



Dr. J. Patricia Kalairasi,

Ph.D.- Crop Physiology

Assistant Professor, Crop Physiology

School of Agriculture and Biosciences, Karunya Institute of Technology and Sciences,
Coimbatore

Mobile No: +91-8171820227

Email: patrica@karunya.edu

Academic Background

Degree	Specialization	University	Year
Ph.D. (Agri)	Crop Physiology	University of Agricultural Sciences, GKVK, Bangalore	2008
M.Sc. (Agri)	Crop Physiology	University of Agricultural Sciences, GKVK, Bangalore	2002
B.Sc. Horticulture	Horticulture	Horticultural College and Research Institute, Periyakulam	1999

Certifications

- Qualified the Agricultural Research Scientist National Eligibility Test (ARS NET), 2005.
- Awarded the Junior Research Fellowship by the Center for Scientific and Industrial Research (CSIR), Government of India, June 2003, for research at the PhD level and then promoted in 3rd term of Scholarship as Senior Research Fellow
- Certificate of the National Eligibility Test, conducted by the CSIR, Government of India, June 2003

Courses Taught

- Crop Physiology, Biochemistry, Biotechnology

- Principles of Genetics, Botany of Horticultural Crops
- Medicinal and Aromatic Crops, Spices and Plantation, Vegetable Production

Research Interests

- Abiotic stress
- Isolation and Functional validation of Abiotic stress genes
- Proteomics
- Plant Growth promoting microbes under abiotic stress

Professional Experience

- Teaching: 6 Years

Publication

Identification and functional validation of a unique set of drought induced genes preferentially expressed in response to gradual water stress in peanut. Geetha Govind · Vokkaliga Thammegowda Harshavardhan ,**Jayaker Kalaiarasi Patricia** · Dhanalakshmi Ramchandra Iyer, Muthappa Senthil Kumar · Nese Sreenivasulu · Makarla Udaya Kumar. Mol Genet Genomics: DOI 10.1007/s00438-009-0432-z. Received: 17 November 2007 / Accepted: 30 January 2009