

Small Hydropower Program 2073/074

According to the proposed programs of this fiscal year 2073/074, a team of Faculty of Technology visited three small hydropower plants located in each of Dolakha and Pyuthan district. Jiri Khola, Gurumphi and Mahadev Khola hydropower were visited in Dolakha while Jhimruk Khola, Khara Khola and Tikachuli hydropower were observed in Pyuthan. The main objective of the hydropower visits was to analyze the condition of those sites and identify the problems prevalent there. On the basis of the problems faced in running those hydro, the team recommended the effective and efficient ways to minimize those problems.



Figure1 Field visit of Small hydropower plants

On the visit, workshop regarding 'Productive End Use' was conducted in both Dolakha and Pyuthan districts so that the user committee will be motivated towards the operation of local enterprises which can add to the sustainability of those projects.



Figure 2 'Productive End Use' Workshop in Pyuthan

Memorandum of Understanding (MOU) was signed between NAST and HRC to further extend this mutual cooperation and collaboration for the betterment of hydropower field in Nepal. As a part of this MOU, international seminar on 'Hydropower Development Planning for South Asian Countries' was successfully conducted in Hotel Radisson, Kathmandu from March 27-30. This event was jointly organized by Nepal Academy of Science and Technology (NAST) and Hangzhou Regional Centre for Small Hydro Power (HRC), Hangzhou, Zhejiang, China.



Figure 3 Opening ceremony of the International Seminar

Honorable Energy Minister, Government of Nepal, Mr. Janardan Sharma was present as the chief guest in the opening ceremony of the seminar. International delegates from China, India, Sri Lanka, Bangladesh, Pakistan and Afghanistan and national participants from NAST and other agencies working in the field of energy participated in the program.



Figure 4 Signing of MOU between NAST and HRC

Resolution was made between the participating South Asian Countries and China to join hand in hands to uplift the status and harness more hydropower here. Exchange programs, workshops and training will be conducted in the upcoming days to make this resolution come to effect.

Similarly, steps have been taken to upgrade the small hydropower laboratory. A prototype of the turbine test rig have been prepared and it is being fabricated in the lab. Similarly, a national level stakeholder meeting was conducted to have national level discussion on hydro power sector in broader sense and also to reflects the important of hydro power standards/ guidelines.