

DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT

Personal Information

Name: JATOTH UDAY BHARGAV

Designation: ASSISTANT PROFESSOR

Qualification: POST GRADUATION

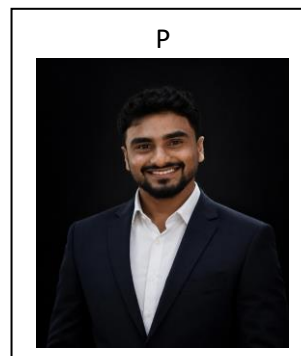
Specialization: M.Sc. (Agri.) Agronomy

Date of Joining the Institution: 24.06.2026

Total Teaching Experience: 2

Official Email ID: udaybhargavj@gmail.com

Contact Number (Optional): 9032882307



Qualification	Specialization	University	Year
M.Sc. (Agri.)	Agronomy	Sam Higginbottom University of Agriculture, Technology & Sciences	2021 - 2023
B.Sc. (<i>Hon's</i>)	Agriculture	Vivekananda Global University	2017 - 2021

Areas of Interest

- Teaching Interests: Agronomy, Crop Production, Farming System & Sustainable Agriculture,

Research Interests:

Crop Modelling, Climate-resilient cropping systems, Climate smart Agriculture, Crop nutrition and soil fertility, Agroecosystem modelling, Statistical analysis of agronomic data, Precision and resource-efficient agriculture and Legume and cereal production systems

Courses Taught

- Undergraduate Courses:**

FUNDAMENTALS OF AGRONOMY

FARMING BASED ON LIVELIHOOD SYSTEM

ENVIRONMENTAL SCIENCE & DISASTER MANAGEMENT

FARMING SYSTEM & ORGANIC FARMING FOR SUSTAINABLE AGRICULTURE

CROP PRODUCTION TECHNOLOGY -I (*Kharif crops*)

AGRICULTURAL FINANCE & COOPERATION

AGRICULTURE ECONOMICS

Research Profile

- **Number of Research Publications:**
- Effect of Growth Regulators on Growth and yield attributes of Blackgram (*Vigna mungo* L.)
- Marker – assisted introgression of bmr6 allele into sweet sorghum and high biomass sorghum lines for improving biomass- Based biofuel yield
- Evaluation of parents for seed yield and its components in sesame
- **Scopus Indexed Publications:**
Sustainable approaches for off season production of tropical and subtropical fruit crops.
- **Book Chapters:**
Digital agronomy: Future of data driven farming.
Application of artificial intelligence in crop production

Magazine Publications:

- Smart farming – how technology is sowing the future of agriculture.
- Soil response to tillage – induced disruption and consequence for conservation practices.
- Bio-informatics tools and techniques for plant biotechnology research.
- Processing technologies for improved utilization of pulses
- Advance in remote sensing with image analytics for crop diseases monitoring.

Awards and Recognitions

- Academic Awards:
Principal's Special Award – 2025 in recognition of outstanding in Q1 Scopus publication

FDPs / Workshops / Conferences

- Faculty Development Programmes Attended: 4
 - Workshops/Seminars/Conferences: 1
-

Extension and Outreach Activities

- NCC Activities:

I have 2 years' work experience as an NCC caretaker officer under 4 (T) Battalion, Secunderabad group, AP & T Directorate.

Research Identifiers

- **ORCID ID:** 0009-0006-7502-173X
- **Google Scholar Profile:** JATOTH UDAY BHARGAV
- **Vidwan ID:** 688603

List of Publications (Research Papers / Books / Book Chapters / Patents etc)

Research Papers – 5

Book Chapters – 2

Magazine Publication – 5