

International Conference on Renewable & Sustainable Energy Engineering (ICRSEE 2026)

Conference Proceedings

February 24, 2026 - (Virtual)

Emerging Technologies in Renewable Energy

Varalaxmi Narla

Department of Physics, Kakatiya University, Warangal, Telangana, India

Abstract

The entire world is looking towards renewable energy because of the existing environmental challenges. Advancements in the field of renewable energy is because of the ongoing research for sustainable and eco-friendly. Various persons such as researchers, engineers, and innovators are working to develop new technologies in different areas with the various challenges of changes in climate.

The sustainable energy explores new possibilities for energy sources, recent advancements in renewable energy mostly focusing on innovations which has various applications such as electronic industry and agricultural, automobile etc.,

Most of the exciting innovations shape the future of renewable energy, from solar power to wind energy and role of renewable energy in particular solar energy, emerging solar technologies and innovations have the impact of climate change.

Technologies and innovations were identified as broad exploration and solar technologies dominate innovations in the renewable energy sector.