFETY AND ENERGY STORAGE: CHALLENGES AND SOLUTIONS”

13.08.2025

Venue: Seminar hall

Time. 10.00am



On behalf of Omega forum, Department of Physics organized an International Webinar on “Battery Safety and Energy Storage: Challenges and solutions” on 13<sup>th</sup> August 2025, conducted in hybrid mode. UG and PG Physics students, 5 faculties attended in person and 15 delegates joined virtually. The resource person, Ms. Aruna Ramachandran, Battery safety Engineer Specialist, Electromobility, Volvo Groups Trucks Technology from Sweden, delivered an informative session covering the working of lithium-ion batteries, different types of batteries, and advanced research batteries. She also explained the hazards of battery storage and safety measures to prevent accidents. She shared information on higher education and research opportunities in Germany for students, along with guidance on how to proceed with related studies and research in India. The session was interactive with questions on technical aspects and safety protocols. The Webinar offered students valuable insights into Energy storage, batteries, hazards and safety measures for both academic learning and career guidance.