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## Ministry of New and Renewable Energy Secretary Shri Santosh Kumar Sarangi and Director General, CSIR and Secretary DSIR Dr. N. Kalaiselvi visits CSIR-SERC and CMC

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The Secretary of Ministry of New and Renewable Energy (MNRE) Shri Santosh Kumar Sarangi along with Director General, Council of Scientific & Industrial Research (CSIR) and Secretary, DSIR, Dr. (Mrs.) N. Kalaiselvi, visited the CSIR-Structural Engineering Research Centre (CSIR-SERC), Chennai, and the CSIR-Central Electrochemical Research Institute (CSIR-CECRI) Chennai Unit at the CSIR Madras Complex on 18 August 2025.



The visit was also attended by Dr. K.J. Sreeram, Director, CSIR-Central Leather Research Institute (CSIR-CLRI); Dr. K. Ramesha, Director, CSIR-CECRI; and Dr. Rajesh Katyal, Director General, National Institute of Wind Energy, Chennai.

As part of the programme, Dr. N. Anandavalli, Director, CSIR-SERC, delivered a presentation highlighting the achievements and proposed R&D initiatives of CSIR-SERC. Dr. M. Keerthana, Principal Scientist, CSIR-SERC, provided an overview of

the centre's multidisciplinary R&D activities in renewable energy. The presentation covered advancements in wind energy (offshore and onshore), solar energy (land-based, floating in inland water bodies and floating offshore solutions) and hydroelectric energy. Ongoing research on carbon capture, utilization, and storage (CCUS) was also highlighted.



Dr. K. Ramesha, Director, CSIR-CECRI, briefed the delegation on the R&D Activities On Li-Ion, Na-Ion And Next Generation Battery Technologies, Redox Flow Batteries, Polymer Electrolyte Membrane (PEM) Fuel Cell, PEM-Based Green Hydrogen Electrolyser, Sea Water Electrolyser, and Direct Air Capture Technologies of CSIR-CECRI were demonstrated on this occasion. The Secretary, MNRE witnessed the Li-ion fabrication and PEM-fuel cell testing facilities of CSIR-CECRI. Shri. Santhosh Kumar Sarangi appreciated their commendable efforts towards Aatmanirbhar Bharat.

During the visit, the dignitaries also engaged in interactions with scientists from both CSIR-SERC and CSIR-CECRI, exchanging ideas and insights on current and future research directions.



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