



TTL Fifth Anniversary Program

- TTL celebrated its 5th Anniversary program on November 24, 2016
- 5 years of journey of TTL highlighted and 5 years of future activities planned
- Official release of 5th Anniversary Issue by **Mr. Kulman Ghising**, Managing Director, Nepal Electricity Authority and **Prof. Dr. Bhupendra Bimal Chhettri**, Dean, School of Engineering, Kathmandu University
- Program accompanied by the project exhibition program **Aviyantaa'16** of Mechanical Engineering Department and release of the 3rd issue Aviyantaa
- Photo Galleries and full news at <http://tinyurl.com/ze2ak25>

Other highlights

- Official release of 3rd Aviyantaa Issue by **Mr. Satya Narayan Shah**, Chairman, Nepal Engineering Council and **Prof. Dr. Bholu Thapa**, Registrar, KU

KETEP Project

- Accomplishment of KETEP Project

Energize Nepal Project

- **Kick-off meetings/ PAC meetings** held during 20-22 Nov, 2016
- Kick-off meeting with stakeholders held on 21st Nov, 2016
- KU officials along with **Dr. Meg B. Bishwokarma**, General Manager, Hydro Lab Pvt. Ltd., **Dr. Petter Stoa**, SINTEF and **Hans Otto Haaland**, Research Council of Norway and governmental and institutions representatives attended the program
- Project schedule, Implementation Plan and Procurement Documents of the TTL part project discussed, edited and finalized.
- Interview conducted for **Project Manager (PM)** and **IT Communication and Public Relation Officer (ITCPRO)**
- Vacancy announcement for PhD, MS and Technician position at TTL under ENPE project

Lab Activities

- Dismantling of **92 kW Francis test rig** for relocation at TTL
- Pickling of **MS guide vanes** to remove scale/impurities



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Lab Visits

- Mr. Kulman Ghising, [Managing Director](#), Nepal Electricity Authority visited TTL on 24th November as the chief guest on TTL 5th Anniversary Program and discussed on future prospects of collaboration between [NEA and KU](#)
- Prof. Ole Gunnar Dahlhaug and Mr. Bård Aslak Brandåstrø, Senior Engineer, WPL-NTNU visited TTL on 8th and 9th November and discussed on recently commenced [EnergizeNepal project at TTL](#)
- Visit by delegates from [HimalPartner](#) on 3rd week of November

Academic Activities of PhD Candidate

- Progress meeting with Prof. Ole, Mr. Bard and Assoc. Prof. Hari Pd. Neopane on 8th November, 2016
- Analysis of PIV results of [1 GV cascade rig](#)
- Tender documents (Global) for [pressure tank](#) and [test rig](#) under preparation

Publications

- Ravi Koirala, Bhola Thapa, Hari Prasad Neopane, Baoshan Zhu, "*A review on flow and erosion in Guide Vanes of Francis turbine*", Renewable and Sustainable Energy Reviews, 2016

Undergraduate Projects (2016- 2017) at TTL

- 6 final year projects
- 2 third year projects
- 6 second year (Hydropower group) projects