

Artificial Intelligence Assisted Technologies for Controlling the Drying of Fruits and Vegetables using Physical Fields: A Review

Amit Choudhary and Dr. Munna Verma

Research Scholar. and Associate Professor

Department of Mechanical Engineering, Bhagwant University, Ajmer, Rajasthan, India

amitchoudhary1989@gmail.com

Abstract: *Artificial intelligence (AI), which is considered by ability to learn and adapt continuously, can enhance the fault tolerance and robustness in process control. Application of high-efficiency physical fields such as microwave, radio frequency, infrared radiation and ultrasonic fields can result in efficient production of dried fruit and vegetable products with high quality. Whether the combination of AI technology and efficient physical field can obtain better dried products of fruits and vegetables, and how AI can be applied in the drying process of fruit and vegetable, has attracted extensive attention*

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