



## **Editorial**

This issue of *Mapana – Journal of Sciences* is devoted to research articles from Physical Sciences. The articles published in this issue are related to different areas of physical sciences. The first article “Effective Atomic Number and Kerma for Photon Energy Absorption of Organic Scintillators” is useful in various fields of radiation application and radiation protection such as nuclear, medical physics, space physics. The second article “Comparative Study of Shallow Solar Ponds with Different Depths”, where authors have tried to understand the performance of shallow ponds with various depths. The two subsequent articles on solar system and solar physics deal with orbits of minor bodies of the solar system and various aspects of sun. There are two articles related to atmospheric science. The first one deal with an improved technique for retrieval of temperature and humidity from neutral atmospheric refractivity profiles while the second is an overview of the applications of IRS and INSAT data. The last article throws light on the possible effects of solvent in 2, 5-DPAPMC Dye. All the articles were peer reviewed by experts in the respective fields and accepted for publication after incorporation of the suggestions made by the experts. We thank all the authors for their valuable contributions. We also take this opportunity to thank all the reviewers for spending their precious time in reviewing the articles and giving valuable suggestions. We expect the cooperation and expert guidance of all the researchers for further improvement of the quality of the Journal in the coming years. We have been continually striving to meet the global standards for journal publication.

**S B Gudennavar**  
Issue Editor

