

Scientists Profile

Name	Dr. Siddu Basavaraj Chindi
Designation	Scientist-B
Section/Division	Agroforestry and Farm Management
Contact Number	+91 8971871942
Email ID	sidduchindi@csb.gov.in ; siddubc16@gmail.com
Highest Qualification	PhD in Genetics and Plant Breeding
Area of Research Work	On-Going Projects: - [PIB 04009 SI] Evaluation of identified hybrids of <i>Terminalia arjuna</i> x <i>T. tomentosa</i> and drought tolerant <i>T. arjuna</i> for their suitability in different tropical tasar silkworm rearing regions – As CI Concluded Projects: -
Recent Publications	Siddu, C. B., Ramesh, S., Kalpana, M.P. et al. Identification of inbred lines harbouring favourable dominant alleles not present in the parents of three elite maize (<i>Zea mays</i> L.) single cross hybrids. <i>Genet Resour Crop Evol</i> 71, 851–862 (2024). https://doi.org/10.1007/s10722-023-01666-w Siddu, C. B., Ramesh, S., Kalpana, M. P., Basanagouda, G., Sathish, H., et al (2025). Validation of predicted type of breeding population (F2/backcross), and prediction and validation of the performance of F2 and backcross derived testcross hybrids in maize (<i>Zea mays</i> L.). <i>Euphytica</i>, 221(3), 24. Siddu, C. B., Ganesh, P., Susmitha, B., et al. (2025). Breeding potential of multi-parent derived populations in chilli (<i>Capsicum annuum</i> L.). <i>Journal of Horticultural Sciences</i>, 20(2). - Kalpana, M. P., Anilkumar, C., Basanagouda, G., Siddu, C. B., Ramesh, S., et al (2026). Genomic prediction in dolichos bean (<i>Lablab purpureus</i> L. Sweet) breeding: choice of the type of training population and selection generation. <i>BMC Plant Biology</i>.

	5. Kalpana, M. P., Ramesh, S., Siddu, C. B., Basanagouda, G., Madhusudan, K., Sathish, H., et al (2025). Low density marker-based effectiveness and efficiency of early-generation genomic selection relative to phenotype-based selection in dolichos bean (<i>Lablab purpureus</i> L. Sweet). The Plant Genome, 18, e70039. https://doi.org/10.1002/tpg2.70039
Links: Google Scholar (Mandatory) / ORCID / Research Gate	Google scholar: https://scholar.google.com/citations?hl=en&user=pyh-ncAAAAJ ORCID: https://orcid.org/0000-0002-8466-4802
Professional Achievements (Awards/Patents/Varieties & Breeds developed etc.)	AWARDS ➤ Received Best poster presentation award at National Symposium ➤ Awarded “Junior/Senior Research Fellowship (JRF/SRF)” by Joint CSIR-UGC ➤ Received “Campus Gold Medal” in M.Sc. (Agri.) for highest OGPA secured at UAS, Bangalore ➤ Received “University Gold Medal” in B.Sc. (Agri.) for highest OGPA secured at UAS, Dharwad ➤ Received “Sitaram Jindal Foundation Gold Medal” in B.Sc. (Agri.) at UAS, Dharwad