



Energize Nepal Project

- Procurement of valves and other accessories.
- Review of procured items with NTNU experts.
- Review of drawing with NTNU experts.

Fransed Project

- Workshop on Energy Modelling at Himalaya Hotel, with participation from Hydrocen, NTNU, KU, TU and major stakeholders.
- CFD analysis of turbines of Bhilangana HPP and Jhimruk HPP.

Energize Nepal RNEP-II Project (Micro Francis)

- Preparation of Manufacturing Drawing for Chauri Khola II MHP.

Mai Beni Project

- Meeting with CE Construction Pvt. Ltd. for discussion of submitted reports.
- Visit from lab to hydropower site.

Energize Nepal RNEP-II Project (PEEDA)

- Third testing of existing turgo turbine.

Lab Activities

- Meeting with energy planning commission for intervention of turbine manufacturing in Nepal
- Release of 8th Anniversary issue of turbine testing lab.
- Release of book written by Prof. Bhola Thapa titled "Engineering Sikshaka Engineer"
- Meeting for preparation IAHR 2021.
- 3 D scanning of Turbine runners of different hydropower with Wuhan University team.
- Meeting of operation management committee.



Progress of PhD and Masters Students

- Developed data acquisition program for 92 kW turbine test rig. (Ram Lama)
- Development of test rig for erosion testing of scale down Francis Turbine. (Saroj Gautam)
- Investigation of RSI with leakage flow and non-leakage flow for Jhimruk HPP. (Saroj Gautam)
- Final defense of Master's Thesis. (Dadi Ram Dahal).
- Preparation works for test rig with sediments for testing of pump. (Nischal Pokharel)
- 3 D printing of reference pump impeller. (Nischal Pokharel).
- Installation of equipment's for sediment erosion test rig in progress. (Aman Kapali).
- Completion of manufacturing drawing of Cross flow Test rig. (Aman Kapali).