



**Dr. C.T. Kamala**

**Smt. Manthripragada Sita Devi - Sri Rama Rao Medal**

A post-graduate in Environmental Sciences and Technology from JNTU in the year 2000. One among the few selected students sent to Indian Institute of Chemical Technology (IICT), Hyderabad for a 6 months dissertation work on Biosorption of Heavy metals using low-cost plant biomass. The research findings were presented in a National Seminar at Tirupati. With a zeal to continue research in the same field, it was further continued for a Ph D work with the topic “low cost biomaterials for removal of metals from waters and application of phytotechnologies for soils” funded by Council of Scientific and Industrial Research (CSIR) as Senior Research Fellowship. The doctoral degree was awarded by JNTUH in August 2005 and she has 18 National and international conference contributions and 18 National and International publications in high impact factor journals in varied research fields.

A decade back interest in trace and ultra trace metal analysis, toxicity and pathway study of PGE was taken up initially funded by CSIR as Research Associate-ship program. As a research associate presented in 6 conferences and published 4 research articles. The research being very infant in India, it was encouraged to take up a systematic approach in Hyderabad City on risk assessment due to Platinum Group Elements (PGE) and it's fate in the environment by Department of Science and Technology (DST) in the form of fast track Young Scientist scheme in November 2013. The research outcome was presented in National seminars conducted by APAS and ISAG. The research was also published in Journal of Applied Geochemistry and “Archives of Environmental Contamination Toxicology”, and the same results were highlighted in an article published in Hindu on June 5<sup>th</sup> 2016. The research work is completed and presently appointed as scientist at Analytical laboratory of EPTRI.

EPTRI being an autonomous state Government research institute supports Pollution control Board for all the third party Evaluations of the regulatory activities of TSPCB. EPTRI being a referral lab by CPCB involved in analytical support in legal samples. Presently Heading the Chemical and Biological Laboratories at EPTRI. The Research studies carried out till now are in the fields of water quality status of various lakes in Hyderabad, Identification of odour causing pollutants in the Industrial Development areas of Hyderabad, Post-project environmental monitoring at 10 mining sites of Singareni collieries company Limited (SCCL) and other consultancy services .