

Dr KALUVAI YELLA REDDY, FIE

Director
Water and Land Management Training Research Institute
Hyderabad-500030, INDIA

**Summary of Education & Career**

- i. B.Tech (Agril Engg) from Dr Punjabrao Deshmukh Krishi Vidyapeeth, Akola, MS (1982)
- ii. M.Tech in 'Water Resources Development and Management' from IIT, Kharagpur (1984)
- iii. PG Diploma in 'Sprinkler and Drip Irrigation', University of Arizona, Tucson, USA (2000)
- iv. Ph.D on 'Economic Design of Trickle Irrigation Systems' from IIT, Kharagpur (2002)

Dr K Yella Reddy has 33 years of experience in Teaching, Research, Project Management and Administration. He joined ANGR Agricultural University in 1985. Dr Reddy has been deputed to Work for Andhra Pradesh Micro Irrigation Project as Technical Head for 5 years period during 2004-08 and 2011-12. Since April 2012 Dr Reddy is working as Director of Water and Land Management Training and Research Institute (WALAMTARI), Hyderabad.

Significant Contributions

- i) Designed and developed 'Solar Powered Trickle Irrigation System for Sandy Tracts of Coastal Andhra Pradesh' in 2000.
- ii) Established Pilot project on Sub-Surface Drainage systems for reclamation of water logged and saline lands
- iii) He was Principal Scientist & Project Manager of the Rs 24 crore, FAO funded AP Water Management Project during the period 2008 to 2011.
- iv) Guided the Andhra Pradesh Micro Irrigation Project (APMIP), as Technical Head (2004-08 and 2011-12) The project has covered over 1.1 M ha of area under drip and sprinkler systems and benefited over million farmers.
- v) A new sprinkler system, called **Semi-permanent sprinkler system** which is farmer friendly and hydraulically efficient has been designed and developed.
- vi) Guided successfully the Norwegian funded Rs 30 million '**ClimaAdapt**' Project which was implemented in Nagurjuna Sagar Project area during 2112-17.
- vii) **Established International Collaboration with ICEWaRM, Adelaide:** Obtained 45 Australia Award Fellowships for the years 2016 and 2017-18
- viii) Guiding '**Baseline studies of Water Use Efficiency of Medium Irrigation Projects**' of five each in AP and TS, sanctioned by National Water Mission, MoWR, GOI at the cost of Rs 36.2 million.
- ix) '**Restructuring of WALAMTARI**' of Proposal prepared based on the guidelines of Govt of India with budgetary provision of Rs 500 million
- x) Organized two side events in 22nd ICID congress held in South Korea in 2014 and WIF2 held in Thailand in 2016.
- xi) More than 100 research papers are published in the national and international journals. About 20 technical reports and manuals prepared.

Awards and Honours Received

- i) '**Food and Agriculture Organization (FAO) Fellowship**' in 2000.
- ii) ANGR Agricultural University '**Meritorious Teacher Award**' for the year 2002.
- iii) '**ISAE Best Chapter Award**' 2003 received as Secretary of ISAE AP Chapter
- iv) '**Engineer of the Year Award**' 2005 of Institution of Engineers and Govt of AP
- v) '**Jain Irrigation Award**' of the Indian Society of Agricultural Engines (ISAE) for the year 2008
- vi) '**WatSave Technology Award 2008**' of ICID at 19th Congress held in Lahore, Pakistan in 2008.
- vii) **IEI (India) Agricultural Engineering Division Prize** and Presidents Medal 2008-2009
- viii) '**Bharat Ratna Sir Mokshagundam Visveswaraya Award**' 2011 of IEI APSC and Govt of AP
- ix) **INCID-JAIN Award** of the Central Water Commission, Ministry of Water Resources, GOI 2015
- x) Elected as **Vice-President of ICID** in the 68th IEC meeting held in Mexico City on 14th Oct 2017

Countries Visited on Technical and Official Purposes

USA, Uganda, Pakistan, Turkey, Indonesia, Netherlands, Germany, Iran, Singapore, Australia, Norway, Israel, South Korea, France, Switzerland, England, Thailand and Mexico