

HYDROPOWER IN NEPAL

Nepal is one of the richest country in inland water resources with feasible hydropower potential around 40000 MW, of which approx. 1000 MW of electricity is being generated. Several hydropower projects are in the planning and construction phase. It clearly reflects the necessity of research and development in the sector. CRHT is one among several events to enhance research activities where professional, researchers, students and experts are waiting to share their research and experience.

SYMPOSIUM COMMITTEE

Turbine Testing Lab, Kathmandu University

Turbine Testing Lab (TTL), under department of Mechanical Engineering, was established with a vision to motivate research or research oriented academic activities focusing on the development of hydropower scenario of Nepal. TTL has been able to carry out several activities within to maintain the dynamicity at high exhilaration. Thus, to disseminate its research knowledge and bring hydro community together, TTL has been organizing several events. CRHT symposium is an important platform. TTL has successfully organized eight previous CRHT symposiums. The thematic areas of the Symposium is primarily research and development in hydropower sector, also other source of renewable energy will be considered due to participants interest.



Organizing Committee Members:

Dr. Damber Bdr. Nepali, Dean, School of Engineering
Dr. Hari Pd. Neopane, Associate Dean, School of Engineering
Dr. Bhola Thapa, O&M Committee, TTL
Dr. Biraj Singh Thapa, Faculty In charge— TTL
Er. Aman Kapali, Secretariat

INTERNATIONAL STEERING COMMITTEE

- Prof. Ole Gunnar Dahlhaug, Norwegian University of Science & Technology, Norway
- Prof. Young Ho Lee, Korea Maritime & Ocean University, Korea
- Prof. Young Do Choi, Mokpo National University, Korea
- Prof. Zhongdong Qian, Wuhan University, China
- Prof. Arun Kumar, AHEC, IIT, Roorkee, India
- Mr. Tom Solberg, International Centre for Hydropower, Norway

ENTRY TO NEPAL

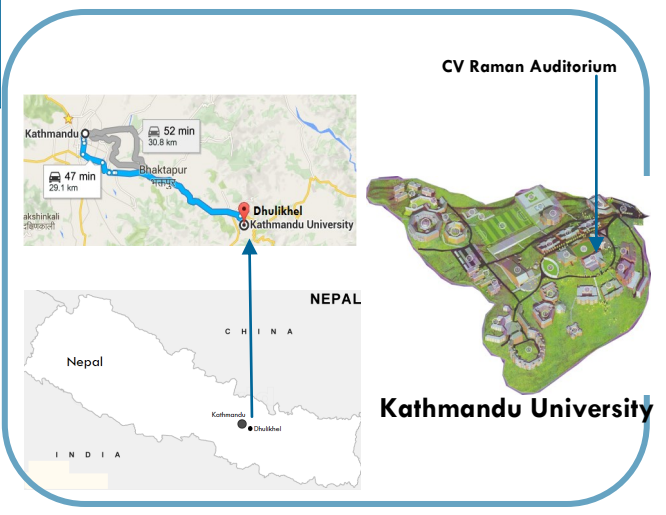
Nepal Immigration is organized to regulate the movements of foreigners into, within and from Nepal. One Immigration office is located at Tribhuvan International Airport in Kathmandu.

For more information

www.nepalimmigration.gov.np

VENUE

The symposium will be held at the CV Raman Auditorium, Kathmandu University, Nepal.



KEY DATES

Abstract submission: **20 December, 2018**
Notification of acceptance: **28 December, 2018**
Full paper submission: **08 March, 2019**
Presentation submission: **05 April, 2019**
Pre-registration: **31 March, 2019 (online)**
Event: **09 April 2019 (Registration on-site)**

For more information please contact:

Organizing Committee

Turbine Testing Lab

Kathmandu University, Dhulikhel, Nepal

P.O. Box: 6250

tfl@ku.edu.np

+977-11-661399 (ext-0227)

www.ku.edu.np/tfl

9th International Symposium on Current Research in Hydropower Technologies



CRHT-IX'19

9th International Symposium on Current Research in Hydropower Technologies

Date: **9th April, 2019**

**Kathmandu University
Dhulikhel, Nepal**

Organized by:
Turbine Testing Lab
Kathmandu University

Supported by:



INVITATION MESSAGE FROM ORGANIZING COMMITTEE

On behalf of organizing committee Turbine Testing Lab (TTL) at Kathmandu University, it is my pleasure to cordially invite you to CRHT-IX'19, 9th International Symposium on Current Research in Hydropower Technologies. The symposium aims to bring together students, researchers, professionals and experts in hydropower sector and other renewable energy fields to share their experiences and research insights.

Selected research & technical papers will be published in Journal of Physics: Conference Series as a part of conference proceedings. Hence we expect high quality scientific papers in the thematic areas of the event and the papers will be thoroughly reviewed by the experts.

I invite all of the concerned in this community to join this event and share and interact at the CRHT-IX symposium to be held on 9th April, 2019 at Kathmandu University.

We hope to see you in CRHT-IX'19 and expect your contribution to make this conference another success

Prof. Bhola Thapa
O&M Committee, TTL,
Kathmandu University

SCHEDULE

9th April 2019:

9:00 - 9:30	Registration/refreshments
9:30 - 10:45	Inauguration program
10:45 - 12:00	Featured Presentations
12:00 - 13:00	Lunch break
13:00 - 14:45	Technical Session I
14:45 - 15:00	Tea/Coffee break
15:00 - 16:15	Technical Session II
16:15 - 16:30	Tea/Coffee break
16:30 - 17:30	Closing Program
17:30 onwards	TTL Visit and Dinner Program

THEMES

Abstracts are invited on the following relevant topics. The theme of the Symposium is state-of-the-art research and technology in hydropower sector. However, due to participants' interest, other sectors like renewable energy and manufacturing techniques will also be considered in CRHT-IX.

Hydropower Technology:

- ◆ Hydraulic turbines
- ◆ Pumps & Pump as Turbine (PAT)
- ◆ Small hydropower
- ◆ Operation, repair and maintenance
- ◆ Erosion and cavitations flows
- ◆ Computational & experimental techniques
- ◆ Civil Engineering aspects of hydropower
- ◆ Electrical Engineering aspects of hydropower
- ◆ Energy storage system by hydropower plants
- ◆ Manufacturing techniques and technologies



ABSTRACTS & PAPERS

- ◆ Abstract in 300 words
Technical paper which has not been published elsewhere in provided template (Max. 8 pages).

Please suggest the theme for which your paper would be best suited.

Please visit www.ku.edu.np/ttl to submit the paper and for other details.

PRESENTATION

Oral presentation in English language (Max 10 minutes) in MS supported format.

REGISTRATION & FEES

The registration fee includes participation cost, registration kit, lunch and tea/coffee/snacks/dinner.

The registration fee will be collected on site.

Nepalese students	NPR 1500
Nepalese Participants	NPR 2500
SAARC countries	NPR 4000
Other countries	USD 100

Please note that preregistration should be done online before the Symposium date.

ACCESS AND TRANSPORT

Kathmandu University lies in Dhulikhel municipality, Kavrepalanchowk district, about 30 km east of Kathmandu city. Dhulikhel is touristic place with pleasant weather and has panoramic mountain view. Local transport (bus) or taxi can be taken to the venue. Please note that you need to arrange transportation to the venue by yourself.

ACCOMMODATION

Dhulikhel town is at walking distance from the Kathmandu University (about 2 km) and it hosts many hotels and resorts with various choices of standards.

You can also stay in Kathmandu and travel to Kathmandu University, Dhulikhel on the event day.

You will have to reserve the hotel rooms by yourself, however if you need, the organizing committee can help you to book the rooms. Some recommended hotels in Dhulikhel are:

www.dhulikhellodgeresort.com
www.mirableresorthotel.com
www.himalayanhorizon.com
www.dhulikhelmountainresort.com

