



## **XII Five Year Plan - Proposed Projects**



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### NETWORK PROJECTS

- Measurements for Innovation, in Science & Technology, and for improvement of Quality & Economy of Life

(MISTQUE)

- Advanced Quantum Research and Innovation with Ultra Small Systems

(AQuaRIUS)

- Development of Advanced Materials for Next-Generation Energy-Efficient Devices

(D-NEED)

- Probing the Changing Atmosphere and its Impacts in the Indo-Gangetic Plains (IGP) and Himalayan Regions

(AIM-IGPHim)

### SUPRA INSTITUTIONAL PROJECT

- Research and Development of Single Trapped Ion based Optical Frequency Standard

(STIOS)

### TECHNOLOGIES AND PRODUCTS FOR SOLAR ENERGY UTILIZATION THROUGH NETWORK

#### (TAPSUN PROJECTS)

#### Novel approaches for solar energy conversion

(Dr Suresh Chand)

(Rs. 3446.25 Lakhs)

(NWP-54)

#### Efficient silicon photovoltaics with smart electronics and lighting systems

(Dr P K Singh)

(Rs. 4130.45 Lakhs)

(NWP-55)

#### Innovative solutions for solar energy storage

(Dr R B Mathur / Dr S K Dhawan)

(Rs. 647.50 Lakhs)

(NWP-56)

Funding Agency: CSIR

#### R&D on thin film solar cells

(Dr Shushil Kumar)

(Rs. 4906.60 Lakhs)

(GAP 113532)

Funding Agency: MNRE

