



Mrs. Neethu Francis

Assistant Professor (Plant Breeding and Genetics)

Department of Agriculture

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Academic Background

Degree	University	Pass out Year
Master of Science (M.Sc.) Genetics and Plant Breeding	Tamil Nadu Agricultural University, Tamil Nadu	2017
Bachelor of Science (B.Sc. Hons.) Agriculture	Kerala Agricultural University, Kerala	2015

Qualified the National Eligibility Test for Lectureship / Assistant Professorship conducted by AGRICULTURAL SCIENTISTS' RECRUITMENT BOARD in 2017.

Research Interests

- Plant breeding and genetics
- Induced mutations
- Photosynthetic efficiency
- Stress tolerance

Memberships in Professional Bodies

Madras Agricultural Students Union

Indian Society of Plant Breeders

MOST RECENT PUBLICATIONS

- **Francis, N.**, Ravikesavan, R., Iyanar, K., Raveendran, M., Chitdeshwari, T. and Senthil, A., **2022**. Dose Optimization, Mutagenic Effectiveness and Efficiency of EMS in Proso Millet (*Panicum miliaceum* L.). *Madras Agricultural Journal*, 109 (march (1-3)), p.1.
- **Francis, N.**, Rajasekaran, R., Krishnamoorthy, I., Muthurajan, R., Thiyagarajan, C. and Alagarswamy, S., **2021**. Gamma irradiation to induce beneficial mutants in proso millet (*Panicum miliaceum* L.): an underutilized food crop. *International journal of radiation biology*, pp.1-33.
- **Francis, N.**, Ravikesavan, R., Iyanar, K., Raveendran, M., Chitdeshwari, T. and Senthil, A., **2021**. Rapid Screening of Small Millet Varieties for Seedling Stage Drought Stress Tolerance. *International Journal of plant and soil science*. 33(23): 246-252
- Ravikesavan R., and **Neethu Francis**. **2020**. Genetic and genomic resources for improving proso millet (*Panicum miliaceum* L.): a potential crop for food and nutritional security. *The Nucleus*, 1-12.
- **Neethu Francis** and D. Packiaraj. **2020**. Genetic uniformity of varieties and an assessment on the diversity among the elite varieties of rice (*Oryza sativa* L.). *Electronic Journal of Plant Breeding*, 11(3):896-900.
- Nimitha K. and **Neethu Francis**. **(2021)** Statistical methods and biometrical techniques in plant breeding. Daya Publishing House, Astral International Private Limited. ISBN No: 9789390435326 (Book)