

Faculty Profile

Personal Details

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| Name | Dr. Tukesh Balaji Surpam |  |
| Designation | Subject Matter Specialist (Agril. Engg.) | |
| E-Mail | tushasurpam@gmail.com | |
| Contact No | 8668398749/ 8308502027 | |

Academic Qualifications

| Degree | Specialization | University | Year of passing |
|--|----------------------------------|--|-----------------|
| UG | Agricultural Engineering | Dr. PDKV, Akola | 2010 |
| PG | Agricultural Process Engineering | Dr. PDKV, Akola | 2012 |
| Ph.D. | Agricultural Process Engineering | Dr. PDKV, Akola | 2019 |
| Additional Qualification (if any): Additional Degree/Diploma/NET/SET | | | |
| ACAB course | Agri-Clinics and Agri-Business | National Institute of Agricultural Extension Management, Hyderabad | 2015 |

Professional Experience

| Stream | Years | Stream | Years |
|-----------|-------|----------------|-------|
| Teaching | - | Research | - |
| Extension | 05 | Administration | - |

| Area of Research/Interest |
|--|
| Agricultural Process Engineering Farm Power and Machinery Soil and Water Conservation Engineering Renewable Energy Resource |

Research Guidance

| Degree | No. of Student & Guided |
|--------------|-------------------------|
| M.Sc./M.Tech | -- |
| Ph. D. | -- |

Research Accomplishments (Recent Ten Most Important Publications)

| Sr. No | Title | Journal | ISSN/ISBN | NAAS Rating |
|--------|--|---|-----------|-------------|
| 01 | Standardization of process for preparation of ready-to-cook <i>Ambil</i> from sorghum. | Journal of Ready to eat foods | 2349-9206 | - |
| 02 | Preparation and evaluation of biscuit supplemented with potato flour. | International Journal of Processing and Post-Harvest Technology | 0976-5638 | 3.84 |

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|----|---|---|-----------|------|
| 03 | Effect of Pretreatment on Dehulling of Barley Grain. | Trends in Biosciences | 0976-2485 | 4.89 |
| 04 | Moisture-Dependent Physical Properties of Barley Grain. | Trends in Biosciences | 0976-2485 | 4.89 |
| 05 | Effect of Hot Water Soaking Treatment on Moisture Behavior of Barley Grain. | Trends in Biosciences | 0976-2485 | 4.89 |
| 06 | Role of Cluster Frontline Demonstrations in Enhancing Production and Productivity of Chickpea | Journal of food legumes | 0970-6380 | 5.54 |
| 07 | Impact of Cluster Front Line Demonstration on Productivity and Profitability of Pigeonpea under NFSM in Beed District of Maharashtra, India | Legume Research- An International Journal | 0250-5371 | 6.67 |

Credentials:

| Particulars | Numbers | Particulars | Numbers |
|-------------------------------------|---------|---------------------|---------|
| Research Articles | 07 | Popular Articles | 27 |
| Books / Booklets | - | Book chapters | - |
| Research/Technology Recommendations | - | Varieties Developed | - |
| Patents | - | Abstracts | 14 |
| Technical Publication | 03 | | |

Significant Achievements (Top Five)

| Patent/IP/Technologies/ Varieties/Machineries Developed / Methodologies/ Recommendations | Year |
|--|------|
| 1. | |
| 2. | |
| Externally Funded Projects: Implemented/Handled/Assisted | |
| 1. NFSM- Seed Hub (Increasing indigenous production of pulses in India). | |
| 2. CNHI project "Skill training for farmers and rural youths in agricultural mechanization." | |

Awards/Recognitions (Top Five)

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| 1. Best Ph. D. Thesis Award 2021 in International Conference GIAFAS-2021 by AETDS held at Ulhas Nagar, Uttarakhand. |
| 2. Dr. A. P. J. Abdul Kalam Scientist Award 2022 in 14 th International conference on Agriculture, Horticulture and Food Science organized by society of Tropical Agriculture at Delhi. |
| 3. Best Extension Involver Award in Agrocare Idol Award 2022 held at Nashik. |