

Message from the Patron

It gives me great pleasure to welcome you to this special issue of the *Journal of Geointerface*, which brings together selected research and review papers presented at the **National Conference on Molecular and Geological Perspectives of Biodiversity (NCMGPB -2025)**. This special issue reflects the conference's commitment to promoting quality research and advancing knowledge in the fields of molecular biology, geology, and biodiversity.

Biodiversity is closely connected with the Earth's geological history. The study of rocks, landforms, and natural processes helps us to understand how life has evolved over time. At the same time, molecular science reveals the genetic basis of life. Bringing these two fields together helps us to gain a deeper understanding of biodiversity and its conservation.

The research published in this special issue reflects the importance of this interdisciplinary approach. The papers show how geological processes influence ecosystems, species diversity, and evolution. Such studies are especially valuable as we work to protect biodiversity in the face of changing environmental conditions.

I sincerely appreciate Prof. Banabehari Mishra, Chief Patron and Managing Editor, Prof.A.P.Pradeepkumar, Editor-in-Chief, Journal of Geointerface ; the organizing committee, the editorial board of NCMGPB-2025 , and all the reviewers for their dedicated efforts in bringing out this publication. I also congratulate all the researchers, academicians, and scientists whose valuable contributions have made this special issue possible.

I hope this publication encourages further research, strengthens collaboration between earth and life scientists, and contributes to the conservation and sustainable management of biodiversity.

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