

## **FACULTY DETAILS**

### **Faculty Name:**

**Dr. Chandrashekar**

**HoD, Department of Smart Agri-Tech**

### **Education Details:**

- Ph.D. (Agricultural Engineering) Farm Machinery and Power Engineering

### **Contact Details**

**Email ID:** chandrurc001@gmail.com

### **Professional Experience**

#### **Teaching Experience:**

- Working as Assistant Professor in Smart Agri-Tech Department, AIT from 3/10/2023 to till date.

### **Publication Details:**

#### **PAPERS:**

1. Chandrashekar and Bini Sam "Ergonomic Evaluation of Spading Machine for Tillage Operation" Indian Journal of Ecology. 50(3): 900-903.
2. Chandrashekar and Bini Sam "Development and laboratory evaluation of spading machine" The Pharma Innovation Journal. 11(12): 129-132.
3. Anand Kumar T M, Triveni Prasad Singh and Chandrashekar "Development and Laboratory Evaluation of Picker Wheel type Metering Mechanism for Tuberoses and Gladiolus Corms" Journal of scientific and Industrial Research. (81):13-20.
4. Venkata Reddy H K, Chandrashekar and Jayan P. R. "Design of Pokkali Paddy Harvester" Indian Journal of Ecology. 49(1): 234-238.
5. Chandrashekar, Venkata Reddy H. K. and Jayant Singh "Evaluation of Power Tiller Operated Vertical Rotary Plough for Tillage" Indian Journal of Ecology. 48(6):1866-1870.
6. Chandrashekar and Jayant Singh "Studies on Performance Evaluation of Vertical Rotary Plough" International Journal of Current microbiology and Applied Sciences. 7(12): 1431-1447.
7. Chandrashekar, Neeraja J. and Raghavendra V. "Performance Evaluation of Solar Operated Push Type Sprayer" International Journal of Current microbiology and Applied Sciences. 7(12): 1448-1456.

#### **POPULAR ARTICLES**

1. Chandrasekar, Venkata Reddy H. K. and Basavaraj "Soil-Tool Interaction" Agriculture and Food E-News Letter.3(3):2021.
2. Chandrasekar, Basavaraj and Venkata Reddy H.K "Spading Machine" Agriculture and Food E-News Letter. 2(9):2020.
3. Chandrasekar, Basavaraj and Venkata Reddy H. K. "Precision Agriculture and its importance" Agriculture and Food E-News Letter. 2(4):2020.
4. Venkata Reddy H. K, Chandrasekar and Basavaraj "Mechatronics in Precision Agriculture" Agriculture and Food E-News Letter.3(3): 2021.

5. Venkata Reddy H. K, Chandrasekar and Basavaraj. "Harvesting Practices of Pokkali Paddy in the Water-Logged Areas of Kerala" Agriculture and Food E-News Letter.3(3):2021.
6. Basavaraj, Chandrasekar and Venkata Reddy H.K. "The Prospect of Smart Farming in Indian Agriculture. Agriculture and Food E-News Letter.3(3): 2021.
7. Venkata Reddy H. K, Chandrasekar and Basavaraj "Application of Nanotechnologies in Agriculture" Agriculture and Food E-News Letter.3(3): 2021.

#### **Professional body membership**

- Member of ISAE.
- Member of IIE

#### **Achievements:**

1. Qualified ICAR-JRF Exam in 2016
2. Qualified ICAR-SRF Exam in 2019
3. Qualified ICAR-NET Exam in 2020
4. Qualified ICAR-NET Exam in 2023