



Call for Papers

Original papers that deal with all aspects of Vibration Engineering and Technology of Machinery are solicited. Topics include but are not limited to:

- Rotor Dynamics
- Vehicle Dynamics
- Wave Propagation
- Vibration and Waves
- Probabilistic Models
- Non-Linear Vibrations
- Flutter and Aero Elasticity
- Fluid-Structure Interactions
- Vibration and Acoustic Control
- Prognostic Health Management
- Composites and Nano-structures
- MEMS, Smart Structures, and Systems
- Micro Turbines and Plasma Jet Engines
- Renewable Energy and Climate Change
- Mini Power Trains and Unmanned Vehicles
- Fracture, Fatigue, and Damage Mechanics
- Signal Processing and parameter estimation
- Multi-Physics and Flexible Multi-Body Dynamics
- Guidance, Navigation, and Control Technologies
- Condition Monitoring and Machinery Diagnostics
- Compliant Mechanisms and Topology Optimization



Selected papers from VETOMAC-2022 will be further reviewed and published by SpringerNATURE in the domain of Vibration Engineering and Technology.

Important Dates:

| | |
|------------------|---|
| May 31, 2022 | Last date for receipt of abstracts |
| June 15, 2022 | Intimation of acceptance of abstracts |
| August 15, 2022 | Last date for receipt of full length papers |
| August 31, 2022 | Intimation of acceptance of full paper |
| October 15, 2022 | Last date for receipt of camera ready paper |

Registration Fees:

| Fee (Without TAX) | | Student/ Research Scholars | Faculty Members/ Industry Participants |
|----------------------|----------------------|----------------------------|--|
| Foreign Participants | Before 30 Sept. 2022 | \$ 150 | \$ 450 |
| | After 30 Sept. 2022 | \$ 200 | \$ 500 |
| Indian Participants | Before 30 Sept. 2022 | INR 2,000 | INR 5,500 |
| | After 30 Sept. 2022 | INR 3,000 | INR 6,500 |
| Nepali Participants | Before 30 Sept. 2022 | NR 3,000 | NR 8,000 |
| | After 30 Sept. 2022 | NR 4,500 | NR 10,000 |

Accommodation:

The Tribhuvan International Airport is 5 km from the conference venue. Adequate lodging and boarding facilities are also available within a radius of 2 km from the conference venue. The IOE Pulchowk campus is located at the heart of the Lalitpur district, and it is within walking distance of the popular Jhamsikhel as well as Patan Durbar Square areas, with many historical sites and popular restaurants. A small area around IOE Pulchowk alone hosts all amenities that the Kathmandu valley can provide. Public transportation, walkways, and cycling lanes are available around the campus, and the Pathao ride-sharing app is popular in the valley, so getting around is never a problem.

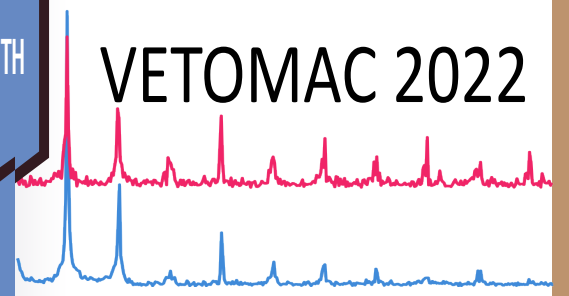
Conference Venue:



Institute of Engineering Pulchowk, Lalitpur Nepal

17TH

VETOMAC 2022



December 15-17, 2022

Conference Theme

Condition Monitoring of Hydropower Systems

Organised by

TRIBHUVAN UNIVERSITY
INSTITUTE OF ENGINEERING
Department of Mechanical and Aerospace Engineering
LALITPUR PULCHOWK NEPAL

Co-organiser

GOVERNMENT OF NEPAL
Ministry of Education, Science and Technology

In Association with



Nepal Academy of Science and Tehnology (NAST)

HUC Himalayan University Consortium

XVII INTERNATIONAL CONFERENCE ON VIBRATION ENGINEERING AND TECHNOLOGY OF MACHINERY

About the conference

The first International Conference on Vibration Engineering and Technology of Machinery (VETOMAC) was organized at IISc Bangalore, India, in the year 2000 with the intention of encouraging scientific and technical cooperation and exchange across the globe. This forum is held every year to activate not only scientific and technical communication/interaction among members. The 17th VETOMAC conference will be held at the Institute of Engineering, Pulchowk Campus, Nepal, on December 15-17, 2022. This conference is the seventeenth in the series of annual symposia that started in Bengaluru, India (2000), and was subsequently held in Mumbai, India (2002), Kanpur, India (2004), Hyderabad, India (2007), Wuhan, China (2009), New Delhi, India (2010), Hong Kong (2011), Vaddeswaram, India (2012), Nanjing, China (2013), United Kingdom (2014), Taiwan (2015), Poland (2016), Queensland, Australia (2017), Lisbon, Portugal (2018), Curitiba, Brazil (2019), and Bangalore, India (2021).



About the Kathmandu Valley

Kathmandu is a beautiful place surrounded by religious sites, adventures, and ancient history. This place is a mixture of Hinduism, Buddhism, and many other religions. There are many places to visit in Kathmandu like Pashupatinath, Swyambhunath, Hanumandhoka that are the main places for attraction of tourists. A beautiful scenario with several animals is there in Shivapuri National Park. Kathmandu is as contemplated as the gateway to the Nepalese Himalayas. The valley has 7 UNESCO world heritage sites and it is not possible to tour this city in just a few days. Whether you're a history buff or not, it's impossible not to be moved by the glorious palaces and temples around Kathmandu's giant Durbar squares. But there is also a modern Kathmandu where you can find trendy bars, a notable nightlife and tourist and mountaineer hotspots. The city is delightful to holiday in any season and the historic and tourist centers are walkable, and you can get lost on the winding burnt bricked streets and you'll easily discover hidden treasures around every corner.

Nepal is a picturesque place that is astonishingly beautiful with beautiful mountains, lakes, glaciers. The attraction not only lies in rich geographical features ranging from lush, dense forests to cold, unbearable high mountains but also among the courteous people and rich culture of the place. Spectacular natural riches combine with a vibrant culture and sense of history, where deities mingle with mortals and magnificent temples, monasteries and historical monuments can be found at almost every turn. Home to ten of the world's 14 highest mountains, the country offers a magnificent setting for hiking and mountaineering, as well as some of the world's best white water rafting. With Mount Everest straddling its border, rare one-horned rhino roaming its jungles and pagodas studding its valleys, the tiny mountain kingdom of Nepal has an almost mythical quality.



About the Institute of Engineering

Under Tribhuvan University there are various faculties and institutes. Institute of engineering is one of the Institute of Tribhuvan University. Under the Institute of Engineering, there are four constituent campuses and ten private colleges. Pulchowk Campus is the central campus of the Institute of Engineering. It was established in 1972 (2029 B.S.) as one of the constituent campuses of the Institute of Engineering and is situated at the heart of the Lalitpur city at Pulchowk. Initially, it was started for the production of trade level manpower to fulfill the nation's need in the field of Engineering. Pulchowk campus offered diploma level (intermediate level with three years duration) courses in various engineering disciplines since 1973 (2030 BS) but diploma level courses are phased out now. Pulchowk campus has been offering bachelor's degree courses in various engineering disciplines since 1984 (2041 BS).

About the DMAE

Department of Mechanical Engineering is one of the seven Engineering Departments of the Institute of Engineering. The department was born in the year 1975 with the establishment of Certificate Level Program in Refrigeration and Air Conditioning under International Labour Organization funded project, although at that time it co-existed under administrative unit named ERA (Electronics, Radio-electronics and Air Conditioning and Refrigeration). The three 'Section', as were called at that period, offered only certificate level courses of two years duration. The programs were later reviewed and upgraded to Diploma status with the addition of one more academic year. The Diploma programs continued for some time under the same administrative structure of ERA till the three sections grew into the Electrical, Electronics, and Mechanical departments. The three departments offered only Diploma program for some years while preparation continued to enable them to start Bachelor of Engineering (BE).

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Prof. Dr. C W Lim *City Uni. of HK; Editor for Journal of Mechanics of Materials & Structures*
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