

BRIEF CURRICULAM VITAE

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Educational Qualifications

| Degree | Specialization | University | Year | Class |
|---------------------|--|---|------|-------|
| Ph.D (Submitted) | Agricultural Engineering (Soil and Water Engineering) | IIT, Kharagpur, India. | 2010 | — |
| M.Tech | Agricultural Engineering | IIT, Kharagpur | 1991 | First |
| B.Tech | Agricultural Engineering | Andhra Pradesh Agricultural Univ. 1989 Hyderabad. | | First |

Professional Experience

2010 to present: Associate Professor and Head, Agricultural Engineering Department, S.V.Agril.college, Tirupati.

2001-2010: Senior Scientist, Agricultural Engineering, Regional Agricultural Research Station, Tirupati (ANGRAU).

1993-2001: Asst.Professor, Agril.College, Mahanandi and S.V.Agricultural College, Tirupati.

1992-1993: Scientist-B, National Institute of Hydrology, Roorkee, India.

Academic/ Research/Extension Achievements

- Development of model watershed in the university as a Principal Investigator of the project.
- Credit in the preparation of user manuals in Agricultural Engineering for undergraduate courses in the University.
- Resource personnel for Line departments, Voluntary organisations on Watershed management practices in Andhra Pradesh
- Qualified Graduate Aptitude Test in Engineering (GATE) in 1989

Publications

- Referred Journals: 12, International Conferences: 3

Publications from PhD work

- Kumar, K.S., Tiwari, K.N. and Jha, M.K. (2009). Design and technology for greenhouse cooling in tropical and subtropical regions. Energy and Buildings, 41(12): 1269-1275.
- Kumar, K.S., Jha, M.K. and Tiwari, K.N (2010). Modeling and Evaluation of Greenhouse for Floriculture in subtropics. Energy and Buildings, 42(7): 1075-1083.

International Conference

- Kumar, K.S., Tiwari, K.N., and Jha, M.K.(2009). Design and technology for greenhouse floriculture in tropical and subtropical regions. International Conference on Food Security and Environmental Sustainability, IIT Kharagpur.
- Kumar, K.S., Tiwari, K.N., and Jha, M.K.(2009). Development and validation of greenhouse climate model for subtropics. International Conference on Food Security and Environmental Sustainability, IIT Kharagpur.