



**Centre of Excellence for Digital Farming Solutions for
Enhancing Productivity By Robots, Drones And AGVs (DFSRDA)
Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani (MS)**



Organizing

One week online webinar series on

**Role of technologies and automation in food
processing and preservation**

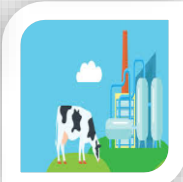
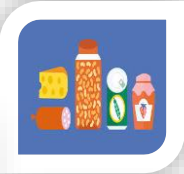


14 to 19 May, 2020

Center for Advanced Agricultural Science and Technology (CAAST) on Centre of Excellence for Digital Farming Solutions for Enhancing Productivity by Robots, Drones and AGV's (DFSRDA), **Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani** is organizing a one week online webinar on “Role of Technologies and automation in food processing and preservation”.

Objective

To bring together researcher scholars, scientists, food processor, food engineers, regulatory bodies and young professionals working in fields to discuss and deliberate on challenges, opportunities and strategies involved in field of food processing its automation. The webinar will provide a forum to academic researchers and industries to discuss critical issues concerning food processing automation.



Background

Automating the food processing industry is becoming critical in today's rapidly changing environment. Several factors are pushing the industry towards using automation, which may range from simple controls to highly sophisticated controls using advanced sensors capable of measuring intangible properties such as flavour, taste, smell, etc. These factors include: increasing competition from globalization and mergers, the consumer demand for higher quality goods, higher emphasis on cleanliness and hygiene, safety factors and the high costs of insurance and compensation, and flexibility in manufacturing for more diversified product lines. In today's competitive market, it is not uncommon for manufacturers to change the processing conditions or formulation to provide a 'new and improved' version of their own existing products. This requires a control system with which the chemist or process engineer can easily modify the recipe. To remain competitive, the industry must build in manufacturing flexibility, allowing for greater product diversity and manufacturing yield, better quality control to satisfy customer requirements and tighter material flow control to contain product cost.

Automating plant operations is one of the ways the industry can respond to these challenges. Understanding this need of the food processing sector, one week webinar on "Role of Technologies and Automation in food processing and preservation" is being organized by CAAST-DFSRDA, VNMKV, Parbhani from May 14-19 May through online mode.

Registration details

PG, PhD Students, Faculties, Scientists and Staff of Vasantao Naik Krishi Vidyapeeth, Parbhani and other Agricultural Universities, KVK SMS, Food processing Institutes/Organizations and Food processing experts from Agriculture/Food regulatory departments are eligible to register and are requested to take advantage of the online training course during this COVID- 19 lock down period. The online training will be available to 200 registered eligible candidates (100 candidates of VNMKV, Parbhani and 100 candidates of other Universities/ Institutions). The link for online registration is https://docs.google.com/forms/d/e/1FAIpQLSe_gGKmzrbhH1nhHCuYnpeXFal1h409Lgo3HecIU4ALlc1TIBw/viewform

Registration is open till 13 May 2020 (05:00PM)

Day and Date	Session	Topic
Day 01 14/05/2020	Inauguration function 10:00 AM	
	Session I	Processing and automation for Indian traditional food
	Session II	Opportunities and challenges in food process automation of cottage level industries
Day 02 15/05/2020	Session I	Regulatory aspects of food processing automation
	Session II	Role of postharvest management in doubling the farmers income
Day 03 16/05/2020	Session I	Recent advances in food packaging
	Session II	Non-thermal food processing technologies
Day 04 17/05/2020	Session I	3D food printing- scope and limitations
	Session II	Advance in industrial drying of agricultural produce
Day 05 18/05/2020	Session I	Food nutrition awareness in view of COVID- 19 pandemic
	Session II	Functional Foods and their health benefit
Day 06 19/05/2020	Session I	Chromatographic based analytical techniques to ensure Food Quality and Safety Issues
	Session II	valedictory function

Daily Session I : Morning 10:30 -11:30 AM

Session II : Afternoon 3:00 to 4:00 PM

Patron

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Hon. Vice-Chancellor
VNМКV, Parbhani

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