



MONTHLY BULLETIN APRIL, 2014

MoU signed between AEPC and KU-TTL

- Evaluation of project proposal on April 2nd
- MoU signed on April 23rd
- A total of 9.063 million NPR granted for 8 months project on **Turbine Test rigs at TTL and Development of Francis turbines in a micro hydro power plant in Nepal**
- The MoU event was attended by Prof. Bhola Thapa, Dr. Hari Prasad Neopane and Mr. Sailesh Chitrakar from KU side and Prof. Govind Raj Pokharel, Mr. Madhusudhan Adhikari, Mr. Kjartan Gullbra, Mr. Rana Bahadur Thapa and Mr. Jagadish Kumar Khoju from AEPC side
- The project officially started from May 1st
- Recruitments for this project have been finalized

CRHT- IV International symposium conducted

Event date	: 7th April, 2014
Time	: 9:00am -4:00pm
Venue	: CV Raman Auditorium, KU
Oral Presentations	: 23 from KU (7), NTNU (14) and KMU (2)
Poster Presentations	: 13 from Undergraduate students of KU
Chair persons	: Dr. Hari Prasad Neopane, Mr. Brijesh Adhikary and Prof. Ramesh Kumar Maskey
Participants	: 160



REN-1095 Project

- Fabrication works to be completed on May
- Workshop on Engineering with Traditional Technology on May 4th as a combined workshop between RENP and UGC project

Academic projects

- Completion of Masters work from NTNU at TTL related to the design of a Pelton and a Francis turbine test rig
- Cross Flow Turbine testing at TTL from University of Calgary, Canada from April 20th

Arrival of 92 kW Francis turbine stainless steel runner and Draft tube from Korea at TTL on 11th April

List of new Publications from TTL

- Niroj Maharjan, Sailesh Chitrakar, Nikhel Gurung and Ravi Koirala, 2014, "Pumped storage concept and its potential application in Nepalese Hydropower Context - A case study of Chilime Hydropower Plant, Rasuwa, Nepal", APCMET-2014, April 2014, Emerging Energy Technology Perspectives - A Sustainable Approach, ISBN: 978-93-83083-73-2.
- Balendra Chhetry, Bhola Thapa, Biraj S. Thapa, 2014, "Assembly design to ease turbine maintenance in sediment – laden conditions", The International Journal on Hydropower & Dams, Special issue: ASIA 2014- Colombo, Fifth International Conference on Water Resources and Hydropower Development, 2014.
- Subash Pant, Manish Lamsal, Bhola Thapa and Biraj S. Thapa, 2014, "Prediction of Turbine Needed for Future Hydropower Projects in Nepal", HydroNepal Journal of Water, Energy and Environment, ISSN 1998-5452, Issue No. 14, January 2014.