

## List of Short Courses [10 Days] Approved for the year 2016-17 in ICAR-AU SYSTEM

### Agricultural Education

Appl. No.	Course Director	Design.	Address	Project Title	Duration	Tentative Dates
1	<b>Dr. Venkata Satyanarayana Rao Rajanala</b>	<b>Principal Scientist</b>	ICAR-National Academy of Agricultural Research & Management (NAARM), Hyderabad, Andhra Pradesh	Personality Development and Self-motivation for Enhanced Performance of Agricultural Scientists and Teachers	<b>10 Days</b>	<b>11 Jul 2016 to 21 Jul 2016</b>
2	<b>Dr. Pedaprolu Ramesh</b>	<b>Principal Scientist</b>	ICAR-National Academy of Agricultural Research & Management (NAARM), Hyderabad, Andhra Pradesh	Recent Innovations in Education Technology	<b>10 Days</b>	<b>06 Dec 2016 to 15 Dec 2016</b>
3	<b>Dr. Vuppucherla Sumathi</b>	<b>Professor</b>	S.V. Agricultural College (NA), Tirupati, Andhra Pradesh	Futuristic Agricultural Education	<b>10 Days</b>	<b>15 Sep 2016 to 24 Sep 2016</b>
4	<b>Dr. Priyabrata Santra</b>	<b>Senior Scientist</b>	ICAR-Central Arid Zone Research Institute (CAZRI), Jodhpur, Rajasthan	Solar energy applications in agriculture	<b>10 Days</b>	<b>14 Sep 2016 to 23 Sep 2016</b>
5	<b>Dr. NARESH BABU</b>	<b>Principal Scientist</b>	ICAR-CENTRAL INSTITUTE FOR WOMEN IN AGRICULTURE (ICAR-CIWA), Bhubaneswar, Orissa	Integrated Farming System: An Approach towards Livelihood Improvement of Farm Women and Natural Resource Conservation	<b>10 Days</b>	<b>14 Dec 2016 to 23 Dec 2016</b>
6	<b>Dr. ARUN KUMAR PANDA</b>	<b>Principal Scientist</b>	ICAR-CENTRAL INSTITUTE FOR WOMEN IN AGRICULTURE	Empowerment of farm women through livestock and poultry intervention	<b>10 Days</b>	<b>21 Nov 2016 to 30 Nov 2016</b>

			(ICAR-CIWA), Bhubaneswar, Orissa			
7	<b>Dr. SREEDEVI SHANKAR K</b>	<b>Senior Scientist</b>	ICAR-Central Research Institute of Dryland Agriculture (CRIDA), Hyderabad, Andhra Pradesh	Reshaping Agriculture and Nutrition Linkages – For Food and Nutrition Security	<b>10 Days</b>	<b>20 Jul 2016 to 29 Jul 2016</b>
<b>AGRICULTURAL ENGINEERING</b>						
<b>Appl. No.</b>	<b>Course Director</b>	<b>Design.</b>	<b>Address</b>	<b>Project Title</b>	<b>Duration</b>	<b>Tentative Dates</b>
8	<b>Dr. BHASKAR BHARAT GAIKWAD</b>	<b>Scientist</b>	ICAR-Central Institute of Agricultural Engineering (CIAE), Bhopal, Madhya Pradesh	Advances in Engineering Tools and Techniques for Precision Agriculture	<b>10 Days</b>	<b>05 Sep 2016 to 14 Sep 2016</b>
9	<b>Dr. Subir Kumar Chakraborty</b>	<b>Senior Scientist</b>	ICAR-Central Institute of Agricultural Engineering (CIAE), Bhopal, Madhya Pradesh	Machine Vision Systems for Precision Agriculture and Food Safety: Sensors and Protocols	<b>10 Days</b>	<b>24 May 2016 to 02 Jun 2016</b>
10	<b>Dr. Thajudhin Sheriff J</b>	<b>HOD</b>	ICAR-Central Tuber Crops Research Institute (CTCRI), Thiruvananthapuram, Kerala	Short Course on Processing Machineries, Value addition and Entrepreneurship Development in Tuber Crop	<b>10 Days</b>	<b>31 Aug 2016 to 09 Sep 2016</b>
11	<b>Dr. N Vigneshwaran</b>	<b>Senior Scientist</b>	ICAR-Central Institute of Research on Cotton Technology	Synthesis and Characterization of Nanomaterials for Agricultural applications	<b>10 Days</b>	<b>19 Sep 2016 to 28 Sep 2016</b>

			(CIRCOT), Mumbai, Maharashtra			
12	Dr. SURENRA RAMBHAU KALBANDE	Associate Professor	Dr. Panjabrao Deshmukh Krishi Vidyapeeth (DPDKV), Akola, Maharashtra	Eco-friendly renewable energy technologies for sustainable power generation and energy conservation	10 Days	01 Nov 2016 to 10 Nov 2016
13	Dr. Vikramaditya Dave	Assistant Professor	College of Technology and Engineering (NA), Udaipur, Rajasthan	Advances in Nanotechnology for agriculture and its allied branches	10 Days	01 Jun 2016 to 10 Jun 2016

### AGRICULTURAL EXTENSION

Appl. No.	Course Director	Design.	Address	Project Title	Duration	Tentative Dates
14	Dr. P.VENKATESAN	Senior Scientist	ICAR-National Academy of Agricultural Research & Management (NAARM), Hyderabad, Andhra Pradesh	Competency Skill Enhancement for Extension Professionals	10 Days	22 Dec 2016 to 31 Dec 2016
15	Dr. Jyoti Ranjan Mishra	Senior Scientist	ICAR-Indian Agricultural Research Institute (IARI), New Delhi, Delhi	Developing Agribusiness Skills among Farmers for Maximising Farm Income	10 Days	02 Aug 2016 to 11 Aug 2016
16	Dr. Surya Rathore	Principal Scientist	ICAR-National Academy of Agricultural Research & Management (NAARM), Hyderabad, Andhra Pradesh	ICT Applications for Agricultural Extension	10 Days	14 Jun 2016 to 23 Jun 2016

17	Dr. Biswajit Mondal	Senior Scientist	ICAR-Central Rice Research Institute (CRRI), Cuttack, Orissa	Designing Impact Evaluations for Agricultural Technologies	10 Days	01 Aug 2016 to 10 Aug 2016
18	Dr. Dileep Kumar Pandey	Associate Professor	College of Post Graduate Studies (NA), Umroi Road, Umiam, Meghalaya	ICTs for Sustainable Agriculture Development	10 Days	13 Jun 2016 to 22 Jun 2016
19	Dr. Chitra Henry	Professor	Swami Keshwanand Rajasthan Agricultural University (SKRAUB), Bikaner, Rajasthan	Training and Managerial Skills for Agricultural Professionals	10 Days	06 Jul 2016 to 15 Jul 2016
20	Dr. Sukhadev Yashavant Wali	Programme Coordinator	University of Agricultural Sciences (UASD), Dharwad, Karnataka	Rural entrepreneurship development for farmers empowerment	10 Days	09 Nov 2016 to 18 Nov 2016
21	Dr. P.P.Murugan	HOD	Agricultural College and Research Institute (NA), Madurai, Tamil Nadu	Emerging trends in Communication and Essential skill sets of Extension Professionals for Effective Technology Transfer	10 Days	07 Nov 2016 to 16 Nov 2016

### ANIMAL SCIENCES

Appl. No.	Course Director	Design.	Address	Project Title	Duration	Tentative Dates
22	Dr. Gundallhalli Bayyappa Manjunathareddy	Scientist	ICAR-National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), BENGALURU, Karnataka	Advances in Livestock Disease Surveillance: Integration of Molecular Biology and Statistical Methods in Veterinary Epidemiology	10 Days	01 Jul 2016 to 10 Jul 2016

<b>23</b>	<b>Dr. Muthupalani Muthukumar</b>	<b>Senior Scientist</b>	ICAR-National Research Centre on Meat (NRCM), Hyderabad, Andhra Pradesh	Techniques for assessment of quality and safety of meat products through species identification and detection of chemical residues and microbial contaminants	<b>10 Days</b>	<b>20 Sep 2016 to 29 Sep 2016</b>
<b>24</b>	<b>Dr. Sourabh Deori</b>	<b>Scientist</b>	ICAR-National Research Centre on Yak (NRCYAK), West Kameng, Arunachal Pradesh	Optimizing fertility in livestock of hill ecosystem applying modern approaches	<b>10 Days</b>	<b>22 Aug 2016 to 31 Aug 2016</b>
<b>25</b>	<b>Dr. Vikas Pathak</b>	<b>HOD</b>	U.P. Pt. Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwa Vidhyalaya Evam Go Anusandhan Sansthan (DUVASU), Mathura, Uttar Pradesh	Strategies in development of functional livestock products	<b>10 Days</b>	<b>07 Nov 2016 to 16 Nov 2016</b>
<b>26</b>	<b>Dr. Rakesh Kumar Pundir</b>	<b>Principal Scientist</b>	ICAR-National Bureau of Animal Genetic Resources (NBAGR), Karnal, Haryana	Advanced tools for Conservation of Domestic Animal Diversity	<b>10 Days</b>	<b>14 Sep 2016 to 23 Sep 2016</b>
<b>27</b>	<b>Dr. Ved Prakash</b>	<b>Scientist</b>	ICAR-Central Sheep and Wool Research Institute (CSWRI), Avikanagar, Rajasthan	Recent Models and Methods for analysis of farm animal data for devising suitable breeding and management strategies	<b>10 Days</b>	<b>11 Jul 2016 to 20 Jul 2016</b>
<b>28</b>	<b>Dr. MANOJ KUMAR SINGH</b>	<b>Scientist</b>	ICAR-National Dairy Research Institute (NDRI), Karnal, Haryana	Hands on Training on In Vitro Fertilization Technology	<b>10 Days</b>	<b>15 Nov 2016 to 24 Nov 2016</b>
<b>29</b>	<b>Dr. Mahesh Chander</b>	<b>Principal Scientist</b>	ICAR-Indian Veterinary Research Institute (IVRI), Izatnagar, Uttar Pradesh	Organic Animal Husbandry: Concept, standards & practices	<b>10 Days</b>	<b>07 Nov 2016 to 16 Nov 2016</b>

30	Dr. SUNIL CHANDRA GIRI	Senior Scientist	Regional Station,CARI (Bhubaneshwar) (CARI(AS),RS), Bhubaneshwar, Orissa	Recent development in duck production and management practices suitable for changing climatic conditions.	10 Days	14 Nov 2016 to 23 Nov 2016
<b>CROP SCIENCES</b>						
Appl. No.	Course Director	Designation	Address	Project Title	Duration	Tentative Dates
31	Dr. Vinod Kumar Pandita	HOD	Regional Station,IARI (Karnal) (IARI, RS), Karnal, Haryana head_karnal@iari.res.in	Advances in variety maintenance and quality seed production for entrepreneurship	10 Days	14 Feb 2017 to 23 Feb 2017
32	Dr. A. John Joel	HOD	Tamil Nadu Agricultural University (TNAU), Coimbatore, Tamil Nadu	Utilization of Plant Genetic Resources through classical and innovative pre-breeding approaches	10 Days	17 Aug 2016 to 26 Aug 2016
33	Dr. N Sarla	Professor	ICAR-Directorate of Rice Research (DRR), Hyderabad, Andhra Pradesh	Prebreeding using wild species for sustainable yield in crops	10 Days	16 Jan 2017 to 26 Jan 2017
34	Dr. PG Padmaja	Principal Scientist	ICAR-Indian Institute of Millets Research (DSR), Hyderabad, Andhra Pradesh	Advances in ecofriendly pest management strategies in millets	10 Days	22 Aug 2016 to 31 Aug 2016
35	Dr. Aditya Kumar Singh	Principal Scientist	ICAR-Indian Institute of Maize Research (DMR), New Delhi, Delhi	Precision Conservation Agriculture for climatic change adaptation and mitigation in cereal systems	10 Days	08 Aug 2016 to 17 Aug 2016
36	Dr. Mahendra Kumar Modi	HOD	Assam Agricultural University (AAUJ), Jorhat, Assam	Molecular approaches for plant disease diagnostics and resistance mechanism	10 Days	21 Nov 2016 to 30 Nov 2016

37	Dr. Chandra Shekhar Sahay	Senior Scientist	ICAR-Indian Grassland and Fodder Research Institute (IGFRI), Jhansi, Uttar Pradesh	Engineering interventions in fodder production including management of fodder/crop-residue and their value addition	10 Days	07 Nov 2016 to 16 Nov 2016
38	Dr. B.J.Pandian	Director	Tamil Nadu Agricultural University (TNAU), Coimbatore, Tamil Nadu	Advances in Micro Irrigation for Improving Water Use Efficiency and Productivity	10 Days	15 Jun 2016 to 24 Jun 2016
39	Dr. Vinod Kumar	Senior Scientist	ICAR-National Research Centre for Litchi (NRCL), Muzaffarpur, Bihar	Bioassay, production protocol and quality control for Trichoderma based biopesticides	10 Days	05 Sep 2016 to 14 Sep 2016
40	Dr. P. JEYAKUMAR	HOD	Tamil Nadu Agricultural University (TNAU), Coimbatore, Tamil Nadu	Recent Advances in Applied Crop Physiology	10 Days	14 Sep 2016 to 23 Sep 2016
41	Dr. T RAMASUBRAMANIAN	Senior Scientist	ICAR-Sugarcane Breeding Institute (SBI), Coimbatore, Tamil Nadu	Techniques in Insect Molecular Biology and Toxicology	10 Days	07 Sep 2016 to 16 Sep 2016

### FISHERIES

Appl. No.	Course Director	Design.	Address	Project Title	Duration	Tentative Dates
42	Dr. Rajendran K V	HOD	ICAR-Central Institute on Fisheries Education (CIFE), Mumbai, Maharashtra	Molecular Immunology of Fish and Shellfish	10 Days	19 Sep 2016 to 28 Sep 2016
43	Dr. Sullip Kumar Majhi	Senior Scientist	ICAR-National Bureau of Fish Genetic Resources (NBFGR), Lucknow, Uttar Pradesh	Recent advances in fish reproductive biotechnology for propagation of endangered species	10 Days	18 Jul 2016 to 27 Jul 2016

44	Dr. Shrinivas Jahageerdar	Principal Scientist	ICAR-Central Institute on Fisheries Education (CIFE), Mumbai, Maharashtra	Designing Breeding Plans and Genetic Analysis of Complex Traits	10 Days	04 Jan 2017 to 13 Jan 2017
45	Dr. Aparna Chaudhari	HOD	ICAR-Central Institute on Fisheries Education (CIFE), Mumbai, Maharashtra	Recent Advances in Molecular Taxonomy	10 Days	05 Dec 2016 to 14 Dec 2016
<b>HORTICULTURE SCIENCES</b>						
Appl. No.	Course Director	Design.	Address	Project Title	Duration	Tentative Dates
46	Dr. M.G.PATIL	Professor	College of Agriculture (NA), Raichur, Karnataka	Quality Seed, Planting Material Production in Horticultural Crops and Certification Under Changing WTO regime.	10 Days	07 Dec 2016 to 16 Dec 2016
47	Dr. Mahesh Kumar Sharma	Associate Professor	SKN Agriculture University (SKNAU), Jobner, Rajasthan	Climate change adaptation and mitigation strategies for sustainable agriculture	10 Days	05 Sep 2016 to 14 Sep 2016
48	Dr. BIJENDRA SINGH	Director	ICAR-Indian Institute of Vegetable Research (IIVR), Varanasi, Uttar Pradesh	Advances in Genetic Enhancement of Underutilized Vegetable Crops	10 Days	18 Oct 2016 to 27 Oct 2016
49	Dr. T Damodaran	Senior Scientist	Regional Station, CSSRI(Lucknow) (CSSRI,RS), Lucknow, Uttar Pradesh	Innovative approaches and advances in organic agriculture for sustainable crop production in normal and salt affected soils	10 Days	13 Sep 2016 to 22 Sep 2016



<b>NATURAL RESOURCE MANAGEMENT</b>						
<b>Appl. No.</b>	<b>Course Director</b>	<b>Design.</b>	<b>Address</b>	<b>Project Title</b>	<b>Duration</b>	<b>Tentative Dates</b>
50	Dr. Sanjay Srivastava	Principal Scientist	ICAR-Indian Institute of Soil Sciences (IISS), Bhopal, Madhya Pradesh	Advances in Soil Testing and Soil Test Crop Response (STCR) Based Fertilizer Management	10 Days	02 Jun 2016 to 11 Jun 2016
51	Dr. Madhab Chandra Manna	HOD	ICAR-Indian Institute of Soil Sciences (IISS), Bhopal, Madhya Pradesh	Advances in microbial bio-fertilizers for sustainable agriculture in diverse soil and cropping systems	10 Days	16 Nov 2016 to 25 Nov 2016
52	Dr. Narendra Pratap Singh	Director	ICAR-Central Coastal Agricultural Research Institute (ICARGOA), Old Goa, Goa	Agro-Ecotourism (AET): An Emerging Enterprise for Agricultural Diversification.	10 Days	31 Oct 2016 to 09 Nov 2016
53	Dr. Sushil Kumar	Principal Scientist	ICAR-Directorate of Weed Science Research (DWSR), Jabalpur, Madhya Pradesh	Water quality and quantity improvement through bioremediation and aquatic weed management	10 Days	16 Nov 2016 to 25 Nov 2016
54	Dr. LAL SINGH	Associate Professor	Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir (SKUASTK), Srinagar, Jammu & Kashmir	Recent Decision Support System Tools :For Sustainable Precision Agriculture	10 Days	04 Jul 2016 to 13 Jul 2016
55	Dr. Jayanta Kumar Saha	HOD	ICAR-Indian Institute of Soil Sciences (IISS), Bhopal, Madhya Pradesh	Advances in Assessment of Soil Pollution and Its Remediation	10 Days	12 Dec 2016 to 21 Dec 2016

- Total proposal = 55