

List of Summer/Winter School [21 Days] Approved for the year 2019-20 in ICAR-AUs System

CROP SCIENCES

| S.No. | Course Director | Design. | Address | Training Title | Duration | Tentative dates |
|--------------|--------------------------|---------------------|--|---|-----------------|--------------------------|
| 1. | Dr. ISHWAR SINGH SOLANKI | Director | Bihar Agricultural University (BAU_B), Sabour, Bhagalpur, Bihar. | Current Applications, Challenges and Perspective of Genomic Assisted Breeding for Crop Improvement. | 21 days | 03-12-2019 to 23-12-2019 |
| 2. | Dr. V Geethalakshmi | Director | Tamil Nadu Agricultural University (TNAU), Coimbatore, Tamil Nadu. | Regional Integrated Assessment of climate change on Agriculture. | 21 days | 06-11-2019 to 26-11-2019 |
| 3. | Dr. M. MOHAN | Senior Scientist | ICAR-National Bureau of Agricultural Insect Resources (NBARI), Bangalore, Karnataka. | Insecticide resistance: Biochemical and molecular perspectives; and strategies for combating resistance to insecticides. | 21 days | 03-09-2019 to 23-09-2019 |
| 4. | Dr. G.SIVAKUMAR | Principal Scientist | ICAR-National Bureau of Agricultural Insect Resources (NBARI), Bangalore, Karnataka. | Novel techniques in mass culturing of smart microbial bio-control agents for the development of bio-pesticides. | 21 days | 03-12-2019 to 23-12-2019 |
| 5. | Dr. T.K.Kunhamu | Professor & Head | College of Forestry (KAU), Vellanikkara, Kerala. | Agro-forestry for Climate Change Mitigation, Biodiversity Conservation and Resilience in Agro-ecological Systems: Current | 21 days | 03-12-2019 to 23-12-2019 |

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| | | | | Trends and Future Strategies. | | |
| 6. | Dr. Manubhai Prahladbhai Patel | HOD | Chimanbhai Patel College of Agriculture (SDAU), SardarKrushinagar, Gujarat. | Innovative tools and techniques for Bio-fortification. | 21 days | 03-10-2019 to 23-10-2019 |
| 7. | Dr. Pardeep Kumar Chhuneja | Professor & Head | Punjab Agricultural University (PAU), Ludhiana, Punjab. | Ecological perspectives in arthropod pest management for sustainable crop production. | 21 days | 03-10-2019 to 23-10-2019 |
| 8. | Mrs. Dr Sameera Qayoom | Associate Professor | Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir (SKUASTK), Srinagar, Jammu & Kashmir. | Same field, better yield: Understanding on current and emerging technologies for doubling farmer's income. | 21 days | 15-07-2019 to 04-08-2019 |

HORTICULTURE SCIENCES

| S.No. | Course Director | Design. | Address | Training Title | Duration | |
|-------|-------------------------|----------------|--|--|----------|--------------------------|
| 9. | Dr. Manoj Kumar | Joint Director | ICAR- Regional Station, CPRI (Meerut) (CPRI, RS), Meerut, Uttar Pradesh. | Advancement in potato production technology y and its future prospects. | 21 days | 19-11-2019 to 09-12-2019 |
| 10. | Dr. Bhoopal Singh Tomar | HOD | ICAR-Indian Agricultural Research Institute (IARI), New Delhi, Delhi. | Breeding and Genomic tools for Stress resistance in vegetable crops. | 21 days | 17-09-2019 to 07-10-2019 |
| 11. | Dr. GOPAL LAL | Director | ICAR-National Research Centre on Seed Spices (NRCSS), Ajmer, Rajasthan. | Good agricultural practices and value chain management in high value low volume horticultural crops. | 21 days | 01-02-2020 to 21-02-2020 |

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| 12. | Dr. Sanjay Kumar Singh | HOD | ICAR-Indian Agricultural Research Institute (IARI), New Delhi, Delhi. | Non conventional Approaches for Genetic Improvement of Perennial Horticultural Crops. | 21 days | 16-11-2019 to 06-12-2019 |
| 13. | Dr. Dayaram | Professor | Rajendra Agricultural University (RAU), Pusa, Samastipur, Bihar. | Income and Employment Generation among Youth through Mushroom Production Technology. | 21 days | 05-11-2019 to 25-11-2019 |
| 14. | Dr. Rajendra Singh Rathore | Associate Professor | Swami Keshwanand Rajasthan Agricultural University (SKRAUB), Bikaner, Rajasthan. | Hi-tech approaches for production and value addition of horticultural crops in arid and semi arid regions. | 21 days | 07-11-2019 to 27-11-2019 |

NATURAL RESOURCE MANAGEMENT

| S.NO | Course Director | Design. | Address | Training Title | Duration | |
|------|---------------------------|---------------------|---|---|----------|--------------------------|
| 15. | Dr. N. G. PATIL | Principal Scientist | ICAR-National Bureau of Soil Survey and Land Use Planning (NBSSLUP), Nagpur, Maharashtra. | Land resources management for climate smart agriculture. | 21 days | 02-09-2019 to 23-09-2019 |
| 16. | Dr. Narendra Pratap Singh | Director | ICAR-National Institute of Abiotic Stress Management (NIASM), Pune, Maharashtra. | Climate smart agricultural technologies for resource conservation and increasing farmer's income. | 21 days | 05-07-2019 to 25-07-2019 |

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| 17. | Dr. KAMAL KISHORE YADAV | Associate Professor | College of Technology and Engineering (MPUA&T), Udaipur, Rajasthan. | Up-scaling of water productivity in arid and Semi- arid areas for sustainable agriculture. | 21 days | 01-08-2019 to 21-08-2019 |
| 18. | Dr. Satyanarayana Rao | Professor & Head | University of Agricultural Sciences (UASR), Raichur, Karnataka. | Technological advances made, priorities and future strategies in organic agriculture for sustainable farm production and doubling farmers income | 21 days | 03-12-2019 to 23-12-2019 |
| 19. | Dr. BHOM SINGH DEORA | Professor & Head | Sardarkrushinagar Dantiwada Agricultural University (SDAU), Sardarkrushinagar, Gujarat. | Enhancing Water Productivity in Agriculture for Scarcity Zones. | 21 days | 20-11-2019 to 10-12-2019 |
| 20. | Dr. Kamal Sarma | Principal Scientist | ICAR-ICAR Research Complex for Eastern Region (ICARRCER), Patna, Bihar. | Recent Advances in Live-stock fish integrated farming system for rural livelihood and environmental sustainability. | 21 days | 14-11-2019 to 04-12-2019 |
| 21. | Dr. Anupama Singh | Principal Scientist | ICAR-Indian Agricultural Research Institute (IARI), New Delhi, Delhi. | Harnessing new generation green technologies from plant, microbial and waste sources for sustainable crop, environmental and human health. | 21 days | 01-11-2019 to 21-11-2019 |
| 22. | Dr. SUNIL KUMAR DADHICH | Associate Professor | Rajasthan Agricultural Research Institute (SKNAU), Jaipur, Rajasthan. | Advances in Organic Manure Production and Biogas Technology for Entrepreneurial Development and Empowerment of farmers. | 21 days | 08-08-2019 to 28-08-2019 |

| 23. | Dr. PRATIBHA SINGH | Assistant Professor | Rajasthan Agricultural Research Institute (SKNAU), Jaipur, Rajasthan. | Soil Health Management and Plant Nutrition under Changing Climate Scenario. | 21 days | 02-09-2019 to 22-09-2019 |
|---------------------------------|-------------------------|---------------------|---|---|----------|--------------------------|
| 24. | Dr. Yemmanur Sudarsan | Professor | Institute of Agri-Business Management (SKRAU), Bikaner, Rajasthan. | Digital Nutrigation for Resource Conservation in Arid Agro Ecosystem. | 21 days | 11-09-2019 to 01-10-2019 |
| AGRICULTURAL ENGINEERING | | | | | | |
| S.NO. | Course Director | Design. | Address | Training Title | Duration | |
| 25. | Dr. PREM SHANKER TIWARI | HOD | ICAR-Central Institute of Agricultural Engineering (CIAE), Bhopal, Madhya Pradesh. | Application of Sensors, Instrumentation, artificial intelligence and machine learning in Precision Agriculture. | 21 days | 11-02-2020 to 02-03-2020 |
| 26. | Dr. Sunil Kumar | Principal Scientist | ICAR-Central Institute on Post harvest Engineering and Technology (CIPHET), Ludhiana, Punjab. | Cutting edge epitome of processing, value addition and waste utilization of horticultural crops for augmenting farmer income. | 21 days | 17-09-2019 to 07-10-2019 |
| 27. | Dr. Ravi Pratap Singh | Associate Professor | G.B. Pant University of Agriculture and Technology (GBPUAT), Pantnagar, Uttarakhand. | Emerging & Innovative Technologies in Agricultural & Food Engineering. | 21 days | 15-09-2019 to 05-10-2019 |

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| 28. | Dr. LAXMI KANTA NAYAK | Senior Scientist | ICAR-National Institute of Research on Jute & Allied Fibre Technology (NIRJAFT), Kolkata, West Bengal. | Advances in product diversification & waste utilization of natural fibres. | 21 days | 03-12-2019 to 23-12-2019 |
| 29. | Dr. ARUN KUMAR | Assistant Professor | College of Dairy and Food Science Technology (MPUA&T), Udaipur, Rajasthan. | Recent trends in the development, quality and safety assurance of value added dairy and food products for human consumption. | 21 days | 01-02-2020 to 21-02-2020 |
| 30. | Dr. RAJESH KUMAR SINGH | Director | ICAR-Central Institute on Post harvest Engineering and Technology (CIPHET), Ludhiana, Punjab. | Design, innovations and applications of Plastics in Agriculture, Horticulture and Pisciculture production and Post- Harvest management for doubling the Farmer's Income. | 21 days | 06-06-2019 to 26-06-2019 |

ANIMAL SCIENCES

| S.No. | Course Director | Designation | Address | Training Title | Duration | |
|-------|------------------------|-------------|---|---|----------|--------------------------|
| 31. | Dr. Raghavendra Bhatta | Director | ICAR-National Institute of Animal Nutrition and Physiology (NIANP), Bangalore, Karnataka. | Livestock production and climate change: Impact, adaptation and mitigation. | 21 days | 24-09-2019 to 14-10-2019 |
| 32. | Dr. Bimlesh Mann | HOD | ICAR-National Dairy Research Institute (NDRI), Karnal, Haryana. | Technological Advances in Functional Food Ingredients and Validation of Their Claims. | 21 days | 07-06-2019 to 27-06-2019 |

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| 33. | Dr. GANGADHARA NAYAK | Professor | College of Veterinary Science and Animal Husbandry (OUAT), Bhubaneswar, Orissa. | Climate Change Impacts and Innovative Adaptation Options for Smart Animal- agriculture. | 21 days | 06-09-2019 to 26-09-2019 |
| 34. | Dr. K P RAMESHA | HOD | Regional Station, NDRI(Adugodi) (NDRI,RS), Banglore, Karnataka. | Conservation and Improvement of Indigenous Bovine Genetic Resources through Integrated Omic Approaches and Optimal Resource utilization. | 21 days | 19-06-2019 to 09-07-2019 |
| 35. | Dr. Dilip Kumar Sarma | Professor | College of Veterinary Science (AAU), Jorhat, Assam. | Advances in diagnosis and control of endemic and emerging infectious diseases of livestock and poultry in North Eastern Region of India. | 21 days | 03-12-2019 to 23-12-2019 |
| 36. | Dr. AMAR PAL | Principal Scientist | ICAR-Indian Veterinary Research Institute (IVRI), Izatnagar, Uttar Pradesh. | Clinical application of stem cells in animals. | 21 days | 04-09-2019 to 24-09-2019 |
| 37. | Dr. Karam Pal Singh | HOD | ICAR-Indian Veterinary Research Institute (IVRI), Izatnagar, Uttar Pradesh. | Advances in livestock diseases diagnosis using clinico-pathological and molecular techniques. | 21 days | 26-09-2019 to 16-10-2019 |
| 38. | Dr. SURESH DINKAR KHARCHE | Principal Scientist | ICAR-Central Institute for Research on Goats (CIRG), Mathura, Uttar Pradesh. | Stem cell Technologies for Augmentation, Restoration and Enhancement of Male and Female Fertility and Its Clinical Application. | 21 days | 01-11-2019 to 21-11-2019 |

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| 39. | Dr. Barun Roy | Professor | West Bengal University of Animal and Fishery Sciences (WBUAFS), Belgachia, West Bengal. | Recent Biotechnological Advances for Precision Feeding of Livestock and Poultry. | 21 days | 04-09-2019 to 24-09-2019 |
| 40. | Dr. PUGAZHENTHI T. R. | Professor | Madras Veterinary College (TNVASU), Chennai, Tamil Nadu. | Recent Trends in the Production of Functional Dairy Foods and Quality Assurance. | 21 days | 04-07-2019 to 24-07-2019 |
| 41. | Dr. VIJAY KUMAR | Professor & Head | College of Veterinary and Animal Science (RAJUVAS), Bikaner, Rajasthan. | Current status, Emerging issues and Future scenario regarding Conservation of Indigenous Breeds of Livestock. | 21 days | 05-11-2019 to 25-11-2019 |
| 42. | Dr. Srilatha Ch | Professor & Head | College of Veterinary Science (SVVU), Tirupati, Andhra Pradesh. | Molecular approaches for diagnosis of cancer in animals including poultry. | 21 days | 06-02-2020 to 26-02-2020 |
| 43. | Dr. ANJU NAYAK | Associate Professor | College of Veterinary science & Animal Husbandry, Jabalpur (NDVSU), Jabalpur, Madhya Pradesh. | Recent trends in molecular diagnosis of microbial pathogens associated with livestock and poultry. | 21 days | 18-07-2019 to 07-08-2019 |

FISHERIES

| S.NO. | Course Director | Design. | Address | Training Title | Duration | |
|-------|----------------------------|------------------|---|--|----------|--------------------------|
| 44. | Dr. Leela Edwin | HOD | ICAR-Central Institute of Fisheries Technology (ICAR CIFT), Kochi, Kerala. | Responsible fishing: Recent advances in resource and energy conservation. | 21 days | 21-11-2019 to 11-12-2019 |
| 45. | Dr. SAKTHIVEL M | Scientist | Regional Centre,CMFRI (Mandapam) (CMFRI,RS), Mandapam, Tamil Nadu. | Mariculture Technologies: Principles and Practices to augment the seafood production in India. | 21 days | 06-11-2019 to 26-11-2019 |
| 46. | Dr. BIMAL PRASANNA MOHANTY | HOD | ICAR-Central Inland Fisheries Research Institute (CIFRI), Barrackpore, West Bengal. | Advances in Management of Inland Open-water Ecosystem Health. | 21 days | 01-06-2019 to 21-06-2019 |
| 47. | Dr. SUDHANSU SEKHAR MISHRA | HOD | ICAR-Central Institute of Freshwater Aquaculture (CIFA), Bhubaneswar, Orissa. | Advanced Molecular Techniques in Fish Disease Diagnosis and Management in Freshwater Aquaculture. | 21 days | 05-09-2019 to 25-09-2019 |
| 48. | Dr. Pramod Kumar Pandey | Professor | College of Fisheries (CAU), Agartala, Tripura. | Recent advances in fish processing, value addition and fish waste management. | 21 days | 07-01-2020 to 27-01-2020 |
| 49. | Dr. Ajit Kumar Verma | Senior Scientist | ICAR-Central Institute on Fisheries Education (CIFE), Mumbai, Maharashtra. | Precision Fish Farming: Automation Principles and Technological Solutions for Sustainable Aquaculture Production and Productivity. | 21 days | 15-11-2019 to 05-12-2019 |

AGRICULTURAL EDUCATION

| S.No. | Course Director | Design. | Address | Training Title | Duration | |
|-------|------------------------------|---------------------|---|--|----------|--------------------------|
| 50. | Dr. LOKESH GUPTA | Assistant Professor | Maharana Pratap University of Agriculture and Technology (MPUAT), Udaipur, Rajasthan. | Skill Development for Self Employment in Agriculture: A life Changing Opportunity for Rural Youth. | 21 days | 05-08-2019 to 25-08-2019 |
| 51. | Mr. RAVINDRA SINGH SHEKHAWAT | Scientist | ICAR-Indian Agricultural Statistics Research Institute (IASRI), New Delhi, Delhi. | Recent Advances in Econometric Modelling and Forecasting in Agriculture. | 21 days | 08-11-2019 to 28-11-2019 |
| 52. | Dr. Suresh Pal | Director | ICAR-National Institute of Agricultural Economics and Policy Research (NIAP), New Delhi, Delhi. | Quantitative Methods for Social Sciences. | 21 days | 19-07-2019 to 08-08-2019 |
| 53. | Dr. Lal Mohan Bhar | HOD | ICAR-Indian Agricultural Statistics Research Institute (IASRI), New Delhi, Delhi. | Data analysis in agriculture using statistical software packages. | 21 days | 09-01-2020 to 29-01-2020 |
| 54. | Dr. Anil Kumar | Principal Scientist | ICAR-Indian Agricultural Statistics Research Institute (IASRI), New Delhi, Delhi. | Advances in Designing and Analysis of Field Crop Experiments. | 21 days | 29-08-2019 to 18-09-2019 |
| 55. | Dr. Soibam Basanta Singh | Director | Central Agricultural University (CAU), Imphal, Manipur. | Agricultural Education, Entrepreneurship and Skill Development in India. | 21 days | 02-08-2019 to 22-08-2019 |
| 56. | Dr. Ram Hari Meena | Associate Professor | Rajasthan College of Agriculture (MPUA&T), Udaipur, Rajasthan. | Advance Technologies for Biofertilizers and Biopesticides production for Profitable and Sustainable Agriculture. | 21 days | 14-11-2019 to 04-12-2019 |

AGRICULTURAL EXTENSION

| S.No | Course Director | Design. | Address | Training Title | Duration | |
|------|--------------------------------|---------------------|---|---|----------|--------------------------|
| 57. | Dr. TEJINDER SINGH RIAR | Professor | Punjab Agricultural University (PAU), Ludhiana, Punjab. | ICT and social media use in agricultural extension. | 21 days | 30-01-2020 to 19-02-2020 |
| 58. | Dr. Surya Rathore | Principal Scientist | ICAR-National Academy of Agricultural Research & Management (NAARM), Hyderabad, Andhra Pradesh. | ICT Applications in Agricultural Education and Extension. | 21 days | 06-06-2019 to 26-06-2019 |
| 59. | Dr. K Venkataranga Naika | Professor | University of Agricultural Sciences (UASB), Bangaluru, Karnataka. | Innovations in Educational Technology in Agriculture. | 21 days | 05-07-2019 to 15-07-2019 |
| 60. | Dr. Prakash Panwar | Professor | College of Agriculture, Bhilwara (MPUA&T), Bhilwara, Rajasthan. | Entrepreneurial and Skill Development of Rural Youth through Innovative Approach. | 21 days | 05-09-2019 to 25-09-2019 |
| 61. | Dr. Shrishail Sharanappa Dollu | Professor | University of Agricultural Sciences (UASD), Dharwad, Karnataka. | Agricultural Education Entrepreneurship and Skill Development. | 21 days | 04-11-2019 to 24-11-2019 |

List of Short Courses [10 days] Approved for the year 2019-20 in ICAR-AUs System

CROP SCIENCES

| S.No. | Course Director | Design. | Address | Training Title | Duration | Tentative dates |
|--------------|------------------------------|---------------------|--|---|-----------------|--------------------------|
| 1. | Dr. Bhaskar Chandra Patra | Principal Scientist | ICAR-Central Rice Research Institute (CRRI), Cuttack, Orissa. | Managing Rice Genetic Resources for Climate Resilience. | 10 days | 16-10-2019 to 25-10-2019 |
| 2. | Dr. GYANENDRA PRATAP SINGH | Director | ICAR-Indian Institute of Wheat and Barley Research (DWR), Karnal, Haryana. | Participatory seed production of rabi crops for entrepreneurial development. | 10 days | 08-04-2019 to 17-04-2019 |
| 3. | Mr. Sukhbir Singh | Senior Scientist | ICAR-Indian Institute of Sugarcane Research (IISUGR), Lucknow, Uttar Pradesh. | Advances in sugarcane mechanization technologies to reduce cost of operations & drudgery for enhancing farmer's income. | 10 days | 20-05-2019 to 29-05-2019 |
| 4. | Dr. Venkatesan Thiruvengadam | Principal Scientist | ICAR-National Bureau of Agricultural Insect Resources (NBARI), Bangalore, Karnataka. | Molecular Identification and DNA Bar-coding of Insect Pests and Natural Enemies including Invasive species. | 10 days | 18-11-2019 to 27-11-2019 |

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| 5. | Dr. VINOTHKUMAR BHOJAN | Assistant Professor | Tamil Nadu Agricultural University (TNAU), Coimbatore, Tamil Nadu. | Advance instrumentation techniques in pesticide residue analysis for food safety. | 10 days | 16-10-2019 to 25-10-2019 |
| 6. | Dr. ARUN KUMAR | Director | Bihar Agricultural University (BAU_B), Sabour, Bhagalpur, Bihar. | Organic pest management: sustainable agriculture. | 10 days | 22-04-2019 to 01-05-2019 |
| 7. | Dr. Pranab Dutta | Scientist | Assam Agricultural University (AAUJ), Jorhat, Assam. | Making greater use of Bio-control agents in organic agriculture. | 10 days | 04-11-2019 to 13-11-2019 |
| 8. | Dr. Vishal Gupta | Assistant Professor | Sher-e-Kashmir University of Agricultural Science & Technology of Jammu (SKUAST-J), Jammu, Jammu & Kashmir. | Recent advances in production of bio-fertilizers and bio-pesticides. | 10 days | 13-11-2019 to 22-11-2019 |
| 9 | Dr. VIJAY NAMDEO WAGHMARE | Director | ICAR-Central Institute of Cotton Research (CICR), Nagpur, Maharashtra | Molecular Approaches for Cotton Improvement. | 10 days | 19-08-2019 to 28-08-2019 |
| 10. | Dr. Krishnaraj P. U. | Professor & Head | University of Agricultural Sciences (UASD), Dharwad, Karnataka. | Advances in Omics of Host-Rhizobacteria- Pathogen interaction and sustainable plant & soil health management | 10 days | 19-11-2019 to 28-11-2019 |

HORTICULTURE SCIENCES

| S.No. | Course Director | Design. | Address | Training Title | Duration | Tentative dates |
|-------|------------------------------|----------------------|---|--|----------|--------------------------|
| 11. | Dr. Swarup Kumar Chakrabarti | Director | ICAR-Central Potato Research Institute (CPRI), Shimla, Himachal Pradesh. | Flow cytogenetic and molecular techniques for improvement of horticulture crops. | 10 days | 10-06-2019 to 19-06-2019 |
| 12. | Mr. Kuldeep Srivastava | Principal Scientist) | ICAR-National Research Centre for Litchi (NRCL), Muzaffarpur, Bihar. | Advance plant protection tools and techniques for safer fruit production. | 10 days | 10-10-2019 to 19-10-2019 |
| 13. | Dr. DUSHYANT MISHRA | Principal Scientist | ICAR-Indian Institute of Farming Systems Research (PDFSR), Meerut, Uttar Pradesh. | Fruit Crops in Integrated Farming Systems for Nutritional, Environmental and Livelihood Security. | 10 days | 03-06-2019 to 12-06-2019 |
| 14. | Dr. Raviraja Shetty G | Assistant Professor | University of Agricultural and Horticultural Sciences (UAHS), Shimoga, Karnataka. | Recent advances in conservation and management of genetic resources of Spices, Medicinal and Aromatic Crops. | 10 days | 01-10-2019 to 10-10-2019 |
| 15. | Dr. Arvind | Assistant Professor | Institute of Agricultural Sciences (BHU), VARANASI, Uttar Pradesh. | Innovations in Functional foods and Nutraceuticals for Management of Chronic Diseases. | 10 days | 02-09-2019 to 11-09-2019 |

| 16. | Dr. Pradeep Kumar | Scientist | ICAR-Central Arid Zone Research Institute (CAZRI), Jodhpur, Rajasthan. | Protected cultivation for enhancing resource use efficiency and productivity of horticultural crops. | 10 days | 15-10-2019 to 24-10-2019 |
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| 17. | Dr. SUBHENDU SHEKHAR GANTAIT | HOD | Bidhan Chandra Krishi Viswavidyalaya (BCKV), Kalyani, West Bengal | Technology update on floriculture and aromatic crops for farmers' empowerment and rural entrepreneurship | 10 days | 16-09-2019 to 25-09-2019 |
| 18. | Dr. Kanchan Kumar Srivastava | Principal Scientist | ICAR-Central Institute for Subtropical Horticulture (ICAR-CISH), Lucknow, Uttar Pradesh. | Precision farming practices for enhanced quality fruit production : An approach for doubling farmers income | 10 days | 14-10-2019 to 23-10-2019 |
| NATURAL RESOURCE MANAGEMENT | | | | | | |
| S.NO | Course Director | Design. | Address | Training Title | Duration | Tentative dates |
| 19. | Dr. Wasudeo Nivrutti Narkhede | Professor | Vasantrya Naik Marathwada Krishi Vidyapeeth (MAU), Parbhani, Maharashtra. | Doubling the farmer income through integrated farming system for livelihood security. | 10 days | 18-11-2019 to 27-11-2019 |
| 20. | Dr. Janki Sharan Mishra | HOD | ICAR-ICAR Research Complex for Eastern Region (ICARRCER), Patna, Bihar. | Conservation agriculture for climate resilient farming and doubling farmer's income. | 10 days | 14-10-2019 to 23-10-2019 |

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| 21. | Dr. Pramod Jha | Principal Scientist | ICAR-Indian Institute of Soil Sciences (IISS), Bhopal, Madhya Pradesh. | Recent advances in soil carbon sequestration and stabilization for soil health improvement and climate change mitigation. | 10 days | 20-08-2019 to 29-08-2019 |
| 22. | Dr. SANJEEV KUMAR SANDAL | Principal Scientist | Ch. Sarwan Kumar Krishi Vishwavidyalaya (CSKHPKV), Palampur, Himachal Pradesh. | Advances in micro-irrigation and fertigation for improving water use efficiency and crop productivity. | 10 days | 01-10-2019 to 10-10-2019 |
| 23. | Dr. B. C. Sharma | Professor & Head | Faculty of Agriculture (FoA, SKUAST-J), Chatha, Jammu & Kashmir. | Conservation agriculture practices for enhancing productivity and resource use efficiency in major cropping systems. | 10 days | 04-02-2020 to 13-02-2020 |
| 24. | Dr. SUPRADIP SARKAR | Professor | Faculty of Agriculture, BCKV (NA), Kalyani, West Bengal. | Improving Crop Water Productivity under Water Scarce Scenario. | 10 days | 18-11-2019 to 27-11-2019 |
| 25. | Dr. Ashok Choudhury | Director | Uttar Banga Krishi Viswavidyalaya (UBKV), Cooch Behar, West Bengal. | Doubling farmer's income and livelihood security: role of contemporary technological intervention. | 10 days | 04-02-2020 to 13-02-2020 |
| 26. | Dr. RITESH SAHA | Principal Scientist | ICAR-Central Research Institute for Jute and Allied | Recent Advances in Resource Conservation Technologies | 10 days | 11-11-2019 to 20-11-2019 |

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| | | | Fibers (CRIJAF), Barrackpore, West Bengal. | (RCTs) under aberrant climate change scenario. | | |
| 27. | Dr. K. RAMESH | Principal Scientist | ICAR-Indian Institute of Oilseeds Research (DOR), Hyderabad, Andhra Pradesh. | Recent advances in organic production systems involving oilseeds for soil health and export. | 10 days | 16-09-2019 to 25-09-2019 |
| 28. | Dr. DILIP JAIN | HOD | ICAR-Central Arid Zone Research Institute (CAZRI), Jodhpur, Rajasthan. | Post Harvest Management for Economic Security of Farmers in Arid Zone. | 10 days | 18-09-2019 to 27-09-2019 |
| 29. | Dr. VISHAKHA SINGH | Assistant Professor | College of Home Science (MPUA&T), Udaipur, Rajasthan. | Integrated Approaches Towards Addressing Hidden Hunger Challenge | 10 days | 30-07-2019 to 08-08-2019 |

AGRICULTURAL ENGINEERING

| S.NO. | Course Director | Design. | Address | Training Title | Duration | Tentative dates |
|-------|-----------------------------|-----------|---|--|----------|--------------------------------|
| 30. | Dr. PRAKASH CHANDRA JENA | Scientist | ICAR-Central Institute of Agricultural Engineering | Recent Advances in Solar Energy Utilization for Agro- Produce | 10 days | 10-02-2020 to 19-02-2020 |

| | | | (CIAE), Bhopal, Madhya Pradesh. | Processing and Production System. | | |
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| 31. | Dr. Ravindra Naik | Principal Scientist | Regional Station, CIAE (Coimbatore) (CIAE, RS), Coimbatore, Tamil Nadu. | Entrepreneurship development through agro/food processing centers. | 10 days | 10-06-2019 to 19-06-2019 |
| 32. | Dr. Sharanagouda B | Professor | Lala Lajpat Rai University of Veterinary and Animal Sciences (LUVAS), Hisar, Haryana. | Role of Hygiene in Food Safety and Quality Control. | 10 days | 09-09-2019 to 18-09-2019 |
| 33. | Mr. Dharmeshkumar Kantilal Vyas | Associate Professor | College of Agricultural Engineering (AAU), Godhara, Gujarat. | Renewable Energy for Environmental Protection and Energy Conservation. | 10 days | 14-10-2019 to 23-10-2019 |
| ANIMAL SCIENCES | | | | | | |
| S.No. | Course Director | Designation | Address | Training Title | Duration | Tentative dates |
| 34. | Dr. Bhupendra Nath Tripathi | Director | ICAR-National Research Centre on Equines (NRCEQUINE), Hisar, Haryana. | Newer approaches in disease diagnosis and vaccines for livestock and poultry. | 10 days | 22-07-2019 to 31-07-2019 |

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| 35. | Dr. Jasbir Singh Bedi | Associate Professor | Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana, Punjab. | Advances in Molecular Epidemiology in Veterinary Research. | 10 days | 20-11-2019 to 29-11-2019 |
| 36. | Dr. Dinesh Babu Shakyawar | Principal Scientist | ICAR-Central Sheep and Wool Research Institute (CSWRI), Avikanagar. | Quality evaluation and value addition to sheep produce with special reference to wool and mutton. | 10 days | 16-09-2019 to 25-09-2019 |
| 37. | Dr. S Vaithyanathan | Principal Scientist | ICAR-National Research Centre on Meat (NRCM), Hyderabad, Andhra Pradesh. | DNA TECHNIQUES IN FORENSIC FOOD ANALYSIS (Strategies to combat Economically Motivated Adulteration and frauds in foods of animal origin). | 10 days | 01-07-2019 to 10-07-2019 |
| 38. | Dr. Umesh Singh | Principal Scientist | ICAR-Central Institute for Research on Cattle (PDCATTLE), Meerut, Uttar Pradesh. | Advanced genomics and postgenomics methodologies for sustainable conservation of indigenous cattle breeds in India. | 10 days | 18-06-2019 to 27-06-2019 |
| 39. | Dr. Srikanta Ghosh | Principal Scientist | ICAR-Indian Veterinary Research Institute (IVRI), Izatnagar, Uttar Pradesh. | Advances in the management of drug resistance in economically important parasites. | 10 days | 04-11-2019 to 13-11-2019 |
| 40. | Dr. Shanaz Shafi Syed | Associate Professor | Faculty of Vet. Sci. & A.H (SKUAST), Srinagar, Jammu & Kashmir. | Evaluation and improvement of Backyard poultry for livelihood and women empowerment. | 10 days | 27-08-2019 to 05-09-2019 |

| 41. | Dr. K.M.Palanivel | Professor | Veterinary College and Research Institute (TANUVAS), Namakkal, Tamil Nadu. | Advanced clinical epidemiology in disease diagnosis and vaccination for sustainability of livestock and poultry health. | 10 days | 10-10-2019 to 19-10-2019 |
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| 42. | Dr. DEBAKI GHOSH | Professor | West Bengal University of Animal and Fishery Sciences (WBUAFS), Belgachia, West Bengal. | Refresher and Hands on training course on advanced diagnostic imaging in Veterinary Practices. | 10 days | 19-09-2019 to 28-09-2019 |
| FISHERIES | | | | | | |
| S.NO. | Course Director | Design. | Address | Training Title | Duration | Tentative dates |
| 43. | Dr. Pani Prasad | Principal Scientist | ICAR-Central Institute on Fisheries Education (CIFE), Mumbai, Maharashtra | Antimicrobial resistance with special reference to aquaculture. | 10 days | 14-11-2019 to 23-11-2019 |
| 44. | Dr. Manoj P. Samuel | Principal Scientist | ICAR-Central Institute of Fisheries Technology (ICAR CIFT), Kochi, Kerala. | Recent advances in post-harvest fisheries engineering. | 10 days | 12-11-2019 to 21-11-2019 |

| AGRICULTURAL EDUCATION | | | | | | |
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| S.No. | Course Director | Design. | Address | Training Title | Duration | Tentative dates |
| 45. | Dr. S SENTHIL VINAYAGAM | Principal Scientist | ICAR-National Academy of Agricultural Research & Management (NAARM), Hyderabad, Andhra Pradesh. | Training Program on Innovations in Educational Technology. | 10 days | 13-11-2019 to 22-11-2019 |
| 46. | Dr. Lipi Das | Principal Scientist | ICAR-Central Institute For Women In Agriculture (ICAR-CIWA), Bhubaneswar, Orissa. | Gender Gaps and Interventions to Address Gender Issues in Agriculture. | 10 days | 17-09-2019 to 26-09-2019 |
| 47. | Dr. Sanjay Manikrao Bhoyar | Professor | Dr. Panjabrao Deshmukh Krishi Vidyapeeth (DPDKV), Akola, Maharashtra. | Advanced training in heavy metal, pollutant elements and essential nutrient analysis in soil, plant and water and their management in climate change Scenario. | 10 days | 17-09-2019 to 26-09-2019 |
| AGRICULTURAL EXTENSION | | | | | | |
| S.No | Course Director | Design. | Address | Training Title | Duration | Tentative dates |
| 48. | Dr. Mahesh Chander | Principal Scientist | ICAR-Indian Veterinary Research Institute (IVRI), Izatnagar, Uttar Pradesh. | New Extensionist: Changing paradigms in Agricultural Extension. | 10 days | 21-09-2019 to 30-09-2019 |

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| 49. | Dr. Middhe Sreenivasulu | Professor | College of Agriculture (PJ TSAU), Rajendranagar, Telangana. | Agriculture media skills for Extension professionals. | 10 days | 18-11-2019 to 27-11-2019 |
| 50. | Dr. S V SURESHA | Professor | Bakery Training Unit (OTH), University of Agricultural Sciences (UASB), Bangaluru, Karnataka. | Recent Technological advances in Agro Processing for Entrepreneurship Development. | 10 days | 19-08-2019 to 28-08-2019 |