

### CSIR-Technologies

Technology Status	Institute	Application	Title
Technology Demonstration	CSIR- Central Mechanical Engineering Research Institute[CSIR-CMERI]	Moisture reduction from 85-90% to less than 10% in 4-5 hrs, Perforated SS trays with zigzag travel of hot air, Uniform drying.	Cabinet Dryer for Ginger and Turmeric
		Uniform washing @ 500 kg/hr, Recirculation of the used water with mud filter and pump.	Rotary Drum Washer for Ginger and Turmeric
	CSIR- Indian Institute of Toxicology Research[CSIR-IITR]	Useful for the detection of Argemone oil adulteration in mustard oil, Can be used by the consumers to check the adulteration.	Argemone Oil Detection Kit
	CSIR-Central Electronics Engineering Research Institute[CSIR-CEERI]	Measurement of colour of biscuits is useful in optimum setting of the baking oven parameters.	Smart-camera Based System for Sorting of Biscuits
		Portable and user friendly system, Electrochemical detection, Low cost system and Green technology, Measurement time: 40-45 Sec, Minimum Detection level.	System for Detection of Adulteration in Milk
		Real-time automated system, Sorts post-harvested mangoes especially export varieties, Non-destructive X-ray imaging technique, No health hazards safe for consumption.	X-ray Imaging Based Mango Sorting System
	CSIR-Central Institute of Medicinal and Aromatic Plants[CSIR-CIMAP]	Enhance immune system, Rich source of vitamin C, Unique blend of 12 herbs.	CIM-PAUSAK - Rasayana Based Awaleh
		Formulation having anti-oxidant activity, Enhance immune system, Rich source of vitamin C, Improves digestion and metabolism, Unique blend of two commonly available fruits.	CIM-PHAL-SE - Nutritive Granules
	CSIR-Centre for Cellular and Molecular Biology[CSIR-CCMB]	A major advantage of MAS is that it comes without the biosafety concerns associated with transgenic crops. During the development of Improved Samba Mahsuri, three genes for bacterial blight resistance have been transferred into Samba Mahsuri.	Improved Samba Mashuri (ISM) Rice Variety
	CSIR-National Botanical Research Institute[CSIR-NBRI]	Anti-oxidant, Refreshing mouth freshener, taste like gutkha, Anti- bacterial, Digestive in nature, Tobacco de-addiction property.	HERBICHEW - Tobacco & Chemical Free Herbal Mixture