



EnergizeNepal Project

- Series of meeting with NTNU technical experts on 2D drawing finalization.
- Model turbine test rig drawings and tender documents finalization.
- Software design which includes layout, buttons and user interface design for valve control in the lab.
- Retender notice for vacuum pump, compressor and various sensors for the test rig published on Kantipur daily on 23rd July.
- Annual Reports for Year II which include technical & financial reports prepared and submitted to EnergizeNepal office on 30th July.

Sedipass Project

- Preliminary measurement of PIV conducted in a simplified test rig.

Lab Activities

- Maintenance of EOT crane in the lab.
- Hydraulic laboratory final evaluation for Hydropower & Energy Technology subdivision students on 17th July.
- Evaluation of project final with demonstration of hydropower subdivision group students (3rd year) on 24th July.
- Evaluation of project final with demonstration of hydropower subdivision group students (2nd year) on 25th July.
- Evaluation of project final with demonstration of hydropower subdivision group students (1st year) on 30th July.
- Vacancy announcement for lab technician on 25th July.

Lab Visits

- Visit by the students and researchers (20 in group) from Eindhoven University of Technology, Netherlands on 13th July led by the faculties from Department of Physics, KU.
- Visit by the delegates from International Maize and Wheat Improvement Center (CIMMYT) on 17th July led by Mr. Nawaraj Shrestha, Assistant Prof., Department of Civil & Geomatics Engineering, KU.
- Visit by the personnel from Mega Hydro & Engineering Pvt. Ltd., Butwal for the discussion on the relocation of Francis turbine test rig in the lab on 17th July.



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Lab Visits (Contd...)

- Visit by Lai Xu- Professor, Wang Junxing- Professor and Tao Wang- Associate Prof. from School of Water Resources and Hydropower Engineering, [Wuhan University](#), China on 18th July.
- Visit by Mr. Raju Shrestha, Team Leader/ Mechanical Engineer, [Naghlu Hydropower Rehabilitation Project](#), Afghanistan on 30th July.

Progress of ENEP Students

- Design and simulation of [low head micro Francis turbine](#) on progress.
- Design and meshing of 92 kW model Francis runner.
- Planning of [Francis test rig relocation](#) in the lab.
- Proposal drafting for the [Renewable Nepal Phase II](#) application call under EnergizeNepal.