

## Editorial Message

With great pride and pleasure, we present Volume-2, Issue-1 of the Journal of Himalaya College of Engineering (JHCOE). This Issue represents the successful continuation of a remarkable breakthrough achieved in 2022 for the 1st Himalaya International Conference, followed by the inaugural publication of JHCOE Volume-1, Issue-1 with ISSN 2961-1954 (Print), and 2961-1961 (online). These milestones were made possible through extraordinary perseverance, strong dedication, and the collective effort to overcome numerous challenges. The current volume after a pause due to COVID-19 represents a significant milestone by reflecting the institution's status in research, innovation and knowledge dissemination. I believe that these achievements have laid a strong foundation in the research and innovation sector, fostering academic excellence of Himalaya College of Engineering and beyond.

JHCOE is a peer-reviewed journal, and this edition includes thirteen rigorously reviewed research articles from multi-sectoral engineering disciplines like Civil, Computer & Electronics, Architecture, Environment and Information Technology. Each manuscript has undergone extensive revisions in response to constructive and insightful feedback provided by our valuable reviewers ensuring high level of write-up standards. The objective of publishing the institution's own journal is to encourage faculty members and student researchers to explore, develop, and showcase their innovative research capabilities, while contributing meaningfully to their respective fields. In the long run, as JHCOE establishes itself as a reputed journal with a strong impact factor, it will also reduce the challenges associated with publishing in external journals.

This journal stands as a collective achievement of Authors, Reviewers, Editors, Advisors and Managerial team. On behalf of the editorial board, I extend heartfelt thanks to the authors who applied countless efforts for their research work, manuscript preparation and important research outcome delivery. Likewise, my heartfelt gratitude goes to the reviewers for their critical evaluations and continuous effort in bringing the manuscripts to this high standard. Also, I express my sincere thanks to the advisory and managerial team as well as to all contributors and supporters, for their valuable insights and steady support, which ensured the successful publication of this volume. Finally, I confirm our commitment to the regular publication of future volumes, ensuring consistent quality and academic excellence.

Dr. Er. Shanti Kala Subedi  
Chief Editor