



MONTHLY BULLETIN *DECEMBER 2013*

REN-1095

- Field visit at Chilime HP on 9th – 12th for hydrological data collection
- Annual Project Meeting on 27th
- Simulation works in final stage
- Test rig design and fabrication process is on-going

REN-437 Further Project Support Granted (Researcher-Month support with Operational expenses) for 6 months

New activities for this project

- Study of sediment erosion in other turbine components like guide vanes, stay vanes, spiral casing and draft turbine
- Study of Cavitation effect in the designed runners
- Completion of the 92 kW test rig installed at TTL

REN-437 Further Project Support Granted (Conducting CRHT – III symposium)

The date has been finalized on April 6th, 2014

TTL Shed

Construction work for the TTL shed to extend the working space and make an aesthetic appearance has been started from 29th

Visit at Turbine Testing Lab from the third year undergraduate Mechanical Engineering students of Thapathali Campus on 24th for enhancing practical knowledge of the students



EnergizeNepal

- Hydro Power Engineering Course for Masters and PhD level students has been finalized together with the Center of Excellence at TTL proposal

TTL in National R&D center

- Turbine Testing and Manufacturing Technology Center has been envisioned as a sub-component of Alternative and Renewable Energy Research Center together with Bio based Energy Technology and Solar and PV technology in the pre-feasibility study conducted by KOICA

Upcoming events at TTL

- TTL second anniversary event at the mid-January, 2014
- In-house training of CATIA and ANSYS-CFX on the last week of January, 2014
- Open-Foam Workshop for Staffs and UG students by Prof. Sachin Borse (Rajarshi Shahu College of Engineering) on the last week of February, 2014 (tentative)
- CRHT – III symposium on April 6th 2014

Turbine Testing Lab wishes all the faculties and related staffs of Kathmandu University,

HAPPY NEW YEAR 2014