



EnergizeNepal Project

- Precision coupling, linear actuator, flow meter, and other procurement under process and expected to achieve at the mid July.
- CAD modelling and design of flow calibration setup is under progress.

Fransed Project

- Progress on energy modeling.
- Data collection for Energy modeling.

Energize Nepal RNEP-II Project (Micro Francis)

- Development of design tool at final step.
- Hydraulic design of 300KW Francis turbine for Darimgad HPP at final stage.
- Interaction with concerned parties of Darimgad HPP.
- Numerical simulation with different models of spiral casing on progress.

Mai Beni Project

- Final wrap of the design part submitted to client.

Energize Nepal RNEP-II Project (PEEDA)

- 3D printed runner cup have been delivered to NYSE for manufacturing.
- Casting and manufacturing of runner cups to be commenced soon.



Lab Activities

- Completion of 4 days training on Hydro Power Station, Balance of Plant, Control System, and Digital on 10th, 11th, 13th and 14th June.
- Industrial Visit from 28th June to 2nd July including workshop "One Day Workshop on Design and Manufacturing of Francis Turbine.

Lab Visits

- Team of GE Hydro visited lab on 10th June.

Progress of ENEP Students

- Literature review of sediment separation system; Redesign and calculation. (Aman Kapali)
- Procurement of pressure tank, agitation tank and main water pump. (Aman Kapali)
- Paper writing on status of pump in Nepal. (Nischal Pokharel)
- Literature review on design of pumps on going. (Nischal Pokharel)
- Hydraulic design of 92KW Francis turbine using Bovet method. (Ram Lama)
- Submission of paper to IAHR Asia 2019. (Ram Lama)
- Paper Submitted to IAHR Asia 2019. (Dadi Ram Dahal)
- Drawing and review of 14 KW test rig. (Dadi Ram Dahal)