

# PRABHAT HEADLINE

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## Indigenous LED Technology by CSIR-CEERI Showcased at Ujjwal Rajasthan 2.0, Udaipur

Udaipur, Rajasthan – The historic city of Udaipur recently hosted Ujjwal Rajasthan 2.0, a landmark exhibition celebrating science, technology, and innovation, organized under the guidance of Hon'ble Member of Parliament, Dr. Manna Lal Rawat. The event convened more than 60 eminent institutions of national significance, each highlighting pioneering contributions across diverse sectors.

Among the distinguished participants, the Council of Scientific and Industrial Research (CSIR) garnered special attention with the participation of three of its premier laboratories—CSIR-Central Electronics Engineering Research Institute (CSIR-CEERI, Pilani), CSIR-Institute of Himalayan



Bioresource Technology (CSIR-IHBT, Palampur), and CSIR-Central Salt & Marine Chemicals Research Institute (CSIR-CSM-CRI, Bhavnagar).

The indigenous LED technology developed by CSIR-CEERI emerged as the centerpiece of the showcase, drawing significant

interest from visitors, industry professionals, and the media. This breakthrough represents a decisive step towards India's technological self-reliance and aligns with the national vision of Atmanirbhar Bharat @ 2047. Historically, India's LED ecosystem has been heavily reliant on

imports. By pioneering this indigenous platform, CSIR-CEERI has laid the foundation for technology sovereignty in a sector critical to smart lighting, advanced display systems, health-care instrumentation, and next-generation communication technologies.

CSIR-CEERI's LED innovation exemplifies energy efficiency, durability, and sustainability, while advancing India's strategic goal of reducing import dependence and strengthening domestic manufacturing. Beyond its technological significance, the development carries deep societal impact—supporting both rural and urban illumination, thereby contributing to inclusive growth from villages to smart cities.