

## DETAILS OF PROPOSED TRAINING PROGRAMME

**Course Title** : **Performance Testing and Evaluation of SHP Stations**

### Course Contents

- Objectives and philosophy of performance testing
- Flow duration and energy generation
- Elements of studies and inspection
- Hydraulic efficiency testing
- Use of CFD in flow analysis
- Flow measurement techniques and instruments
- International and national standards for performance testing
- Special tests with respect to commissioned projects
- Case studies
- Test reports

### Interaction

- Lectures
- Hands-on sessions
- Group discussions
- Site visit and field testing

### Target Participants

- Operating and maintenance engineers of small hydropower plants
- Financial institutions
- Equipment manufacturers
- Consultants
- State / Central Govt. nodal agencies
- Academic Institutions with established involvement in small hydropower development

<b>Year</b>	<b>Duration (days)</b>	<b>Tentative Schedule</b>	<b>No. of Sponsored Seats</b>	<b>Fee per Person other than Govt. Organisation</b>
2010	5	Jan 12 -16, 2010	20	Rs. 7,000/-
2011	5	Jan 11 -15, 2011	20	Rs. 8,000/-

**Sponsored seats:** Not more than 2 candidates per government organization shall not be considered under the sponsored seats. For more candidates organizations intend to depute more person are to pay fee.