



Energize Nepal Project

- Project progress report for Year II (Jan- Jun 2017) submitted to [Energize Nepal Program Office](#).
- Technical details for [torque transducer](#) and [linear actuator](#) finalized and quotation and tender process for the same on progress.
- Updating of [CAD drawings](#) for turbine shaft and bearing hub.
- Design of draft tube underway.

Lab Activities

- Technical evaluation for reservoir [internal coating](#) done.
- [3-D printing](#) of Archimedean spiral turbine and parts of Francis turbine for second year undergraduate students (Hydropower Group).
- [3-D printing of vertical axis wind turbine](#) for UNG students from Western Regional Campus (WRC), Pokara and facilitation for testing of the same in wind tunnel at Fluid Mechanics Lab.
- Supervision of [DoME- UNG projects](#) (Final year, Third year and Hydropower group- 1st & 2nd year).

Workshop and Visits

- Dr. Hari Pd. Neopane, Member Secretary, TTL participated in [Erasmus+](#) Regional Seminar for Asia at Ho Chi Minh City, Vietnam and then attended Erasmus+ project management meeting at Tallinn University, Estonia from 23rd May- 3rd June 2017 organized by [European Commission](#).
- Mr. Ram Lama and Mr. Dadi Ram Dahal; ENEP students from TTL attended the meeting on "[Hydropower standards and guidelines for Nepal](#)", organized by Nepal Academy of Science & Technology (NAST), Khumaltar on 29th June.

Academic Activities of PhD Candidate

- PhD candidate in 1 month visit at NTNU for his experimental works.
- [Unsteady simulations](#) being carried out at NTNU.



Status of ENEP Students

- Developing tool for **hydraulic design** of Francis turbine in Microsoft excel.
- Undertaking the course works in the department.

Lab Visits

- Visit by professors from Romania from **Department of Geo- Technical Engineering** on 1st June.
- Visit by the students from **Department of Environmental Science** on 9th June.

Internship Program

- Joong Hyun Eo, a high school graduate from **The British School**, Jhamsikhel started his 2 month internship program from 20th June 2017.
- Involved in 3D printing, manufacturing technology, CAD drawing and other basic mechanical skills.