

Felicitating Life time commendable
Contribution of **Prof.C.R.Shanmugham**,
Programme Officer, DHAN Foundation
to Tank Irrigation Sector



Prof.C.R.Shanmugham



Prof. C.R. Shanmugham : A brief Profile

Prof. C.R. Shanmugham, an octogenarian hailing from Kanchipuram is one of the eminent engineers of Tamilnadu who strived for sustainable agriculture through Agricultural Engineering technologies in Tamil Nadu. Soil and Water Conservation has remained as his area of specialization and he showed life time commitment to excel in the field. After his graduation in Civil Engineering from the College of Engineering, Guindy of Madras University during 1942, he pursued his higher studies at University of Saskatchewan, Canada to get his Master of Agricultural Engineering degree, during 1961.

The Professor started his career in the Department of Agriculture and Agricultural Engineering after his graduation and later from implementation to academics in College of Agriculture Engineering of Tamil Nadu Agricultural University and climbed up the ladder to the position of Dean. He authored the books on "Soil erosion, its prevention and control", "Soil Conservation Engineering", "Water Measurement", "Tanks - A Practitioners Manual" and monograph on "Farm Implements and machinery research in India". Even till date, these books are very popular and widely used by development planners and practitioners. He has written "Technical Hand book on the Soil conservation" for Government of Tamilnadu during the year 1972 and got appreciation from all over the country. He is also the co-author of the recent technical publication titled on "Technology of Tanks".

After his retirement from the academic services, his quest for pursuing his interest in research as well as implementation did not stop. He continued his pursuit of research with Centre for Water Resources, Anna University Chennai. He was instrumental for initiating the Action Research Programme on Irrigating Tanks early 80's. His action research in tank development, which he had undertaken in collaboration with Prof. R. Sakthivadivel, then Director successfully led to the formulation of Special Projects for the development of tanks by the Government of Tamil Nadu and implemented in Tamil nadu.

His commitment to the field made him to get into consultancy on Irrigation Water Management to a number of national and international

organizations like ICAR, WAPCOS, IWMI, Colombo, DANIDA etc. From there, Prof. C.R. Shanmugham continued his development works in the advisory role with DHAN Foundation and helped the tank Programme to grow leaps and bounds. He had also served as Hydrology Specialist to European Union Funded Tank Rehabilitation Project, Pondicherry from 1998 till 2002. He has more than 43 years of field, academic and research experience in Tank Irrigation Sector.

By serving with DHAN Foundation, he participated and presented many papers in national and International level workshops / seminars and his participation in Policy Consultation of National Water Policy of Government of India during 2002 and also Climate Changes and their Impact during Kyoto Protocol formulation in Japan are worth mentioning. He also presented Poster on his grassroots experience on Ecosystem based Watershed Approach during World Water Week in Stockholm, Sweden.

His impeccable services have been honoured by Indian Society of Agricultural Engineers by giving best workers' award for his outstanding contribution to the field of soil and water conservation and awarded fellowship of Indian Society of Agricultural Engineers during 1994. He was also awarded with gold medal for his meritorious contribution to the field of Soil and Water Conservation by the Soil Conservation Society of India.

Prof. C.R. Shanmugham is an engineer transformed into development scientist with his continued interest to learn new concepts and theories, working with community and guiding them to implement high quality development works. He is a Water Leader par excellence.

On this Tenth Foundation Day of DHAN Foundation, we all the DHANITES, Board of Trustees, Well Wishers, Guests humbled by his hard work, sincerity and life time commitment as well as his meritorious service to tank irrigation sector. For DHANites, Prof. C.R. Shanmugham remained always as a role model, guide and Philosopher. With the sense of deep gratitude and honour we felicitate him for his life time achievement on this very important occasion.