Monthly Bulletin November 2018

EnergizeNepal Project

- Procurement of Compressor.(1st Nov, 2018).
- Procurement of pressure sensors and data logging system.(12th Nov,2018).
- Follow up for work progress of Turrbine accessories relocation Megha Hydro and Engineering Pvt. Ltd. in Butwal, Nepal.
- Discussion with Ajummery Bikas Foundation (ABF) for pre-review and evaluation of project activities.(18th Nov,2018).
- Procurement of Two Stage watering vaccum pump, Pressure calibrator, Pneumatic Dead weight Tester and their accessories.
- Review and finalization of tender documents for procurements of electro mechanical hydraulic components (Flow meters, Linear Actuators, Angle sensors , butterfly valve, wedge gate valve precision couplings).

Lab Activities

- Contract signed with CE construction for consulting Hydromechanical Works for Mai Beni Hydropower project.(9.51 MW).
- Procurement and installation of Test rig components for PEEDA project.
- Vacancy call for researchers.(16th Nov,2018)
- TTL 7th Anniversary Program and publication of 7th Anniversary Issue.(28th Nov, 2018)
- Operation of pump for full testing of high pressure tank.
- Operation of pump in open loop mode using upper reservoir.

Lab Visits

- Prof. Ole Gunnar Dahlhaug, Bård Aslak Brandåstrø,Bjørn Winther Solemslie, Julia Kiri Ellinor Bådsvik , from NTNU combinedly visited TTL. The visit was mainly for assisting Lab operation work followed by discussion on EnergizeNepal project and other ongoing projects at TTL. (26th -29th November 2018).

Progress of ENEP Students

- Development of procedures for operation of pumps in open and closed loop systems. *(By Ram Lama).*
- Progress Presentation to supervisors and NTNU delegates. *(By Ram Lama)*
- Development of python program for grid sensitivity calculation.*(By Saroj Gautam).*
- Analize and modification of previously developed LabVIEW program for data logging. *(By Saroj Gautam).*
- Progress Presentation to supervisors and NTNU delegates. *(By Saroj Gautam)*
- Runner casting mould created and fixed the date for casting. (*By Dadiram Dahal).*
- Design of Fixed Guide Vane for micro Francis Turbine. (*By Dadiram Dahal).*
- Progress Presentation to supervisors and NTNU delegates *(By Dadiram Dahal)*