

Dr. R. Sridevi

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Tamil Nadu, India.

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Educational Qualification

- Ph.D. in Seed Science and Technology from Tamil Nadu Agricultural University, Coimbatore with 89.9 %
- M.Sc., (Agri) in Seed Science and Technology from Tamil Nadu Agricultural University, Coimbatore with 86.5 %
- B.Sc., (Agriculture) from Adhiparasakthi Agricultural College, Kalavai with 86.7 %

NET Qualification

Qualified the National Eligibility Test (NET), Agricultural Scientists Recruitment Board (ASRB), Indian Council of Agricultural Research, New Delhi

Area of interest / specialization

- Teaching, Research activities
- Seed quality enhancement, seed production and seed storage

Experience

Research Experience

- Evaluation of seed priming technique on crop growth and productivity in small millets and exploring the causes of physiological, biochemical, molecular and anatomical changes in primed seeds – Ph.D research work
- Studies on the influence of drip irrigation and drip fertigation on seed yield and quality in bhendi (*Abelmoschus esculentus* (L.) Moench) cv. Arka Anamika - M.Sc. (Ag) research work

Teaching Experience – Five and a half years

Courses handled

- ✓ SST 201 Principles and Practices of Seed Production (1+1)
- ✓ SST 301 Seed Quality Regulation and Storage (1+1)
- ✓ SST 201 Principles of Seed Technology (2+1)

- ✓ SST 221 Principles of seed production and quality regulations in horticultural crops (1+1)
- ✓ SST 321 Seed production techniques in horticultural crops (1+1)
- ✓ SST 451 Seed Entrepreneurship Skill Development and Management (1+1)
- ✓ PRJ 401 Project Work (0+3)
- ✓ EXP 401 Commercial Seed Production (0+5)

Publications

Research Articles

- **Sridevi. R** and V. Manonmani. 2019. Predicting the optimal stage o maximum seed quality during seed development and maturation in proso millet (*Panicum milliaceum* L.). *International Journal of farm Sciences*. 9(4): 89-93.
- **Sridevi. R** and A. Vijayakumar. 2019. Influence of resultant seeds from drip irrigation and fertigation on storage potential in Bhendi cv. Arka anamika. *International Journal of Chemical Studies*. 7(5): 1-4.
- **Sridevi. R** and A. Vijayakumar. 2019. Effect of resultant seeds from drip irrigation and fertigation on seed storability of Bhendi. *Journal of Pharmacognosy and Phytochemistry*. 8(5): 697-702.
- **Sridevi. R**, V. Manonmani, J. Renugadevi and R. Ravikesavan. 2019. Seed development and maturation in foxtail and little millet. *International Journal of Microbiology Research*. 11(6): 1602-1605.
- **Sridevi. R** and V. Manonmani. 2016. Influence of seed priming on physiological performance of foxtail, little and proso millets. *International Journal of Agricultural Science and Research*. 6(4): 179-186.
- **Sridevi. R** and V. Manonmani. 2016. Seed priming effect on physiological traits of kodo millet and barnyard millet. *International Journal of Agricultural Science and Research*. 6(4): 187-194.
- **Sridevi. R** and A. Vijayakumar. 2014. Influence of drip irrigation and fertigation on seed yield and quality in okra. *Seed Research*, 42(1): 98-102.

Seminars/Conferences/ symposiums

- International symposium on “Innovations and Advances in Agriculture and Plant Sciences (IAAPS 2018)” - Dhanalakshmi Srinivasan Agriculture College, Perambalur, Tamil Nadu (2018)

- International conference on “Quality Enhancement in Academic Research” - Jamal Mohamed College, Tiruchirapalli (2018)
- InterDrought-V - ICRISAT, Hyderabad (2017)
- Workshop on “Genomics and Big Data Analytics in Agriculture” - Centre for plant molecular biology and biotechnology, Tamil Nadu Agricultural University, Coimbatore (2016)
- Lecture Workshop on “Innovations In Bioscience” - Department of biochemistry, Bharathiar university, Coimbatore, Tamil Nadu (2016)
- National Workshop on "Intellectual Property Rights" - Department of botany, Bharathiar university, Coimbatore, Tamil Nadu (2016)

Abstracts

- **Sridevi, R**, Manonmani, V. 2018. Seed priming influence on seedling vigour of Kodo millet. In: International Symposium on Innovations and Advancements in Agriculture and Plant Sciences (IAAPS 2018), Dhanalakshmi Srinivasan Agriculture College, Perambalur , Tamil Nadu. P.no. 39-40
- **Sridevi. R** and V. Manonmani. 2017. Enhancing the seed yield and productivity of proso millet through seed priming technique. In: Proceedings of XIV National seed seminar on food security through augmented seed supply under climate uncertainties held during 28-30 January, 2017 at ICAR-IARI, New delhi. P.no. 137.
- **Sridevi. R** and V. Manonmani. 2016. Organo priming for enhanced germination and vigour – An overview. In: Proceedings of Agricultural Graduate Students Conference at Tamil Nadu Agricultural University, Coimbatore. P.no. 164-165.
- **Njtp. uh.** kw;Wk; kNdhd;kzp. Nt. 2016. tpj Cl;lNkw;Wjyhy; gdptuF tpjifspy; Vw;gLk; tpidapay; khw;wq;fs;. mwptpay; jkcopy; Ntshz;ik. md;gpy; jh;kypq;fk; Ntshz;ik fy;Y}hp kw;Wk; Muha;r;rp epiyak; jpUr;rpuhg;gs;sp. 990-991.

Awards

- Gold medal and Dr. S. Mahendran Award for the best M.Sc. (Agri.) thesis in water management - Tamil Nadu Agricultural University, Coimbatore
- Best Research Scholar Award - Indian Academic Researchers Association