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Event Summary

The National Conference on Engineering and Technology (NCET 2026) was organized by Pulchowk Campus, Institute of Engineering, Tribhuvan University, on 8–9 October 2026 (22–23 Ashwin 2083). Held under the theme “Research in Engineering and Technology”, the conference brought together faculty members, researchers, graduate students and practitioners to share recent work across the engineering disciplines and to strengthen the research culture of the campus.

The conference opened with an inaugural session at Burja Hall, Department of Civil Engineering. Hon’ble Er. Tapeshwar Yadav graced the occasion as Chief Guest, and Dr. Padam Bahadur Shahi attended as Special Guest. The session began with the lighting of the traditional panas batti by the Chief Guest and other guests, followed by the National Anthem. Mr. Jayandra Raj Shrestha delivered the welcome speech. The gathering was then addressed by Dr. Khem Gyanwali, Campus Chief of Thapathali Campus; Dr. Ajay Kumar Jha, Campus Chief of Pulchowk Campus; and Prof. Dr. Binod Bhattarai, Assistant Dean of the Institute of Engineering. These addresses were followed by those of the Special Guest, Dr. Padam Bahadur Shahi, and the Chief Guest, Hon’ble Er. Tapeshwar Yadav.

The inaugural programme included a keynote address by Dr. Basanta Raj Adhikari, titled “Decoding the Bhotekoshi Disaster through Ice, Rock and Cascading Floods”. The talk examined the Bhotekoshi disaster as a chain of linked hazards, in which ice, rock and floodwater interact to cause cascading events. It set a strong context for the conference’s focus on research that serves Nepal’s engineering and disaster-resilience needs. Dr. Nawraj Bhattarai, Convener of NCET 2026, then formally closed the inaugural session.

All papers submitted to NCET 2026 went through peer review, and 52 were accepted for presentation. Over the two days, these papers were presented across eight thematic tracks: Mechanical and Industrial Engineering; Civil and Infrastructure Engineering; Electrical and Energy Engineering; Electronics, Computer and Artificial Intelligence; Disaster and Climate Change; Architecture and Planning; Innovation and Sustainable Technology; and Other Areas of Engineering and Technology. Technical sessions ran in two parallel rooms, Burja Hall and the Conference Hall. Each 90-minute session featured six presentations grouped by theme and was moderated by a session chair, who guided the discussion that followed each paper. The final technical session on the second day was held as a single session, leading directly into the closing ceremony.

At the closing ceremony on 9 October 2026, Dr. Nawraj Bhattarai, Convener of NCET 2026, presented a summary of the conference and its key takeaways. Certificates were then distributed to the presenters. The Acting Campus Chief of Pulchowk Campus delivered the vote of thanks. Prof. Dr. Sushil Bahadur Bajracharya, Dean of the Institute of Engineering, Tribhuvan University, gave the closing remarks and formally closed the conference.

After the conference, authors submitted full-length papers that incorporated the feedback received during their sessions. Of the 52 papers presented, 32 were accepted for publication and are compiled in the present volume, arranged by thematic track. The Organizing Committee thanks the Chief Guest, the Special Guest, the keynote speaker, all authors, session chairs, reviewers, volunteers and the campus administration for their contributions to the success of NCET 2026.

NCET 2026 Organizing Committee

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