



EnergizeNepal Project

- Participation and briefing on **project progress** and annual plan for coming year during an annual meeting of the EnergizeNepal Project on 5th June.
- **Detail drawings** of the test rig on progress.
- Floatation of tender notice for **vacuum pump, compressor** and various **sensors** for the test rig.
- Electrically controlled **valve mechanism** successfully tested with manual and automatic mode.
- Study of **SCADA system** to be installed in the lab and proposing of the various alternatives.

Lab Activities

- Conducted mid-term progress presentation for 1st year Hydropower group Mechanical students on 11th June.
- **3D printing** of piston assembly in Rapid Prototyping Machine for the training program at DoME.
- **Panauti HEP** visit to the Mechanical 3rd year Hydropower & Energy Technology group undergraduate students on 25th June.
- Completion of 45 days **exchange program** of ENEP PhD and Masters student at Wuhan University, China.

Progress of Sedipass PhD Candidate

- Successful final defense of the thesis on 27th June at **NTNU**, Norway.

Workshop/ Training

- Mr. Nirmal Acharya, Research Associate-TTL participated in the **training program** on "Introduction to 3D Modeling using CREO & its application in additive manufacturing" funded by UGC and organized by DoME from 10-14 June.

Publications

- Ram Lama, Dadiram Dahal, Saroj Gautam, Nirmal Acharya, Hari.Pd. Neopane and Biraj Singh Thapa, Numerical investigation on performance and sediment erosion of Francis runner with different guide vane profiles, IOP Conference Series: Journal of Physics: Conf. Series 1042 (2018) 012004 [doi :10.1088/1742-6596/1042/1/012004](https://doi.org/10.1088/1742-6596/1042/1/012004)



International Visits

- Dr. Biraj Singh Thapa, Faculty Incharge-TTL visited Yunnan University, China to attend [Himalayan University Consortium \(HUC\) Water Annual Meet](#) under “World Bank Project at KU” from 5-8 June 2018.
- Prof. Hari Pd. Neopane, HoD, DoME visited Norwegian [University of Science & Technology \(NTNU\)](#), Trondheim to attend the PhD defense of Mr. Sailesh Chitrakar and other regular activities from 24th June- 2nd July, 2018.
- Dr. Biraj Singh Thapa, Faculty Incharge-TTL visited [Mokpo National University](#), Korea for a workshop as an invited speaker and session chair from 26- 29 June 2018.

Lab Visits

- Visit by Ms. Solveig Andersen, Counsellor & Mr. Bibek Chapagain, Energy Advisor, [Royal Norwegian Embassy](#) at Kathmandu and Mr. Inge Harald Vognild, Senior Advisor, Norwegian Agency for Development Cooperation (NORAD) on 5th June.
- Visit by Mr. Shiva Kumar Thapa, Mechanical Engineer, [Panauti HEP](#) on 11th June.
- Visit by the participants (23 in number) of “Training program on CREO and additive manufacturing” conducted at DoME for the [3D printing of piston](#) on 13th June.
- Visit by Charit Bholowalia, Senior Manger- Sales & Marketing, GE Renewable Energy from [GE Power India Limited](#) on 14th June.
- Visit by the team from [Hydro- Consult Engineering Limited \(HCEL\)](#) comprising Pravash Mool- Project Manager; Ujwol Phaiju, Manager and Ashok Joshi- HR & Admin Manager on 28th June.

New Recruitments

- Mr. Aman Kapali and Mr. Nischal Pokharel joined the lab in the designation of Research Assistant in [UGC funded project](#) and [EnergizeNepal project](#) respectively from 15th June.
- Ms. Rakshita Sharma Bastola, 2nd year [BBIS student](#) at KU joined the lab in the designation of paid intern from 15th June.