

Journal Information

Aims and Objectives

Nobody can think of the twenty-first century university education devoid of research & publication activities. "Journal of Himalaya College of Engineering" (JHCOE) is the official journal of "Himalaya College of Engineering" (HCOE). The primary aim of this journal is to promote academic research activities among HCOE faculties and students by publishing peer-reviewed scientific research articles based on the research outcomes and establish a culture of scientific research and publication at HCOE. Research articles from other higher academic institutions and professionals inside and outside Nepal are also highly welcome for publication in this journal.

Area and Scope

The Journal of Himalaya College of Engineering primarily focuses on engineering, information technology, architecture, applied science and social sciences disciplines for publication research articles, but not limited to them. Scientific articles from other disciplines are also highly encouraged for publication in the journal.

Publication Language

The official language of the journal is "English". All the articles and their contents (texts, figures, tables, references etc.) in the given formats are accepted only in the standard US English language.

Peer Review Process

Manuscripts prepared according to the authors' guidelines and submitted to the journal are first screened by the editorial team. The authors may be requested to resubmit the manuscripts in the given formats if the submitted manuscripts are not prepared according to the given guidelines or may be rejected if the manuscripts do not meet the minimum quality criteria in terms of the contents. After the editorial screening, each manuscript without the author's information on it is assigned to at least one peer reviewer for blind review. The authors are then notified of the reviewers' feedback and requested to submit revised manuscripts within a deadline. The revised manuscripts are again assigned to relevant editors for verification of the revisions, and the authors are finally notified of the final decisions on the manuscripts.

Publisher

The Himalaya College of Engineering, Chyasal, Lalitpur, Nepal is the publisher of this journal.

Publication Frequency

Normally, a single volume of the journal is published by December of each year. The second issue of the volume is also published provided the accepted number of articles is sufficient for the publication.

Indexing

The “Journal of Himalaya College of Engineering” (JHCOE) is indexed in “Nepal Journal Online” (NepJOL) for wide dissemination of the journal contents.

Accessibility

The articles published in the journal are free to access and download as per the “Open Access” policy.

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Official Website

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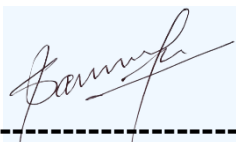
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Editorial Message

It is with immense pleasure, pride, and a profound sense of responsibility that we present Volume-3, Issue-1 of the Journal of Himalaya College of Engineering (JHCOE). The first volume marked a significant breakthrough, born of dedication, hard work, and determination. The second volume reaffirmed that commitment after a brief pause, while the third volume, now progressing in relatively close succession, reflects renewed momentum and a strong commitment to continuity. Together, these three volumes represent a journey of perseverance: from taking the first step, to sustaining the endeavor, and now moving forward with greater confidence and purpose. More importantly, this journey contributes to the strengthening of the academic and research culture of Himalaya College of Engineering (HCOE), with each volume providing a foundation for the many more that lie ahead.

JHCOE is fundamentally a student-focused, multidisciplinary academic journal that provides students with a platform to transform their academic projects, ideas, investigations, innovations, and scholarly inquiries into meaningful research contributions. At the same time, the journal welcomes scholarly contributions from academicians, professionals, and researchers at the national and international levels, thereby fostering academic exchange and collaboration within Nepal and beyond. Contributions from various departments of HCOE and diverse thematic areas bring together multiple disciplines, perspectives, technologies, and approaches to inquiry, giving the journal its distinctive multidisciplinary character. Every effort has been made to uphold the academic quality, editorial standards, and integrity of this volume and to minimize errors. Nevertheless, constructive feedback and scholarly suggestions from readers, authors, reviewers, and the wider academic community will be invaluable in further improving the quality and relevance of forthcoming issues.

Finally, I extend my sincere and heartfelt gratitude to all authors, student contributors, national and international researchers, reviewers, editorial board members, faculty members, readers, and institutional leadership whose dedication, encouragement, and support have made this volume possible. Their collective contribution is central to the continued development of JHCOE and to the growth of a vibrant research culture at HCOE. May this shared endeavor continue to flourish as an enduring scholarly legacy of Himalaya College of Engineering, inspiring students and researchers to explore, question, innovate, share knowledge, and contribute meaningfully to society. May JHCOE continue to grow in quality, reach, and impact, and become a sustained platform for scholarly communication and academic excellence.



Dr. Shanti Kala Subedi
Chief Editor

Reviewers of JHCOE, Volume-3, Issue-1

The "Journal of Himalaya College of Engineering" (JHCOE) under the supervision of "Research Management Cell" (RMC) at "Himalaya College of Engineering" (HCOE) deeply acknowledges the valuable contributions of the following reviewers in peer-reviews of manuscripts submitted to this volume.

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