

**Programme Schedule of  
Skill Development Course-II on “Secondary Agriculture”  
December 03-17, 2019**

Sr. No.	Topic	Resource Persons	Time (hrs.)
	Inaugural Programme		10:00-11:20
	Pre-training evaluation of participants		11:20 -12:00
<b>Lunch break</b>			
V-1	Visit to PHT, FQTL, Forestry and LRS	Respective Co-PIs	02:30-04:30
<b>04/12/2019</b>			
L-1	Advances in post- harvest technology of horticultural crops	<b>Dr. S. P. S. Guleria</b> Professor and Head (Retd.) Dept. of Food Science and Technology Faridabad, Haryana	09:00-10:30
L-2	Significance and scope of secondary agriculture in India	<b>Prof. Sukhpal Singh</b> Professor, Centre for Management in Agriculture, IIM, Ahmedabad, Gujarat	11:00-12:30
L-3	Safe approaches for post-harvest value addition of horticulture Produce	<b>Dr. Shruti Shethi</b> Principle Scientist (Food Science), Division of Food Science and PHT ICAR-IARI, New Delhi	12:00-01:30
<b>Lunch break</b>			
P-1	Practical on processing and value addition of potatoes	<b>Dr. Dev Raj</b> Professor and Head, Dept. of Post-Harvest Technology, ASPEE College of Horticulture and Forestry, NAU, Navsari, Gujarat	02:30-04:30
<b>05/12/2019</b>			
L-4	Utilization of banana fiber and banana waste	<b>Dr. Suresh Kumar</b> Sr. Scientist (Post Harvest Technology), Department of Crop Production and Post-Harvest Technology, ICAR-NRC for Banana, Tiruchirapalli, Tamil Nadu	09:00-10:30
L-5	Hands on training processing and value addition of potatoes	<b>Dr. Dev Raj</b> Professor and Head, Dept. of Post-Harvest Technology, ASPEE College of Horticulture and Forestry, NAU, Navsari, Gujarat	10:30-12:00
L-6	Safe ripening and waxing techniques to maintain the quality of horticultural produce	<b>Dr. B. V. C. Mahajan</b> Director, Punjab Horticultural Postharvest Technology Centre (PHPTC), PAU, Ludhiana, Punjab	12:00-01:30
<b>Lunch break</b>			
P-2	Practical on preparation of handmade paper from waste	<b>Dr. C. S. Desai</b> Assis. Res. Sci. (PHT), Banana Pseudostem Processing Unit, SWMRU, NAU, Navsari, Gujarat	02:30-04:30
<b>06/12/2019</b>			
L-7	Utilization of sea food derived waste for the preparation of biodegradable films and its potential food applications	<b>Dr. Gaurav Kumar Pal</b> Scientist (SS), Department of Life Sciences, Central University of Karnataka	09:00-10:30

L-8	Social equity and environment safety in research projects	<b>Dr Alpesh Leua</b> Assistant Professor, ASPEE Agribusiness Management, NAU, Navsari, Gujarat	10:30-12:00
L-9	Awareness of HACCP, ISO and quality standard certification	<b>Mr. Brajraj Sengar</b> FSMA Auditor Food Safety and Quality Solutions 4, Sarthak, S. No. 34/2, Ingale Nagar, Narhe-Dhayri Road, Narhem Pune, Maharashtra	12:00-01:30
<b>Lunch break</b>			
P-3	Practical on osmotic dehydration	<b>Dr. N. V. Patel</b> Assistant Professor, Dept. of Post-Harvest Technology, ASPEE College of Horticulture and Forestry, NAU, Navsari, Gujarat	02:30-04:30
<b>07/12/2019</b>			
L-10	Estimation of climatic variables and physical, physiological, biochemical and behavioral indicators of heat stress for dairy cow	<b>Dr. Gyanendra Singh</b> Principal Scientist, Physiology & Climatology Division, IVRI, Bareilly, Uttar Pradesh	10:00-11:30
L-11	Biodegradable plastic from biomaterials and its social impact	<b>Dr. Rajkumar Halder</b> CEO & Founder, Ruhvenile Biomedical OPC Pvt. Ltd., Sarita Vihar, New Delhi	11:30-01:00
<b>Lunch break</b>			
L-12	Status, opportunities and challenges in organic dairy farming in India	<b>Dr. N. B. Patel</b> Research Scientist, LRS, NAU, Navsari, Gujarat	02:00-04:00
<b>08/12/2019</b>			
Holiday			
<b>09/12/2019</b>			
L-13	Dairy farm building layouts/designs for different agro climatic regions and different animal holding size	<b>Dr S. S. Lathwal</b> Principal Scientist, LPM, NDRI, Karnal, Haryana	09:00-10:30
L-14	An appraisal of farm women empowerment through secondary agriculture	<b>Dr. Veenita Kumari</b> Deputy Director (Gender Studies), MANAGE, Rajendranagar, Hyderabad, Telangana	10:30-12:00
L-15	Status and scope of marketing intelligence in Indian dairy business management	<b>Prof. Kushankur Dey</b> Assistant Professor, IIM, Lucknow, Uttar Pradesh	12:00-01:30
<b>Lunch break</b>			
L-16	Best from dairy cattle waste: an understanding through conventional and non-conventional saleable products	<b>Dr. D.V. Singh</b> Head, LPM, GBPU & AT, Pantnagar, Uttarakhand	02:30-04:30
<b>10/12/2019</b>			
L-17	Water use efficiency in dairy farming: Indian and global	<b>Dr. Debabrata Sethi</b> Scientist (Veterinary Extension),	09:00-10:30

	perspective	ICAR-IIWM, Bhubaneswar, Odisha	
L-18	Relevance of emotional intelligence in Indian agricultural education system	<b>Satyendra Pandey</b> Assistant Professor, IRMA, Anand, Gujarat	10:30-12:00
L-19	Advances in milk quality evaluation; natural constituents and adulterant perspective	<b>Dr. Swati Gupta</b> Assistant Professor, LPT, CVSc & AH, NAU, Navsari, Gujarat	12:00-01:30
<b>Lunch break</b>			
L-20	Economics of dairy farming	<b>Dr. S. Pan</b> Professor & Head LPM (Retired) WBUA & FSc, Kolkata, West Bengal	02:30-04:30
<b>11/12/2019</b>			
L-21	Recent trends in utilization of NTFPs	<b>Dr. Amol Vasishth</b> Associate Professor, Department of FPU, College of Forestry, Ranichauri, Uttarakhand	09:00-10:30
L-23	Importance of botanicals and its use in management of insect pests and diseases	<b>Dr. N. S. Thakur</b> (SAF) College of Forestry, NAU, Navsari, Gujarat	10:30-12:00
L-24	Tree borne oil Seeds (TBOs)-role, seed collection, oil extraction and value addition	<b>Dr. M. S. Sankanur</b> Asst. Professor, Department of Forest Biology & Tree Improvement College of Forestry NAU, Navsari, Gujarat	12:00-01:30
<b>Lunch break</b>			
L-25	Stress management strategy for students and entrepreneurs	<b>Dr. Rajesh Jain</b> CEO, The Posivators, New Delhi	02:30-04:30
<b>12/12/2019</b>			
L-26	Tree selection and value addition of minor fruits resources	<b>Dr. R. P. Gunaga</b> Associate Professor (FB/AF), College of Forestry, NAU, Navsari, Gujarat	09:00-10:30
L-27	Intellectual property rights: an Indian agriculture sector perspective	<b>Dr. Rizwan Ghasura</b> Assistant Professor, Veterinary Extension, CVSc & AH, NAU, Navsari, Gujarat	10:30-12:00
<b>Lunch break</b>			
L-28	Production, processing, and utilization of honey and bee products	<b>Dr. A. A. Mehta</b> Assistant Professor, (FPU) College of Forestry, NAU, Navsari, Gujarat	02:30-04:00
<b>13/12/2019</b>			
L-29	Genetic improvement of commercially important medicinal and aromatic plants	<b>Dr. R. Nagaraja Reddy</b> Scientist (Plant breeding), ICAR- Directorate of Medicinal and Aromatic Plants Research, Anand, Gujarat	09:00-11:00
L-30	Utilization of bamboo genetic resources	<b>Dr. Ajay D. Rane</b> Associate Professor, College of Forestry, Dr. B.S. Konkan Krishi Vidyapeeth, Dapoli, Maharashtra	11:00-01:00

<b>Lunch break</b>			
L-31	Status and scope of artificial intelligence in dairy farming	<b>Dr. Rana R Singh,</b> Associate Professor, LPM, CVSc & AH, NAU, Navsari, Gujarat	02:30-04:00
L-32	Environmental safety	<b>Dr. Shailendra Vyol</b> Assistant Professor, College of Forestry, NAU, Navsari, Gujarat	04:00-05:30
<b>14/12/2019</b>			
<b>Holiday</b>			
<b>15/12/2019</b>			
<b>Holiday</b>			
<b>16/12/2019</b>			
L-33	An analytical and extraction approaches for the analysis of pesticide residue	<b>Dr. Purushottam Trivedi,</b> Scientist (Pesticide Residue Analysis), Jay Research Foundation. Vapi, Gujarat	10:00-11:00
L-34	Forest resources pertaining to processing, quality and utilization of silk resources	<b>Dr. Praveen Kumar</b> Scientist-D & Head, RSRS, Horticultural University Campus, Mulugu, Telangana	11:00-12:30
<b>Lunch break</b>			
L-35	Scenario of food quality in the era of globalization	<b>Dr. Prashant Bagade</b> Lab Head, National Collateral Management Services Limited (NCML), Hyderabad, Telangana	02:30-03:30
<b>17/12/2019</b>			
L-36	Impact of good agricultural practices (GAPs) on food quality and safety	<b>Dr. Rakesh Chandra Nainwal</b> Scientist- Agronomy, Plant Conservation and Agro-technology, CSIR- NBRI, Lucknow, Uttar Pradesh	10:30-12:00
<b>Lunch break</b>			
	<b>Valedictory function</b>		02:30-04:15