

Editorial

Special issue on “Graph Theory”

It was a great pleasure for me when *Professor Madhumangal Pal* the Editor-In-Chief of the journal *Annals of Pure and Applied Mathematics* invited me to be the guest editor for the special issue “*Graph Theory*” which is dedicated to the memory of Dr. Belmannu Devadas Acharya (1947-2013), who made substantial contributions towards the development of Discrete Mathematics in India by providing financial support for organizing national and international conferences, group discussions on specific topics and supporting research proposals while he was in the Department of Science and Technology (DST), Govt. of India, New Delhi from 20th November 1985 till his retirement on 30th September 2007. During his stay at DST, despite his heavy official preoccupation he published more than 120 research papers, wrote three monographs and edited four Proceedings of national and international level conferences/ workshops / seminars / group discussions brought out by internationally reputed publishers.

A man is only truly died if the values he cherished and lived for not followed by others after he has physically left. No better tribute can be given to Dr. B. D. Acharya than to work sincerely and honestly for the growth of discrete mathematics and graph theory in particular and for the values which he always preached, inspired, practiced, relished and cherished.

The present issue of *Annals of Pure and Applied Mathematics* contains three papers namely on *intersection graphs, fuzzy graph theory and set valuations of graphs and their applications* which are survey articles and cite a lot of literature mainly meant for encouragement of budding researchers in the field of graph theory which has lot of applications in other fields of human inquiry. Hope this issue helps to the beginners to start their research work in any one these three areas.

Professor Mukti Acharya

Head Department of Applied Mathematics
Delhi Technological University
Delhi – 110042, India