

## Profile

Dr. K. B. Jayanthi has more than 30 years of teaching experience. She graduated in the discipline of Electronics and Communication Engineering from Government College of Engineering, Salem in 1994. She completed her post-graduation in Applied Electronics in Government College of Technology in 1999. She received her Ph.D. from Anna University Chennai in 2008. Her research area is Medical Image Processing. She has to her credit a number of papers published in peer reviewed International Journals like Elsevier, Springer, IET, Wiley, Actapress etc.



She has presented papers in a number of International and National Conferences. She has presented papers in the 41st Annual International Conference of the IEEE EMBS, Berlin, Germany, 23-27 July, 2019, IEEE Region 10 Annual Conference (TENCON) in Penang, Malaysia during Nov.5-8,2017, 3rd IEEE Global conference on Signal and Information Processing during December 14-16, 2015 in Florida; 34th annual IEEE EMBS conference in San Diego during August 2012 and in the Sixth International Conference on Information Technology: New Generations in Las Vegas, US in April 2009. All these trips were sponsored various funding agencies like DST, DBT, UGC.

She was the invited speaker for the track 'Signal and Image Processing in IEEE TENCON 2017' held in She has chaired the session on Signal Processing in TENCON 2022 held in Hongkong during Nov.1-4, 2022 and the session 'Computer, Information Technology and Application' in the 4th International conference on Frontiers in Signal Processing, 24- 27 September, 2018, Poitiers, France. She has completed three projects on Healthcare in Imaging and AI Technology as Principal Investigator. And one project on Precision Agriculture as Co-investigator. The projects are funded by AICTE, UGC and DBT. The total cost of the projects is to the tune of 50 lakhs. Currently she has a project on AI based healthcare support for cancer patients. This project is funded to the tune of 40 lakhs by SERB for a duration of 3years.

She has received MODROBS funding to the tune of 8 lakhs from AICTE as head of the department for modernizing the VLSI laboratory with State of Art equipment. She has conducted staff development programs which are funded by organizations like AICTE & Department of Biotechnology. She has organised a number of conferences, workshops and seminars. She has received funding to the tune of 40 lakhs from various funding agencies like AICTE, DBT, DST, MOES, SERB and UGC for organizing such programs. She has attended the 'Women in Engineering: International leadership conference' on 'LEAD BEYOND' in May 2014 in San Francisco in US. She is currently the Chair of IEEE EMB Society of Madras section and faculty advisor of IEEE EMBS and IEEE WIE affinity group of the institution. She represented the college to receive the Best New Student Chapter Award from IEEE EMB society in the 39th Annual International Conference of EMBS held in Jeju islands, South Korea on 12th July 2017.