

## A typical 6 day training workshop

For 5 days in the month of September of 2008, the newly initiated DEW ( for Design, Energy and Water) institute, under the auspices of the CSR/Aurore trust of Auroville, conducted a comprehensive workshop on renewable energy, waste water treatment and solid waste management.

It was attended by a mixed group (technical and management personnel) of 16 delegates representing the Government sector from the state of Gujarat.

The workshop aimed at being integral, paying equal attention to the social-sustainability and technological elements required in promoting alternative technologies for rural India successfully.

The workshop was sequenced in a pattern that progressively led from the:  
Environmental – providing an understanding of the region and its resources  
Social – providing an understanding of the target audience and their socio-economic landscape  
Technological – providing an understanding of appropriate technical systems, their uses and their functioning.

For more details about this workshop and others that DEW plans to host, please write to [csr@auroville.org.in](mailto:csr@auroville.org.in)

Day one: The participants have arrived for a week of renewable energy and WWT (waste water treatment) training. The DEW institute. An introduction to training materials and plan and methods.



Also an introduction to Auroville and the significance it placed upon man's relationship to the earth (its care and development). Various exercises and experiments in sustainability in the bioregion of Auroville were discussed as illustrations of this unique vision.



Morning session continues with an introduction to the basics of Solar Photo-voltaic energy generation and measurement instruments.



While the participants have tea & snacks, a ladies group from AVAG are taken on a round of CSR/Aurore to see renewable technologies in operation in everyday life.



Post lunch, the delegates were introduced to an intense technical session on solar water pumps - their working principles, components, handling and capacities.

The were taken on a tour of various installations in the CSR/Aurore campus, notably the prototype dehumidifier, that was cooling the training room, saving upto 65% in energy compared to a conventional air conditioner.



Day two: Morning devoted to an overview of sustainability in its widest context that included strategies, installations in rural areas, socio-economic criteria, political support or resistance and such like.



The post lunch capsule featured a hands-on session with solar PVs in order to understand better how they interface technically with pumps, lighting devices and water heaters.



Day three: CSR/Aurore took the delegates on visits to off-shore sites – a solar pumping station with a 5.5km pipeline in Nagapattinam district of Tamil Nadu and ...





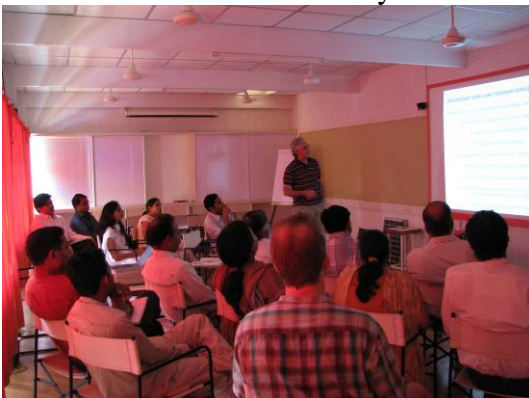
... the DEWATS based WWT (decentralised waste water treatment) system at a reputed eye hospital near Pondicherry.



Day four: The day was given to Grundfos solar pumps and the session was handled by the company, who gave details of their product that highlighted its scope and value.



Day five: Details of DEWATS systems and processes were discussed and exchanged in the successive sessions of this day. Practical session innovative filtration explanation.



On-site visits to DEWATS and Algae treatment systems in homes and commercial establishments of Auroville.



Day six: Morning session was for EM solution (Effective Microorganisms) preparation and its various uses in sanitation and environment the ecological way.

The special DEW certificate was handed over to the delegates at the concluding session of the workshop on this day.

