

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	Dates*	SWS	Contact
Agriculture Engineering /Statistics and Computer Application								
1	Dr. M. Hasan	Sr. Scientist	Centre for Protected Cultivation Technology , IARI, New Delhi-110012	Recent advances in micro-irrigation and fertigation	21 Days	05-25 Nov, 2012	Winter School	Tel:011-25841063; Mob:09868060358; Email: hasan_scientist@yahoo.co.in
2	Dr. R.K. Gupta	Head	Division of Food Grains and Oilseed Processing, Central Institute of Post Harvest Engineering & Technology , P.O. PAU Campus, Ludhiana-141004	Newer concepts and techniques in development of health foods	21 Days	01-21 July, 2012	Summer School	Tel: 0161-2313103; 2313113; Fax: 0161-2308670; Email: rkguptacipheth@gmail.com
3	Dr. M.K Basak	Course 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	26 Jun-16 July,2012	Summer School	Tel:033-24212115; Fax: 033-24712583
4	Dr. C.R Mehta	Head, AMD	Central Institute of Agricultural Engg. , Nabi Bagh, Berasia Road, Bhopal-462038	Engineering Interventions in Conservation Agriculture for Enhancing Agricultural Productivity and Climate Change Mitigation.	21 Days	22Jun.-12Jul, 2012	Summer School	Tel:0755-2747894; Fax: 0755-2734016 Email: crmehta@ciae.res.in;
5	Dr. P.C Bargale	Principal Scientist & Head	Technology Transfer Division, Central Institute of Agricultural Engg., Nabi Bagh, Berasia Road, Bhopal-462038	Techopreneurship Opportunities in Agricultural Mechanization.	21 Days	20 Nov-10 Dec., 2012	Winter School	Tel:07552521140/33/34; Fax: 0755-2734016 Email: pcbargale@ciae.res.in;
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	Tel: 011-25847122 (extn. 4157); Mob: 9999422935 Email: arrao@iasri.res.in/ rao.cshl.work@gmail.com;
Agriculture Extension/Home Science								
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, Dec., 2012	Winter School	Tel: 01512251122; Fax:0151-2251122 Mob:09829196962; Email: dee@raubikaner.org
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	04-24 Sep., 2012	Winter School	Tel: 05944-233073; Fax:05944233471; Mob: 09759074059; Email: n_11bhard@yahoo.co.in;

9	Prof. M.M. Adhikary	Professor	Department of Agriculture Extension, BCKV, Mohanpur, Nadia-741252	Extension Strategy for Entrepreneurship Development and Management in Agro Processing and Value Addition.	21 Days	04-24 Dec., 2012	winter School	Tel: 03473-2226555 Mob: 09830006996/ 09433010699; Email:dradhikary@gmail.com; mma_bckv@yahoo.in
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	Mob:08763502269; Tel: 06742386220; Fax: 0674-2386242 Email:ponnusamyk@hotmail.com/ nrcwa@nic.in
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	Tel: 0161-2401960/72; Email: hodct@pau.edu
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	Tel: 0294-2471914/2471616; Email: shivratan.maloo@yahoo.com/ shashijain13@yahoo.co.in
Animal Science								
13	Dr. S. Samantaray	Professor	Prof. In Charge, Veterinary Emergency Response Unit, Bihar Veterinary college, Patna-800 014,	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	Mob: 09473422185; Fax: 0612-2222231; Email: samantarays@hotmail.com; samantarapatna@gmail.com
14	Dr. (Mrs.) Manpal Sridhar	Principal Scientist	National Institute of Animal Nutrition and Physiology , Adugodi, Bangalore-560 030	Advances in Functional Genomic Concepts and Techniques for Quality Ruminant and Poultry Production.	21 Days	26 Sep.-16 Oct., 2012	Winter School	Tel: 080-25711304/25711164; Fax: 080-25711420; Email: ktsampath@sify.com; nianp@saccharnet.in
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	Tel:0581-2302498; Mob: 09412318322; Email: vermaak62@gmail.com
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	Tel: 044-25550366; Mob: 09381013014; Email: drpratha@yahoo.co.uk; dc@tanuvas.org.in
17	Dr. V.V. Kulkarni	Professor & Head	Department of Meat Science Technology, Veterinary College and Research Institute, Namakkal--637 002	Opportunities in value addition and Challenges in Quality Control of meat products including slaughterhouse by_products	21 Days	04-24 July, 2012	Summer School	Tel:04286-266491/93; Mob: 09443349491; Fax:04286-266484 Email: vvkui@rediffmail.com; vcrisummerschool2012@gmail.com
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	Tel: 0184-2259135; Fax:0184-2250042 Mob: 09416411258; Email: drdheer.simgh@gmail.com; dheer@ndri.res.in

Crop Science								
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 Dec., 2012	Winter School	Tel: 040-24015344/44; Fax:040-24017969 Mob: 09440880335; Email: muipurisujata@yahoo.com
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	Tel: 0761-2680771; Mob: 09425087014; Email: shoumitrad@yahoo.com
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	Tel:011-25843984; Mob: 09818902455/ 9818745925; Email: kumarpa@nrpcb.org
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	13 Sept.-03 Oct., 2012	Summer School	Tel: 040-24591234; Fax:040-24591217 Email: paddi68@rediffmail.com
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	Tel: 011-25841952; Fax:011-25841564 Mob: 09868183384 Email: knsingh@iasri.res.in
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	15 Jun.-05 Jul., 2012	Summer School	Tel: 0294-2418866; Fax:0294-2418976 Email: opameta@yahoo.com
Fisheries Science								
25	Dr. Saly N. Thomas	Senior Scientist	Fishing Technology Division, CIPT, Matsyapuri, P.O., Cochin-682029	Fish Harvesting Systems for Resource Conservation.	21 Days	20 Nov.-10 Dec., 2012	Winter School	Tel: 0484-2666845(Ext.-359); Fax:0484-2666845 Mob: 09447607124; Email: salynthomas@gmail.com; saly_t@rediffmail.com
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., 2013	Winter School	Tel: 0674-2465884; Fax: 0674-2465407 Email: hod.nutrition@gmail.com
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	Tel: 044-24618817; Fax: 044-24610311 Mob: 09444922514; Email: cdopal@rediffmail.com; cgopal@ciba.res.in

Horticulture								
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	Tel: 0712-2500813/2500249; Fax: 0712-2500813 Email: citrus8_ngp@sancharnet.in
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	Tel: 01792-252410; Email: vkjoshipt@rediffmail.com
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	05-25 Sep., 2012	Winter School	Fax: 0151-2250145 Mob: 09414012453; Email: ciah@nic.in
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	Fax: 0836-2444041 Mob: 09448495310; Email: hitechhortusad@gmail.com
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	Mob:09810185336; Email: pkalia@iari.res.in; pritamkalia@lycos.com;/ pritam.kalia@gmail.com
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	Tel: 0542-2635236; Fax:05443-229007; Mob: 09415483087; Email; abraiiivr@gmail.com
NRM								
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	Tel: 0121-2578479; Mob:09412061830; Email: bgangwar@pdfsr.ernet.in;/ directorpdfsr@yahoo.com
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	Tel; 0724-2258218; Mob: 09960564637; Email: hdagronomy@pdkv.mah.nic.in; / vmb1957@yahoo.co.in
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	Tel:0422-6611376: Email:biofuels@tnau.ac.in
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	21 Nov.-11 Dec., 2012	Winter School	Tel:02452-234150; Mob: 08007810778; Email: pskadam2010@gmail.com

Agricultural Education								
38	Dr. P.S. Badal	Associate Professor	Department of Agricultural Economics, Institute of Agricultural Sciences, BHU, Varanasi-221 005	Food Retail Management: Emerging Issues and Frontier Areas of Research	21 Days	11-31 May, 2012	Summer School	Mob: 0945358482;/ 09450592732; Email: badalps@gmail.com
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	Tel: 040-24015070/24581322; Email: director@naarm.ernet.in

***The applicants for the course are advised to confirm the dates from the respective Course Directors.**

List of Short Courses Recommended for approval to be organized during the year 2012-13 in ICAR- AU System								
Sl. No.	Course Director	Designation	Address	Project title	Duration	Dates*	Short Course	Contact
Agriculture Engineering /Statistics and Computer Application								
1	Dr. Divya	Sr. Scientist	Processing and Product Development Division, Indian Institute of Natural Gums and Resins, 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	Fax:0651-2260202 Mob:09431707621 Email: dsdivyasharma714@gmail.com
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	Tel: 04994-232333 Email:georgevthomas@yahoo.com;
Agriculture Extension								
3	Dr. P.N. Antwal	Head	Department of Home Science MKV, Parbhani-431 402	Communication and Management Skills for Extension Professionals	10 Days	16 Jan-25 Jan., 2013	Short Course	Tel:02452-233260 ; Mob: 0860065868 ; Email: snehankit23@rediffmail.com
Animal Science								
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	Tel: 02692-261201

5	Dr. H. Rahman	Project Director	Project Directorate on Animal Disease Monitoring and Surveillance Hebbal, Bangalore- 560 024	Multipronged Approaches for Surveillance and Diagnosis of Brucellosis	10 Days	July-Aug., 2012	Short Course	Tel: 080-23412531 Mob: 09483527849;; Fax: 080-23415329 Email:hricar@gmail.com; director@pdadmas.ernet.in
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	17-26 Nov., 2012	Short Course	Tel; 040-24015651; Mob: 09490792635; Email: bhattacharyaatk@gmail.com
7	Dr. Sathish B. Shivachandra	Sr. Scientist	Division of Virology, Indian Veterinary Research Institute, Mukteshwar-263138	Recombinant Proteins: Applications in Veterinary Research and Diagnostics	10 Day	03-12 Oct., 2012	Short Course	Mob:9756002533; Email:sbshivachandra@gmail.com; /sbs_3@rediffmail.com
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	14-23 Jun, 2012	Short Course	Mob:09416296322; Fax: 0184-2267654; Email: dixitsp@gamil.com
Crop Science								
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	04-13 July, 2012	Short Course	Tel: 0177-2625073; Fax: 0177-2624460; Email: directorcpri@gmail.com
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	Mob: 09418084359; Tel:01894-230385 Email: mehta@hillagric.ernet.in
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	04-13 Sept., 2012	Short Course	Mob: 09845270395; Tel: 080-28446649/ 28466420; Fax: 080-28466291
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	Tel: 05944-233242/233879; Email: chawlahs15@gmail.com/ chawlahs_pantnagar@rediffmail.com

Fisheries Science								
13	Dr. Shyam S. Salim	Senior Scientist	Socioeconomic Evaluation & Technology Transfer Division, Central Marine Fisheries Research Institute , Ernakulam North P.O. 1603, Ernakulam-682 018	World Trade Agreement and Indian Fisheries Paradigms: A Policy Outlook	10 Days	17-26 Sept, 2012	Short Course	Tel: 0480-2394867; Mob: 9746885361 Email:shyam.icar@gmail.com
Horticulture								
14	Dr. S. Uma	Principal Scientist	National Research Center for Banana , Thogamalai Road, Thayanur, Tiruchirapalli-620 102	Advances in Gene Identification and Marker Development	10 Days	08-17 Oct., 2012	Short Course	Mob:09444090393; Email: umabinit@yahoo.co.in
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	03-12 Oct., 2012	Short Course	Mob: 09936610782; Tel: 0542-2635247; Email: dharmendradksingh@rediffmail.com
NRM								
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	Mob: 07552733310; Email: mmohanty@iiss.ernet.in;/ mmohanty_bpi@Yhoo.co.in
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	26 Sep.-05 Oct., 2012	Short Course	Tel: 040-24530161/2077 Mob: 09866814217; Email: vmaruthi@crida.ernet.in:/ vegapareddy@gmail.com
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	05-14 Oct., 2012	Short Course	Mob: 09440476993; Fax: 040-24591217; Email: kumarrm213@gmail.com
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	18-27 Sept., 2012	Short Course	Mob: 09303129693; Fax: 0755-2733310; Email: tapan_12000@yahoo.co.uk
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	Mob: 09246208478; Tel: 040-24530163; Email: pratibhaagro@yahoo.co.in;/ pratibhaagro65@gmail.com
21	Dr. Praveen Kumar	Principal Scientist	Division of Natural Resources and Environment, Central Arid Zone research Institute , Jodhpur-342003	Efficient Use of Organic Wastes for Sustainable Agriculture and Enhancing Soil Health in Low Rainfall Areas	10 Days	17-26 Sept., 2012	Short Course	Tel: 0291-2788789/2786584; Fax:0291-2788706; Mob:09460249988/09649652120 Email: Praveen_kumar@cazri.res.in
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	20-29 Nov., 2012	Short Course	Mob: 09449039813; Tel: 04994-232898/95; Email: cpcpri@nic.in

Agricultural Education								
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	Mob: 09440789649; Fax: 040-24015912 Email: murthy@naarm.ernet.in;

***The applicants for the course are advised to confirm the dates from the respective Course Directors.**