

Dr. MS Valiathan



(May 24, 1934 - 17th July 2024)

Dr. MS Valiathan, FNAE, National Research Professor, Manipal University, Manipal; Founder Director, Sree Chitra Tirunal Institute for Medical Sciences & Technology (SCTIMST), Trivandrum and formerly VC, Manipal Academy of Higher Education, born on May 24, 1934 passed away on 17th July 2024. Dr Valiathan was affiliated to Engineering Section – X (Interdisciplinary and Special Engineering Fields and Leadership in Academic Institutions, R&D and Industry) and elected to INAE Fellowship in the year 1987.

Dr Valiathan had made outstanding contributions as a renowned cardiac surgeon and in the field of Prosthetic Materials. His significant contributions to laying the foundation for the nation's Indigenous medical technology development are well recognized. He was responsible for the Indigenous development of the first-ever mechanical heart valve prosthesis of the nation, the TTK-Chitra valve - a product that took 12 years to develop and he and his team implanted the first valve at SCTIMST in 1990. The Chitra Heart Valve Prosthesis stands as a true testament to an Indigenous, resource-intensive and cost-effective biomedical device in the nation. The low-cost, fully-indigenous mechanical valve has since been a life-saver for millions of poor in India who suffered heart valve damage at a young age due to rheumatic heart disease. Dr Valiathan received the Padma Bhushan in 1990 and Padma Vibhushan in 2005 from President of India.

May God bless his soul to Rest in Peace