



Monthly Bulletin August, 2015

Visit of Dr. Shiva P. Pudasaini

- Dr. Shiva P. Pudasaini, a senior research scientist at the department of Geodynamics/Geophysics, University of Bonn, Germany and Visiting Professor at Kathmandu University, visited TTL on 26th August, 2015
- Discussion on possible collaboration on common research interest

TTL Flooring

- Contract agreement for the TTL lab flooring signed between TTL and S & P innovation construction Pvt. Ltd. on August 4, 2015
- Jota floor coating to be done
- Total contract period is of 45 days

KETEP Project

- Quotation of the RDA finalized
- Completion of numerical simulation for KMOU Cross Flow turbine
- Delivered sand particles from 3 different HEPs to KMOU for RDA experiment

RNB-15-PID-02 project

- Service Agreement between Turbine Design Services Pvt. Ltd. and KUBIC
- Manufacturing of low head Francis turbine in progress
- Turbine to arrive TTL within 15th September, 2015

RNB-15-PID-16 project

- Project Title - 'Development of Guidelines for Welding Repair of Hydro Turbines', with project partner North Hydro and Engineering Pvt. Ltd.
- Fatigue testing experiment and numerical simulation in progress



Monthly Bulletin August, 2015

Academic/Training activities

- In-house training on ICEM CFD conducted
- PhD candidate Sailesh Chitrakar enrolled at NTNU for 1 year

Internships

- Two interns at Balaju Yantra Shala for manufacturing supervision for RNB-15-PID-02 project
- An intern at TTL for RNB-15-PID-16 project

Publications

- Koirala, R., Chitrakar, S., Panthee, A., Neopane, H. P., Thapa, B. , "Implementation of Computer Aided Engineering for Francis Turbine Development", International Journal of Manufacturing Engineering, Volume 2015, <http://dx.doi.org/10.1155/2015/509808>