

### **Ketaki Chakravarty (1949-**

Born on 1<sup>st</sup> August, 1949, Ketaki Chakravarty (nee Mukherjee) done her Schooling and College up to Graduation in Bethune College, Calcutta, . B. Sc from Bethune College, Calcutta University, in 1969, M. Sc (Biochemistry) from Calcutta University in 1971, M. Phil from Delhi University, B. Ed (Chemistry) – Annamalai University in 1991, . PhD from Delhi University on “Activity and Stability of alfa Penicillinase in Aqueous and in Reverse Micellar Mediated Systems” in 1994. She Carried out Research at Indian Association for the Cultivation of Science (IACS), Calcutta before moving to Bombay. Later at Delhi University, part of the work done at All India Institute of Medical Science (AIIMS) -with Taxol, a nano encapsulated Cancer drug which is water soluble and leads to affordable drug cost as well as lower drug requirement. She is the Member of New York Academy of Sciences, Fellow of Indian Chemical Society (FICS ) and obtained Diploma in Computer Software & Data Processing in 1988. She has the following Publications at her credit: (i)Activity and stability studies of ultrafine nanoencapsulated catalase and penicillinase. - Colloid Polym Sci. 273, 464 – 472 (1995),(ii) Activity and stability of Bacillus cereus penicillinase entrapped in aerosol OT reverse micelles. – Indian Journal of Biochemistry & Biophysics, Vol. 32, April 1995, pp. 100 -105..

After marriage moved over to Bombay, Meerut and then to New Delhi. Travelled widely in the country and internationally Apart from Academics, she is also engaged in different types of social activities. She organised Durga Puja and related activities in remote place -Modipuram ( near Meerut ) more than 4 decades back to bring all communities together, during my stay in Modipuram where my husband was Technical Chief of largest Tyre company in the country; actively involved in Women's organization, Mitali and Aparajita in South Delhi for more than 2 decades for helping needy women, education of slum children, Blind Association etc., organised Fair to raise fund for Spastic children, needy Widows, students from Raisina Bengali School - adopted 10 children to meet their study expenses up to 12th standard.