

Prof. R. Jayavel

Name : R. Jayavel
Current Affiliation : Emeritus Professor, Anna University
Ph.D. : Anna University (1995).

Post-Doctoral Research : National Institute of Materials Science, Japan.

Visiting Professor: Research Institute of Electronics, Shizuoka University, Japan,
University of Gottingen, Germany,
University of Queensland, Australia, University of South Australia
and University of New Castle, Australia.

Research Interests :

- Synthesis and characterization of Bulk Nanomaterials
- Nanocrystalline Thin Films for Sensor Applications
- Hybrid Nanostructures for Energy and Environmental Applications
- Development of functional Nanostructures for thermoelectric applications

Total publications - 540, h-Index – 67, Scitations – > 16,000, Patents – 2,

Brief CV

Prof. R. Jayavel is having **35** years of research experience in Materials Science and Nanotechnology and **30** years of teaching experience. He has held various administrative positions such as Dean-Alagappa College of Technology, Director-Centre for Nanoscience and Technology, Director-Research and Director-Centre for International Affairs at Anna University. He has published over 540 research papers in International peer reviewed journals. Dr. Jayavel is an internationally acclaimed researcher with h-index of 67, i-10 index of 345 and over 16,600 citations. He is having two Patents on Quantum dot sensitized solar cells and Eco-friendly nano packaging material. He has been designated as “Highly Cited Author” by Royal Society of Chemistry, UK. He has been listed in the World’s Top 2 % Scientists published in the Stanford/Elsevier’s Scientists data repository.

Prof. Jayavel was a Visiting Professor at the Research Institute of Electronics, Shizuoka University, Japan, University of Gottingen, Germany, University of Queensland, Australia, University of South Australia and University of New Castle, Australia. So far 48 researchers have obtained their Ph.D. Degree under the guidance of Dr. Jayavel. He has investigated several sponsored research projects worth Rs.12.50 crore. He has done the consultancy services to industries worth Rs. 16 lakh. He has edited a book on “Advanced Materials for Optoelectronics” and authored a book on “Electrochemical Characteristics of Nanomaterials”. He is serving as Managing Editor of Journal “NANO”, World Scientific Publishers.

Prof. Jayavel is a recipient of several awards and recognitions, namely, President, Indian Science and Technology Association, Fellow of Tamil Nadu Academy of Sciences, Fellow of Society for Advancement of Electrochemical Science and Technology, STA Fellowship-Japan, DAAD Fellowship-Germany, Active Researcher Award-Anna University, Tamil Nadu Scientist Award, ISPA-Life Time Achievement Award, MRSI Medal, LEAP Fellowship-Ministry of Education, Govt. of India, Senior Scientist Award-Academy of Sciences Chennai, UGC-Mid Career Award and Research Excellence Award-Anna University. He was a Member of UNESCO Chair in Materials and Technologies for Energy Conversion, Saving and Storage.