



Energize Nepal Project

- Procurement of AC for clean room and installation in progress.
- Installation of compressor system in progress.
- Troubleshooting of existing Francis rig and second testing of 92kW Francis rig with sensors.

Fransed Project

- Preparation for workshop on energy modelling to be held at Kathmandu on 28th November 2019.
- CFD analysis of turbines of Bhilangana HPP and Jhimruk HPP.

Energize Nepal RNEP-II Project (Micro Francis)

- Design of 25 kW Francis Turbine for Chauri Khola II MHP.
- Manufacturing Drawing in progress.

Mai Beni Project

- Revised detail report submission.

Energize Nepal RNEP-II Project (PEEDA)

- Project Meeting for testing of site testing of 25 kW Turgo turbine.
- Preparation for third testing of existing turgo turbine.

Lab Activities

- Preparation for TTL 8th Anniversary issue.
- Preparation for CRHT-X
- Kick off meeting for preparation IAHR 2021.



Progress of PhD and Masters Students

- Installation and operation of 92 kW test set up. (Ram Lama)
- Data acquisition from torque transducer and rpm sensor. (Ram Lama)
- Hydraulic design of variable speed optimized runner for 92 kW set up. (Saroj Gautam)
- Review of hydraulic model of Bhilangana (8 MW) runner at BEP. (Saroj Gautam)
- Successful testing of 14 kW Francis turbine and preparation for thesis. (Dadi Ram Dahal).
- Preliminary testing of existing pump in pump and turbine mode. (Nischal Pokharel)
- 3 D printing of reference pump impeller. (Nischal Pokharel).
- Installation of equipment's for sediment erosion test rig in progress. (Aman Kapali).