

## SPECIFIC PROJECTS PROGRAMME

### Mapping of the S&T Needs in the State

- A. Objective:** To identify local-specific problems in the State which needs S&T intervention and subsequently map the various S&T needs in the State.
- B. Description:** For proper and meaningful application of science & technology for all-round development of the State, it is desirable to have an inventory of location-specific problems in the State. Based on such problems, effective intervention of science & technology could be planned. Such interventions would require the application of various forms of technological inputs. The implementation of relevant technologies and other technological inputs could be planned appropriately making use of the available resources in the areas of concern.

In the proposed project, it is envisaged to undertake the task of identifying various problems and available resources in the State up to the village-level covering all the 39 C&RD blocks in the Eleventh Five-Year Plan. The problems and resources thus identified will be projected in the form of various thematic maps prepared upto the block-level. 2 (two) block has already been covered in the previous projects undertaken by the State S & T Council.

It is now proposed to take-up another block in the current financial year through the proposed scheme.

### Production of Documentary Films on Appropriate Technologies in The State

- A. Objective:** To publicise the various appropriate technologies relevant to the State for the benefit of the general public, particularly the rural mass
- B. Description:** The "Introduction of Appropriate Technology Programme" has been in operation in the State for quite sometime in the past and still remains to be the thrust-programme in the 11<sup>th</sup> plan. Under this programme a good number of technologies have been identified, experimented modified and initiated in the State through various schemes.

Most of the appropriate technologies propagated by the State S & T council have prove to be successful in improving the living conditions of the people, particularly the rural folks. Such technologies could also be used for employment generation and enhancing the earning of the unemployed youths and rural citizens. Such technologies are available in areas of energy, save drinking water, sanitation, housing, farming, post harvest technology, waste recycling, water supply, employment generation etc. Technologies which cover these areas are:- Improved Chulhas, Low Cost Water Filtration, Low Cost Sanitation, Stabilised Mud-Block Technology, Organic Composting, Bio-mass Driers, Low Cost Cold Storage, Paper Recycling, Rain Water Harvesting, Hydraulic Ram Pump, Oven, Charcoal Briquetting etc.

In order to ensure that information on the above technologies reach the people of the State widely, particularly those in the remote rural areas three documentary films are proposed to be produce during the current year to cover all the above mentioned technologies. These films will be telecast by the Doordarshan and the local TV Channels.

These films will also be used by the State S & T Council during the awareness, demonstration and training programmes