



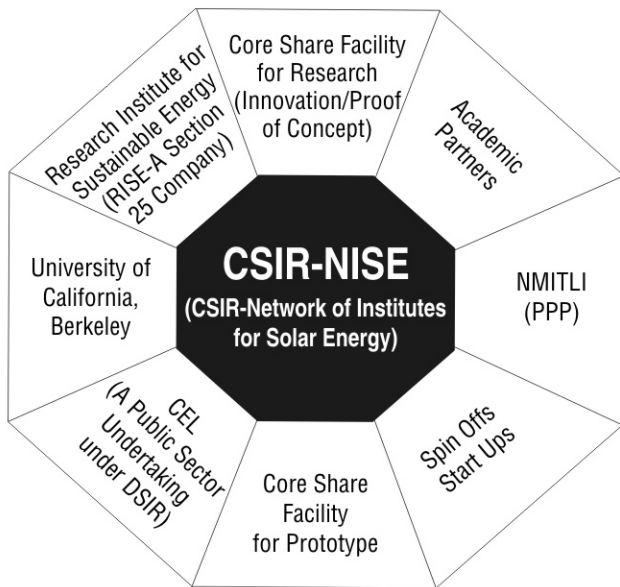
CSIR

Joins hand with
Ministry of New and Renewable Energy (MNRE)
Energizing the
Jawaharlal Nehru National Solar Mission

CSIR has set up CSIR-Network of Institutes for Solar Energy (CSIR-NISE) – building up enabling partnerships for generating new knowledge base/affordable products to efficiently harvest solar energy

CSIR Welcomes Industries as Partner in this Mission

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CSIR's R&D Focus on Solar Energy

Photo-Voltaics

- ✧ Silicon Photo Voltaic Cell
- ✧ Non-Silicon Materials for PV Applications
- ✧ Dye Sensitized and Quantum Dot Sensitized Solar Cells
- ✧ New Semi-conducting Materials

Solar Thermal

- ✧ Solar Thermal Systems

Storage Materials & Devices

- ✧ New Materials & Processes for Energy Applications
- ✧ Solar Energy to Chemical Energy Conversion/ Nanoscale Photo Electrochemical Cell
- ✧ Thermoelectric Materials/Energy Storage Materials/ Batteries/ Super-Capacitors/ Biological approaches to Rechargeable Batteries
- ✧ Phase Change Materials for Energy Storage

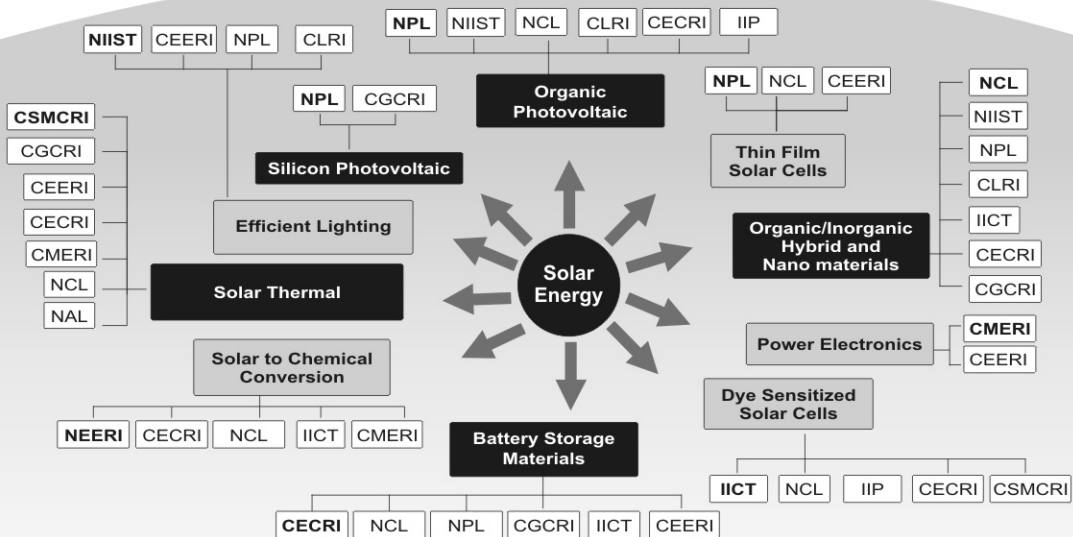
Efficient Lighting Materials & Devices

- ✧ Organic and Solid State Light Emitting Diodes

Power Electronics

- ✧ Power Electronics for Grid Connectivity

Pan CSIR Effort on Solar Energy



Council of Scientific & Industrial Research

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