

Dr. M. Anbu Kulandainathan
Principal Scientist, CSIR-CECRI



Brief Bio-Data

Born on 05th May 1964, Dr. M. Anbu Kulandainathan has received his doctorate degree in 1992 from Alagappa University, Karaikudi. He was a CSIR-UGC NET qualified fellowship holder for his Ph. D programme and he has in September 1998 been appointed as a Scientist at the CSIR-Central Electrochemical Research Institute, Karaikudi and elevated to the present position of Principal Scientist in 2010. He had his graduation and post graduation at Loyola College, Chennai. Dr. Anbu was a Post Doctoral Fellow at University of Barcelona, Spain.

General research interests are centred on the development of novel electrochemical technologies including electrochemical dyeing without any effluent, Metal-Organic Frameworks for application in Carbon dioxide sequestration and batteries, bio-electrochemical processes in textiles and nano electrochemistry, paired and self-supported organic syntheses, and industrially relevant electrode reactions. His recent work on Carbon dioxide to Carbon nano-fibre has attracted much attention.

Dr. Anbu has published more than 80 publications in International peer reviewed journals and 16 patents, which includes ACS Applied Materials and Interfaces, J. Materials Chemistry A, J. Physical Chemistry C, J. Biomedical Nanotechnology etc. In 2006 Anbu was awarded the Visiting Scientist by the Chemistry Division of the RSC, UK to University of Bath, UK. He has also received two international collaborative projects one by RSC, UK and another one by UKEIRI, India. Apart from, he has also completed two DST projects and three industrial consultancy projects successfully. He has visited Spain, UK and Malaysia.

Currently he has five on-going projects in hand and also responsible for converting CSIR-CECRI to computer based e-organisation as ERP-Champion. He is also a member of various committees in CSIR-CECRI for looking after various

programmes. Dr. Anbu is also reviewing papers for various journals which include ACS, RSC, Wiley and Elsevier Publishers.

Dr. Anbu Kulandainathan is currently doing research on environmentally important GLOBAL WARMING (Climate Change) Project. i.e., **Converting Green House Gas (Carbon dioxide) to Fuels and Acids**. The above project is sponsored by Private Industries.

In recognition of the outstanding research work done by **Dr. M. Anbu Kulandainathan** in the field of Chemical Sciences, The Tamil Nadu State Council for Science and Technology is privileged to confer on him, the **Tamil Nadu Scientist Award (TANSA) in Chemical Sciences** for the year 2013.