



One year PG Diploma in Electrochemical Energy Storage Devices Under the aegis of AcSIR

Interested candidates
may visit AcSIR website
<http://acsir.res.in> for
admission processes. This
site will be available open
until May 31, 2026.



Portal Link- <https://acsir.emli.in/ACSIR/>
Last Date of application- May 31, 2026

CSIR-Central Electrochemical Research Institute (CSIR-CECRI), Karaikudi, a premier research organization under the aegis of CSIR was founded in 1948 to carry out R&D in all aspects of electrochemical science and technologies. Its thrust areas of research cover Corrosion & Materials Protection, Electrochemical Power Sources, Electroplating & Electrometallurgy, Electrochemical Process Engineering, Electro-organic & Materials Electrochemistry, and Electroducts & Electrocatalysis.

Eligibility Criteria

B.E./B.Tech (ECE, EEE, Chemical, Chemical & Electrochemical Engineering) or equivalent with at least 55% marks in aggregate or its equivalent grade in a point-scale.

(or)

M.Sc. Physics/Chemistry/Materials Science or equivalent with at least 55% marks in aggregate or its equivalent grade in a point-scale.

Career Prospects

Broad knowledge in various aspects of energy storage used in electrochemical technologies and hands-on experience in fabrication of devices.

- To pursue research career by joining for a PhD programme
- To get opportunity in industrial R&D

About AcSIR

"The Academy of Scientific and Innovative Research (AcSIR) is an Institution of National Importance, established by an Act of Parliament and the largest doctoral research institute in India.

AcSIR is dedicated to fostering world-class research and training in science, technology, engineering, mathematics, and medical research (STEMM). It leverages the extensive infrastructure and expertise of 78 associated research institutes, including National Institutes of the Council of Scientific and Industrial Research (CSIR), the Indian Council of Medical Research (ICMR), and the Department of Science and Technology (DST), etc. Research at AcSIR spans various faculties in STEMM by fostering scientific talent and driving cutting-edge research, AcSIR aims to significantly contribute to India's scientific and societal progress.

The NIRF Ranking by the Ministry of Education ranked AcSIR at 09th position in 'Research Institutions' category in 2025. As per Nature Index Academy of Scientific and Innovative Research (AcSIR) Rankings, AcSIR occupies the 11th rank among Universities in India and 14th rank in SCImago ranking (2026) among educational Institutes in India. As per the Center for World University Rankings (CWUR) 2025, AcSIR has achieved a position in the top 3.5% globally and has secured the 9th rank nationally."

Course Structure

Lead-acid Batteries – Lithium-ion Batteries - Modelling and Simulations of Energy Storage Devices - Supercapacitors & Flow Batteries - Laboratory for Li-ion Battery - Simulations Laboratory - Beyond Li-ion Battery - Batteries: Performance, Safety, and Circular Economy - Battery Pack Design and Development - Laboratory for Battery Pack Design and Development – Dedicated Project work

Program fees: Rs. 15,500/Semester (Regular & industry sponsored)

Total seats: 10

Hostel Facility: Limited hostel facility shall be provided separately for Boys and Girls at the campus.