

COVER LETTER of Dr. C. K. MAHADEVAN

I, Dr. MAHADEVAN Chelliah Kamalakshiammal (Born on July 25, 1958), am hailing from Nagercoil, Tamil Nadu, India and have acquired my B.Sc. (1978, Madurai Kamaraj University), M.Sc. (1980, University of Madras), Ph.D. (1984, I.I.T. Madras) and D.Sc. (2002, Madurai Kamaraj University) degrees in Physics. After serving for some time in different places in India and USA, I had my (major) service in S. T. Hindu College, Nagercoil for more than 26 years and got retired. Currently, I am a Professor of Physics at PSN College of Engineering and Technology (Autonomous), Tirunelveli. I have 31 years teaching experience (taught B.Sc., M.Sc., M.Phil. and Ph.D. Students) and 36 years research experience [Guided 2 Research Associates and (more than) 40 Ph.D., and 115 M.Phil. Scholars; Aailed 10 Externally Funded Projects (from TNSCST, UGC, CSIR, DST and DRDO); Organized 11 Regional/National Seminars/Conferences; Published 1 Review Article and 226 Research Papers in International Journals; Published 138 Articles in Proceedings and other journals; Published 1 Book Chapter, 4 Text Books and 7 other Books; and Presented 591 Papers (mostly through Ph.D. Scholars) and 74 Invited/Keynote Talks/Addresses in Conferences]. My major research area is Solid State Materials [Preparation and characterization of new and hybrid (doped/mixed) crystalline and nanostructured materials to explore potential applications]. I am a winner of several coveted awards and honours for my teaching, research and related activities.

It should be noted that, although the major part of my previous service is in a Tamil Nadu State Government aided College (with UGC scale of pay), my previous service can be considered as equivalent to that of an IIT or IISER Professor in India or an Equivalent in abroad considering my higher academic qualification and my excellent academic and research contributions along with the honours and awards I have already received. I sincerely hope that, along with teaching high calibre students, I will be able to contribute a lot in research which will help the Institution to grow.

I sincerely hope that I am a fit candidate for the position which can be understood by the following: Higher educational qualification (Ph.D. and D.Sc. degree holder); Keen interest in research, teaching and administration; Good command of oral and written English and Tamil languages; Experience in writing technical reports and project proposals; An independent, resourceful and self-motivated personality; Experience in growing and characterizing single crystals; Experience in preparing and characterizing nanostructured materials; Experience in research guiding at M.Phil., Ph.D. and Postdoctoral levels; Experience in teaching both undergraduate and postgraduate courses; Experience in coordinating research projects and academic courses; Experience in organizing national conferences and other meetings; Experience in chairing sessions in national and international conferences; Experience in curriculum development and student counseling; Recipient of several coveted awards; Inspiring teacher, eminent researcher, capable administrator and a good leader; etc.