Message from the Chief Editor

A journal of sciences has been our dream along with two others of the like in Social Sciences and Business Management. Thoughts, research studies and pedagogy and pedagogic experiments transform a lot before they get written or printed. To live the mission of education our methods and means of communication must improve.

To provide, the much needed wing for our thought and our action in the field of education, especially in pure sciences, Mapana' is a modest and humble attempt of Christ College in the form of a journal. Teachers, researchers and enterprising students who have a flair for research and writing, who really want to share their research, experiments, productive ideas have a mouthpiece in and through Mapana'. Without claiming to stay in the ivory tower of intangible and exclusive heights, Mapana' wants to bring the Science to our living rooms as a friendly companion.

I do hope and wish 'Mapana' will be received by all of our readers with enthusiasm and excitement. We do hope and wish 'Mapana' will fulfil the need for a Journal with a large readership and an array of resourceful contributors.

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Fr. Sebastian Thekkedathu CMI Principal and Chief Editor