

## List of Approved Summer/Winter Schools to be organized during the year 2012-13 in ICAR- AU System

Sl. No.	Course Director	Designation	Address	Project title	Duration	Tentative Dates	SWS
<b>Agriculture Engineering /Statistics and Computer Application</b>							
1	Dr. M. Hasan	Sr. Scientist	Centre for Protected Cultivation Technology (CPCT), IARI, New Delhi-110012	Recent advances in micro-irrigation and fertigation	21 Days	05-25 Nov, 2012	Winter School
2	Dr. R.K. Gupta	Head	Division of Food Grains and Oilseed Processing, Central Institute of Post Harvest Engineering & Technology (CIPHET), P.O. PAU Campus, Ludhiana-141004	Newer concepts and techniques in development of health foods	21 Days	01-21 July, 2012	Summer School
3	Dr. M.K Basak	Director	National Institute of Research on Jute and Other Natural Fibre Technology, Kolkata-700040	Processing value addition and waste utilization technologies for Jute and other natural fibres.	21 Days	31 Jan-20 Feb, 2013	Winter School
4	Dr. C.R Mehta	Head, AMD	Central Institute of Agricultural Engg. (CIAE), Nabi Bagh, Berasia Road, Bhopal-462038 (MP)	Engineering Interventions in Conservation Agriculture for Enhancing Agricultural Productivity and Climate Change Mitigation.	21 Days	April' 03-24, 2012	Summer School
5	Dr. P.C Bargale	Principal Scientist & Head	Technology Transfer Division, Central Institute of Agricultural Engg.(CIAE), Nabi Bagh, Berasia Road, Bhopal-462038 (MP)	Techopreneurship Opportunities in Agricultural Mechanization.	21 Days	20 Nov-10 Dec., 2012	Winter School
6	Dr. A. R. Rao	Senior Scientist	IASRI, New Delhi-110012	Recent Advances in Quantitative Genetics and Statistical Genomics	21 Days	6-26 Nov., 2012	Winter School

<b>Agriculture Extension/Home Science</b>							
7	Dr. P.N. Kalla	Director Extension Education	Directorate of Extension Education, SK Rajasthan Agricultural University, Bikaner-334 006	Participatory Extension Research and Management.	21 Days	01-21, December, 2012	Winter School
8	Dr. Neelam Bhardwaj	Professor & Head	Department of Agricultural Communication, College of Agriculture, G.B. Pant University of Agriculture & Technology, Pantnagar-263 145	Advances in Extension Methodologies for Agricultural Development.	21 Days	Sept. 15-5 Oct. 2012	Winter School
9	Prof. M.M. Adhikary	Professor	Department of Agriculture Extension, BCKV, Mohanpur, Nadia-741252, West Bengal	Extension Strategy for Entrepreneurship Development and Management in Agro Processing and Value Addition.	21 Days	04-24 Dec., 2012	winter School
10	Dr. K. Ponnusamy	Principal Scientist	Directorate of Research on Women in Agriculture, Opp. Kalinga Studio, PO Baramunda, Bhubaneswar-751 003	Gender Mainstreaming for Resilient Agriculture.	21 Days	18 July-7 Aug. 2012	Summer School
11	Dr. (Mrs.) Neelam Grewal	Professor & Head	Department of Clothing & Textiles, College of Home Science, Punjab Agricultural University, Ludhiana-141 004	Technical Textiles and Functional Clothing	21 Days	18th Oct-07 Nov., 2012	Winter School
12	Dr. S. R. Maloo	Director Research	Department of Foods & Nutrition, College of Home Science, Maharana Pratap University of Agriculture & Technology, Udaipur- 313 001	Utilization of Minor Agri Produce to Improve Food Access for Achieving Nutrition Security	21 Days	01-21 Feb., 2012	Winter School
<b>Animal Science</b>							
13	Dr. S. Samantaray	Professor	Prof. In Charge, Veterinary Emergency Response Unit, Bihar Veterinary college, Patna-800 014, Bihar Agricultural University, Sabour	Cross Sectoral disaster Risk Reduction strategies in Livestock Sector: An Orientation for Teachers of Veterinary Colleges.	21 days	29 May-18 June, 2012	Summer School

14	Dr. (Mrs.) Manpal Sridhar	Principal Scientist	National Institute of Animal Nutrition and Physiology (NIANP), ICAR Adugodi, Bangalore-560 030	Advances in Functional Genomic Concepts and Techniques for Quality Ruminant and Poultry Production.	21 Days	06-26 Dec., 2012	Winter School
15	Dr. A.K. Verma	Principal Scientist	Livestock Production and Management Section, IVRI, Izatnagar-243 122	Farmers' Empowerment and Entrepreneurial Development through Livestock Farming	21 days	14 May-03 Jun, 2012	Summer School
16	Dr. S. Prathaban	Director of Clinics	Tamil Nadu Veterinary and Animal Science University, Madhavaram Milk Colony, Madhavaram, Chennai-600051	Advanced Imaging and Interventional Protocols for High Morbid Disease Diagnosis and Management in Veterinary Practice	21 Days	05-25 Sept., 2012	Summer School
17	Dr. V.V. Kulkarni	Professor & Head	Department of Meat Science Technology, Veterinary College and Research Institute, Namakkal--637 002 (T.N.)	Opportunities in value addition and Challenges in Quality Control of meat products including slaughterhouse by _products	21 Days	04-24 July, 2012	Summer School
18	Dr. Dheer Singh	Sr. Scientist	Animal Biotechnology Division, NDRI, Karnal-132 001	Advance Molecular Techniques in Gene Regulation and Functional Genomics	21 Days	03-23 Dec., 2012	Winter School
<b>Crop Science</b>							
19	Dr. M. Sujatha	Principal Scientist & Head	Crop Improvement Section, Directorate of Oilseeds Research, Rajendranagar, Hyderabad-500 030	Molecular Breeding Approaches for Genetic Enhancement in Oil Seed Crops	21 days	01-20 Oct., 2012	Summer School
20	Dr. S.B. Das	Professor	Department of Entomology, College of Agriculture, Jawaharlal Nehru Agricultural University, Krishinagar, Adhartal, Jabalpur-482 004	Integrated Pest and Disease Management	21 Days	04-24 June, 2012	Summer School

21	Dr. P. Ananda Kumar	Project Director	National Research Centre on Plant Biotechnology, LBS Building, IARI Campus, New Delhi-110012	Biotechnological Approaches for Adaptation to Climate change	21 Days	05-25 Sept., 2012	Summer School
22	Dr. Ch. Padmavathi	Sr. Scientist	Directorate of Rice Research, Rajendranagar, Hyderabad-500 030	New Frontiers in Integrated Pest Management in Rice and Rice based Cropping Systems	21 days	25 Sept.-15 Oct., 2012	Summer School
23	Dr. K.N. Singh	Principal Scientist & Head	Division of Forecasting and Econometrics Techniques, IASRI, New Delhi-110012	Forecast Modelling in Crops	21 Days	17 Jul-06 Aug., 2012	Summer School
24	Dr. O.P. Ameta	Head	Department of Entomology, Rajasthan College of Agriculture, Directorate of Research, Maharana Pratap University of Agriculture & Technology, Udaipur-313 001	Advances in Biopesticides for Integrated Pest Management in Agro Ecosystem	21 Days	07-27 May, 2012	Summer School

### Fisheries Science

25	Dr. Saly N. Thomas	Senior Scientist	Fishing Technology Division, CIFT, Matsyapuri, P.O., Cochin-682029	Fish Harvesting Systems for Resource Conservation.	21 Days	15 Nov.-05 Dec., 2012	Winter School
26	Dr. S.S. Giri	Head	Fish Nutrition & Physiology Division, Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswar-751 002	Sustainable Fish Feeds and Nutraceuticals to grow health promoting fish.	21 Days	15 Jan-07 Feb., 2012	Winter School
27	Dr. C. Gopal	Principal Scientist	Crustacean Culture Division, Central Institute of Brackishwater Aquaculture, 75 Santhome High Road, RA Puram, Chennai-600028	Sustainable Shrimp Farming Through Adoption of Better Management Practices and Bio-security.	21 days	22 Aug.-11 Sept., 2012	Summer School

<b>Horticulture</b>							
28	Dr. V.J. Shivankar	Director	National Research Centre for Citrus, P.B. No-464, Shankar Nagar P.O., Amaravati Road, Nagpur-440 010	Hi-Tech Intervention in Citriculture.	21 Days	07-28 May, 2012	Summer School
29	Prof. V.K. Joshi	Professor & Head	Department of Food Science & Technology, Dr. Y.S. Parmar University of Horticulture and Forestry, Nauni, Solan-173230	Advances in Fruit & Vegetable preservation and processing	21 Days	25 Jun.-15 Jul, 2012	Summer School
30	Dr. S.K. Sharma	Director	Central Institute for Arid Horticulture, Beechwal, Bikaner-334 006	Exploitation of Underutilized Horticultural Crops for Sustainable Production	21 Days	06-26 Nov., 2012	Winter School
31	Dr. A.A. Patil	Professor & Head	Hi Tech Horticulture Unit, University of Agricultural Sciences, Dharwad-580005	Protected Cultivation	21 Days	04-24 Dec., 2012	Winter School
32	Dr. Pritam Kalia	Principal Scientist & Professor	Division of Vegetable Science, IARI, Pusa, New Delhi-110012	Breeding for High Productivity and Industry Suitable Food Colorants and Bioactive Health Compounds in Vegetable Crops- Conventional and Hi-Tech cutting edge Approaches.	21 Days	04 -24 Dec, 2012	Winter School
33	Dr. A.B. Rai	Principal Scientist & Head	Crop Protection Division, Indian Institute of Vegetable Research, Varansi-221 305	Modern Approaches in Diagnostics and Management of Pest and Diseases in Vegetable Crops under Protected Conditions	21 Days	05-25 Nov., 2012	Winter School

<b>NRM</b>							
34	Dr. B. Gangwar	Project Director	Project Directorate for Farming Systems Research, Modipuram, Meerut-250110	System Based Conservation Agriculture for Sustained Productivity and Soil Health	21 Days	03-23 Oct, 2012	Summer School
35	Dr. V.M. Bhale	Head	Department of Agronomy, Dr. P.D.K.V., Akola-444104	Resource Conservation Practices for Soil Health Security	21 Days	03-23 Sept, 2012	Summer School
36	Dr. M. Paramathma	Director of Research	Tamil Nadu Agricultural University, Coimbatore-641 003	Biofuels-Current Innovations and Future Trends	21 Days	03-23 Dec., 2012	Winter School
37	Dr. P.S. Kadam	Professor & Head	Department of Food and Industrial Microbiology, College of Food Technology, MKV, Parbhani-431 402	Food Safety Management Systems (FSMS) required in the Food Chain	21 Days	08-28 Oct, 2012	Summer School
<b>Agricultural Education</b>							
38	Dr. P.S. Badal	Associate Professor	Department of Agricultural Economics, Institute of Agricultural Sciences, BHU, Varansai-221 005	Food Retail Management: Emerging Issues and Frontier Areas of Research	21 Days	11-31 May, 2012	Summer School
39	Dr. K. M. Reddy	Professor	ICM Division, National Academy of Agricultural Research Management, Rajendranagar, Hyderabad-500 407	Advances in Educational Methodology and Instructional Technology	21 days	July 5-25, 2012	Summer School

## List of Approved Short Courses to be organized during the year 2012-13 in ICAR- AU System

Sl. No.	Course Director	Designation	Address	Project title	Duration	Tentative Dates	Short Course
<b>Agriculture Engineering /Statistics and Computer Application</b>							
1	Dr. Divya	Sr. Scientist	Processing and Product Development Division, Indian Institute of Natural Gums and Resins(ICAR), Namkum, Ranchi-834 010	Isolation of phenolic compounds and its antioxidant properties in gum based food	10 Days	20 Feb.-01 Mar, 2013	Short Course
2	Dr. George V. Thomas	Director	Central Plantation Crops Research Institute, Kudlu P.O., Kasaragod-671 124	Application of Bioinformatics for the crop improvement and disease diagnostics	10 Days	16-25 Apr., 2012	Short Course
<b>Agriculture Extension</b>							
3	Dr. P.N. Antwal	Head	Department of Home Science Extension and Communication Management, College of Home Science, MKV, Parbhani-431 402	Communication and Management Skills for Extension Professionals	10 Days	16 jan-25 Jan., 2013	Short Course
<b>Animal Science</b>							
4	Dr. C.G. Joshi	Professor & Head	Department of Animal Biotechnology, College of Veterinary Science and Animal Husbandry, Anand Agricultural University, Anand-388001	Metagenomics : Role of Next Generation Sequencing and Bioinformatics.	10 Days	15-24 Oct., 2012	Short Course
5	Dr. H. Rahman	Project Director	Project Directorate on Animal Disease Monitoring and Surveillance (PD_ADMAS), Hebbal, Bangalore- 560 024	Multipronged Approaches for Surveillance and Diagnosis of Brucellosis	10 Days	July-Aug., 2012	Short Course

6	Dr. T.K. Bhattacharya	ICAR National Fellow	Project Directorate on Poultry, Rajendranagar, Hyderabad-500030	Recent Development in Epigenetics, Structural and Functional Genomics for Animal Genetic Resource Conservation vis-à-vis Augmentation of Productivity in Poultry and Livestock species	10 Days	11-20 Dec., 2012	Short Course
7	Dr. Sathish B. Shivachandra	Sr. Scientist	Division of Virology, IVRI, Mukteswar-263 138	Recombinant Proteins: Applications in Veterinary Research and Diagnostics	10 Day	03-12 Sept., 2012	Short Course
8	Dr. S.P. Dixit	Principal Scientist & Head	National Bureau of Animal Genetics Resources, Near ITI Chowk, NH-1, Karnal-132 001	Genomic and Phenomic Tools for the Analysis of Livestock Genome	10 Days	30 May-08 Jun, 2012	Short Course
<b>Crop Science</b>							
9	Dr. S.K. Chakrabarti	Head	Division of Plant Protection, Central Potato Research Institute, Shimla-171 001	Plant disease diagnostics : Theory and practices	10 Days	June, 2012	Short Course
10	Dr. P.K. Mehta	Professor & Head	Department of Entomology, CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur-176 062	Pest Management in High Value Crops under Protected Cultivation	10 Days	11-20 June, 2012	Short Course
11	Dr. Debi Sharma	Principal Scientist	Division of Soil Science and Agricultural Chemistry, Indian Institute of Horticultural Research, Bangalore-560 089	Food Pollutant evaluation for ensuring food safety and quality	10 Days	01-10 Aug., 2012	Short Course
12	Dr. H.S. Chawla	Professor & Head	Department of Genetics & Plant Breeding, G.B. Pant Univ. of Agric & Tech, Pantnagar-263 145	New Dimensions in Quality Seed Production Technology with Special Reference to Hybrid Seed Production of Field and Vegetable Crops, IPR and PPV and FR ACT.	10 Days	20-29 Sept, 2012	Short Course



<b>Fisheries Science</b>							
13	Dr. Shyam S. Salim	Senior Scientist	Socioeconomic Evaluation & Technology Transfer Division, Central Marine Fisheries Research Institute (ICAR), Ernakulam North P.O. 1603, Ernakulam-682 018	World Trade Agreement and Indian Fisheries Paradigms: A Policy Outlook	10 Days	11-20 July, 2012	Short Course
<b>Horticulture</b>							
14	Dr. S. Uma	Principal Scientist	National Research Center for Banana (NRCB), Thogamalai Road, Thayanur, Tiruchirapalli-620 102	Advances in Gene Identification and Marker Development	10 Days	16-25 Apr, 2012	Short Course
15	Dr. Dharmendra Kumar Singh	Senior Scientist	Division of Vegetable Production, Indian Institute of Vegetable Research, P.B. No-01, P.O. Jakhani, Varansi-221 305	Micro -Irrigation and Other Technological Options for Enhancing Water Productivity in Vegetable Crops	10 Days	21-30 Nov., 2012	Short Course
<b>NRM</b>							
16	Dr. M. Mohanty	Scientist (SS)	Indian Institute of Soil Science, Nabibagh, Bersasia Road, Bhopal-462 038	Use of Simulation Modelling in Climate Change Research : Special Reference to Natural Resources Management	10 Days	03-12 Oct., 2012	Short Course
17	Dr. V. Maruthi	Principal Scientist	Division of Crop Sciences, Central Research Institute of Dryland Agriculture, Santosh Nagar, Saidabad Post, Hyderabad-500059	Modern Monitoring Tools for Enhanced resource use efficiency in Rainfed Agriculture	10 Days	12 Dec.-21 Dec., 2012	Short Course
18	Dr. R. Mahender Kumar	Principal Scientist	Crop Production Section, Directorate of Rice Research, Rajendranagar, Hyderabad-500 030	Water Management and Water Saving Technologies in Rice	10 Days	05-15 Oct., 2012	Short Course
19	Dr. Tapan Adhikari	Principal Scientist	Indian Institute of Soil Science, Nabibagh, Bersasia Road, Bhopal-462 038	Application of Nanotechnology in Soil Science and Plant Nutrition Research	10 Days	03-12 Sept. 2012 / 17-28 Sept., 2012	Short Course

20	Dr. G. Pratibha	Senior Scientist	Division of Resource Management, Central Research Institute of Dryland Agriculture, Santosh Nagar, Saidabad Post, Hyderabad-500059	Conservation Agriculture Strategies for Resource Conservation and Mitigation of Climate Change	10 Days	15-24 Oct., 2012	Short Course
21	Dr. Praveen Kumar	Principal Scientist	Division of Natural Resources and Environment, Central Arid Zone research Institute (CAZRI), Jodhpur-342003	Efficient Use of Organic Wastes for Sustainable Agriculture and Enhancing Soil Health in Low Rainfall Areas	10 Days	08-17 Oct., 2012	Short Course
22	Dr. C.T. Jose	Principal Scientist	Central Plantation Crops Research Institute, Regional Station,Vittal-574 243, Karnataka	Nonparametric Approaches in Crop Modelling	10 Days	14-23 Nov., 2012	Short Course
<b>Agricultural Education</b>							
23	Dr. G. R. Ramakrishna Murthy	Sr. Scientist	National Academy of Agricultural Research Management, Rajendranagar, Hyderabad-500 407	Innovative approaches to E-Learning	10 days	Sept. 11-20, 2012	Short course