



Energize Nepal Project

- ENEP office setup in progress.
- Project Manager (PM) and IT Communication and Public Relation Officer (ITCPRO) appointed.
- Vacancy announcement for **Assistant Project Manager** (Monitoring & Evaluation) and shortlisting of the same.
- Project schedule, Implementation Plan and Procurement Documents of the TTL part project discussed, edited and finalized.

Workshop

- Dr. Hari Pd. Neopane, Member Secretary and Mr. Nirmal Acharya, Research Associate at TTL participated in **Power Summit 2016**, organized by Independent Power Producers' Association Nepal (IPPAN), under the patronage of Ministry of Energy (MoEN), GoN in Kathmandu on 15- 16 Dec, 2016.
- The event highlighted every facet of **10000 MW plan in 10 years** and find a way out to consolidate those plans from each sector.
- The coverage of the event included discussions on 10,000 MW in 10 years; Energy Security; Electricity Demand estimation; Financing Hydropower Project: Domestic & International Capital; Developing Sustainable hydropower; Impact of climate change and natural disaster on hydropower; showcase project on Budhigandaki Storage HEP, Upper Trishuli 1 and Upper Tamakoshi Project.

Lab Activities

- Dismantling of **92 kW Francis test rig** for relocation at TTL and inspection and cleaning of the parts.
- Failure inspection of **Variable Frequency Drive (VFD)** by the expert and proposal submitted

Academic Activities of PhD Candidate

- Quotations received for the pressure tanks from some manufacturers.
- **Global tendering process** in progress for the procurement.
- Process for the manufacturing of 3 guide vane test rig locally.
- Simulation of 3 GV cascade rig in progress.



Academic Activities of MS by Research Student

- Installation of **3 GV setup** completed at TTL and experiments underway.

Lab Visits

- Visit by Final year undergraduate students from the Department of Electrical Engineering, **Khwopa Engineering College**, Bhaktapur to know about the lab facilities, basics of hydropower and VFD control system in the lab on 11th Dec.
- Visit by 1st year undergraduate students from the Department of Mechanical Engineering (**Hydropower & Energy Group**), Kathmandu University to get acquainted with the hydropower basics and types of turbine as a part of their Turbomachinery course in Elements of Engineering on 26th Dec.

Publications

- Baidar, B., Koirala, R., Neopane, H.P., Thapa, B., "*Strategic rehabilitation of the earthquake affected micro hydropower plants in Nepal*", IOP Series: Earth and Environmental Science 49 (10):102003, November, 2016. DOI: 10.1088/1755-1315/49/10/102003.

