

## Editorial

Any article in science has elements of Mathematics in varied degrees. Any journal of science, of course, can expect a good number of articles in Mathematics. *Mapana* Journal of Sciences has this issue dedicated for Mathematics. To be very specific, this issue carries articles from the domain of Graph Theory. The articles of this issue are the ones selected from the IV National Conference on Emerging Trends in Graph Theory conducted by the Department of Mathematics, Christ University during 15 and 16, February, 2013. Articles for publication are selected after due process of reviewing and originality check. Close to one fourth of the total articles presented at the conference are only selected for publication.

Among the six articles in this issue, two are on graph valued functions, two are on graph labelling, and the others are on matching and distance. Patil *et al.* have two articles on graph valued functions. In the first article co-authored with Pranavan, Patil enlists conditions for the minimal non-outerplanarity of the generalized middle graphs and the generalized total graphs. In the second article of Patil co-authored with Pandiya Raj, the isomorphism of Mycielski Graphs with that of line graphs, complement of line graphs, middle graphs and complement of middle graphs is illustrated.

Gerard describes the sum labelling of split graphs and identifies some graphs with sum number 1 and 2. Sampathkumar *et al.* focus on contra harmonic mean labelling of paths, cycles and edge disjoint union of some complete graphs.

A study on Wiener polynomial for Steiner n-distance of prism graphs, corona graphs and complement graphs is presented by Mary *et al.* Sufficiency for conditional matching preclusion number 2 is analysed in the study by Xavier *et al*

My most sincere thanks to all the reviewers. I remember with deep sentiments Prof. B.D. Acharya, who was an 'acharya' in the true sense to a very large subset of graph theorists in India. His sudden demise while hosting the ADMA conference in Dharward, on 18 June 2013, has left a huge void in the Mathematics research in

India. Thank you Prof Acharya, for your inspiring, humble and enviously dynamic presence amongst us. May you continue to guide us from wherever you are.

Fr Joseph Varghese  
Issue Editor