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		Present Station/Office: Post Harvest Technology Centre, Bapatla
		Designation: Principal Scientist (Agril Engg) & Head
		Academic IDs: ANGRAU-IRINS/ORCID/SCOPUS/Researcher ID/others Google Scholar Id <u>K80EE90AAAAJ</u> Researcher Id <u>GSE-1765-2022</u> Scopus Id <u>57219469617</u> Orcid Id <u>0000-0003-0280-5323</u> Vidwan-ID : 303322
		Expertise in one line Agricultural Process and Food Engineering
Notable contributions (Max 500 words)		Teaching • Taught various courses of UG, PG and Ph.D at Dr NTR CAE, Bapatla, CFST, Pulivendula and CFST, Bapatla from 2011 to 2024 • Guided 1 Ph.D, 7 M.Tech. (Process and Food Engineering) students and 8 batches of B.Tech. (Agril.Engg.) & B.Tech. (Food Technology) students in the capacity of Chairman of research projects • Worked as officer incharge of academic matters (OAM-UG), OAM-PG, officer incharge of student activities (OSA), Placement Officer, Warden and NSS Program Officer • Guided the students as Experiential Learning Program (ELP) Module Director • Successfully organized the South India study tour to students in 2019 • Served as Head of Food Processing Department • Served as Associate Dean (FAC), Dr NTR CFST, Bapatla from 28-02-24 to 20-06-24 • Nominated as Assistant Coordinator of IDP, NAHEP of ANGRAU sponsored by the ICAR.

	- Served as Nodal Officer during the visit of ICAR accreditation team at CFST, Pulivendula Research - Processing of turmeric leaves for production of extruded films - Effect of hydrothermal treatment on dehulling and physico-chemical characteristics of finger millet - Development of an automatic weight measuring system for tray dryer - Freeze-drying characteristics of mushrooms - Design and development of weight based grader for sweet orange - Effect of different pretreatments on the storage stability of pearl millet flour - Modified atmosphere packaging of moringa and curry leaves for enhancing shelf life - Effect of drying on milling and cooking qualities of high moisture paddy - Development and evaluation of a low cost grader for round fruits and vegetables - Effect of shrink wrapping on shelf life extension of fresh-cut deseeded <i>amla</i> segments - Development of raw banana fritters fortified with <i>bajra</i> and oats - Development of bio-packaging film from onion peel extract and neem leaf extract - Incharge of Livelihood Incubation Centre (LBI), CFST, Pulivendula, a joint venture of ANGRAU and IIPM-B, sponsored by Ministry of Commerce, Government of India at an estimated cost of Rs.1.00 crore for processing of fruits, vegetables and millets - Involved in Post-harvest and food processing technological research on paddy under RKVY scheme in which the PHT laboratory was established at APRRI, Maruteru - Worked on “Development and evaluation of power tiller drawn rotary plough for bund side ploughing in paddy fields” - Conducted studies on “Prototype feasibility testing of paddy transplanter, power weeder, Vishnu Puddler and combine harvester” in heavy soils of Godavari delta - Contributed in submitting a proposal for PM-FME Common Incubation Centre on Banana Processing to Ministry of Food Processing Industries, New Delhi at an estimated cost of Rs. 339.39 lakhs
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	Extension • Involved in mass demonstration of tray/mat nursery raising technique and paddy transplanter, paddy reaper, drum seeder, power weeder and combine harvester to farming community of Godavari zone • Resource person in capacity building of farmers and officials of Department of Agriculture, A.P. on high cost agricultural machinery • Contributed in State level exhibition cum demonstration of high cost machinery (transplanter, combine harvester, laser leveler, maize sheller cum dehusker and zero till drill at ANGRAU, Hyderabad as a resource person from 6-11th August,2009 • Lead the ELP students in conducting survey in Anantapur district on 'Status of farm mechanization and subsidy scheme in Andhra Pradesh' and submitted the report to Special Chief Secretary to Govt., Agriculture and Cooperation Dept., Govt. of A.P. • Assisted in organization of Farm Engineering Expo-2018 and National Conference on 'Digital and Engineering Technologies for precision agriculture and value addition' • Organized 'Food Technology Expo on Value Added Products' on 13-12-2023 at CFST, Bapatla involving technical sessions and exhibition of food processing machinery, in the capacity of Organizing Secretary • Conducted 02 NSS special camps • Participated in Village Adoption Program (VAP) • Delivered 03 radio talks at AIR, Vijayawada • Attended the UGC sponsored Two Day National Workshop on FOOD ANALYSIS organized by the Department of Food Science, Nutrition & Dietetics on 22-01-2024 as a resource person and delivered a lecture on 'Physical Analysis of Foods'
Research Interests (Max 20 words)	Post- harvest machinery, technology and value addition in food grains, fruits and vegetables
Professional recognition (Max 500 words)	Life member in professional bodies like • Andhra Agricultural Union (AAU) • Association of Food Scientists & Technologists (India)-AFST(I) • Institution of Engineers (India)-IEI • Indian Society of Agricultural Engineers (ISAE)

Research publications (Number only)	International/National Journals: 95 Conference proceedings: 15 Books and Book chapters: 05 Technical bulletins: 02 Popular articles: 05 Any others:
Awards & Honours (list as bullets)	- Received CSIR Junior Research Fellowship during 2003 - Received Meritorious Teacher award from ANGRAU for the year 2014 during the 48th Convocation held on 26-09-16 - Received State Best Teacher award from the Department of Higher Education, A.P. on 05-09-2023