**ANNAMACHARYA UNIVERSITY FACULTY DETAILS FOR WEBSITE**

**About Profile**

NAME: Dr. Bhimireddy Sukrutha



DATE OF BIRTH: 21/03/1996

DESIGNATION: Asst professor

DEPARTMENT: Genetics and Plant Breeding

EMAIL ID: sukruthacoa@annamacharyauniversity.edu.in

DATE OF JOINING: 05/10/2024

EMPLOYEE ID:2303

## Academic Profile

| **Qualification** | **Name of the Board/University** | **YEAR** |
| --- | --- | --- |
| PhD | Tamil Nadu Agricultural university  | 2023 |
| MSc(Ag) | ANGRAU | 2020 |
| BSc(Ag) | ANGRAU | 2018 |

## Research Details

1. Areas of Specialization:: Seed improvement, Molecular breeding
2. List of Publications:10 research, 2 book chapters,1 review
3. Awards Received : Nil
4. Research Guidance:
5. No. of PhD Guided:- Nil
6. No. of M.Tech Guided:
7. No. of B.Tech Guided:
8. Details of Professional Membership:
9. Subjects Taught:

## Publication Details

|  |  |  |
| --- | --- | --- |
| **Title** | **Publisher** | **Published Year** |
| 1. Possibility for Exploitation and Identification of Rice Yield and Seed Quality Orthologs in Peanut (Arachis hypogaea L.) | Legume Research | 2024 |
| 2. Assessment of Molecular Diversity and Mapping of Bruchid Tolerance Loci in Green Gram [Vigna radiata (L.) Wilczek] | Legume Research | 2024  |
| 3. Combining ability and Gene action studies for yield and fibre traits in Gossypium arboreum using Griffings numerical and Haymans graphical approach | Journal of Cotton Research | 2023 |
| 4. Study on interplay of yield-related characteristics and fibre quality traits in arboreum cotton (Gossypium arboreum L.). | Electronic Journal of Plant Breeding | 2023 |
| 5. Principal Component Analysis and Path Coefficient Analysis for Groundnut Yield and Seed Quality Attributes (Arachis hypogaea L.). | Legume Research | 2023 |
| 6. D2 analysis to evaluate the genetic diversity of Peanut (Arachis hypogaea L.) | Agricultural science Digest. | 2023 |
| 7. Identification of multi-trait donor sources in groundnut (Arachis hypogaea L.) for yield and seed quality improvement. | Electronic Journal of Plant Breeding | 2022 |
| 8. Estimation of standard heterosis and heterobeltiosis for yield and fibre quality traits in Karunganni cotton (Gossypium arboreum L.) | AATCC Review | 2023 |
| 9. Variability Studies in F2 Population of Upland Cotton (Gossypium Hirsutum L.) for Yield and Fibre Quality Traits. | International Journal of Agricultural Sciences | 2022 |
| 10. Can molecular model crop rice become a boon towards progress of groundnut functional genomics? | Journal of Oilseeds Research | 2023 |
| 11. Conventional and molecular breeding strategies for development and improvement of drought tolerance rice cultivars: Recent approaches and outlooks | Environment conservation Journal. | 2023 |