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KETEP Project

- Design of RDA completed and sent to Korean manufacturer
- Manufacturing process in Nepal is under progress

RENP-2015

- Project start-up monitoring on 25th June
- Completed the design of low-head Francis turbines for Tapkhola site
- Registration of TDS under process, modality finalized
- Manufacturing of the turbine in Balaju YantraShala to begin from mid-July

Earthquake Rehabilitation

- Design of the truss for temporary houses
- Proposal to NTNU for Rehabilitation and enhancement of the earthquake affected micro hydropower plants of Nepal under development

AEPC Project

- Installation of the test rigs completed with preliminary testing and analysis
- Submission of the final report draft to AEPC on June 16th
- Meeting with AEPC at TTL on 28th June for project closing

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Co-operation with NTU, Singapore

- KU and NTU agreed to collaborate to "Explore the possibility of a research collaboration in the area of Energy Systems and Turbines: design, manufacturing and testing"
- MoU documents are under process

Start of PhD and Master's program from TTL

- Oblique Shrestha (PhD on 'Development of erosion-friendly cross flow hydro turbines' – funded by KETEP, Korea)
- Sailesh Chitrakar (PhD on 'Simultaneous effect of sediment erosion and secondary flow in Francis turbines' - funded by Norwegian Research Council)
- Ravi Koirala (MS by Research on 'Sediment erosion in Guide Vanes of Francis turbines'- funded by TTL, NTNU and Tsinghua University)

Energize Nepal

- Meeting with the Appraisal team on 4th June at TTL

Publications

Shiva Raj Paudel, Ravi Koirala, Eun-seob Kim, Hyung-Il Kim, Min-Soo Kim, Kang-in Lee, Kyung-Tae Lee, Won-Shik Chu, Ahn Sung-Hoon, "3D Printed Axial flow turbine for Pico Hydro Applications", Annual Spring Meeting of the Korean Society for New & Renewable Energy 2015, June 11-12, 2015, Busan, South Korea

B. S. Thapa, O. G. Dahlhaug and B. Thapa, "Sediment erosion in hydro turbines and its effect on the flow around guide vanes of Francis turbine," Renewable and Sustainable Energy Reviews 49, 1100-1113