

**Name of Faculty Member:** Dr. T. Arivelarasan  
**Department:** Agricultural Economics  
**Email Address:** [arivelarasan.t@kaveriuniversity.edu.in](mailto:arivelarasan.t@kaveriuniversity.edu.in)

## 1. Research Articles Published

- Mohanraj, K., Karthikeyan, C., Paramasivam, R., Arivelarasan, T., Umanath, M., Anbarasan, P., Rajasekaran, R., & Kumar, T.P. 2024. Determination of the Factors Influencing Adaptation Strategies of Tank-irrigated Farmers: Empirical Evidence from Tamil Nadu. *Agricultural Science Digest*. 44(6), 1043-1049.
- Kingsly, I.T., Balasubramanian, M., Arivelarasan, T., & Kumar, S. 2024. Water withdrawal and sustainability concerns in sugarcane cultivation in Western India: An application of the SURE model. *Irrigation and Drainage*.
- Kiruthika, N. and Karthick, V. and Senthilnathan, S. and Arivelarasan, T. 2023. Economic Analysis of Resource Use Efficiency of Turmeric in Erode District of Tamil Nadu, India. *Journal of Scientific Research and Reports*; 29(12); 55-60.
- Arivelarasan, T., Manivasagam, V.S., Geethalakshmi, V., Bhuvaneswari, K., Natarajan, K., Balasubramanian, M., Gowtham, R., & Muthurajan, R. 2023. How Far Will Climate Change Affect Future Food Security? An Inquiry into the Irrigated Rice System of Peninsular India. *Agriculture*. 13(3):551.
- Meraj Sarwary, S Senthilnathan, Venkatachalam Saravanakumar, Tamilarasu Arivelarasan, VS Manivasagam. 2021. Climate risks, farmers perception and adaptation strategies to climate variability in Afghanistan, *Emirates Journal of Food and Agriculture*; 33 (12):2797.
- M Balasubramanian, P Anbukani, M L Nithyashree, K Krishna Reddy, T Arivelarasan. 2020. Adoption and impact of water-saving technologies in the Nagarjuna Sagar Project area of Andhra Pradesh. 32(2):229-237.
- Karunakaran K. R., Arivelarasan T., M. Udhaya Kumar. 2019. Farm mechanization and agricultural growth in Eastern India. *International Journal of Agricultural Sciences*. 16(12):239-249.
- Arivelarsan T and Sekar C. 2019. Food Consumption Pattern of Cauvery Delta Region of Tamil Nadu-An Application of Quadratic Almost Ideal Demand System (QUAIDS). *Economic Affairs*. 64(2):361-366.
- Jenny Kapngaihlian, T Arivelarasan and Yendrembam Latika Devi. 2018. Time Series Modeling for Forecasting of Maize Production and Prices in India. *Research Journal of Agricultural Sciences*. 9(1): 132-136.
- Sivaramane, N., Ganesh Kumar, B., Ranjit Kumar and Arivelarasan, T. 2018. Mapping of diverse production system offinger millet (*eleusinecoracana* L.) In tamil nadu. *Multilogic in Science*. 8:361-367
- Latika Devi Y, Arivelarasan T, Jenny Kapngaihlian. 2017. Pulses production in India: Trend and decomposition analysis. *Economic Affairs*. 62(3): 435-438.
- Balaji SJ, Arivelarasan T, Surendran A, Anbukani P. 2017. Pattern, expenditure and inequality in food and non-food consumption among rural households-A micro level study in Tamil Nadu. *Indian Journal of Economics and Development*. 13(1):105-110.
- Arivelarasan, T., Chinnadurai, M., Alagumani, T. 2016. Analysis of farm efficiency in rice production: application of data envelopment analysis. *Life Sciences Leaflets*. 71:101-109.
- Arivelarasan T, Latika Devi Y, Jenny Kapngaihlian. 2016. Behavioural Approach to Food Security: A Micro Level Study from Southern Part of India. *Advances in Life Sciences*. 5(21): 9732-9766.

- Latika Devi Y, Arivelarasan T, Jenny Kapngaihlian. 2016. Spatial Integration of Maize Market In Tamil Nadu: An Application Of Co-Integration Analysis. Progressive Research – An International Journal. 11(5):3492-3494.
- Arivelarasan T, Chinnadurai M., Alagumani T., Swaminathan B. 2016. Developing Food Security Index for Vulnerable Sections of Rural Households in the Perambalur District of Tamil Nadu. Trends in Biosciences. 8(1):48-53.
- Arivelarasan T, Chinnadurai M., Swaminathan B. 2014. Status of Food Security among the Vulnerable Sections of Rural Households: An Application of Almost Ideal Demand System (AIDS) Model. Trends in Biosciences. 7(20):3325-3330.

## 2. Books Published

- **Arivelarasan, T.**, Umamaheshwari, M., & Balasubramanian, M. Agricultural Economics (For Competitive Examinations - ARS/NET/SRF/JRF). Sri Sakthi Promotional Litho Process. **2017, ISBN: 9788193429402.**

## 3. Book Chapters

- Palanisami K., Panneerselvam S., & **Arivelarasan T.** Scaling-up Technology Adoption for Enhancing Water Use Efficiency in India. Scaling-up Solutions for Farmers. Springer. **2021.**
- Kavitha, B., & **Arivelarasan, T.** Future Challenges of Ground Water Usage in Agriculture – Policy Options to Sustain Ground Water Resources in Tamil Nadu. Groundwater Resource Management for Sustainable Development: Special Emphasis on Coastal and Urban Environment. CERDM, Kozhikode. **2020.**
- **Arivelarasas, T., &** Alagumani, A. An Application of Data Envelopment Analysis on Rice Farming. Fuel. Fuel (Feed, Unite, Educate & Lead) the Future. University Press, Tamil Nadu Agricultural University. **2014.**

## 4. Popular Articles

| S.No. | Author(s),                                                  | Title of Article                                        | Platform/Publication Name |
|-------|-------------------------------------------------------------|---------------------------------------------------------|---------------------------|
| 1.    | <b>Arivelarasan, T., &amp;</b> Sekar, C.                    | Climate Change and Food Security.                       | Agrobios Newsletter       |
| 2.    | <b>Arivelarasan, T.</b>                                     | Water Situation in India – Perspective to Food Security | Agrobios Newsletter       |
| 3.    | Jenny, K., Latika Devi, Y., & <b>Arivelarasan, T.</b>       | Unemployment – Types, Consequences and its Remedies.    | Agrobios Newsletter       |
| 4.    | Latika Devi, Y., Jenny, K., & <b>Arivelarasan, T.</b> (2017 | Inflation: Type, Factor, Effect and Remedy.             | Agrobios Newsletter       |
| 5.    | Latika Devi, Y., <b>Arivelarasan, T., &amp;</b> Jenny, K.   | Origin and Importance of Microfinance in India.         | Agrobios Newsletter       |