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AEPC Project

- Manufacturing of the Cross-Flow and Pelton Turbines under progress
- The second notice for purchasing the VFD and VMD called on September 1st
- Technika International Services Pvt. Ltd. was selected as the supplier
- It is anticipated that the VFD, VMD and test rig will arrive TTL by the end of November
- Third installment of the project (25% of the total amount) received from AEPC

RENP-1095 Project

- Financial auditing of the project completed
- The project is officially closed
- Outcome of the project - A complete rig for testing the 1.6 kW RPT in turbine mode has been installed in TTL

TTL's Presenters in RENTECH Symposium on 12th September

- Sailesh Chitrakar, Binaya Baidar, Ravi Koirala, "Spanwise Re-stacking Techniques in Turbo-Machinery Blades and Application in Francis Runner ", Renewable Energy Technology Symposium, Volume 4, 12 September, 2014, Nepal.
- Ravi Koirala, Sailesh Chitrakar, Niroj Maharjan, Nikhel Gurung, Bishnu Prasad Aryal, "Design and Development of a Reversible Pump Turbine Test Rig ", Renewable Energy Technology Symposium, Volume 4, 12 September, 2014, Nepal.
- Bhaskar U. Aryal, Bibek Bhurtel, Kiran Giri, Amit Sharma, Sailesh Chitrakar, "Design and Analysis of a Small Scale Wind Turbine Rotor at Arbitrary Conditions ", Renewable Energy Technology Symposium, Volume 4, 12 September, 2014, Nepal.
- Sanam Pudaisini, Hari Prasad Neopane, Amod Panthee, Anuj Pathak, Bhoj Bahadur Chaudhary, "Computational Fluid Dynamics (CFD) analysis of Pelton runner of Khimti Hydro-power Project of Nepal ", Renewable Energy Technology Symposium, Volume 4, 12 September, 2014, Nepal.

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Bifurcation work

- Mechanical Design of Bifurcation for Daraundi Khola completed
- Final report of all the works under progress

Recent Project Proposal status

- KOICA project: *Capacity and Competence building for the study of sediment erosion and losses in hydraulic turbines* - Submitted on 14th October
- KETEP project: 3 years, *5 kW and 20 kW Cross Flow turbine installation at TTL and local site* - Submitted on 14th October
- Energize Nepal Project: Final PD ready after reviewed by Embassy

- Third Anniversary Event of TTL to be held on 17th November
- The Anniversary Issue publishing is under progress

Publication

- Anil Kumar Bastola, Hari Prasad Neopane, 'Mineral Analysis and Erosion Potential of Sediment Samples from Nepalese Hydro Power Plant: A Case Study of Lower Marsyangdi Hydropower Plant', Journal of Machinery Manufacturing and Automation, Volume 3, Issue 3, pp. 50-55, September, 2014