

Triveni M K

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📍 [Tarikere\(T\), Chikkamagaluru \(D\)](#)

Professional Summary

Passionate and driven individual with a strong academic foundation in agriculture, eager to learn and thrive in a collaborative environment. Committed to utilizing my skills to contribute positively to the growth and success of an organization or team.

Work Experience

Young Professional II | ICAR-Directorate of Cashew Research (DCR), Puttur 09/2022–09/2025
Project: Development of Morphological Descriptors and DUS Test Guidelines for Cashew DCR, Puttur
17/2025- ongoing
Sep 2022 – Sep 2025 | Supervisor: Dr. Mohana G. S., Principal Scientist.

- Conducted research trials and designed field experiment layouts efficiently.
- Managed large germplasm collections and executed field experiments on polyploidy, mutation, and core collections.
- Handled and crossed breeding materials in cashew
- DUS testing and Characterization of reference varieties of cashew
- Recorded, analyzed, and interpreted research data; delivered scientific presentations and reports.

Education

Bachelor of Science: Agriculture, *University of Agricultural Sciences, Dharwad* 08/2015–04/2019
Karnataka, India

- Major subjects: Genetics and Plant Breeding, Agronomy, Soil Science, Plant Physiology, Horticulture, Agricultural Extension, Plant Pathology, Entomology and Dairy Science.
- Rural Agricultural Work Experience(RAWE)-Interaction with farmers to know practical agricultural challenges, diagnose the problems and suggest solutions.
- Gain hands-on experience on extension education, rural settings and learn problem solving skills.
- RAWE often includes survey work, preparing village reports, conducting agricultural technology demonstrations, organizing farmer's meetings and field days.
- NSS: Worked as an NSS volunteer for a period of 2 years

Master of Science: Genetics and Plant Breeding, *University of Agricultural Sciences Bangalore. College of Agriculture, V C Farm, Mandya* 10/2019–01/2022
Karnataka, India

- Master's research thesis-“Characterization of inbred lines for productivity traits and their reaction to multiple diseases in Maize (*Zea mays*L.)”
- DUS characterization of 202 maize inbred lines; screening for Turicum leaf blight, Sorghum downy mildew, and Polysora rust. - Assessing productivity potential of inbred lines for maize breeding programs..

Publications/Abstracts

- M. K.Triveni & P. Mahadevu (2022). Characterization of inbred lines for productivity traits and their reaction to multiple diseases in Maize (*Zea mays* L.). Mysore Journal of Agricultural Sciences, **56**(4): 450.
- Swati Mandal., M. K. Triveni., Anurag S Kale., Vishwambhar Jadhav and M Aishwarya (2025). Advancing Crop Improvement: Innovations in Plant Breeding and Genetic Research. *Curr. Agri.Trends.e- Newsletter*, (2025) **4**(10), 40-44.
- P Akhila, Anurag S Kale., Triveni M. K., Shweta Alias Chetana Krishna Mayekar and Nikhil Nikas Arun(2025). Innovations in Digital Extensions for strengthening FPOs in India. *Sun.Agri.:e-Newsletter*,(2025) **5**(10), 36-10
- Mohana ,G. S., Adiga, J. D., Eradasappa, E., Mini poduval., Kabita Sethi, Veena, G. L.,Khapre L. S., & Triveni M. K. (2025). Weighted scoring for comparison on Cashew Varieties: Does it solve the problem? Indian Horticultural congress, 2025. pp 118

Workshops and Trainings

- Data Analytics on Advanced Excel and R – College of Agriculture, V.C. Farm, Mandya, UAS Bangalore
- Hands-on training on Use of DNA Markers in Crop Breeding – University of Agricultural Sciences, Bangalore
- Predictive Analysis for Crop Biology and Breeding – University of Agricultural Sciences, Bangalore

Skills

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| •Microsoft Excel | • Microsoft Power point |
| •R language | • SPSS, OPSTAT |
| •Academic presentations | • Good communication skill |
| •Scientific report writing | • Research documentation |

Society Memberships

- The Mysore Journal of Agricultural Sciences

References

Dr. Mohana G. S. – Principal Scientist (Genetics & Cytogenetics), In-charge, Agricultural Knowledge Management Unit, ICAR-DCR, Puttur – 574202, Karnataka, India | mohangs2007@gmail.com

Dr. P. Mahadevu – Professor and Head, AICRP on Maize, V.C. Farm, Mandya | 9945332633 | pmahadevu69@gmail.com