Publications

Journal Papers

> 6.0 NAAS rating

1. Krishna Kishore Gali, Kevin C. Koh, Tara Chellapilla Satyavathi, Ganapathy Kuyyamudi Nanaiah, K. B. Palanna, Morgan W. Kirzinger, Sandeep Nanjundappa, Sampath Perumal, Deekshitha Bomireddy, H. B. Mahesh, Harshal Eknath Patil, Raju Chaudhary, Loveleen Kaur Dhillon, Venkat Bandi, V. B. Reddy Lachagari, Surya Teja Veeramachaneni, Renuka Malipatil, Peng Gao, Shankar Pahari, Andrew G. Sharpe, Thomas D. Warkentin, Raju Soolanayakanahally*, M. K. Prasannakumar*, Nepolean Thirunavukkarasu* and Sateesh Kagale*. 2025. Little millet genome reveals evolutionary insights into tetraploid structure and genetic basis of micronutrient density. *Nature Communications*. https://doi.org/10.1038/s41467-025-66716-6 ***(JrnID: N024;Score:20.00).***
2. Chapke, R.R., Balakrishna, D., Satyavathi, C.T. and Laxmiprasanna, P. 2025. Asset-based millets production interventions for livelihood improvement in semi-arid Telangana: A multidimensional livelihood capital approach. *Environmental and Sustainability Indicators*. https://doi.org/10.1016/j.indic.2025.101088 January 2025 **(*JrnID:; Score:11.60 (6.00 + 5.60)).***
3. Singh, T., Goswami, S., Ali, A., Munibyrappa, S., Dutta, M., Thimmegowda, V., Kumar, R.R., Bansal, N., Kundu, A., Meena, M.C., Mishra, G.P., Singh, S.P., Singh, N. and Tara Satyavathi, C. 2025. Characterization of phenolics and influence of phytic acid content on iron and zinc bioaccessibility in chapati prepared from diverse pearl millet genotypes. *Molecular Nutrition & Food Research* p.e70130. June 2025 (***JrnID: M105; Score:10.50***).
4. Chapke, R.R., Satyavathi, C.T., Israel Oliver King, E.D., Laxmiprasanna, P. and Priyanka, V. 2025. Perceptions of climatic variability among millet farmers: insights from tribal communities in the Kolli Hills, Tamil Nadu, South India. *Frontiers in Climate* 6: 1506084 January 2025. **(*JrnID:; Score:10.1 (6.00 + 4.10)).***
5. Prasanna, S. Koti, Patro, T.S.S.K., Palanna, K.B., Jeevan, B., Prasanth, P., Ramesh, G.V., Anuradha, N., Sandhya Rani, Y., Triveni, U., Lavanya Devi, K., Poonacha, T., Farooq Khan., Praveen, B., Divya, M., Sabina Mary, D., Prasanna Kumari, V., Nagaraja, T.E., Madhusudhana, R. and Tara Satyavathi, C. 2025. Unraveling the pathogenomics of *Rhizoctonia solani* infecting proso millet (*Panicum miliaceum* L.): genomic perspective on ruthless virulence and adaptive evolution. *Frontiers in Microbiology* 07 March 2025 ***(JrnID: F101; Score:10.00).***
6. Kumar, R.R., Kumar, A., Goswami, S., Kumar, S., Singh, S.P., Prasad, C.T.M., Mishra, G.P., Padaria, J.C., Jha, G.K., Chellapilla, T.S. and Chinnusamy, V. 2025. Characterizing the enzyme-driven metabolic shifts in rancid pearl millet flour using metabolomics approaches: A step towards improving quality and shelf-life. *Frontiers in Nutrition*, *12*, p.1691522 October 2025 ***(JrnID: F103; Score:10.00).***
7. Yadav, S., Tomar, M., Singhal, T., Joshi, N., Bhargavi , H.A., Aavula, N., Langyan, S., Joshi ,T., Tara Satyavathi , C., Chand Rana, J., Singh, S.P., Rakesh Bhardwaj ,R. and Riar, A. 2025. Near-infrared reflectance spectroscopy (NIRS): An innovative, rapid, economical, easy and non-destructive whole grain analysis method for nutritional profiling of pearl millet genotypes. *Journal of Food Composition and Analysis* 142: 107373 June 2025. (***JrnID: J257; Score:10.00***).
8. Aruna, C., Kanti Meena, Visarada, K.B.R.S., Hariprasanna, K., Deepika, C., Venkateswarlu, R., Das, I.K., Meena, D.K., Madhusudhana, R., Tara Satyavathi, C. 2025. Red sorghum variety: A

dual solution for functional food and grain mold resistance. *Journal of Cereal Science* 123 May 2025 https://doi.org/10.1016/j.jcs.2025.104150 (***JrnID: J145; Score:9.90***).

9. Hemanth, S., Singh, S.P., Singhal, T., Yadav, S., Kapoor, C., Naveen, A., ... and Satyavathi, C.T. 2025. Nutrient dynamics in pearl millet: Impact of seed soaking on minerals and anti-nutrient contents. *Journal of Cereal Science*: 104252. September 2025 (***JrnID: J145; Score:9.90***).
10. Kannababu, N., Nanjundappa, S., Narayanan, N., Vetriventhan, M., Venkateswarlu, R., Das, I.K., Srikanth, A., Viswanath, A., Singh, S., Malipatil, R., Satyavathi, T.C., and Nepolean Thirunavukkarasu*. 2025. Role of functional genes for seed vigor related traits through genome-wide association mapping in finger millet (*Eleusine coracana* L. Gaertn.). *Scientific Reports* 15(1):5569 May 2025 (***JrnID: S023; Score: 9.80***).
11. Patroti, P., Madhusudhana, R., Sundaram, S., Prasad, G.S., Raigond, B., Das, I.K., and Satyavathi, C.T. 2025. Development of high yielding and stress resilient post-rainy season sorghum cultivars using a multi-parent crossing approach. *Scientific Reports* 15(1):17224 May 2025 https://doi.org/10.1038/s41598-025-02777-3 (***JrnID: S023; Score: 9.80***).
12. Chapke, R.R., Tara Satyavathi, C., Srinivasa Babu, K. and Peddiveeti, L. 2025. Integrating indigenous traditional knowledge and ergonomic efficiency for sustainable millets farming: A study from Koraput, Odisha, India. *Frontiers in Sustainable Food Systems* 9:1673772. Accepted: 12 September 2025. ***(JrnID: F109; Score:9.70).***
13. Kumar, R.R., Babu, H. P., Pandit, K., Kumar, A., Ranjan, A.T.V., Goswami, S., Singh, S., Mishra, G.P., Rai, G.K., Jha, G.K., Satyavathi, C.T., Praveen, S.C.V. 2025. Characterizing the mono- and triacylglycerol lipase (MAGL and TAGL) genes from pearl millet (*Pennisetum glaucum* L.) and elucidating their dynamics with biochemical traits linked with rancidity. *Planta* 261(3):57 February 2025 doi: 10.1007/s00425-025-04621-4. PMID: 39934346. ***(JrnID: P133; Score:9.60).***
14. Chapke, R.R., Satyavathi, C.T., Israel Oliver King, E.D., Laxmiprasanna, P. and Priyanka V. 2025. Perceptions of climatic variability among millet farmers: insights from tribal communities in the Kolli Hills, Tamil Nadu, South India. *Frontier Climate*. 6:1506084. doi: 10.3389/fclim.2024.1506084 January 2025 (***JrnID: #; NAAS: 10.10; IF:4.10)***
15. Dudekula, R., Eduru, C., Balaganoormath, L., Sangappa, S., Kurra, S.B., Bellundagi, A., Narala, A. and Satyavathi C, T., 2025. Exploring factors that drive millet farmers to join millet FPOs for sustainable development: An ISM approach. *Sustainability*, *17*(20):8986 October 2025 **(*JrnID: S100; Score:9.30*).**
16. Chapke, R.R., Kalaisekar, A., Satyavathi, C.T., Balakrishna, D. and Laxmiprasanna, P. 2025. Women farmer's behaviour and drudgery in adopting indigenous traditional millet production practices for sustainable food system in the tribal Kolli hills of Tamil Nadu, India. *Frontiers in Sustainable Food Systems-Climate-Smart Food Systems*. (Accepted) November 2025 ***(JrnID:; Score:9.30 (6.00 + 3.30)).***
17. Malathi, V.M., Sehrawat, R., Seth, D., Pravitha, M., Venkateswarlu, R., Subeesh, A., Krishnan, V., nd Satyavathi, C.T. 2025. Heat matters: role of thermal processing on millet composition, digestibility, bioaccessibility and bioavailability. *European Food Research and Technology 251*: 4185 - 4213 October 2025 **(*JrnID: E131; Score:9.00*).**
18. Bhardwaj, P., Raigond, B., Raigond, P., Verma, A., Verma, G., Kochhar, T., Patroti, P., Das, I.K. and Satyavathi, C.T. 2025. Antiviral activity of ribosome inactivating proteins for management of plant viral infection. *Virology* :110403. February 2025 (***JrnID: V040; Score:8.80***).
19. Pooja, B., Baswaraj, R*., Pinky, R., Ambika, V., Gaurav, V., Tarvinder, K., Parashuram, P., Das, I.K. and Tara, C.T. 2025. Antiviral activity of ribosome inactivating proteins for

management of plant viral infection. *Virology*, 603:110403. https://doi.org/10.1016/j.virol.2025.110403 (***JrnID: V040; Score: 8.80***).

20. Palanna, K.B., Ramesh, G.V., Koti, P.S., Raveendra, H.R., Patro, T.S.S.K., Bhandhari, D., Brahmani, G., Netam, P., Bhat, S., Patil, H.E. and Salam, S.A. 2025. Multi-environmental and multi-trait evaluation of elite finger millet genotypes for blast resistance using GGE biplot and stability analysis. *Physiological and Molecular Plant Pathology* 140 :102873 November 2025 **(*JrnID: P067; Score:8.80*).**
21. Panzade, K.P., Kharate, P.S., Shende, R., Jinu Jacob*, Srividhya, S. and Bhavyasree, M. 2025**.** Genome-wide identification, comparative analysis, and expression profiling of stress-associated protein (SAP) gene family in *Sorghum bicolor* under abiotic stress. *3 Biotech* 15:246 August 2025. https://doi.org/10.1007/s13205-025-04424-0 (***JrnID: B124; Score:*8.60**)
22. Das, I.K., Madhusudhana, R., Baswaraj, R., Gholve, V.M., Govindappa, M.R., Kannababu, N. and Girish, G. 2025. Stability analyses of charcoal rot resistance and yield-related traits in post-rainy sorghum genotypes using AMMI and MTSI in multi-environment trials. *Crop Protection* September 2025 (***JrnID: C181; Score:*8.50**) https://doi.org/10.1016/j.cropro.2025.107427.
23. Palanna, K.B., Ramesh, G.V., Koti, P.S., Vinaykumar, H.D., Bhandhari, D., Raveendra, H.R., Patro, T.S.S.K., Krishna, T.V., Nagaraja, T.E., Madhusudhana, R. and Satyavathi, C.T. 2025. Deciphering mating type and population genetic landscape of Magnaporthe population adapted to millets and rice in blast hotspots of India. *Archives of Microbiology* 207(9):1-13 July 2025 ***(JrnID: A302; Score:8.30).***
24. Kaur, G., Oberoi, H.K., Kaur, M. and Umakanth Akula 2025. Redox metabolism stimulation in bioethanol sorghum under water deficit stress. *Sugar Tech* https://doi.org/10.1007/s12355-025-01551-z February 2025 (***JrnID: S096; Score:7.80***).
25. Cheruku, D., Hariprasanna, K., Visarada, K.B.R.S., Kannababu, N., Swarna, R. and Satyavathi, C.T. 2025. Understanding the floral biology and flowering behaviour in kodo millet (*Paspalum scrobiculatum* L.) for recombination breeding. *Genetic Resources and Crop Evolution* 1-11. June 2025 (***JrnID: G015; Score:7.60***).
26. Das, I.K., Palanna, K. B., Patro, T.S.S.K., Saralamma, S., Salam, S.A., Raveendra, H.R., Hariprasanna, K., Elangovan. M., Kannababu, N., and Satyavathi, C.T. 2025. Identification of stable leaf blast resistant genotypes in a diverse panel of foxtail millet (*Setaria italica*) using AMMI and GGE analysis. *Tropical Plant Pathology* 50(1):1-11 April 2025 (***JrnID: T116; Score:7.50***).
27. Kumari, P., Bhat, B.V., Pandey, P.K., Sohu, R.S., Pahuja, S.K., Seth, D., Umakanth, A.V. and Madhusudhana, R. 2025. Determining the potential and adaptability of multi-cut forage sorghum (*Sorghum bicolor* L. Moench) genotypes through AMMI, genotype by environment interaction and GGE biplot analysis. *Indian Journal of Genetics and Plant Breeding* 85(2):251-261. https://doi.org/10.31742/ISGPB.85.2.10 May 2025 **(*JrnID: I070; Score:7.00*).**
28. Amasiddha, B., Kannababu, N., Umakanth, A.V., Sangappa, Venkatesh, K., Deepika, C., Chandralekha, L. and Rafi, D. 2025. Agro-morphological trait diversity of barnyard millet germplasm for utilization in crop genetic improvement. *Plant Science Today* 12 (sp4): 1-9. October 2025 https://doi.org/10.14719/pst.10529. (***JrnID: P128; Score:*6.70**)
29. Gowsiga, S., Vijayalakshmi, D., Vinitha, A., Srividhya, S., Sivakumar, R., Iyanar, K., Kokiladevi, E. and Sivakumar, U. 2025. Unveiling the photosynthesis and translocation efficiency of Indian foxtail millet genotypes to dissect the tolerance to interactive drought and high temperature stress. *Plant Science Today* 12: 1-9 (***JrnID: P128; Score:*6.70**)
30. Kannababu, N., Hariprasanna, K., Venkateswarlu, R., Sangappa, C., Das, I.K., Tara Satyavathi,

C. 2025. Determining physiological maturity for optimal seed quality and reduced yield loss in foxtail millet (*Setaria italica* (L.) P. Beauv.). *Plant Science Today* 12 (sp4): 1-11. https:// doi.org/10.14719/pst.11195 November 2025 ***(JrnID: P128; NAAS-IF: 6.70).***

31. Dudekula, R., Sangappa, Laxmi, B., Kardela, C., Gundala, M., Karri, M. 2025.Impact of millets FPOs on the socio-economic and livelihood of millet growers. *Plant Science Today* 12 (sp4) https://horizonepublishing.com/journals/index.php/PST/article/view/11258 November 2025 ***(JrnID:P128; NAAS-IF:6.70)***.
32. Sangappa, Rafi D, Laxmi B, Srinivasa BK, Tara SC. Methodology standardization for assessing leadership patterns among postgraduate agricultural students. *Plant Science Today* 12 (sp4). https://horizonepublishing.com/journals/index.php/PST/article/view/12690 December 2025 ***(JrnID: P128; NAAS-IF: 6.70).***

<6.0 NAAS rating

33. Ambawat, S., Satyavathi, C.T., Khandelwal, V., Meena, R., Singh, S., Kumar, M. and Bishnoi, J. 2025. Genetic diversity analysis and molecular characterization of pearl millet [*Pennisetum glaucum* (L.) R. Br.] hybrids/varieties. *Journal of Advances in Biology & Biotechnology* 28(2):824-840 February 2025 ***(JrnID:J011;Score: 5.30).***
34. Supriya Ambawat, Tara Satyavathi, C., Vikas Khandelwal, Rajbala Meena, SubaranSingh, Manoj Kumar and Bishnoi, J.P. 2025. Genetic diversity analysis and molecular characterization of pearl millet [*Pennisetum glaucum* (L.) R. Br.] Hybrids/Varieties. *Journal of Advances in Biology & Biotechnology* 28(2):824-840, 2394-1081 February 2025 ***(JrnID:J011 Score: 5.30).***
35. Rafi, D., Sangappa, Laxmi, B., Amasiddha, B. and Meghana, G. 2025. Agrarian struggles: The reality of tenant farming in Andhra Pradesh. *International Journal of Advanced Biochemistry Research* 9(6):108-112 April 2024 DOI: 10.33545/26174693.2025.v9.i6b.4537 ***(JrnID:I160;Score: 5.29).***
36. Rafi, D., Sangappa and Laxmi, B. 2025. Critical assessment and performance evaluation of women self-help groups in Andhra Pradesh. *International Journal of Advanced Biochemistry Research* SP-9(8): 1007-1011 June 2025 ***(JrnID:I160;Score: 5.29).***
37. Likhita Reddy, S., Gangaiah, B., Srinivasulu, K., Swarna, R. and Prasad babu, M.B.B. 2025. Improved rainy season fallow management in vertisols for resource conservation. *International Journal of Research in Agronomy* 8(8): 326-330 ***(JrnID: I428 Score: 5.20).***
38. Likhita Reddy, S., Gangaiah, B., Srinivasulu, K., Swarna, R. and Prasad babu, M.B.B. 2025. Evaluation of nutrient uptake patterns and nutrient budgeting of Kharif crops. *International Journal of Research in Agronomy* 8(9): 615-618 ***(JrnID: I428 Score: 5.20).***
39. Sravani, D., Shanthi Priya, M., Sanjana Reddy*, P., Latha, P., Rupesh Kumar Reddy, B., Venkateswarlu, R. and Reddi Sekhar, M. 2025. Genetic variability and trait associations for improved yield and rancidity in pearl millet. *International Journal of Advanced Biochemistry Research* 9(4): 991-997 ***(JrnID:I160 Score: 5.29).***
40. Sushma Sannidi, Gangaiah, B. Vidyasagar, G E. Ch., Jayasree, G. and Aruna, C. 2025.Valorization of sorghum residues through vermicomposting and biochar production and their physico chemical characterization. *International Journal of Research in Agronomy* 8(7): 1065-1069 ***(JrnID: I428 Score: 5.20).***
41. Sushma Sannidi, Gangaiah, B., Vidyasagar, G.E.Ch., Jayasree, G. and Aruna, C. 2025. Productivity enhancement of rabi sorghum (*Sorghum bicolor* (L) Moench) through cultivars, manuring and irrigation. *International Journal of Research in Agronomy* 8(8): 386-391 ***(JrnID: I428 Score: 5.20).***

42. Uday Sree, G., Vidya Sagar, G.E.Ch., Gangaiah, B. and Kiran reddy, G. 2025. Growth and yield of sorghum [*Sorghum bicolor* (L.) Moench] as affected by fertilizer levels and its cultivars. *International Journal of Research in Agronomy* 8 (12): 770-774 ***(JrnID: I428 Score: 5.20).***
43. Hemasankari, P., Dayakar Rao, B., Sai Prasanna, E., Vilas. A.Tonapi, Kailappan, R. and Tara Sathyavathi, C. 2025. Physical and functional properties of selected value added products from millets, *Asian Journal of Microbiology Biotechnology and Environmental Science* 27 (1-2):2025:60-76 March 2025 **(*Jrn. ID.NA331 Score:4.93*)**
44. Satpal, Gangaiah, B., Devi, S., Kharor, N., Kumari, P. and Sharma, B.L. 2025. Performance of brown mid rib (bmr) and non-bmr single cut forage sorghum [*Sorghum bicolor* (L.) Moench] genotypes under varying levels of NPK fertilizer. *Forage Research* 50(4): 474-482. March 2025 (***JrnID:* F073**; ***Score:4.76)***.
45. Ashok Kumar Khinchi, Deepak Rajpurohit, Sonam Mahawar, Amit Dadheech, Ramesh S. Babu, Sunil Khandelwal, Shailendra Saxena, Singh, P.B. and Devendra Jain 2025. Morphological and molecular characterization of sorghum (*Sorghum bicolor* L.) genotypes. *Frontiers in Crop Improvement.* 12: 496-500 ***(JrnID:F093 Score: 4.36).***
46. Meena, R.C., Nitin Kumar Garg, Supriya Ambawat, Sunita Gupta, and Tara Satyavathi, C. 2025. Temperature stress-induced biochemical changes in pearl millet [*Pennisetum glaucum* (L.) R. Br] genotypes at the seedling stage. *Madras Agricultural Journal* 112 (4-6): 51-55 April 2025 ***(JrnID:M003 Score: 4.36).***
47. Padmaja, P.G., Kalaisekar, A., Shyam Prasad, G., and Tara Satyavathi, C. 2025. Unravelling the olfactory mechanism of *Atherigona* spp host plant selection in millets for novel pest management strategy. *Journal of Applied Zoological Researches* 36(2): 179-182 ***(JrnID J088; IF: 3.48).***
48. Anuradha Narala, Shaik Muneer, Sangappa, Rajendra R Chapkae, Anusha, J. and Tara Satyavathi, C. 2025. Market integration and price Transmission of Sorghum in India. *Agricultural Association of Textile Chemicals and Critical Review Journal.* *https://aatc.peerjournals.net/* October 2025:832-839.
49. Stanley, J., Vyshnavi, A., Kiranmai, E., Sailaja, P., Hemasankari, P., Madhavi, M. and Shreeja Reddy, M. 2025. From waste to worth: Valorizing millet by-products for functional use *Food and Humanity* 5:100807 December 2025.
50. Ravikiran, K.T., Sanjay Arora, Vikas Khandelwal, Sanjana Reddy, P., Anoop Kumar Dixit and Rajender Kumar Yadav. 2025. Evaluation of pearl millet hybrids for salt tolerance: Na+ and K+ dynamics under normal and sodic conditions. *Discover Soil* 2:85:1-19 September 2025. https://doi.org/10.1007/s44378-025-00113-9.

2. Other Publications

Books

1. Gangaiah, B. and Tara Satyavathi, C. 2025. Good Agricultural Practices (GAP) Manual for Sustainable Millets production in India. 128 p. Director, ICAR-Indian Institute of Millets Research, Hyderabad, India. ISBN: 978-93-94673-53-3.
2. गंगैय्या, बी., कुमार, वि. और तारा सत्यवती, सी. । २०२५. भारत में टिकाऊ श्री अन्न उत्पादन के लिएउत्तम कृषि प्रथाएं (जीएपी) ननयमावली। आईसीएआर-भारतीय श्री अन्न अनुसंधान संस्थान, हैदराबाद, ५०० ०३०, तेलंगाना, भारत पृष्ठ: १३३. ISBN: 978-93-94673-83-3. (Hindi)
3. गंगैय्या, बी., विलास, डी., आघाि, दीपक, डी., दुधाडे आणि और तारा सत्यवती, सी. २०२५. भारतामधील शाश्वत भरडधान्य उत्पादनासाठी उत्तम कृषी पद्धती मागगदशगक पुस्ततका. भारतीय कृषी संशोधन पररषद – भारतीयश्री अन्न संशोधन संतथा, हैदराबाद ५०० ०३०, तेलंगणा, भारत, पृष्ठे १३४. ISBN: 978-93-94673-52-6. (Marathi)
4. Patro, T.S.S.K., Anuradha, N., Triveni, U., Swathi, M., Tejeswara Rao, K., Sandhya Rani, Y.,

Divya, M., Anisha, A., Praveen, B., Jaya Sneha Sameera, B., Bhagyasri, N., Sadhana, S., Madhusudhana, R., Tara Satyavathi, C., Sangappa, Kailaisekar, A. Srinivas, C.V. Chandra Mohan Reddy, MukundaRao, Ch., Satyanarayana, P.V. and Sarada Jayalakshmi Devi, R. 2025. The Legacy of Small Millets- A Chronicle from ANGRAU, ISBN: 978-93-7151-171-1.

5. Sangappa, Rafi, D., Ramkiran, K., Meghana, G., Charishma, E., Chandhini, K., Abbuseat, Kailashnath, Anup, Prashanth, Monalisha, Srinivasa Babu, K., Laxmi, B., Premaradhya, N. and Tara Satyavathi, C. 2025. Policy paper on Millet Farmer Producer Organization (FPOs) in India - A sustainable choice for nutritional & livelihood security of small & marginal farmers. ICAR-IIMR, Hyderabad. ISBN: 978-93-94673-84-7.
6. Sangappa, Charishma, E., Chandhini, K., Rafi, D., Meghana, G., Premaradhya, N., Laxmi B., Mahesh, Pavan Kumar, G., Srinivasa Babu, K., Madhusudhana, R. and Tara Satyavathi, C. 2025. Policy paper on Millet Farmer Producer Organization (FPOs) in India - A sustainable choice for nutritional & livelihood security of small & marginal farmers. ICAR-IIMR, Hyderabad. ISBN: 978-93-94673-84-7.
7. Tara Satyavathi, C., Aruna, C., Venkatesh Bhat, B., Madhusudhana, R., Umakanth, A.V., Hariprasanna, K., Sanjana Reddy, P., Ganapathy, K.N., Parashuram Patroti, Vikas Khandelwal, Avinash Singode, Amasiddha, B., Deepika, C., Visarada, K.B.R.S., Venkatesh, K., Rajendrakumar, P., Nepolean, T., Balakrishna, D., Anuradha, N., Pradhan, S.K. and Yadava, D.K. 2025. Millets Improvement in India. ICAR-Indian Institute of Millets (Shree Anna) Research, Rajendranagar, Hyderabad - 500 030. ISBN: 978-93-94673-65-6. Pp 120.
8. Rajendra R. Chapke, Kalaisekar, A., Stanley, J. Hemasankari, P. TaraSathyavathi, C., Arunkumar, P. and LaxmiPrasanna, P. 2025. சமீபத்திய தினை உற்பத்தி மற்றும் செயலாக்க தொழில் நுட்ப ங்கள்(Latest Millets Production and Processing Technologies), (Tamil Version). ICAR-IIMR Publication, Hyd, 170p, ISBN:978-93-94673-97-7. Pp 170.
9. Dayakar Rao, B., Shreeja Reddy, M., Vijayalakshmi, Hemasankari, P., Stanley, J. and Tara Sathyavathi, C. 2025. Indian Culinary Treasure of Millets: Novel Recipies curated by Nutrihub. ICAR-IIMR, ISBN: 978 -93-94673-61-8, Pp 206.
10. Dayakar Rao, B., Kiranmai, T., Hemasankari, P., Dharini Manoharan, T., Tamil Selvan, A., Vyshnavi, M., Shreeja Reddy, M., Madhavi, A., Israel Raj and Tara Sathyavathi, C. 2025. CoE on millets: A Research Break through and Innovations in Food Science, Nutrition, Technology, Processing, Engineering and Entrepreneurship, Nutri hub. ICAR-IIMR, Rajendranagar, Hyderabad -30. ISBN:978-93-94673-50-2, Pp 314.

Book chapters

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Presentation in Workshops/Seminars/Symposi/Conferences

Lead talk

National

1. Jinu Jacob. 2025. Omics-aided crop improvement in millets, In: National symposium on Recent trends in omics in plant biology held at ICAR-IISR, Calicut from 21-22 May, 2025.

Invited speaker

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2. Anuradha, N. 2025. Sustainable livelihood, food security and rural transformation through millets for Viksit Bharat on 12 February 2025 at the Central University of Odisha, Koraput.
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7. Srividya, S. 2025. Exploiting key traits of Millets for climate resilience and improved production practices. In: National Conference on "Millets and Forgotten Foods: Reviving Traditions for Nutritional Security and Ecological Sustainability in Agriculture", cum Farmers Expo organized by ICAR-IIMR and College of Agriculture, Pasighat, Arunachal Pradesh held at College of Agriculture, Pasighat, Arunachal Pradesh during 21-22, March, 2025.

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Oral Presentation

International

9. Anuradha, N., Shaik Muneer, Tara Satyavathi, C., Swarna Ronanki and Deepika Cheruku. 2025. Status of Millets production and consumption in India. In: 9th International Conference on Sustainable Environment for Agriculture, Biodiversity, Technology and Market for Next Generation (SEABTMG-2025), 12-14 September 2025 conducted by Department of Agricultural Economics, Himachal Pradesh University, Shimla, H.P page no-36, (Received best oral presentation award).
10. Gangaiah, B., Satpal, Tonapi, V.A., Kushawaha, B.B., Bhutala, P.O., Arvind Verma, Gopal, V. Thakare, Vadivelu, N., Shukla, D.K., Maninder Kaur and Madhusudhana, R. 2025. Hurda sorghum (*Sorghum bicolor* (L.) for augmentation of quality fodder supplies for livestock in India. Pp. 14-15. In: International Conference on Resource Management for Sustainable Agriculture, Food, Environment and Health, 3-4 November, 2025, CCS HAU, Hisar, Haryana.
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Abstracts

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15. Anuradha, N., Shaik Muneer, Swarna Ronanki, Deepika Cheruku and Tara Satyavathi, C. 2025. Millets for climate change: Strategies for adaptation and food Security. In: 33rd Annual Conference of Agricultural Economics Research Association (AERA) during December 1-3, 2025. ICAR-National Academy of Agricultural Research Management (NAARM), Hyderabad Pp123.
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26. Srividhya Sundaram, Pugahendhi Narayanasamy, Swarna Ronanki, Parashuram Patroti, Malathi, V.M., Tara Satyavathi Chellapilla. 2025. Root adaptations and water-use strategies in sorghum under drought and optimal moisture conditions. In: Abstract book of the 6th International conference on Plant Physiology on ''Translational Genomics and Physiology for Sustainable Agriculture" organized by ISPP, New Delhi and TNAU, Coimbatore, held at TNAU Coimbatore during 15-18th December, 2025, Pp- 1-424.
27. Pugahendhi, N., Srividhya, S., Parashuram, P., Swarna, R., Tara Sathyavathi, C. and Madhusudhana, R. 2025. Physiological evaluation of water use and transpiration efficiency in rabi sorghum genotypes under terminal drought. In: Abstract book of the 6th International conference on Plant Physiology on ''Translational Genomics and Physiology for Sustainable Agriculture" organized by ISPP, New Delhi and TNAU, Coimbatore, held at TNAU Coimbatore during 15-18th December, 2025, Pp- 1-424.

Posters

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28. Srividhya, S. 2025. Physiological evaluation of water use and transpiration efficiency in rabi sorghum genotypes under terminal drought. In: 6th International conference on Plant Physiology on ''Translational Genomics and Physiology for Sustainable Agriculture" organized by ISPP, New Delhi and TNAU, Coimbatore, held at TNAU Coimbatore during 15-18th December, 2025.

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Technical Bulletin

1. Jinu Jacob, Malathi, V.M., Venkateswarlu, R., Aruna, C., Venkatesh Bhat, B., Umakanth, A.V., Hariprasanna, K., Sanjana, P., Ganapathy, K.N., Avinash, S., Amasiddha, B., Deepika, C., Visarada, K.B.R.S., Das, I.K., Nepolean, T. and Tara Satyavathi, C. 2025. Comparative Metabolite Profile of Millet Grains. ISBN 978-93-94673-45-8. Publisher: ICAR-Indian Institute of Millets Research, Hyderabad.

Popular Articles

1. Anuradha, N. 2025. Shree Anna (Millets): *Ujjwal Bhavshaya Keliyae Smart Anaaj. Hindi Darpan*: 6-15 South Central Railway Magazine, June 2025.
2. Kajal Tambave and Hemasankari, P. 2025. भरड धान्य प्रक्रिया एक वरदान, Processing of millets grains is a boon. (Marathi version) *Shethkari* 25 (1): 48-51 April, 2025, Anand Publications, Samithi sabhagragh, Shivaji nagar, Pune,411005, Marati Agricultural Monthly Magazine, RNI No. MAHMAR / 2000/ 012 70. Ed. *Suraj Mandare.*
3. Kajal Navnath Tambave and Hemasankari, P. 2025. वनस्पतीजन्य भरडधान्य दूध:आरोग्याचा नवा पर्याय. Plant-Based Millet Milk: A New Health Alternative. (Marathi version). *Shethkari* 25 (6): 34-38 September, 2025, Pune, Shetkari, Anand Publications, Samithisabhagragh, Shivaji nagar, Pune, 411005, Marati Agricultural Monthly Magazine, RNI.No. MAHMAR/ 2000/ 012 70. Ed. *Suraj Mandare.*
4. Hemasankari, P., Kajal Navnath Tambave and Manju Bala. 2025. बाजरा आधारित मूल्य संवर्धित उत्पादों में संरचनात्मक अध्ययन का महत्व, (Importance of structural studies in millet based value added products), प्रससंकरण प्रगति, वर्ष ९, अंक २,जुलाई-दिसंबर, भाकु अनुप-केंद्रीय कटाई-उपरान्त अभियांत्रिकी एंव प्रौद्योगिकी संस्थान, लूधियाना (पंजाब).

Pamphlets

1. Jinu Jacob, Malathi, V.M., Hariprasanna, K., Sangappa and Tara Satyavathi, C. 2025. *Thinayum athinte Krishi reethikalum* (in Malayalam) Foxtail millet and its cultivation practices
2. Jinu Jacob, Malathi, V.M., Ganapathy, K.N., Swarna, R., and Tara Satyavathi, C. 2025. *Chamayum athinte Krishi reethikalum* (in Malayalam) Little millet and its cultivation practices
3. Malathi, V.M., Jinu Jacob, Ganapathy, K.N., Vekateswarlu, R. and Tara Satyavathi, C. 2025. *Ragiyum athinte krishi reethikalum* (in Malayalam) Finger millet and its cultivation practices.

Extension Folders

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2. Amasiddha, B., Sangappa, C., Bhat, B.V., Umakanth, A.V., Stanley, J., Chandralekha, L. and Tara Satyavathi, C. 2025. *Merugaina Pashugrasa Jonna Rakalu* (Telugu). Published by ICAR-IIMR, Global Center of Excellence on Millets, Hyderabad.
3. Amasiddha, B., Sangappa, C., Umakanth, A.V., Rajesha, G., Kavitha, C., Chandralekha, L. and Tara Satyavathi, C. 2025. Improved and high yielding varieties of barnyard millet (English). Published by ICAR-IIMR, Global Center of Excellence on Millets, Hyderabad.
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5. Amasiddha, B., Sangappa, C., Rajesha, G., Umakanth, A.V., Kavitha, C., Chandralekha, L. and Tara Satyavathi, C. 2025. CBYMV-1 (BMV 611) An early maturing barnyard millet variety for *kharif* season (English). Published by ICAR-IIMR, Global Center of Excellence on Millets, Hyderabad.
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