

VITAE

A. ARULCHAKKARVARTHI was born on 24th Nov 1975, in Vadapalani village near Archalur Town, Erode District, Tamil Nadu, India in an agricultural family. He received his Bachelor of Science degree in Physics through Erode Arts College, from Bharathiar University, Coimbatore in the year 1996. He got his Master of Science Degree in Physics through Chikkaiah Naicker College, Erode from Bharathiar University, Coimbatore in the year 1998. He got his Bachelor of Education Degree in Physical Sciences through Sri Ramakrishna Mission Vidyalaya College of Education Coimbatore in Bharathiar University in the year 1999.

He joined Crystal Growth Centre, Anna University as Junior Research Fellow on 26.08.99 in the DAE-NLP project "Growth of Laser and Non Linear Crystals". After that he worked as Research Assistant under CGC-UGC Anna University Facility in Crystal Growth Centre Anna University from 1st December 1999 for one year. He registered for his Ph.D degree in January 2000 under the guidance of Dr.P. Santhanaraghavan. To his credit he has published 17 international Journal papers and has communicated more than 7 papers to international journals. He was awarded Senior Research Fellowship by CSIR, Government of India in the year 2002 July for the period of three years. He is life member of Indian Association for Crystal Growth.

His current field of interest is growth of organic molecular crystals and their characterization, which are used for radiation detection and non-linear optical applications. He has involved in the growth and characterization of oxide, alkali halide and organic nonlinear optical materials by Czochralski, Bridgman and Solution methods. His characterization field of interest is using of nuclear tools to study the fundamental scintillation aspect of crystals and positron studies on these materials.