

NAARM
Capacity
Building
Programmes
2016-17



भाकृअनुप-राष्ट्रीय कृषि अनुसंधान प्रबंध अकादमी
राजेन्द्रनगर, हैदराबाद-500030, तेलंगाण, भारत
ICAR-National Academy of Agricultural Research Management
(ISO 9001:2008 Certified)

Rajendranagar, Hyderabad-500030, Telangana, India
<http://www.naarm.ernet.in>; <http://www.naarm.org.in>



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ICAR-National Academy of Agricultural Research Management (NAARM)
Rajendranagar, Hyderabad-500030

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A. Foundation Course for Agricultural Research Service (FOCARS)

The foundation course for agricultural research service, which is basic induction training for the scientists newly recruited to agricultural research service, with three months duration, is organized in three phases. Phase 1: Agricultural research systems and management processes - concept and principles; Phase 2: Technology generation and transfer process - field experience training; Phase 3: Agricultural research systems and management processes - practice and applications. The foundation course aims at exposing the participants to the various aspects of agricultural research project management, in addition to developing adequate skills in them for managing their research, by inculcating inter-disciplinary team spirit. It also prepares them for the future demands of agricultural research, at the national as well as at the international level. Two courses are being offered during 2016-17.

A-01.: 104 Foundation Course for Agricultural Research Service (104 FOCARS)

Duration	: 3 Months
Course Dates	: July 5 – 4 October 2016
Eligibility	: Newly recruited ARS scientists of ICAR as per ICAR appointment orders
Course Fee	: Nil
Core contents	: Agricultural Policy Perspectives, Intellectual Property Rights and Technology Management, Administrative and Financial Management in ICAR, Human Resources Management, Project Management, Information Technology Management, Documentation, Presentation, and Communication Management, Participatory Technology Development and Dissemination, Developing Winning Research Proposal, Futuristic and Multidisciplinary Perspective
Course Directors	: SK Soam (soam@naarm.ernet.in) P Venkatesan (venkatesan@naarm.ernet.in)

A-02.: 105 Foundation Course for Agricultural Research Service (105 FOCARS)

Duration	: 3 Months
Course Dates	: January 5 – 4 April 2017
Eligibility	: Newly recruited ARS Scientists of ICAR as per ICAR appointment orders

Course Fee : Nil

Core contents : Agricultural Policy Perspectives, Intellectual Property Rights and Technology Management, Administrative and Financial Management in ICAR, Human Resources Management, Project Management, Information Technology Management, Documentation, Presentation, and Communication Management, Participatory Technology Development and Dissemination, Developing Winning Research Proposal, Futuristic and Multidisciplinary Perspective

Course Directors : K Kareemulla (kalakareem@naarm.ernet.in)
S Ravichandran (ravichandran@naarm.ernet.in)

B. Foundation Course for Faculty of Agricultural Universities (FOCFAU)

Foundation training for personnel entering service of AUs in Assistant Professor or equivalent cadre which is of one-month duration is aimed at imparting the required knowledge and skills to trainees in order that they are empowered to handle different tasks keeping in view the tri-functional nature of their work in these universities. Further, they are also exposed to latest concepts of Information Technology and Human Resources Management besides the university statutes, rules, regulations and funding aspects.

B-01.: Foundation Course for Faculty of Agricultural Universities

Duration : 1 Month

Course Dates : May 2 – 31, 2016

Eligibility : Faculty members in the cadre of Assistant Professors or equivalent from State Agricultural / Veterinary / Animal / Dairy / Fisheries / Horticulture / Forestry Science Universities, Central Agricultural Universities, ICAR Deemed Universities, Central Universities and general Universities with agricultural faculty, having less than 2 years of experience

Course Fee : Nil

Core contents : Agricultural Scenario, NARS, basics of Learning and Teaching, Instructional / Educational Technology, E-learning, Research Project Management; Transfer of Technology, and Administration and Finance Management

Course Directors : Bharat S Sontakki (bharatss@naarm.ernet.in)
GRK Murthy (murthy@naarm.ernet.in)

C. Foundation Course for AOs and FAOs

This course is a basic foundation training for the directly recruited Administrative Officers (AOs) and Finance and Accounts Officers (FAOs) of ICAR, to acquaint them with the rules and regulations of ICAR and the management principles, with a view to develop adequate skills in them to deliver their responsibility towards organizational effectiveness.

B-02.: Foundation Training for AOs and FAOs

Duration : One Month

Course Dates : August 1 - 30, 2016

Eligibility : Directly recruited combined cadre officers (AO&FAO)

Course Fee : Nil

Core contents : Administrative matters, Financial Management, Personality Development and Behavioural dimensions

Course Directors : Ashish Roy (jdar@naarm.ernet.in)
S. George (cfao@naarm.ernet.in)

D. Leadership Development Programs

D1. Executive Development Programs on Leadership Development

These programs are designed for the newly-recruited Directors including Directors of ATARIs, Assistant Director Generals, Joint Directors of National Institutions and others who comprise the Research Management Position cadre of ICAR. The focus of the Programs is on leadership development for transition of National Agricultural Research System to National Agricultural Innovation System.

D1-01.: Executive Development Program on Leadership Development

Duration : 5 days

Program Dates : August 27 - September 1, 2016

- Eligibility** : Newly recruited Directors including Directors of ATARIs, Assistant Director s General, Joint Directors of the Indian Council of Agricultural Research who are in the Research Management Position cadre
- Program Fee** : Nil
- Core Contents** : Leadership Challenges, Leadership qualities and Core competencies, Aspects related to system management
- Program Directors** : R Kalpana Sastry (jd@naarm.ernet.in)
D Rama Rao (director@naarm.ernet.in)

D1-02.: Executive Development Program on Leadership Development

- Duration** : 5 days
- Program Dates** : February 14 – 18, 2017
- Eligibility** : Newly recruited Directors of ICAR Institutes including ATARIs, Assistant Directors General, Joint Directors of the Indian Council of Agricultural Research who are in the Research Management Position cadre
- Program Fee** : Nil
- Core Contents** : Leadership Challenges in NARS, Leadership qualities, Core Competencies, Aspects related to system management
- Program Directors** : R Kalpana Sastry (jd@naarm.ernet.in)
SK Soam (soam@naarm.ernet.in)

D2. Management Development Programs on Leadership Development (for Pre-RMP Cadre)

These programs are planned to catalyse succession planning in NARS. Client group for these Programs includes Heads of Divisions and other senior-functionaries who are in the pre-RMP cadre of the organization and who are responsible for leading various activities at their level.

D2-01.:Management Development Program on Leadership Development (a pre-RMP Program)

- Duration** : 12 days
- Program Dates** : June 7 - 18, 2016

- Eligibility** : Heads of Divisions of ICAR, Project Coordinators of ICAR, and Heads of Departments, Associate Directors of Research, Associate Deans of Agricultural Universities
- Program Fee** : ₹. 15,000/- (Non-ICAR participants)
- Core Contents** : Research Management, Human Resource Management, Administration and Finance Management, Legal, Procurement, and Vigilance issues
- Program Directors** : N Sandhya Shenoy (nss@naarm.ernet.in)
KH Rao (khrao@naarm.ernet.in)

D2-02.: Management Development Program on Leadership Development (a pre-RMP Program)

- Duration** : 12 days
- Program dates** : December 19 – 30, 2016
- Eligibility** : Heads of Divisions of ICAR, Project Coordinators of ICAR, and Heads of Departments, Associate Directors of Research, Associate Deans of State Agricultural Universities
- Program Fee** : 15,000/- (Non-ICAR participants)
- Core contents** : Research Management, Human Resource Management, Administration and Finance Management, Legal, Procurement, and Vigilance issues
- Program Directors** : RVS Rao (rvs@naarm.ernet.in)
K Srinivas (ksrinivas@naarm.ernet.in)

D3. Management Development Program for newly recruited Program Coordinators of KVKs

D3-01.: MDP for newly recruited Program Coordinators of KVKs

- Duration** : 15 days
- Program Dates** : April 22 – 6 May, 2016
- Eligibility** : Newly recruited Program Coordinators from 8 ATARIs of the Country
- Program Fee** : Nil

Core contents : To familiarize participants to the organizational structural and functional aspects of KVK system vis-à-vis its role in agricultural and rural development; to sensitize on global and national perspective on contemporary and future challenges in agricultural extension management; stimulate critical thinking, interdisciplinary teamwork and professional values and ethics for effective participation in and contribution to agricultural and rural development; provide knowledge and skills for enhancing personality and interpersonal relationships, communication and negotiation, motivation and organizational behaviour, and to equip the participants with modern concepts and practices for effective management of human, financial, information and knowledge resources for impact-making.

Program Directors : D Thammi Raju (dtraju@naarm.ernet.in)
P Venkatesan (venkatesan@naarm.ernet.in)

D3-02.: MDP for newly recruited Program Coordinators of KVKs

Duration : 15 days

Program Dates : December 16 – 30, 2016

Eligibility : Newly recruited Program Coordinators from 8 ATARIs of the Country

Program Fee : Nil

Core contents : To familiarize participants to the organizational structural and functional aspects of KVK system vis-à-vis its role in agricultural and rural development; to sensitize on global and national perspective on contemporary and future challenges in agricultural extension management; stimulate critical thinking, interdisciplinary teamwork and professional values and ethics for effective participation in and contribution to agricultural and rural development; provide knowledge and skills for enhancing personality and interpersonal relationships, communication and negotiation, motivation and organizational behaviour, and to equip the participants with modern concepts and practices for effective management of human, financial, information and knowledge resources for impact-making.

Program Directors : S Senthil Vinayagam (senthil@naarm.ernet.in)
VKJ Rao (vjr@naarm.ernet.in)

E. Refresher Course

These courses are organized for directly recruited Senior and Principal Scientists in ICAR.

E-01.: Refresher Course on Agricultural Research Management

Duration	: 12 days
Course Dates	: November 15 - 26, 2016
Eligibility	: Newly recruited Senior / Principal Scientists of Non-ARS stream
Course Fee	: Nil
Core contents	: National and International Agricultural Research Systems, Orientation to ICAR System, Research Project Formulation, Monitoring and Evaluation, IPR Issues, Human Resource Management, Team work for Interdisciplinary Research in Agriculture, Information and Communication Management, Administration and Finance Management
Course Directors	: Surya Rathore (suryarathore@naarm.ernet.in) MB Dastagiri (dastagiri@naarm.ernet.in)

F. Need Based Programs

These Programs are organized for mid-career managerial, scientific, technical and administrative personnel of National Agricultural Research System. They are designated for imparting advanced knowledge and skills in agricultural research management, human resource management, information and communication management, education systems management, extension systems management, and agri-business management.

F-01.: Training Program on Reservation in Service including Reservation Roster and Reservation Register

Duration	: 3 days
Program Dates	: April 27 - 29, 2016
Eligibility	: CAOs / SAOs / AOs / AAOs and Liaison Officers for SC / ST and OBC of ICAR Institutes.

- Program Fee** : Nil
- Core contents** : History, Reservation Policy, National Commissions, Roster Preparation, Case Studies and Practical Exercises
- Program Directors** : BD Phansal (cao@naarm.ernet.in)
Debasis Moitra (caonaarm@gmail.com)

F-02.: Training Program on Priority Setting, Monitoring and Evaluation (PME)

- Duration** : 5 days
- Program Dates** : May 24-28, 2016
- Eligibility** : Scientists involved in PME activities of ICAR / SAUs, middle and senior level scientists, agricultural research policy-makers and research managers from research institutes and from donor agencies for research. Any other person who is either working in or interested in PME or agricultural research may also participate
- Program Fee** : ₹. 7000/- (Non-ICAR participants)
- Core contents** : PME in Agricultural R & D – overview, PME techniques for agricultural R&D, Macro and Micro level priority setting, Environmental and socio-economic aspects of M&E, issues in PME on targeted resources and groups
- Program Directors** : I Sekar (sekariyyapa@naarm.ernet.in)
K Srinivas (ksrinivas@naarm.ernet.in)

F-03.: Competency Enhancement Program for Technical Officers of ICAR

- Duration** : 10 Days
- Program Dates** : June 1 - 10, 2016
- Eligibility** : Technical Officers of ICAR Institutes
- Program Fee** : Nil
- Core contents** : Personality Development, Communication Skills, Stress Management, Database Management, FMS/MIS in ICAR, Library Information Management, Administrative and Financial Procedures, Technical-

Scientist Interface, Technology Management in Agriculture, RTI, Technical Service Rules, Morals and Ethics, Positive Thinking, Farm Mechanization, Labour Management, Safety Management Practices at laboratories and Field Visits.

Program Directors : PD Sreekanth (sreekanth@naarm.ernet.in)
MA Basith (basith@naarm.ernet.in)

F-04.: Training Program on Impact Assessment of Agricultural Extension

Duration : 5 days

Program Dates : June 6 - 10, 2016

Eligibility : Extension Scientists of ICAR institutes/ SMS and Program coordinators of KVKs/ Faculty of Universities, Colleges/ Leaders of NGOs/ District level officers of Agriculture and allied departments

Program Fee : ₹. 7000/- (Non-ICAR participants)

Core contents : Understand program evaluation – what it is and reasons for doing it; describe evaluation principles and frequently used models of Program evaluation identify indicators of Program success for a given agricultural extension project/policy; select appropriate methods/techniques of data collection for conducting process and impact evaluations; understand the use of statistics to analyze data, interpret results, write evaluation reports, and share findings with stakeholders; and Develop evaluation plans to document impacts of extension Programs.

Program Directors : Surya Rathore (suryarathore@naarm.ernet.in)
B Ganesh Kumar (ganesh@naarm.ernet.in)

F-05.: Intellectual Property and Technology Management for Researchers (Under IP & TM project)

Duration : One Week

Program Dates : June 13 - 18, 2016

Eligibility : Scientists engaged in agricultural research, members of ITMU/ZTMCs in ICAR system, Personnel in BPD, Personnel with portfolio of issues on IP or technology transfer in any R & D group including researchers of public research institutions, commercial research institutions, business people and personnel from industry associations and academic

Program Fee : Under IP&TM Project

Core contents : Science, technology and innovation in knowledge economy, Knowledge and Role of researchers, Writing a winning research proposal, Quantitative methods for science and innovation policy research, Communicating science to the public, Public sector- industry linkages, PPP mode , Technology commercialization and marketing, Techno-entrepreneurship, Innovation Management, Intellectual Property Rights and Patents, Technology Communication to the industry and negotiating with stakeholders, and New product development, Technology product life cycle and pricing Project risk management

Program Directors : Manoj P Samuel (manoj@naarm.ernet.in)
R Kalpana Sastry (jd@naarm.ernet.in)

F.06.: Training Program on Big Data and Its Applications in Agriculture (DST Sponsored)

Duration : 10 days

Program Dates : June 13 – 23, 2016

Eligibility : Scientists, Faculty of SAUs, NGOs, PPPs, other Government Organizations and Universities and Students.

Program Fee : Nil

Core contents : Data science basic, Basic and Advanced data models, finding structure in Data Mapreduce and Hadoop, Distributed and parallel computing using R, analyzing data in Motion database and operationalizing big data and case studies in agriculture.

Program Directors : S Ravichandran (ravichandran@naarm.ernet.in)
N Sivaramane (sivaramane@naarm.ernet.in)

F-07.: Training Program on Hospitality Management

Duration : 3 days

Program Dates : August 10-12, 2016

Eligibility : Staff who are associated with guest house, caretaking / supervision in ICAR institutes

- Program Fee** : Nil
- Core contents** : Management of accommodation, front office, housekeeping, food safety quality, hygiene and communication skills
- Program Directors** : Zameer Ahmed (zameer@naarm.ernet.in)
V Murali (murali@naarm.ernet.in)

F-08.: Competency Enhancement Program for Technical Officers of ICAR

- Duration** : 10 Days
- Program Dates** : August 17 - 26, 2016
- Eligibility** : Technical Officers of ICAR Institutes
- Program Fee** : Nil
- Core contents** : Personality Development, Communication Skills, Stress Management, Database Management, FMS/MIS in ICAR, Library Information Management, Administrative and Financial Procedures, Technical-Scientist Interface, Technology Management in Agriculture, RTI, Technical Service Rules, Morals and Ethics, Positive Thinking, Farm Mechanization, Labour Management, Safety Management Practices at laboratories and Field Visits.
- Program Directors** : Cheeli Janardhan Rao (janardhanrao@naarm.ernet.in)
Laxman Maharu Ahire (ahire@naarm.ernet.in)

F-09.: Training Program on Analysis of Experimental Data

- Duration** : One Week
- Program Dates** : August 18 - 23, 2016
- Eligibility** : Assistant Professors / Scientists and above cadre working in the field of agricultural sciences. Participants should possess some prior knowledge of computers
- Program Fee** : ₹. 7000/- (Non-ICAR participants)

Core contents : Basic principles of experimentation, visualization of experimental data, Tests of significance and analysis of variance, response surface designs, Assumption checking and handling of problem data, Communication of research results

Program Directors : S Ravichandran (ravichandran@naarm.ernet.in)
A Dhandapani (dhandapani@naarm.ernet.in)

F-10.: Training Program on Stress Management

Duration : 4 days

Program Dates : September 6 - 9, 2016

Eligibility : Senior managers like Directors, Joint Directors Heads of Department, Directors of ATARIs and Project Coordinators, CAOs and FAOs, Principal Scientist, and CMOs of ICAR, Heads of the Department and Associate Directors of Research, Registrars, Comptrollers and Senior Professors of SAUs.

Program Fee : ₹. 7000/- (Non-ICAR participants)

Core contents : Understanding the medical and psychological mechanisms of stress and related Diseases. Psychometric and medical assessment of stress including relevant investigations, Interactive sessions with specialized doctors, time management and emotional Intelligence.

Program Directors : A Debnath (debnath@naarm.ernet.in)
P Ramesh (rameshp@naarm.ernet.in)

F-11.: Training Program on Developing Winning Research Proposals in Agricultural Research

Duration : 5 days

Program Dates : September 20 - 24, 2016

Eligibility : Scientists in ICAR, Agricultural Universities and KVKs, Scientists from NGOs and General Universities working in agriculture related disciplines

Program Fee : ₹. 7000/- (Non-ICAR participants)

Core contents : Overview of agricultural research projects, contextual understanding, sharing examples of winning research proposals, research program planning using AHP& other management tools, clarifying research objectives at conceptual level and implementation level, hands on practice on project log-frame, stakeholder analysis, online communication tools, data visualization.

Program Directors : SK Soam (soam@naarm.ernet.in)
Bharat S Sontakki (bhratss@naarm.ernet.in)

F-12.: MDP on Administrative and Financial Management

Duration : 5 days

Program Dates : October 3 - 7, 2016

Eligibility : CAOs/CFAOs/SAOs/SFAOs with 5-10 years' experience

Program Fee : Nil

Core contents : Pay fixation, Pension rules including new pension scheme, Financial management and general financial rules, Purchase procedures, Communication skills, Stress management, Administrative vigilance, Right to Information Act, 2005, Disciplinary matters CCS (CCA) Rules, Contract labour (regulation and abolition) Act & industrial disputes Act, Important provisions of the Constitution of India relating to labour laws, FMS/MIS in ICAR, ICAR rules and guidelines for professional service functions (training, consultancy, contract research and contract service).

Program Directors : Ashish Roy (jdar@naarm.ernet.in)
S. George (cfao@naarm.ernet.in)

F-13.: MDP on Emotional Intelligence at Work

Duration : 4 days

Program Dates : October 4 - 7, 2016

- Eligibility** : Scientists in ICAR, Agricultural Universities and KVVKs, Scientists from NGOs and General Universities working in agriculture related disciplines
- Program Fee** : ₹. 7000/- (Non-ICAR participants)
- Core contents** : Emotional Sensitivity, Emotional Maturity and Emotional Competency, Emotional Intelligence, empathy and Interpersonal Relationships
- Program Directors** : KH Rao (khrao@naarm.ernet.in)
P Ramesh (rameshp@naarm.ernet.in)

F-14.: Training Program on GIS for Natural Resources Management

- Duration** : 10 days
- Program Dates** : October 18 - 27, 2016
- Eligibility** : Assistant Professors / Scientists and above cadre working in the area of Natural Resource Management. Participants should possess some prior knowledge of GIS, statistics and computers
- Program Fee** : ₹. 10000/- (Non-ICAR participants)
- Core contents** : Types spatial data, visualization of spatial data using GIS / other softwares, basic geostatistics, geospatial analysis, fitting of various spatial / spatio-temporal models
- Program Directors:** PD Sreekanth(sreekanth@naarm.ernet.in)
SK Soam(soam@naarm.ernet.in)

F-15.: Training Workshop on Video and Computer Based Educational Materials Production (Under TELAgE project)

- Duration** : 10 days
- Program Dates** : October 19 - 28, 2016
- Eligibility** : Consortia partners of TELAgE, Faculty of AUs
- Program Fee** : Nil
- Core contents** : Video material production and management for education, MOOC, LMS, Teaching with technology, teaching methodologies, micro teaching etc.

Program Directors : D Thammi Raju (dtraju@naarm.ernet.in)
S Senthil Vinayagam (senthil@naarm.ernet.in)

F-16.: Competency Skills Enhancement for Extension Professionals (ICAR Sponsored)

Duration : 10 Days

Program Dates : November 1 - 10, 2016

Eligibility : Entry Level and Middle level Scientists in ICAR, Agricultural Universities and KVKs, NGOs and General Universities working in agriculture related disciplines

Program Fee : Nil

Core contents : Communication Skills, Personality Development, Reading Skills, Leadership Development, Negotiation Skills, Presentation Skills, ICAT tools in Agriculture, Transactional Analysis, Social Marketing, Social Network Analysis, Group Dynamics and Team Building, Institutional Innovations in Communication Technology, Creativity and problem Solving, Thinking and Listening Skills, Conflict Management, Creativity and Problem Solving, Stress Management and Field Visits.

Program Directors : P Venkatesan (venkatesan@naarm.ernet.in)
Bharat S Sontakki (bhratss@naarm.ernet.in)

F.17.: Training Program on Bioinformatics tools and techniques in Agriculture

Duration : 10 days

Program Dates : November 1 - 10, 2016

Eligibility : Scientists, Faculty and Officials of ICAR, SAUs, Research Scholars and other organisations working in agriculture and allied disciplines

Program Fee : ₹. 10000/- (Non-ICAR participants)

Core contents : Emerging bioinformatics applications; UNIX Command-Line Introduction; Internet and search engines; Database creation and databases and internet resources for Bioinformatics analysis; Similarity search and sequence alignment; Open Access in Bioinformatics; Biodiversity Informatics; Molecular Markers in crop improvement; Software for

Molecular Marker Analysis; Genomics & Proteomics; Data mining in Bioinformatics; Bioinformatics inferences in Agriculture; RNA Sequencing; Introduction to R-Language; Big data and bioinformatics in Agriculture; IPR issues in Bioinformatics

Program Directors : M. Balakrishnan (balakrishnan@naarm.ernet.in)
Dinesh Kumar (ICAR-IASRI)

F-18.: Training Workshop on Innovative Approaches to Technology Enhanced Learning (under TELAgE Project)

Duration : 10 days

Program Dates : November 17 - 26, 2016

Eligibility : Consortia partners of TELAgE, Faculty of AUs (of minimum rank of Assistant Professor) and Deemed Universities of Agriculture and allied disciplines

Program Fee : Nil

Core contents : IT based hardware and software resources for technology enhanced learning, Technology based content sharing methodologies, E-teaching techniques using high end technology resources, e-content capturing, Learning management systems- concepts and practice, online interactive techniques, online evaluation tools and techniques, E-content development techniques using multimedia

Program Directors : GRK Murthy (murthy@naarm.ernet.in)
P Ramesh (rameshp@naarm.ernet.in)

F-19.: Competency Enhancement Program on Motivation and Positive Thinking for Technical Officers of ICAR.

Duration : 10 Days

Program Dates : November 30 - December 9, 2016

Eligibility : Technical Officers of ICAR Institutes

Program Fee : Nil

Core contents : Perception , Motivation, Trust Building, Interpersonal relationship, Positive Attitude, Assertiveness, Teamwork, Understanding people's behaviour and Communication Skills

Program Directors : N Sivaramane (sivaramane@naarm.ernet.in)
P Vijender Reddy (vijender@naarm.ernet.in)

F-20.: ICAR Short Course on Recent Innovations in Educational Technology

Duration : 10 days

Program Dates : December 6 - 15, 2016

Eligibility : Not below the rank of Assistant Professor and equivalent in the concerned subject under Agricultural / Veterinary / Horticultural / Fishery Universities / ICAR Deemed Universities / Central Universities with Agriculture faculty

Program Fee : Nil

Core contents : Develop teaching competency through innovative methods leading to Quality improvement in higher agricultural education; Integration of teaching with technology, insight on emerging teaching methods and knowledge management practices

Program Directors : P Ramesh (rameshp@naarm.ernet.in)
D Thammi Raju (dtraju@naarm.ernet.in)

F-21.: Competency Enhancement Programme on Communication and Scientific Writing for Technical Officers of ICAR

Duration : 7 days

Program Dates : January 19-25, 2017

Eligibility : Technical Officers of ICAR Institutes

Program Fee : Nil

Core contents : Topics Related to Communication and Scientific Writing

Program Directors : Ravi Viswanathan(viswanathanravi @naarm.ernet.in)
G. Aneeja (aneeja@naarm.ernet.in)

F-21.: Training Workshop on Strategies for Promoting Farmer Producer Organizations

Duration	: One Week
Dates	: February 20 - 25, 2017
Eligibility	: PCs of KVKs, Associate Professors from SAUs, Directors of Producer Companies etc.
Workshop Fee	: ₹. 7000/- (Non-ICAR participants)
Core contents	: FPO financing, Formation, objects, management, member benefits, reserve, dispute resolution etc., Producer Company, robust framework for the small producers for effective market linking, Challenges for Producer Company to farmer income, Building new business with FPO, Policy barriers in agri-marketing and how to resolve them.
Workshop Directors:	P Venkatesan (venkatesan@naarm.ernet.in) Bharat S Sontakki (bharatss@naarm.ernet.in)

F-22.: Training Program on Analysis of Experimental Data

Duration	: One Week
Program Dates	: February 20-25, 2017
Eligibility	: Assistant Professors / Scientists and above cadre working in the field of agricultural sciences. Participants should possess some prior knowledge of computers
Program Fee	: ₹. 7000/- (Non-ICAR participants)
Core contents	: Basic principles of experimentation, visualization of experimental data, Tests of significance and analysis of variance, response surface designs, Assumption checking and handling of problem data, Communication of research results
Program Directors	: A. Dhandapani(dhandapani@naarm.ernet.in) S. Ravichandran(ravichandran@naarm.ernet.in)

F-23.: Competency Enhancement Program on Library Information Systems for Technical Officers of ICAR

Duration	: 10 Days
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- Program Dates** : March 1 - 10, 2017
- Eligibility** : Technical Officers of ICAR Institutes
- Program Fee** : Nil
- Core contents** : Topics related to Library Information Systems.
- Program Directors** : PC Meena (pc_meena@naarm.ernet.in)
KV Kumar (kvkumar@naarm.ernet.in)

G. Online Course

With an objective to reach wider audience, online courses have been designed and are offered on Massive Open Online Course (MOOC) platform. This course offers to trainees to undergo training process at their pace, in their place and in their timeframe.

G-1.: Massive Open Online Course (MOOC) on Competency Enhancement for Effective Teaching

- Duration** : Four Weeks
- Program Dates** : November 18 – 15 December 2016
- Eligibility** : Teachers, Budding and aspiring teachers
- Program Fee** : ₹. 500/- (for certification)
- Core contents** : Psychological foundation for teaching – learning process, Pedagogical Content Knowledge (Innovative Teaching methods, Lesson Plan), Soft skills (Communication and Presentation skills) and Technological skills (Teaching with Technology)
- Program Directors** : D Thammi Raju (dtraju@naarm.ernet.in)
GRK Murthy (murthy@naarm.ernet.in)

H. International Training Programs

The Academy provides training opportunities for the scientists and managers from international institutions, involving particularly the developing countries, in the specialized area in management of agricultural research, education and extension.

International participants are also encouraged to attend and participate in other programs of the Academy listed for the national participants in this booklet. In addition, the Academy offers customized training solutions and service to the international client organizations based on their specific demands in the following thematic areas.

- ❖ *Agricultural research management*
- ❖ *Human resources management*
- ❖ *Information technology applications in agriculture*
- ❖ *Educational technology*
- ❖ *Extension systems management*
- ❖ *Decision support systems (DSS) for sustainable agriculture*
- ❖ *Technology management in agriculture*
- ❖ *Training management*
- ❖ *Developing winning research proposals*
- ❖ *Administration and finance management*

Participants for the international Programs require prior approval from the Department of Agricultural Research and Education (DARE), Ministry of Agriculture, Government of India and the Indian Council of agricultural Research. Since these clearances need at least three to four months' time, the international participants are advised to plan accordingly in advance for enrolment in any of the programs.

I. Sponsored Programs

Apart from the courses and programmes listed in this booklet, the Academy offers customized programmes in both off-campus and on-campus mode, on request from research, educational and other institutions of NARES in the following areas with core contents.

1. Agricultural Research Management

Global and national agricultural scenarios, Achievements and future perspectives of Indian agriculture, National Agricultural Research Systems in India, Research management process, Research project management cycle: problem diagnosis, priority setting, project planning and formulation, project management techniques, Monitoring and Evaluations of research projects, Impact assessment of agricultural research, Research-extension linkage, Multidisciplinary team building, World Trade Agreement (WTA), Intellectual Property Rights (IPR) and Planning, Research proposal development

2. Human Resource Management

Personality development, Motivation, Time management, Interpersonal relations, Conflict management, Teamwork, Performance management, leadership, Training and Development

3. Information Technology Applications in Agriculture

Information systems in agriculture, Digital content development, Web based applications, On-line learning and distance learning, e-learning, Content management, LMS, Evaluation and testing in e-learning, e-content formats for e-Learning, Open source tools.

4. Educational Technology

Curriculum design and development, instructional strategies, Concept and principles of teaching and learning, Student-centered learning, Students performance evaluation, Emerging concept-e learning, on-line learning, team teaching

5. Extension Systems Management

Outreach role of the institution and employees, Systems perspectives, Innovative institutional arrangements in extension, Communication skills and strategies, Information and Communication Technologies, Personality development and soft skills for extension professionals

6. Decision Support Systems (DSS) for Sustainable Agriculture

Concepts of DSS and Sustainable agriculture, Information systems (GIS, GPS, etc.) and their management, Network and their management, Digital content management, Data mining and warehousing, Precision farming

7. Technology Management in Agriculture

Intellectual Property Rights and their management in the areas of patents, Plant variety, Copy right trademarks and Geographical indicators, Technology valuation and Technology commercialization

8. Training Management

Concepts of training, Needs assessment, Curriculum design and delivery, Training methods, Training logistics management, Evaluations and impact assessment of training

9. Development Winning Research Proposals

Preparing effective concept notes and project proposals in prescribed format, Project management techniques, logical framework, project budgeting, designing output indicators for monitoring and evaluation, Writing tips, Editing, Benchmark evaluation of proposals

10. Administration and Financial Management

Responsive administration, Interface complexities, Conduct rules, TA and DA rules, Vigilance and disciplinary matters, Finance management, Purchase procedures, Inventory management

Month-wise Listing of Capacity Building Programs

April 2016

- (i) MDP for newly recruited PCs of KVKs (April 22-6 May, 2016) D Thammi Raju & P Venkatesan
- (ii) Training Program on Reservation in Service including Reservation Roster and Reservation Register (April 27 - 29, 2016) BD Phansal & Debasis Moitra

May 2016

- (i) MDP for newly recruited PCs of KVKs (April 22-6 May, 2016) D Thammi Raju & P Venkatesan
- (ii) Foundation Course for Faculty of Agricultural Universities (May 2-31, 2016)
Bharat S Sontakki & GRK Murthy
- (iii) Training Program on Priority Setting, Monitoring and Evaluation (PME) (May 24-28, 2016)
I Sekar & K. Srinivas

June 2016

- (i) Competency Enhancement Program for Technical Officers of ICAR (June 1 - 10, 2016)
PD Sreekanth & MA Basith
- (ii) Training Program on Impact Assessment of Agricultural Extension (June 6-10, 2016)
Surya Rathore & B. Ganesh Kumar
- (iii) MDP on Leadership Development (a pre-RMP Program) (June 7-18, 2016)
N. Sandhya Shenoy & KH Rao
- (iv) Intellectual Property and Technology Management for Researchers (under IP & TM Project)
(June 13-18, 2016) Manoj P Samuel & R Kalpana Sastry
- (v) Training Program on Big Data and its applications in Agriculture (DST Sponsored)
(June 13-23, 2016) S Ravichandran & N Sivaramane

July 2016

- (i) 104 FOCARS (July 5 – 4 October, 2016) SK Soam & P Venkatesan

August 2016

- (i) 104 FOCARS (July 5 – 4 October, 2016) SK Soam & P Venkatesan
- (ii) Training Program on Hospitality Management (August 10-12, 2016) Zameer Ahmed & V Murali
- (iii) Competency Enhancement Program for Technical Officers of ICAR (August 17 - 26, 2016)
Janardhan Rao & Laxman Maharu Ahire
- (iv) Training Program on Analysis of Experimental Data (August 18-23, 2016)
S. Ravichandran & A. Dhandapani
- (v) EDP on Leadership Development (August 27-September 1, 2016) R. Kalpana Sastry & D Rama Rao

Cheeli

September 2016

- (i) 104 FOCARS (July 5 – 4 October, 2016) SK Soam & P Venkatesan
- (ii) Training Program on Stress Management (September 6-9, 2016) A Debnath & P Ramesh
- (iii) Training Program on Developing Winning Research Proposals in Agricultural Research
(September 20-24, 2016) SK Soam & Bharat S Sontakki

October 2016

- (i) 104 FOCARS (July 5 – 4 October, 2016) SK Soam & P Venkatesan
- (ii) MDP on Administrative and Finance Management (October 3-7, 2016) Ashish Roy & S. George
- (iii) MDP on Emotional Intelligence at Work (October 4-7, 2016) KH Rao & P Ramesh

- (iv) Training Program on GIS for Natural Resource Management (October 18-27, 2016)
PD Sreekanth & SK Soam
- (v) Training Workshop on Video and Computer Based Educational Materials Production
(Under TELAgE project) (October 19-28, 2016) D Thammi Raju & S Senthil Vinayagam

November 2016

- (i) Competency Skills Enhancement for Extension Professionals (ICAR Sponsored)
(November 1-10, 2016)
P Venkatesan & Bharat S Sontakki
- (ii) Training Program on Bioinformatics Tools and Techniques in Agriculture (November 1-10, 2016)
M Balakrishnan & Dinesh Kumar (ICAR-IASRI)
- (iii) Training workshop on Innovation approaches to Technology Enhanced Learning (under TELAgE project)
(November 17-26, 2016) GRK Murthy & P Ramesh
- (iv) Refresher course on Agricultural Research Management (November 15-26, 2016)
Surya Rathore & Dastagiri M.B.
- (v) Competency Enhancement Program on Motivation and Positive Thinking for Technical Officers of ICAR
(November 30-December 9, 2016)
N Sivaramne & P Vijender Reddy

December 2016

- (i) Massive Open Online Course (MOOC) on Competency Enhancement for Effective Teaching
(November 18-15 December, 2016) D Thammi Raju & GRK Murthy
- (ii) ICAR Short Course on Recent Innovations in Educational Technology (December 6-15, 2016)
P. Ramesh & D Thammi Raju
- (iii) MDP for Newly Recruited Program Coordinators of Krishi Vigyan Kendras (December 16-30, 2016)
S Senthil Vinayagam & VKJ Rao
- (iv) MDP on Leadership Development (a pre-RMP Program (December 19-30, 2016)
RVS Rao & K Srinivas

January 2017

- (i) 105 FOCARS (January 5 – 4 April 2017) K Kareemulla & S Ravichandran
- (ii) Competency Enhancement Programme on Communication and Scientific Writing for Technical Officers of ICAR
(January 19 - 25, 2017)
Ravi Viswanathan & G. Aneeja

February 2017

- (i) 105 FOCARS (January 5 – 4 April 2017) K Kareemulla & S Ravichandran
- (ii) EDP on Leadership Development (February 14-18, 2017) R Kalpana Sastry & SK Soam
- (iii) Training Workshop on Strategies for Promoting Farmers Producer Organization (February 20-25, 2017)
P Venkatesan & Bharat S Sontakki
- (iv) Training Program on Analysis of Experimental Data (February 20 –25, 2017)
A Dhandapani & S Ravichandran

March 2017

- (i) 105 FOCARS (January 5 – 4 April 2017) K Kareemulla & S Ravichandran
- (ii) Competency Enhancement Program on Library Information Systems for Technical Officers of ICAR
(March 1-10, 2017)
PC Meena & KV Kumar

Facilities at NAARM

The Academy's green campus spread on a 50 ha area provides an ideal academic ambience. The training logistic facilities available on the campus include

- ❖ Air conditioned lecture halls of varying seating equipped with modern audio-visual aids; committee rooms; discussion rooms; conference halls and a state-of-the-art auditorium
- ❖ Computer laboratories for GIS, multimedia, e-learning, technology-enhanced learning
- ❖ Experiential learning laboratories for organizational behaviour
- ❖ Video instruction and production studio
- ❖ Centre for agri-innovation including incubation centre for agri-technology start-ups
- ❖ Well-equipped digital library with access to more than 3000 online journals, software for patent search, statistical tools, agri-databases and digital books
- ❖ Campus-wide Wi-Fi and wired broad band internet service
- ❖ Printing press and production facility
- ❖ Residential facilities to accommodate 300 participants and faculty.
- ❖ On-campus health centre
- ❖ Sports complex with facilities for indoor and outdoor games including a well-equipped gymnasium

Faculty Profile

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General Information

Eligible participant's may apply online using Training Management Information System (TMIS) link on NAARM website (www.naarm.org.in/training) or send the filled-in nomination form available from the website and send it to **OIC, Academic Cell**, ICAR-NAARM, Rajendranagar, Hyderabad – 500 030.

Course/Program/Workshop Fee includes boarding and lodging charges in the guesthouses/hostels on the campus of the Academy for non-ICAR participants. For ICAR participants, there is no course fee, but boarding and lodging charges have to be borne by the participants/sponsoring institutes. The course/Program fee may be sent in the form of a demand draft drawn in favour of '**ICAR Unit-NAARM Account**'. All the courses offered by the Academy are fully residential, and the participants are expected to stay in the fully-furnished hostel rooms of the Academy.

Hyderabad is well connected with all parts of the country by air, rail, and road. The Academy is located adjacent to the Professor Jayashankar Telangana State Agricultural University and National Institute of Rural Development (NIRD), Rajendranagar. It is at a distance of about 20 km from Hyderabad International Airport, Shamshabad, 25 km from Secunderabad Railway Station, 16 km from Hyderabad (Nampally) Railway station, 16 km from Kacheguda Railway Station, and 12 km from Imlibun/Mahatma Gandhi Bus Station. Participants are advised to make their return journey reservations at their own end, as it will be difficult to get air or rail reservation, after their arrival at Hyderabad.

Further details will be available in Program brochures which will be placed on our website 2-3 months before commencement of the Program. For Program specific queries if any, the interested participants may contact concerned **Programme Directors**.

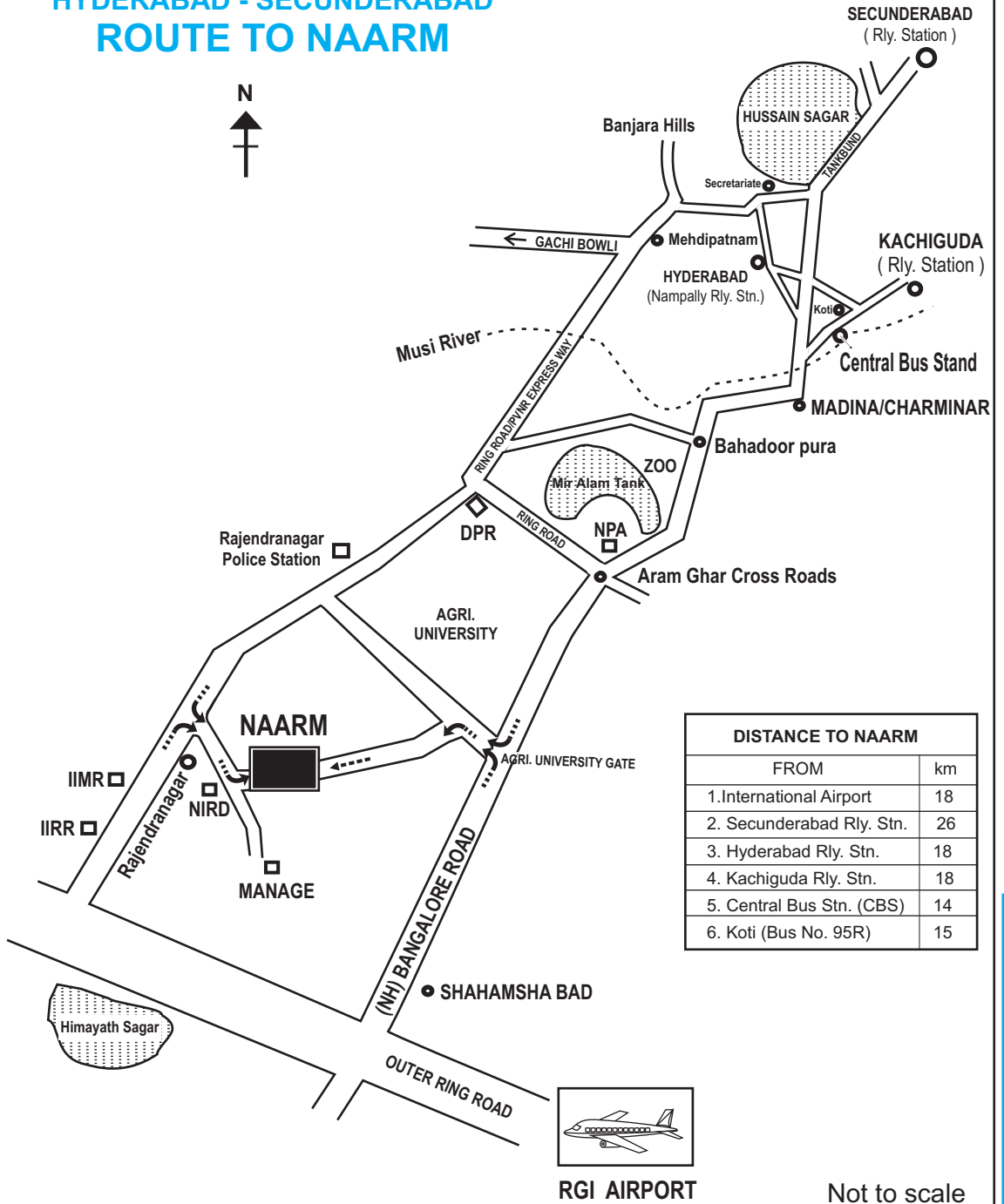
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HYDERABAD - SECUNDERABAD ROUTE TO NAARM



RGI AIRPORT

Not to scale