



Prime Minister Formalization of Micro Food Processing Enterprises Scheme (PM-FME SCHEME)



TRAINING OF MASTER TRAINERS

Handbook of Spices and Plantation Crops Processing

Organized by

ICAR-Central Plantation Crops Research Institute
Kasaragod, Kerala, India

In Collaboration with

Indian Institute of Food Processing Technology, Thanjavur, Tamil Nadu

Venue

ICAR-Central Plantation Crops Research Institute
Kasaragod, Kerala, India
Mode: Online

Duration

19 - 23 January 2021
Time: 8 h/day (40 hrs/5 days)



TRAINING AGENDA

Day 1: 19.01.2021

Time	Schedule	Online	Demo/ Self learning	Speaker
10.00 AM – 11.00 AM	On boarding of participants, Orientation and self introduction	60 min		
11 AM	ICAR Song			
11.02 AM – 11.05 AM	Welcome Address	5 min		Dr. K.Muralidharan, HoD (Social Science) ICAR-CPCRI, Kasaragod
11.05 AM – 11.15 AM	Presidential Address	10 min		Dr Anitha Karun, Director ICAR-CPCRI, Kasaragod
11.15 AM – 11.30 AM	Inaugural Address	15 min		Sh. Atul Saxena, Joint Secretary MoFPI, Govt.of India
11.30 AM – 11.40 AM	Address by Guest of Honour	10 min		Dr C. Anandharamakrishnan Director, IIFPT, Thanjavur
11.40 AM – 11.45 AM	Vote of Thanks	5 min		Dr. M. R. Manikantan Principal Scientist ICAR-CPCRI, Kasaragod

TRAINING AGENDA

Day 1: 19.01.2021

Time	Schedule	Online	Demo/ Self learning	Speaker
12.00 PM – 01.00 PM	Overall scenario of food processing sector & overview of PMFME scheme, guidelines, objectives, capacity building framework and its implementation	60 min		Dr C. Anandharamakrishnan Director, IIFPT, Thanjavur
01.00 PM – 02.00 PM	Lunch Break			
02.00 PM – 03.00 PM	Status, market size and Scope of spices and plantation crop processing industry in India	60 min		Dr. S. Jayasekhar Senior Scientist ICAR-CPCRI, Kasaragod
03.00 PM – 04.00 PM	Selection, Procurement and supply chain management of spices and plantation crop for processing industry		60 min	Dr. S. Jayasekhar Senior Scientist ICAR-CPCRI, Kasaragod
04.00 PM – 06.00 PM	Equipments and specifications of machineries in coconut, arecanut and cocoa processing	120 min		Dr. A. C. Mathew Principal Scientist ICAR-CPCRI, Kasaragod

TRAINING AGENDA

Day 2: 20.01.2021

Time	Schedule	Online	Demo/ Self learning	Speaker
09.30 AM – 10.30 AM	Equipments and specifications of machineries in cashew processing	60 min		Dr. D. Balasubramanian Principal Scientist ICAR-DCR, Puttur
10.30 AM – 11.30 AM	Cleaning in Process (CIP)		60 min	Shri. Jaganathan, G. Proprietor, Phoenix Global, Tumkur, Karnataka
11.30 AM – 12.30 PM	Equipments and specifications of machineries in spices processing	60 min		Dr. E. Jayashree Principal Scientist ICAR-IISR, Kozhikode
12.30 PM – 01.00 PM	Lunch Break			
01.00 PM – 02.00 PM	Spices Extracts: Essential oils, oleoresin, flavor and natural color and pigments		60 min	Dr. Anees, K. Scientist (Biochemistry) ICAR-IISR, Kozhikode
02.00 PM – 03.00 PM	Value addition of spices crops		60 min	Dr. E. Jayashree Principal Scientist ICAR-IISR, Kozhikode
03.00 PM – 04.00 PM	Value addition of plantation crops	60 min		Dr. M. R. Manikantan Principal Scientist ICAR-CPCRI, Kasaragod
04.00 PM – 06.00 PM	Coconut based value added products		120 min	Dr. Shameena Beegum and Dr. R. Pandiselvam Scientists, ICAR-CPCRI, Kasaragod

TRAINING AGENDA

Day 3: 21.01.2021

Time	Schedule	Online	Demo/ Self learning	Speaker
10.00 AM – 11.00 AM	Overview of Packaging of spices and plantation crops	60 min		Dr. Tanweer Alam, Director, IIP, Mumbai
11.00 AM – 12.00 PM	Selection of packaging materials and standards for spices and plantation crop products		60 min	Mr. Ponkumar, Deputy Director, IIP, Chennai
12.00 PM – 01.00 PM	Recent packaging techniques to extend the shelf life	60 min		Mr. Ponkumar, Deputy Director, IIP, Chennai
01.00 PM – 02.00 PM	Lunch Break			
02.00 PM – 03.00 PM	Advances in packaging and storage of spices and plantation crops		60 min	Dr. S. Anandakumar, Associate Professor, IIFPT, Thanjavur
03.00 PM – 06.00 PM	Plant layout and maintenance for spices and plantation crops processing	120 min	60 min	Dr. Ravindra Naik Principal Scientist ICAR-CIAE Regional Centre, Coimbatore & Dr. R. Pandiselvam Scientist ICAR-CPCRI, Kasaragod

TRAINING AGENDA

Day 4: 22.01.2021

Time	Schedule	Online	Demo/ Self learning	Speaker
10.00 AM – 01.00 PM	Need for testing of Food GMP, GHP, GLP practices;	120 min	60 min	Dr. Kannan, DO, FSSAI, Chennai
	Notified NABL labs, Referral Labs and Reference Labs in India			Dr. Kannan, DO, FSSAI, Chennai
	Regulations and standards for maintaining food safety and quality –BIS, FSSAI and International standards – FSSAI packaging and labelling requirements. FSSAI registration and licensing procedure.			Dr. Kannan, DO, FSSAI, Chennai
01.00 PM – 02.00 PM	Lunch Break			
02.00 PM – 04.00 PM	ASTA standards for clean spices and CODEX national and international standards relevant to Spices and plantation crops	120 min		Sh. Sanjay Dave, Advisor, FSSAI & Former Chairperson of CODEX
04.00 PM – 06.00 PM	HACCP and its implementation program	60 min	60 min	Dr. N. Anandavalli FAO and WHO Consultant Cochin

TRAINING AGENDA

Day 5: 23.01.2021

Time	Schedule	Online	Demo/ Self learning	Speaker
08.00 AM – 01.00 PM	Emotional self-management, leadership and teaming skills Entrepreneurial, networking and problem management competencies Confidence building and stress management	180 min	120 min	Shri. S. George Senior Leadership & Soft Skills Facilitator, Drishti Centre for Excellence, Mumbai
	Developing creativity, innovative thinking & risk taking ability Effective communication skills Goal setting for performance			Shri. S. George Senior Leadership & Soft Skills Facilitator, Drishti Centre for Excellence, Mumbai
01.00 PM – 02.00 PM	Lunch Break			
02.00 PM – 06.00 PM	Assessment	240 min		FICSI

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