

Name	:	Dr. B. MANJULA
Present Position	:	Assistant Professor
Email Address		b.manjula@angrau.ac.in
Phone Number	:	9703582436
Educational Qualifications	:	B.Tech. (Ag. Engg.): Department of Agricultural Engineering, UAS, GKVK, Bangalore M.Tech.: College of Agricultural Engineering, Raichur, UAS, Dharwad (Agricultural Processing and Food Engineering) Ph.D.: Tamil Nadu Agricultural University, Coimbatore (Agricultural Processing and Food Engineering)
Area of specialization	:	Agricultural Processing and Food Engineering
Professional experience	:	12 Years 5 months
Courses taught	:	<u>CAE, Madaksira</u> <u>VI Deans</u> FRSP 101, Introduction to Agricultural Engineering 4(3+1) (Associate) SRDY 181, Skill Enhancement 8(0+8) (Associate) PFEN 221, Engineering Properties of Agricultural Produce and Food Science PFEN 222, Post Harvest Engineering of Cereals, Pulses and Oil seeds 3(2+1) <u>V Deans</u> PFEN 221, Engineering Properties of Biological Materials 2(1+1) AEBE 261, Heat and Mass Transfer 2(2+0) PFEN 321, Agricultural Structures and Environmental Control 3(2+1) PFEN 322, Post Harvest Engineering of Cereals, Pulses and Oilseeds PFEN 324, Dairy and Food Engineering 3(2+1) PFEN 423, Food Packaging Technology 3(2+1) PFEN 424, Development of Processed Products 3(2+1) REEN 352, Bio-Energy systems; Design and Applications 3(2+1) SRDY 484, Project work and Report Writing 10(0+10) <u>IV Deans</u> APFE 311 Dairy and Food Engineering. 3(2+1) APFE 313 Engineering Properties of Biological materials and Food Quality. 3(2+1) APFE 314 Process Engineering for Agricultural produce 3(2+1) APFE 412, Process Engineering for Horticultural Produce, 3(2+1) AGEN 431, Agro - Industries and By-Products Utilization, 3(2+1) PROJ 491 Student Project. 6(0+6) <u>CFST, Pulivendula</u> <u>IV Deans</u> FDEN 121, Principles of General Engineering 3(2+1)

		FDEN 123, Energy Generation & Conservation 3(2+1) FDEN 221, Heat and Mass Transfer 2(1+1) FDEN 223, Food processing equipment-I 3(2+1) FTBM 351, IT Applications in Food Industries 2(1+1) RESP 301, Research Project 3 (0+3) FTHT 400, Experiential Learning Programme/Hands on Training 25(0+25)
Number of U.G. Projects handled	:	13
Number of ELP units directed	:	10
Publications	:	Publications in NAAS rated refereed journals: 15 Full length papers presented and published in Seminars: 07 Contribution of a chapter in an edited book: 02 Reviewer: 26 Abstracts: 17 Practical Manuals: 01 Question Bank/s:01 Study material/s:01 Popular Articles: 13 Radio Talks delivered: 01 Training Programmes organized: 05 Kisan Melas attended: 11
Patents/Technologies developed	:	Patent: A Process for Manufacturing of Blended Fruit Squash with Prickly Pear (<i>Opuntia Ficus Indica</i> & <i>Opuntia Dillenii</i>) Fruit Juice and Lemon Juice. ➤ Standardization of multigrain breakfast idly mix ➤ Development of process technologies for the preparation of edible films for food package ➤ Development of process technologies for the preparation of value added products from groundnut
Awards/Recognitions	:	• Ph.D. Research Programme, CSIR-SRF, CSIR, New Delhi. • Awarded First Prize in the poster presentation entitled “Extraction of protein from de-oiled ground nut cake” during Two day National Online Conference on “Implementing Strategies to Achieve Food Security and Food Sustainable Partnership: Progress and Challenges” organized by CFDT, CONFERENCE, 29th and 30th July, 2021. • Young Women Scientist Award on the occasion of INTERNATIONAL CONFERENCE "Innovative approaches in Agriculture, Horticulture & allied Sciences" 29-31 March, 2023 jointly organized by SGT UNIVERSITY, GURUGRAM (ICAR Accredited) ISAHRD, CHANDIGARH & Just Agriculture-the Magazine at SGT University, Gurugram. • Best Academician Award on the occasion INTERNATIONAL of CONFERENCE "Innovations to Transform Agriculture, Horticulture & Allied Sectors" 21-23 June, 2023 jointly organized by Malla Reddy University, Hyderabad ISAHRD, Chandigarh

		& Just Agriculture Education Group at Malla Reddy University, Hyderabad. • Excellence Teaching Award on 6 th INTERNATIONAL CONFERENCE "Holistic Innovations and Technological Advances for Sustainable Agriculture" (HITASA-2024) 04-06 March, 2024 jointly organized by SR UNIVERSITY, Warangal SKLSTHU, Hyderabad (ICAR accredited), Just Agriculture Education Group & ISAHRD, Chandigarh at SR UNIVERSITY, Warangal.
Trainings and workshops attended		07 + 13
Memberships in professional bodies		Life Member, Indian Society of Agricultural Engineers Associate Member, The Institution of Engineers (India)
Additional Assignments		Faculty board meeting member at University level College Board of Studies Convener at college level IQAC panel member (CAS applications scrutiny) External Examiner for thesis evaluation (NIFTEM-T) External Examiner for thesis evaluation, UAS, Bengaluru College magazine committee chairman and member Prepared SSR during ICAR Accreditation Head of the Department (PFEN) Warden (Girls and Boys) Additional Warden (Girls) Women Protection Cell Chairman and Member Officer in-charge Placement and Training cell Officer-in-Charge College Reports APFE Lab in-charge SC-ST Cell-in-Charge Computer lab-in-Charge Officer In-Charge Academic Matters Officer In-Charge Students Activities NSS Programme Officer-II Chairman and Member of Village Adoption Programme Building in-charge ANGRAU-IDP in-charge Purchase committee member Student-Teacher Council convenor and member Building and civil works committee chairman and member Disciplinary committee member Acted as Team Leader during study tour (5 times)