

Foreword

While arriving at my fourth-term of chairmanship in the Board of Directors, I am very much delighted to express that sum of our small but continued engagements have started showing results; an example of which, could be the beginning of publishing academic journal for international readership. I hope we can take forward this success by striving further for maintaining academic and research environment at NPI. This first volume encompasses research results representing three major academic streams of NPI, namely, agriculture, veterinary science, and engineering disciplines. The efforts we have put in publishing this journal gave us a realization that makes us grow both professionally and personally and thus helped us know our true potentials. I believe that NPI will continue publishing this academic journal without any interruption.



Chairman

Dr. Keshav Raj Adhikari –Professor of Soil Science and Executive Academic Director and Principal, shouldered the responsibility of Editor-In-Chief of this Journal. I would like to thank him for his devotion to the academic and research development at NPI and appreciate very much for his intellectual contribution to this journal. I would also like to show deep appreciation to other members in the editorial board including Dipak Dhakal –Vice Principal, Dr. Deepak Tiwari, Dr. Nagendra Subedi, Surendra Osti, Dr. Shakutala Marattha, and Er. Khimananda Subedi who worked hard in this process. Likewise, I express my profound gratitude to Dr. Egendra Shrestha - Director and Surendra Osti -Deputy Director, Research and Outreach Division of NPI for leading the research team for planning, supervising personnel and operations.

With the last words, I am thankful to Er. Baburam Upadhyay -Managing Director of NPI for his capable leadership for encouraging faculties and staff for such noble work;, and Shiva Prasad Subedi –Head of Administration in the Agriculture and Veterinary stream at Bhojad, for smooth delivery of overall managerial and administrative tasks for its publication. One special mention to NPI is for its enhanced capacity to bring faculties and graduating students for recognition of the value that publishing a research journal serves a gateway for institutional integrity and brings shine to professionalism in ones life. To make our work visible and enhance institutional credibility, I believe that NPI will emphasize more on collaborative research with government and other institutions in the future.