

**INTERNATIONAL COURSE ON PLANNING OF SMALL HYDRO POWER PROJECTS,  
ALTERNATE HYDRO ENERGY CENTRE (AHEC), UNIVERSITY OF ROORKEE  
(INDIA), MARCH 7-16, 2000**

**PARTICIPATING COUNTRIES : 8 (INCLUDING 5 MEMBER COUNTRIES OF THE CENTRE)**

**NUMBER OF PARTICIPANTS : 25 (INCLUDING 20 FROM THE MEMBER COUNTRIES OF THE NAM  
S&T CENTRE)**

In continuation of the international training programme on Small Hydropower, as reported earlier, an international course on 'Planning of Small Hydro Power Projects' was organised by the Alternate Hydro Energy Centre (AHEC), University of Roorkee, India during March 7-16, 2000. The Ministry of Non-Conventional Energy Sources (MNES), Government of India sponsored the course, the contents of which included investigations and planning of small hydro power projects, environmental, economic and financial aspects, Government policies, selection of equipments, use of GIS and remote sensing techniques for planning etc.

A total of 25 participants representing Power Development Boards, Department of Energy, Irrigation Department and Electricity Authority from Bangladesh (2), Egypt (1), Fiji (1), Guyana (1), India (10), Iran (2), Nepal (6) and Sudan (2) attended the course. The NAM S&T Centre sponsored the participant from Egypt (Mr. Mahmoud Abd El-Mohsen Hashem of Hydro Power Plants Executive Authority in Cairo).

Prof. P.K. Pande, Vice Chancellor, University of Roorkee, inaugurated the course on March 7, 2000. Mr. Biswajit Das, Member (Hydro), West Bengal State Electricity Board was present on the occasion as guest of honour and delivered the keynote lecture on Small Hydro Power (SHP) Development in Overall Perspective. In addition to experts from the University of Roorkee, faculty from the Ministry of Non-Conventional Energy Sources of the Government of India, Indian Renewable Energy Development Agency (IREDA) and equipment manufacturers viz. M/S Jyoti Limited, Usha Mills Limited, Sulzer Flovel Hydro and Tide Technocrates delivered the special lectures in the course. Three excursion tours were organised to different types of powerhouses located on canal falls and hilly areas in Haridwar, Saharanpur, Pauri Garhwal and Dehradun districts of Uttar Pradesh. Each participant presented the status of small hydropower development in their respective countries and discussed the problems faced by them.

Prof. Bharat Singh, a well-known water resources expert and former Vice Chancellor, gave the valedictory address and distributed the certificates of attendance to the course participants. Mr. D.K. Joshi, Director (International Division), Ministry of Non-Conventional Energy Sources, Government of India and Dr. K.S. Janakiram, General Manager, Indian Renewable Development Agency Ltd., were also present on the occasion. In their feedback, participants appreciated the arrangements made for boarding, lodging, classroom lecture and field visits, but desired more details on design aspects of the structures.