



## **MONTHLY BULLETIN** JUNE, 2014

### **AEPC Project**

- Submission of the inception report on June 10<sup>th</sup>
- Design of the test rig including manufacturing drawings completed
- Call for proposals for test rigs ready for publication
- VFD to be ordered from Chinese supplier
- Second installment of the project (25% of the total amount) approved from AEPC

### **REN-1095 Project**

- Test rig fabricated and almost ready to be tested
- Participation in the Researcher's seminar on 23<sup>rd</sup> June
- Towards the final month of the project

### **List of publications**

#### **3rd International Conference on the Developments in Renewable Energy Technology [ICDRET 2014] May 29-31**

Nikhel Gurung, Milan Paudel, Nitish Shrestha, Ashok Bista, Biraj Singh Thapa, Krishna Prasad Shrestha – *Prospects of Utilization of Reversible Pump Turbines in Nepalese Hydropower Plants*

Supriya Koirala, Bhola Thapa, Torbjorn Kristian Nielsen – *Analysis of the Flow Condition in a Cross Flow Turbine*

Juben Bhaukajee, Hari Prasad Neopane, Suraj Baral – *Policy, Planning and Implementation Practices in Hydropower Sector of Nepal*



## **MONTHLY BULLETIN** *JUNE, 2014*

### **Bifurcation work**

- Submission of the first report (Hydraulic design)
- Approval of the first installment (NRs. 100000) from Nirvana Tech Pvt. Ltd.

### **Proposals to KOICA with KMU as the academic partner**

- International collaboration project for a micro hydro feasibility study
- Study of sediment erosion and losses in hydraulic turbines by using PIV setup

**Internship started at TTL from July 1<sup>st</sup> with 5 UG students for 2 months**

### **Completion of Internship from NIT, India**

- Dark room for PIV test installed at TTL
- Final presentation on 27<sup>th</sup> June

**Completion of Bachelor's fourth year projects at TTL with final presentation on 25<sup>th</sup> June**