



Dr. A.Asha Monicka

Assistant Professor, Agricultural Process Engineering

Department of Agriculture

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Academic Background

Degree	University	Year
Ph.D	Tamil Nadu Agricultural University, Coimbatore	2018
M.Tech.	Tamil Nadu Agricultural University, Coimbatore	2013
B.Tech.	Tamil Nadu Agricultural University, Coimbatore	2011

Courses Taught

1. Farm Machinery and Power
2. Protected Cultivation and Secondary Agriculture
3. Soil and water conservation
4. Post Harvest Engineering of cereals, oilseeds and Pulses
5. Engineering Properties of biological materials and food quality
6. Process Engineering of spices and plantation crops
7. Food Supply Chain Management

Research Interests

- Design of Processing Equipment's
- Drying Technology
- Value addition

Memberships in Professional Bodies

- Life Member, Indian Society of Agricultural Engineers (ISAE)

MOST RECENT PUBLICATIONS

- **Asha Monicka**, T. Pandiarajan and S. Ganapathy. 2021. Development and performance evaluation of dehusked coconut grading machine. Progress in Agricultural Engineering Sciences. **DOI: 10.1556/446.2021.00022**
- **A. Asha Monicka**, T. Pandiarajan and S. Ganapathy. 2021. Determination of key parameters for grading dehusked coconut using principal component analysis. Journal of applied Horticulture. 23(1): 15-18.
- **A. Asha Monicka**, T. Pandiarajan, S. Ganapathy. C. Indu Rani and R. Sathy. 2017. Characterization of Attributes in Dehusked Coconut. Journal of Agricultural Engineering (ISAE), 54(4): 37-42.
- **A. Asha Monicka**, C. Indu Rani and P.Rajkumar. 2017. Storage Stability and Antioxidant Activity of Encapsulated Carotenoid from Pumpkin Pulp. Madras Agricultural Journal, 104 (10-12): 415-419.