



Training Agenda
‘Online Training of Master Trainers on Fat and Oilseed Processing’
(01-06 January 2021)



| Day 1: 01 January 2021, Friday | | | |
|--|--|---------------|--|
| Meeting Link: https://us02web.zoom.us/j/87410015707?pwd=bER4cmhucFhWcHhXM3I2RzR4TFNsQT09 | | | |
| Time | Schedule | Online | Speaker |
| 10:05 am- 10:15 am | On boarding of participants | 10 min | |
| 10:15 am | ICAR Song | 03 min | |
| 10:18 am | Welcome Address | 05 min | Dr. D. N. Yadav Principal Scientist, ICAR-CIPHET, Ludhiana |
| 10:22 am- 10:45 am | Introduction of Participants | 23 min | |
| 10:45 am | Address by Director, ICAR-CIPHET, Ludhiana | 05 min | Dr. Nachiket Kotwaliwale Director, ICAR-CIPHET, Ludhiana |
| 10:50 am | Address by Director, IIFPT, Thanjavur | 05 min | Dr. C. Anandharamakrishnan Director, IIFPT, Thanjavur |
| 10:55 am | Vote of thanks | 03 min | Dr. Ranjeet Singh Principal Scientist, ICAR-CIPHET, Ludhiana |



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| Time | Schedule | Online | Demo/Self learning | Speaker |
| 11:00 am - 12:15 pm | Overview of PMFME scheme | 75 min | | Dr. C. Anandharamakrishnan Director, IIFPT, Thanjavur |
| 12:15 pm - 01:30 pm | Engineering Properties for Quality evaluation of Fats and Oilseeds | 75 min | | Dr. Nachiket Kotwaliwale Director, ICAR-CIPHET, Ludhiana |
| 01:30 pm- 02:00 pm | Lunch break | | | |
| 02:00 pm - 04:00 pm | Microencapsulation techniques for oils | 120 min | | Dr. K. Narsaiah Principal Scientist & Head, ASEC Division, ICAR-CIPHET, Ludhiana |
| 04:00 pm - 06:00 pm | Technologies for Refining of edible oils and fats. | 120 min | | Dr. S. K. Tyagi Principal Scientist & PC AICRP-PHET, ICAR-CIPHET, Ludhiana |
| 06:00 pm - 07:00 pm | Self-learning on Technologies for Refining of edible oils and fats. | | 60 min | |



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| Day 2: 02 January 2021, Saturday | | | | |
|--|---|---------|--------------------|---|
| Meeting link: https://us02web.zoom.us/j/86386447434?pwd=ZWQ4TWZrZ0VWYWYzTkFDT2crc1RWUT09 | | | | |
| Time | Schedule | Online | Demo/Self learning | Speaker |
| 09:30 am - 11:30 am | Quality aspects of canola and groundnut oil | 120 min | | Dr. Virender Sardana Principal Agronomist (oilseeds), Department of Plant breeding and Genetics, PAU, Ludhiana |
| 11:30 am - 01:30 pm | Advanced methods for the fortification of oils and fats | 120 min | | Dr. Manju Bala Principal Scientist, FGOP Division, ICAR-CIPHET, Ludhiana |
| 01:30 pm- 02:00 pm | Lunch break | | | |
| 02:00 pm - 04:00 pm | Technologies for valorization of de-oiled cakes | 120 min | | Dr. D. N. Yadav Principal Scientist, FGOP Division, ICAR-CIPHET, Ludhiana |
| 04:00 pm - 06:00 pm | Packaging consideration for fats and oilseeds | 120 min | | Dr. Ranjeet Singh Principal Scientist, ToT Division, ICAR-CIPHET, Ludhiana |
| 06:00 pm - 07:30 pm | Self-learning | | 90 min | |
| 03 January 2021, Sunday (Holiday) | | | | |



Training Agenda

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| Day 3: 04 January 2021, Monday | | | | |
|--|---|---------------|---------------------------|--|
| Meeting Link: https://us02web.zoom.us/j/83994329141?pwd=UkI3NzV4b0tiNGJsd295ODNrSVcxdz09 | | | | |
| Time | Schedule | Online | Demo/Self learning | Speaker |
| 09:30 am - 11:30 am | Edible oilseeds processing technologies in India | 120 min | | Dr. S. K. Nanda Ex PC AICRP-PHET, Ex-Head FGOP Division, ICAR-CIPHET, Ludhiana |
| 11:30 am - 01:30 pm | Use of oil expellers and other equipment for oil extraction | 120 min | | Dr. Mahesh Kumar Professor, Department of Processing & Food Engineering, PAU, Ludhiana |
| 01:30 pm- 02:00 pm | Lunch break | | | |
| 02:00 pm - 04:00 pm | Process technologies for extraction of essential oils and oleoresins. | 120 min | | Dr. R. K. Vishwakarma Principal Scientist, FGOP Division, ICAR-CIPHET, Ludhiana |
| 04:00 pm - 06:00 pm | Role of Oils and Fats in human nutrition | 120 min | | Dr. Mridula D. Principal Scientist & Head, FGOP Division, ICAR-CIPHET, Ludhiana |
| 06:00 pm - 07:30 pm | Self-learning | | 90 min | |



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| Day 4: 05 January 2021, Tuesday | | | | |
|--|--|---------|--------------------|---|
| Meeting link: https://us02web.zoom.us/j/85363955817?pwd=WmJhYUxuZVRyRTJrUU5TQXhHd08ydz09 | | | | |
| Time | Schedule | Online | Demo/Self learning | Speaker |
| 09:30 am - 11:30 am | Modern Storage technologies for oilseeds | 120 min | | Dr. Sandeep Mann Principal Scientist, ToT Division, ICAR-CIPHET, Ludhiana |
| 11:30 am - 01:30 pm | Advances in processing technologies of animal fats and their utilization | 120 min | | Dr. M. K. Chatli Dean, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana. |
| 01:30 pm- 02:00 pm | Lunch break | | | |
| 02:00 pm - 04:00 pm | Advances in process technologies for fat-rich dairy products | 120 min | | Dr. S. Siva Kumar Assistant Scientist - cum - Head, Department of Dairy Tech, GADVASU, Ludhiana |
| 04:00 pm - 06:00 pm | Food safety and standards for fats and oilseeds | 120 min | | Dr. Rahul K. Anurag Scientist, ASEC Division, ICAR-CIPHET, Ludhiana |
| 06:00 pm - 07:30 pm | Self-learning | | 90 min | |



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| Day 5: 06 January 2021, Wednesday | | | | |
|--|--|--------|--------------------|---|
| Meeting link: https://us02web.zoom.us/j/81317372813?pwd=ZVRid0UzeFM3WVVzWHpTL0JLK1RIUT09 | | | | |
| Time | Schedule | Online | Demo/Self learning | Speaker |
| 09:30 am - 10:30 am | Problem Management and enhancement of entrepreneurial competencies | 60 min | | Dr. Ramandeep Singh Professor, School of Business Studies, PAU, Ludhiana |
| 10:30 am - 11:30 am | Plant layout and maintenance for oil processing equipment | 60 min | | Dr. Sandeep P Dawange Scientist, ToT Division, ICAR-CIPHET, Ludhiana |
| 11:30 am - 01:30 pm | Innovations in production technologies for animal origin fats and oils and their processing. | 90 min | | Dr. A. K. Singh Principal Scientist, Dairy Technology Division, ICAR-NDRI, Karnal |
| 01:30 pm- 02:00 pm | Lunch break | | | |
| 02:00 pm - 06:00 pm | Evaluation by FICSI | | | |