



TTL Workshop

- Workshop on “Need & Prospects of Center of Excellence (CoE) at TTL for hydro-turbine development in Nepal” was organized on 7th August, 2017.
- Organized as a kickoff of rigorous discussions and partnership building for achieving short-term and long-term goals of the CoE.
- Inaugurated by Mr. Mahendra Bahadur Shahi, Honorary Energy Minister, Government of Nepal.
- Several dignitaries including Mr. Kul Man Ghising, MD- NEA; Mr. Kumar Pandey, Vice-President- IPPAN; Mr. Gyanendra Lal Pradhan, Treasurer- FNCCI, and representatives from organizations and industries of Nepal viz; IoE, HIDCL, VUCL, Sanima Hydro, HydroLab, NMHDA, NHA and Himal Power Ltd. participated in the program.
- Workshop was accompanied by the TTL lab floor visit and briefing about the lab overview and amenities available.
- Photo Galleries and full news at <http://bit.ly/2vOCT2s>

Agreement between TTL and KMOU

- Agreement was signed between Turbine Testing Lab (TTL), KU and Flow Informatics Lab, Korea Maritime & Ocean University (KMOU), Korea as partners for the project “CFD performance prediction & structure analysis of 50 MW Francis turbine project system” on 22nd August, 2017.
- 12 months contract period with 12,000,000 Korean Won (Approx. 10,500 USD) for TTL for the execution of project.
- Prof. Dr. Bhola Thapa, Registrar-KU & Prof. Dr. Young- Ho Lee, KMOU being signatories for their respective institutions.
- Full news and glimpses at <http://bit.ly/2vXGY4L>

Lab Activities

- Agreement document for TTL underground tank coating signed between TTL, KU & Venus Construction & Water Proofing Pvt. Ltd. on 24th August.
- Agreement document for purchase order of torque transducer between TTL, KU & Technika International Trade Concern on 25th August.
- Specifications & documentation for re- tender of VFD motor submitted to procurement office.
- Completion of Hydraulics machine lab (MEEG 311) and final evaluation.



Activities of ENEP Students

- Design of **draft tube** of Francis turbine completed.
- Study of **labyrinth seal**.
- Project evaluation of 1st year & 2nd year Hydropower Group student.

Energize Nepal Project

- CAD design of **draft tube** and **turbine support** in progress.
- Surveys to figure out **instrument calibrating institution** required for TTL.

Lab Visits

- Visit by **A level students** from Kathmandu University High School (KUHS) on 3rd August.
- Visit by **Mr. Mahendra Bahadur Shahi, Honorary Energy Minister, Government of Nepal** along with Prof. Dr. Ram Kantha Makaju Shrestha, Vice Chancellor-KU on 7th August.
- Visit by **Mr. Gyanendra Lal Pradhan, Treasurer- FNCCI & newly appointed senate member-KU** along with Prof. Dr. Bhola Thapa, Registrar- KU on 7th August.
- Visit by **Mr. Kumar Pandey, Vice- President- IPPAN** and other participants on TTL CoE workshop on 7th August.
- Visit by **Prof. Dr. Young- Ho Lee, Department of Mechanical Engineering, Korea Maritime & Ocean University (KMOU), Busan, Republic of Korea** on 22nd August.
- Visit by **Prof. Dr. Dev Raj Adhikari, Member Secretary- University Grants Commission (UGC)** along with other delegates and KU faculties Prof. Dr. Subodh Sharma, Dean, School of Science-KU and Prof. Dr. Sanjay Nath Khanal on 22nd August.
- Visit by **Prof. Ben and delegates from different fields from University of Washington, USA** on 31st August.