



Puppala Vijaya Kumar

- Dr. P. Vijaya Kumar served ICAR for more than 35 years from his date of joining in Central Research Institute for Dryland Agriculture (CRIDA) as Scientist(Agricultural Meteorology) in the year 1984(December) till his superannuation in 2020(March).Before joining ICAR, he worked at two prestigious research institutes, Indian Institute of science(IISC) as project Assistant for 16 months and as research scholar for Ph.D at IIT, Delhi for 10 months. He served two Research Institutions of ICAR, namely ICAR-CRIDA, Hyderabad and ICAR-IIFSR, Modipuram in the discipline of Agricultural Meteorology. He has obtained his Master's Degree in Meteorology and Ph.D. in Agricultural Meteorology from Andhra University, Vishakapatnam. He was Project Coordinator (Agrometeorology) of All India Coordinated Research Project on Agrometeorology (AICRPAM) located at ICAR-CRIDA, Hyderabad from 1 August 2016 to 31 March 2020. He was Principal Investigator of four externally funded projects viz., (i) Developing Decision Support System for Major Crops through Long –term Agroclimatic Data Analysis (A.P. Cess Fund Project),(ii) Development of strategies for improved Agromet advisories at micro level and their dissemination (NICRA funded), (iii) Innovative and contextual agromet advisory services for climate smart agriculture (funded by Monsoon Mission II, Ministry of Earth Sciences), and (iv) Developing weather indices based insurance modules for selected crops(NICRA funded). Under the Training and Research in Italian Laboratories (TRIL) fellowship Program, he visited Italy for one year (1 June 2000 to 31 May 2021) and worked on climate change related aspects. He also visited Bangladesh and Sri Lanka for attending four training workshops conducted by SAARC-Australia project for improving APSIM modelling skills. His contribution to Agrometeorology was recognized and was awarded Fellow of “Association of Agrometeorologists” in 2016. He possesses "Life Membership" in four scientific societies and was Executive Member of Indian Meteorological Society (Hyderabad Chapter) & Chairman of Society of Agrometeorology (Hyderabad Chapter). In his long research career he has executed 35 research projects (13 externally funded,20 Institute funded and 2 consultancy projects) either as PI or co-PI and published 70 research papers (25 International; 45 National); 52 Conference papers (17 International; 35 National); 71 Book chapters/Technical bulletins, 2 Books, 30 Edited books/Reports), guided 1 Ph. D (As committee member)., 3 M.Sc. students and served as

external examiner of 4 Universities. He and his team developed various softwares, concepts and methodologies viz., Drought Indices, Monitoring of Agricultural Drought, Characterization of drought prone areas, prediction model for leaf rust in wheat, Indices for weather-based crop insurance, dynamic crop weather calendar etc. He acted as Chairman/Member in many scientific, evaluation and recruitment committees of ICAR, SAUs, IMD, NRSC, state and national level and Editor of 3 journals and reviewer of 10 International and 7 National Journals. Felicitated by Honourable minister for Earth and Environmental sciences for developing Dynamic Crop Weather Calendars on the occasion of IMD foundation day. Contributed in designing and development of 'Meghdoot app', jointly with ICRISAT, under Monsoon Mission-II project funded by Ministry of Earth Sciences (MoES)