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Director's Message / निदेशक का संदेश

The Academy has leaped a major stride during the quarter. Several events were conducted during the period. The most important was the successful organization of scoping workshop on 'ICAR-NAARM as a Think Tank of ICAR-A Roadmap for the Transition'. The Academy has always provided needed support to NARES through capacity building of faculty and staffs of ICAR institutes and State Agricultural Universities as future agriculture demands more choices for farmers as well as consumers, despite of undesirable events like climate change, market fluctuations, changing consumer demand. Further with emergence of new technologies, other than yield enhancing, the NARES needs futuristic research and education system to support this transition. The Academy is preparing itself to provide policy support in this direction. The Academy also celebrated 44th Foundation Day during which contribution of scientists, technical and support staffs were recognized. We felicitated former faculty of the Academy and innovative farmers from various states during the Foundation Day. Shri. Narendra Singh Tomar, Hon'ble Minister for Agriculture, Farmers' Welfare and Rural Development, Government of India addressed the IFS probationers during their 4-days' training at the Academy. The Academy witnessed two mega events organized by PGDMA students namely, 'SANKALP '19- the annual B-fest', and 'Reunirse '19- PGDMA Alumni Meet'. The a-IDEA, incubator centre of the Academy launched its accelerator programme called 'Agri-Udaan 3.0' under which Road Shows were organized in different major cities of India to promote entrepreneurship and support Agri-startups. These all have been possible by selfless and endless contributions of Team- NAARM.



अकादमी ने तिमाही के दौरान एक बड़ी प्रगति की छलांग लगाई है। अवधि के दौरान कई आयोजन किए गए। सबसे महत्वपूर्ण था 'आईसीएआर-नार्म एस ए थिंक टैंक ऑफ आईसीएआर-ए रोडमैप फॉर द ट्रांजिशन' (ICAR-NAARM as a Think Tank of ICAR: A Roadmap for the Transition) के रूप में

स्कॉपिंग वर्कशॉप (Scoping Workshop) का सफल संगठन। अकादमी ने हमेशा ICAR संस्थानों और राज्य कृषि विश्वविद्यालयों के संकाय और कर्मचारियों को क्षमता निर्माण के माध्यम से आवश्यक सहायता प्रदान की है क्योंकि भविष्य की कृषि जलवायु परिवर्तन, बाजार में उतार-चढ़ाव, बदलते उपभोक्ता मांग जैसी अवांछनीय घटनाओं के बावजूद उपभोक्ताओं के लिए अधिक विकल्प मांगती है। पैदावार बढ़ाने के अलावा, नई तकनीकों के उद्भव के साथ, इस संक्रमण का समर्थन करने के लिए NARES को भविष्य में अनुसंधान और शिक्षा प्रणाली की आवश्यकता है। अकादमी इस दिशा में नीतिगत सहायता प्रदान करने के लिए स्वयं को तैयार कर रही है। अकादमी ने इस अवधि में अपना 44वां स्थापना दिवस मनाया, जिसके दौरान वैज्ञानिकों, तकनीकी और सहायक कर्मचारियों के योगदान को मान्यता दी गई। हमने स्थापना दिवस के दौरान अकादमी के पूर्व संकाय और विभिन्न राज्यों के अभिन्न किसानों को सम्मानित किया। श्री नरेंद्र सिंह तोमर, माननीय कृषि, किसान कल्याण और ग्रामीण विकास मंत्री, भारत सरकार ने अकादमी में 4 दिनों के प्रशिक्षण के दौरान IFS प्रोबेशनरों को संबोधित किया। अकादमी में पीजीडीएमए छात्रों द्वारा दो बड़े कार्यक्रम आयोजित किये गए, जैसे SANKALP '19 - वार्षिक बी-उत्सव', एवं 'Reunirse '19 - पीजीडीएमए पूर्व छात्र मीट। अकादमी के a-IDEA इनक्यूबेटर सेंटर ने 'एग्री-उदाान 3.0' नामक अपना त्वरक कार्यक्रम किया, जिसके तहत उद्यमिता को बढ़ावा देने और एग्री-स्टार्टअप का समर्थन करने के लिए भारत के विभिन्न प्रमुख शहरों में रोड शो आयोजित किए गए। ये सब टीम-नार्म के निस्वार्थ और अंतहीन योगदान से संभव हुआ है।

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(Ch. Srinivasa Rao)

44th Foundation Day of ICAR-NAARM



The 44th Foundation Day of ICAR-NAARM was celebrated on Sep 01, 2019. Dr. Trilochan Mohapatra, Secretary, DARE and Director General, ICAR, Ministry of Agriculture and Farmers' Welfare, Government of India was the Chief Guest. He delivered the foundation day lecture and felicitated 8 innovative farmers from different states and retired faculty of the Academy. Dr. Yadlapalli Venkateswara Rao, Padma Shri Awardee-2019, and Editor, Rythunestham (popular Agricultural Telugu Monthly Magazine) was the Guest of Honor. On this occasion DG, ICAR, released a publication titled "Inspire, Innovate and Change: Field Innovations of Farmer FIRST Project" and "Online Grievance Redressal System". Chief Guest Dr. T. Mohapatra presented awards to the winners of NAARM Awards for their outstanding contribution under different categories. Many dignitaries like the Former Directors of NAARM, serving and former Vice Chancellors of Agricultural Universities, Directors of ICAR institutes in Hyderabad and those from ICAR-CTRI and ICAR-IIOPR, Heads and representatives of other

important institutions in Hyderabad graced the celebrations.

In this momentous occasion of ICAR-NAARM foundation, nine innovative farmers were felicitated. The farmer awardees were Sh. Deepak Mali of Madhya Pradesh, Sh. Shyam Dutt of Haryana, Sh. Chandni Ram of Haryana, Sh. Hakam Singh of Punjab, Smt. Savita Vaibhav Nalkar of Maharashtra, Smt. Shweta Maurya of Uttar Pradesh, Sh. Chhabhu Lal Paikara of Chhattisgarh, Sh. A. Jambulingam of Tamil Nadu and Sh. S Hari Babu of Telangana were recommended by the Farmer FIRST implementing centres, ICAR-IISS- Bhopal, ICAR-IARI-New Delhi, ICAR-CSSRI-Karnal, PAU-Ludhiana, MPKV-Rahuri, ICAR-CISH-Lucknow, ICAR-NIBSM-Raipur, TANUVAS- Chennai and ICAR-NAARM-Hyderabad respectively, from different states in recognition of their meritorious contributions for the sustainable and innovative agricultural practices.



Best Performer Awards for 2018-19

Award	Recipient
ANNUAL AWARDS	
Best Faculty (PGDMA)	Dr. G. R. K. Murthy
Best Scientist	Dr. P. Krishnan
Best Admin. & Finance staff (officer)	P. G. Kohad
Best Admin. & Finance staff (non-officer)	G. Raj Reddy
Best technical staff (T-6 and above)	M. Shekhar Reddy
Best technical staff (T-1 to T-5)	D. Rajagopal Rao
Best SSS worker (female)	Nazia Parveen
Best SSS worker (male)	S.N. Rasool
Best CLTS worker (female)	K. Lakshmi
Best CLTS worker (male)	M.S.Ravi

Award	Recipient
AWARD FOR THE DECADE	
Award for the decade (Admin. & Finance)	M. Dinesh
Award for the decade (Technical)	B.S.N. Murthy
Award for the decade (SSS)	C. Chandramouli
Award for the decade (CLTS)	Md. Sadat

SPECIAL CATEGORY AWARDS

Special recognition for <i>Swachh Bharat Abhiyan</i>	J.N.L. Das
Special recognition for Infrastructure	Dr. L.M. Ahire
Special recognition for Energy Conservation	K. Obulapathi
Outstanding Award for Institutional Building	S. George

Scientific Meetings

Scoping Workshop on ICAR-NAARM as a Think Tank of ICAR - A Roadmap for the Transition

Indian agriculture is pivotal in meeting the national goals of Doubling Farmers' Income by 2022, making \$5 trillion Indian economy or meeting several Sustainable Development Goals (SDGs). Moreover, agriculture sector is becoming more complex, knowledge intensive, technologically challenging and globally integrated. To address such diverse challenges, the Council desires the Academy to maintain a futuristic vision and become a 'Think Tank' in the field of agriculture. Therefore, to delineate the roadmap for transitioning the Academy to credible Think Tank of ICAR, the Academy organized the Scoping Workshop on Aug 31, 2019.

The workshop was graced by Dr. Trilochan Mohapatra, Secretary, DARE and DG, ICAR. In his address, he complemented the Academy and suggested to deliberate on devising institutional framework and mechanism for transforming NAARM as Think Tank. He also nominated Dr. J.C. Katyal, former DDG (Education), ICAR to chair the panel discussion and advised to submit the recommendations to the Council. Dr. Katyal in his



remarks elaborated on innovation management as primary goal of the Think Tank. The experts invited for panel discussion included Dr. P.K. Joshi, Dr. D. Rama Rao and Dr. N.H. Rao- former Directors of NAARM, Dr. B. Venkateshwarlu, former Vice Chancellor, VNMKV Parbhani. Besides, several distinguished researchers as well as former Directors and Directors of several ICAR institutes, as wells as representatives from other organizations viz. MANAGE, NIRD, PJTSAU, ANGRAU and WALAMTARI participated in the deliberations.

Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM welcomed all the guests and briefed about the objectives of the workshop and informed the house about the efforts undertaken by the Academy in the recent past in this direction.

(Workshop coordinators: Drs. Ranjit Kumar and P. Krishnan)



Joint Advisory Committee (JAC) meeting of NAARM & UoH

The 23rd Joint Advisory Committee (JAC) meeting of NAARM & University of Hyderabad (UoH) for PGDTMA was organized on Sep 27, 2019. Experts included Prof. Hari Babu, Former Vice Chancellor, UoH and Prof. C Raghava Reddy, Dept. of Sociology. Different aspects for smooth conduct of the programme was discussed.



Consultative Workshops on Academia-Industry-Government Linkages

Three consultative workshops on Academia-Industry-Government Linkages were organized during Jul-Sep as a part of World Bank sponsored National Agricultural Higher Education Project-Component 2A. The aim of the workshops is to assist agricultural universities in strengthening their linkages with industry and structuring dialogue with state government to catalyse their participation in raising the quality and relevance of the agricultural higher education. First workshop was organized at the Academy during Aug 23-24, 2019. Around 40 experts from academia (Agricultural



universities), industry and government from the states of Telangana, Andhra Pradesh, Tamil Nadu and Puducherry participated in the workshop.

The second workshop was organized jointly with OUAT, Bhubaneswar at OUAT during Sep 20-21, 2019. There were total 52 participants in all from industry, state government and state universities from West Bengal, Chhattisgarh and Bhubaneswar. There were fruitful deliberations among the delegates regarding existing linkage among academia, govt. and industry as well as each other's expectations and expertise available which can be of use for other stakeholders.

The third workshop was organized jointly with MPKV, Rahuri at MPKV during Sep 23-24, 2019. There were 56 participants representing agri-universities, industry and government from the states of Maharashtra and Gujarat.

(Workshop Directors: At ICAR-NAARM: Drs. S. Senthil Vinayagam & Surya Rathore, At OUAT, Bhubaneswar: Dr. Sanjiv Kumar, At MPKV, Rahuri: Drs. VV Sumanth Kumar & Surya Rathore



Research Projects

Economic analysis of Eucalyptus and Subabul based Agroforestry Ecosystem in Telangana and Andhra Pradesh

A consultancy project on "Economic analysis of Eucalyptus and Subabul based agroforestry ecosystem in Telangana and Andhra Pradesh" sponsored by ITC India Ltd. was implemented at the Academy during the period Oct '18-Sep '19. The project was undertaken with the objective of understanding the economics of cultivation of tree crops, namely, Eucalyptus and Subabul and to elicit problems faced by tree crop growers in Telangana and Andhra Pradesh. The salient findings of the study are the cultivation of Eucalyptus and Subabul were profitable if only the out-of pocket expenses spent by the farmer is considered while if the opportunity cost, that is, lease value of the land, is considered, the cultivation of Eucalypts in Prakasam, Krishna and West Godavari and Subabul in Prakasam districts were not remunerable. The analysis of price of wood and alternate field crops also



revealed that since 2014-15, the terms of trade was unfavourable to the cultivation of tree crops in this region. The study also suggested strategies for the company to sustain the cultivation of tree crops and to eliminate risks to all the stakeholders involved.

Training Programme

Master Trainers' Programme for Soft Skills and Agri-Entrepreneurship

The Academy organized Training of Trainers (ToT) workshop for faculty members of State Agricultural Universities (SAUs) to develop Soft skills and Entrepreneurship among Agri-graduates during Sep 17-18, 2019. This ToT was organized with an attempt to create a pool of master trainers in SAUs who would in

turn train the Agri-graduates in their respective universities. The Workshop was organized as a part of the World Bank sponsored National Agricultural Higher Education Project- Component 2A. Thirty-four faculty members representing 23 SAUs belonging to 16 states namely Telangana, Andhra Pradesh, Karnataka,

Maharashtra, Bihar, Jharkhand, Odisha, Himachal Pradesh, Uttar Pradesh, Uttarakhand, Madhya Pradesh, West Bengal, Haryana, Punjab, Rajasthan and Assam participated in the workshop. Consequent upon the completion of master trainers' programme, each participant will organize one-day workshop on "Development of Soft skills for Entrepreneurship among Agri Graduates" at their respective universities covering at least 100 students. The master trainers have been entrusted with the responsibility of training around 3000 Agri-graduates as a follow up action plan of the workshop.

(Programme Directors: Drs. Surya Rathore, Alok Kumar & N S Rao)



Science Communication and Developing Winning Research Proposals (DWRP)

NAARM organized the training program on DWRP for the freshly recruited faculty members of Professor Jayashankar Telangana State Agricultural University (PJTSAU), Hyderabad and for Bihar Animal Sciences University (BASU), Patna. The training for PJTSAU was held at NAARM in three spells and last in the series was held during Jul 11-14, 2019. A total of 38 faculty members representing different colleges and research stations of the university participated, of which 22 were women. For the faculty members of BASU, the program, second in the series, was held during Aug 16-18, 2019 at Bihar Veterinary College, Patna. 25 Assistant Professors belonging to different disciplines attended the program, of which, 5 were women. The core content of the program included elements of research concept writing; preparation of project logframes. The participants were



sensitized on the elements of scientific communication and various metrics used for measuring science performance. They were provided hand-on exercises on various tools used for research review, plagiarism check, preparing illustrations, digital communication platforms, etc. The program provided a systematic overview of the elements of writing research papers, reports and poster presentation. Most exercises were through hands-on mode and participants were exposed to the research management software developed by NAARM viz., AHP Analyser, Research Concept Writer and Project Logframe Writer.

(Programme Directors: Drs. SK Soam, P. Krishnan and Ch. Srinivasa Rao)



PRA and Communication Strategies including Integrated Watershed Management for Indian Forest Service (IFS) Probationers

The Academy organized a tailor-made training program on "Participatory Rural Appraisal (PRA) and Communication Strategies including Integrated Watershed Management (IWM)" during Sep 26-29, 2019 at its premises for the IFS Probationers (2018-20 batch), from Indira Gandhi National Forest Academy (IGNFA), Dehradun. The participants included 60 IFS Probationers and two officers belonging to Royal Bhutan Forest Service. The training was organized as a part of Memorandum of



Understanding (MoU) signed between ICAR-NAARM and IGNFA. The probationers were introduced to various tools of PRA and were taken to a village to use them for understanding the issues, perspectives and aspirations of the villagers towards IWM interventions. As a part of the communication module, the participants simulated a panel discussion and played different roles during an environmental conflict situation, which was recorded and appraised by communication experts. The training

included a hands-on exercise on using analytical hierarchy process (AHP) analyzer, an online application developed by NAARM, for prioritization of administrative decisions. The probationers were introduced to the emerging issues in natural resource management with respect to climate change and were sensitized on current trends in IWM.

(Programme Directors: Drs. SK Soam, Bharat S. Sontakki & P. Krishnan)

MDP on Priority Setting, Monitoring & Evaluation (PME) for Agricultural Research Projects

The 7th Management Development Programme (MDP) on Priority setting, Monitoring and Evaluation (PME) of agricultural research projects for the PME in-charges of ICAR institutions was organized at the Academy during July 18-23, 2019. The Heads of PME Cell from 32 ICAR institutions, nominated by the Director General of ICAR, participated in the program. The MDP comprised of modules on concepts and principles of prioritization, monitoring, evaluation and impact assessment of agricultural research projects. The participants were given hands-on training on the various software tools developed by ICAR-NAARM for project management. They were sensitized on the various metrics and tools used for measuring individual and institutional research performance, global and national frameworks for



measuring research efficiency and ICAR guidelines pertaining to the various functions of PME Cell like managing research publications, consultancy services and contract research.

(Programme Directors: Drs. P. Krishnan & Alok Kumar)

Digital Teaching Techniques

A training programme on “Digital Teaching Techniques” for the faculty members of Professor Jayashankar Telangana State Agricultural University (PJTSAU) was held during July 16-20, 2019. The training programme was attended by 31 recently recruited faculty who belonged to



both crop, agriculture engineering and horticulture disciplines from PJTSAU. The participants were exposed to Digital Teaching Techniques which included Content Capturing in Digital Teaching, Digital Content Creation, Digital Content Editing and Course Management through Learning Management System (LMS). As a part of innovative effort to engage the participants even after completion of training programme, a cloud based e-learning platform designed, developed and made available at <http://pjtsaunaarm.com/> for the benefit of the participants. The platform was launched by Joint Director, NAARM and VC, PJTSAU together.

(Programme directors: Drs. VV Sumanth Kumar, GRK Murthy & S. Senthil Vinayagam)

Capability Building Programme for New Entrants Assimilation Training (NEAT) for Young Agribusiness Professionals

ICAR-NAARM and Coromandel International Limited (CIL) collaborative capability building program – New Entrants Assimilation Training (NEAT) was organized at the academy for 23 sales and marketing professionals of CIL during July 22-26, 2019. It was the first phase of 5 days.



The objective of the program is to provide the basic understanding of crop production and crop protection practices, and to upgrade the knowledge and skill in sales and marketing domain. The topics covered include Agriculture and Indian economy, Agronomy aspects of major field crops, Soil health based nutrient marketing, Basics in plant health management and plant protection

chemicals, Irrigation and fertigation management, Organic fertilizers, ICT and social media in sales, and Value added selling skills. The behavioral aspects such as personality development and emotional intelligence also covered during training programme.

(Programme Directors: Drs. K.H. Rao & Ranjit Kumar).

Senior Executive Development Programme on Developing Effective Organizational Leadership for Senior Officers of ICAR

Senior Executive Development Programme on Developing Effective Organizational Leadership for senior officers of ICAR was conducted by Administrative Staff College of India (ASCI), Hyderabad. This programme is being organized with the cost of ₹1.88 Crore

during 2019-20 with domestic component in India & international component in Netherlands, Germany, Belgium & Switzerland countries and with class room lectures for two batches with 23 persons in each batch. Domestic component of Batch-I was completed during Aug 01-02, 2019, and for Batch-II during Aug 09-11 2019. The International component for Batch-I with 23 participants (including two from NAHEP) has been completed during Sep 21-30, 2019. The training took place in The Netherlands, Belgium, Germany and Switzerland. The International component for Batch-II is planned during Oct 12-21 2019.

(Programme Director: Dr. S.K. Soam)



Recent Bioinformatics Tools for Genome and Proteome Analysis

A Training programme on “Recent Bioinformatics Tools for Genome and Proteome Analysis” was organized at the Academy during Sep 17-21, 2019. This training programme was conceived with an idea to provide an insight to the participants about the enormous potential and application of Bioinformatics and its tools management in the domain of agriculture. During the training, the participants were provided with theory and hands-on practical sessions on various software and tools on the different topics related to the emerging requirements of bioinformatics tools and software’s used in the agriculture and allied sectors. Besides Consultative Group on International Agricultural Research, the resource persons from the National and State Government Institutions participated in moderating the discussions. A total of 17 participants from various ICAR Institutes and



State Agricultural Universities who participated in the Training Programme were awarded certificates.

(Programme Director: Drs. M. Balakrishnan & N Srinivasa Rao)

National Workshop on Bioinformatics in Agriculture

In view of globally increasing importance of bioinformatics, a national workshop on Bioinformatics in Agriculture was organized the Academy during July 26-27, 2019. In addition to expert deliberations, the workshop also covered theory and hands-on practical sessions on various software and tools on various topics related to emerging requirements of bioinformatics tools in agriculture and allied sectors. The participants also did



brainstorming on four specific issues in bioinformatics viz. constraints and opportunities in bioinformatics research; IPRs in bioinformatics; bioinformatics in teaching and education; data sharing, access and protection in bioinformatics research. Each group brought out few recommendations to the above mentioned issues,

which along with other primary and secondary data would constitute basic input for writing a 'Policy Brief' on the subject. There were 22 participants from various ICAR institutes and SAUs.

(Programme Director: Drs. M. Balakrishnan & S.K. Soam)

Other Programmes

Off-Campus

- Training programme on "Advances in Educational Technology" at College of Veterinary Science, Khanapara, Guwahati in collaboration with Assam Agricultural University (NAARM Sponsored) during July 04-06, 2019. (Programme Director- Dr. D.Thammi Raju)
- MDP on "Administrative and Financial Management for Deputy Secretaries, Chief Admn. Officers, Chief Finance & Accounts Officers, SAOs, Under Secretaries & SFAOs" at NDRI, Karnal during Sep 24-27, 2019. (Programme Director- Sh. Muralidharan Cherat and Sh. Z.H. Khilji)

At ICAR-NAARM, Hyderabad

- Training Programme on "Analysis of Experimental Data" during Jul 22-Aug 27, 2019. (Programme Directors- Drs. S. Ravichandran & A. Dhandapani)
- Training Workshop on "Education Management and Academic Leadership" during Sep 20-25, 2019 (Programme Directors: Drs. D. Thammi Raju and S. Senthil Vinayagam)

Events

Shri. Narendra Singh Tomar, Hon'ble Minister for Agriculture, Farmers' Welfare and Rural Development, GoI visited ICAR-NAARM

Shri. Narendra Singh Tomar, Hon'ble Minister for Agriculture, Farmers Welfare and Rural Development, Union Government of India visited the Academy on Sep 26, 2019 and interacted with the IFS probationers. During the tailor-made training program on "Participatory Rural Appraisal (PRA) and Communication Strategies including Integrated



Watershed Management (IWM)" during 26-29 Sep 2019 for the IFS Probationers (2018-20 batch), from Indira Gandhi National Forest Academy (IGNFA), Dehradun.

He appealed to the probationers to be compassionate with the rural, tribal and farming communities while upholding the core principles of environmental governance and sustainable utilization of the resources.

Hon'ble Minister opined that agriculture and rural development have very close linkages with the environment, and complemented NAARM for designing this module for the IFS officers, which would have great significance in their field service. Shri. Dharmapuri Arvind, Hon'ble MP, Nizamabad, Telangana State also participated in the interaction meeting

Inauguration of Various Facilities by Dr. T. Mohapatra, Secretary, DARE & DG, ICAR



NAARM Gallery



Children Park



Renovated Committee Room

NAARM Services Complaint Redressal System

NAARM Services Complaint Redressal System was launched by Honorable Secretary (DARE) & DG (ICAR) Dr. Trilochan Mohapatra on Sep 01, 2019. It will help to provide an online complaint redressal and monitoring system to the Staff, Trainees and Students of the Academy. The Users can raise their complaint directly using URL <https://naarm.org.in/helpdesk>.

Meeting with Officials of NASI

A meeting with officials of NASI (The National Academy of Sciences, India) headed by its Executive Secretary, Dr. Niraj Kumar, was held on Aug 27, 2019 to discuss issues of budget component and logistics for hosting of 89th Annual Session of NASI at ICAR-NAARM, Hyderabad during Dec 21-22, 2019. The meeting was chaired Dr. Ch. Srinivasa Ra, Director, ICAR-NAARM and attended by Dr. S.K. Soam, Joint Director; Heads of Divisions, Dr. P. Krishnan, Principal Scientist & Head, PME Cell; In-charges of various services units, administration and finance wings of ICAR-NAARM participated in the

meeting. Later, NASI officials visited various facilities of the Academy.



Parthenium Awareness Week

In response to the appeal from Directorate of Weed Research, parthenium awareness week was observed in the campus during Aug 16-22, 2019. Parthenium removal drive was organized on Aug 17, 2019 in which the Director, faculty, staff, TSWs & Contractual workers participated and parthenium weeds were removed from the surroundings of guest houses.



Tree planting programme

Tree planting programme was organized on Aug 15, 2019 involving PG students. The theme of programme was 'one student one tree'. Director, Joint Director, faculty, staff participated in the programme apart from the students. About 85 tree saplings of six different species were planted in the area near NAARM Recreation Club.



Visit of Sh. Surya Pratap Shahi, Hon. Minister of Agriculture, Government of Uttar Pradesh

Hon. Minister of Agriculture, Government of Uttar Pradesh Sh. Surya Pratap Shahi visited ICAR-NAARM along with delegation members consisting Dr. S. Solomon, Vice Chancellor, Chandra Sekhar Azad of Agriculture and Technology, Kanpur along with senior officials of Govt. of UP on Aug 29, 2019. Sh. Shahi in his interactions presented the overall objective of the visit which is to come out with action plan for agriculture development in Uttar Pradesh



in terms of research, quality teaching, training of stakeholders for enhanced capacity. He appreciated the critical role of NAARM in country agriculture development in terms of human resource management and research policies and suggested that NAARM should support in developing training modules for senior agriculture officers/ managers and Farmer Producer

Organization of Uttar Pradesh. He also suggested to have national workshop inviting Agriculture Ministers of different states for developing collective road map for agriculture sector in India for achieving the Honorable Prime Ministers Mission of “Doubling the Farmers Income in India by 2022”.

Pension Adalat for Hyderabad based ICAR Pensioners

As per Govt of India instructions Pension Authorization unit, ICAR-NAARM organized Pension Adalat for Pensioners/Family Pensioners of ICAR institutions located at Hyderabad on Aug 23, 2019. Pensioners of various ICAR institutions located at Hyderabad participated in this Adalat. Dr. S. K. Soam Chairman, Pension Adalat distributed Health Cards for Pensioners.



Annual Agribusiness Festival- Sankalp '19



SANKALP '19, an annual agribusiness festival was organized during Sep 06-07, 2019 at the Academy. This is an annual business competition conducted by PGDMA students of the Academy. Over 3,250 students from 200+ campuses including B-schools, agricultural universities & premier engineering colleges had registered for different events. About 100 short-listed students presented their cases in six contests, viz. Samadhaan (Case Study), Adhishtatha (Best Manager), Samiksha (Contemporary Business Solution), Analytica (Data

Analytics), Advitiya (B-Plan) and Brand Maester (Branding). A Workshop on Decoding Agri-startup: Nurturing & Creating Entrepreneurs (DANCE 2.0) was conducted in association with a-IDEA in which 3 successful agri-startups shared their experiences. The winners of the events were selected by a panel of juries comprising of NAARM faculty and corporate professionals representing Coromandel International,

Samunnati Financials, Rasi Seeds, Rallis India, SeedWorks and Greenbliss Agro. Dr. Pradeep Kumar, VP (HR), Coromandel International and Mr. Nitin Chaudhary, Director, Samunnati Agro-Services graced the inaugural ceremony. The winners of different events organized were felicitated with cash prize by Mr. Ramesh Kumar Kaul, Head, International Business, Rasi Seeds and Mr. Ajay Juneja, Business Head, Vegetable Crops, Seedworks International. Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM in his valedictory address urged the students and participants to empathize with the farmers to work on their problems. The event acted as a platform for co-learning and an intellectual delight for the participants.

(Chairman, Organizing Committee: Dr. Ranjit Kumar)



Reunirse'19: Alumni Meet of NAARM-PGDMA

With full zeal and enthusiasm, Alumni Meet of PGDMA of ICAR-NAARM, Reunirse'19 was organized on Sep 14, 2019 at the Academy. About 75 Alumni working in different agribusiness industries came from different parts of the country to attend the Meet. These Alumni

shared their life journey and experiences working in different sectors. Addressing the Alumni, Dr. Ranjit Kumar, President of the NAARM PG Alumni Association (NPAA) informed the Alumni about changes and innovations introduced in the ongoing PGDMA

programme at the Academy. It was also emphasized that past 10 years of PGDMA journey had been very exciting and fruitful, however going forward, next 10 years will be crucial for PGDMA programme to position itself as different than other B-schools in India. To increase the deeper engagement between Alumni and in-campus students, new series of 'Alumni Talk' has been proposed. The General Body Meeting (GBM) held in the evening elected new Executive Committee and several decisions were taken to strengthen the brand of PGDMA. It was

decided to start six Alumni Chapters at Bangalore, Chennai, Delhi, Hyderabad and Pune. Besides, from next Alumni Meet, a special session by select Alumni, who completed 10 years post-PGDMA, will be organized. Cultural evening by the students added to the ecstatic environment followed by a gala dinner. With this hope that our connections with the alumni goes stronger with each passing year, Mr. Kariappa, Secretary, NPAA thanked all the Alumni and faculty members for the constant support and encouragement.



Celebrations of 150th Birth Anniversary of Mahatma Gandhi & "Swachhata Hi Seva"

The 150th Birth Anniversary of Mahatma Gandhi was celebrated in the Academy during Sep 26 – Oct 02, 2019 along with *Swachhata Hi Seva* from Sep 11 to Oct 02, 2019. As part of these celebrations, many competitions on various activities of *Swachhata* were held for school children or KRISHI High school, staff and PGDMA students of the Academy. *Swachhata Hi Seva* included *swachhata* pledge, cleaning of the surroundings, plastic waste collection and awareness on negative aspects of single use plastics was taken up. Solid farm wastes were collected and sent for composting purpose involving staff of the NAARM, PGDMA students and school children. A campaign was taken in the campus on single use plastic ban awareness.



1st Term Contact Programme for the Students of PGD-TMA 2019

The 1st Term Contact Programme for the students of PGD-TMA 2019 batch was conducted at the Academy during Sep 02-04, 19. About 16 students attended the program, with most of them working professionals from various organizations such as CSIR, CRIDA, IARI, NRCM, SHUATS, KVKs etc. Various topics on Intellectual Property Regime, PPVFRA, GI & Biodiversity Issues, Science & Innovation, Technology Management, Technology Forecasting etc. were taken by resource persons. Prof. S. Jeelani, Director, CVDL, UoH also interacted with the students.

(Programme Coordinator: Dr. Manju Gerard)



Farm & Campus Development Activities

As a part of farm and campus development activities, following activities were undertaken during Aug-Sep quarter:

De-silting of wells: The mud & silt deposited at the bottom of two open wells was cleaned. As a result, clean water is collected in the open wells.



New Plantations: As a part of campus beautification, road side



avenue plantations were taken along with irrigation line during the monsoon season. Re-grassing of IGH-1 lawn (Yoga lawn) was done. Planting of fruit plant species like guava, mango, custard apple, jamun,

papaya, fig, drumstick was done in the orchard block.

Swachhta activities: The entry point of lake was cleared by removal of boulders so that rain water can flow into the lake. The guest house surroundings, water storage tank and surroundings of residential quarters were cleaned on a regular basis. Cleaning of subabul weed plants was taken up from farm office to type V quarter.

Other Events



Independence Day Celebration



IMC Meeting



IJSC Meeting



Sankalp '19

a-IDEA (Agri-business Incubator at NAARM) News

Agri Udaan 3.0

a-IDEA, Technology Business Incubator of ICAR-NAARM has launched the 3rd edition of its Food and Agribusiness Accelerator program titled AGRI UDAAN@ 3.0 on Aug 31, 2019 at HICC Novotel, HITEC City, Hyderabad. The program focuses on catalyzing scale-up stage Food and Agribusiness startups through rigorous mentoring, industry networking and investor pitching. This event was graced by Dr. Trilochan Mohapatra, Secretary-DARE and DG-ICAR, Mr. Jayesh Ranjan (IAS), Pr. Secretary, Departments of Industries & Commerce & Information Technology, Electronics and Communications, Govt. of Telangana, Mr. HK Mittal, Former Advisor and Member Secretary, NSTEDB, DST, Mr. Hemant Songadkar, CGM, OFDD, NABARD, Mumbai and Dr. P Appa Rao, Vice-Chancellor, University of Hyderabad in presence of Dr. Ch Srinivasa Rao, Director ICAR-NAARM. This event was attended by



more than 250 people including key ecosystem players, academia, corporates, research organizations, investors, government functionaries and startup entrepreneurs. The message from the speakers after launching the programme was to bring more vibrancy in startup ecosystem.

Agri Udaan Roadshows

A series of roadshows were organized in Bengaluru, Pune, Patna, Lucknow, Gurugram, Bhopal and Guwahati. Providing a truly Pan-India presence, Agri Udaan seeks to bring out innovations from the country while also aiming to provide support to the startups across the country. The roadshow was organized to spread the word about Agri Udaan and its potential to scale up Agritech startups, further to encourage startups/entrepreneurs in food agri sector aspiring to scale up to apply for Agri Udaan. It is a one-day program that encompasses keynote speeches, Mentor Speak, Speeches from industry, Investors, government functionaries, partnering organization, and successful startup journey followed by QA session and Networking.



Outreach Programme for School Children (Application of Artificial Intelligence)

a-IDEA, Technology Business Incubator of NAARM in collaboration with SkillEdu Varsity, Hyderabad has provided mentorship and expertise in "Artificial Intelligence for Sustainable Organic Farming" to the students from different schools of Hyderabad at NAARM Campus on 23rd July 2019, who are representing India in World Artificial Intelligence Competitions for Youth 2019 (WAICY 2019) at Pittsburg, US.



Faculty Achievements

Honors, Awards and Recognitions

Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM bagged Dr. Rajendra Prasad Puraskar for the year 2019 for publishing Best Technical Book in Hindi in Agriculture and allied Sciences in the area of Natural Resource Management and Agricultural Engineering.



Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM is nominated by DG, ICAR as Member of the Advisory Committee of the Initiative for Climate Action Transparency Project on Adaptation (ICTA-A) of The Energy and Resources Institute (TERI), New Delhi.

Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM is nominated as Member, Regional Advisory Group (RAG) of NABARD for the year 2019-20.

Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM is nominated as Member of Board of Management, ANGRAU, Guntur as ICAR nominee.

Dr. S.K. Soam received Rythunestham Award- 2019 (Farmer Friend Award-2019) of Rythunestham Foundation presented by Hon'ble Vice President of India, Shri Venkaiah Naidu in presence of Dr. (Smt.) TAMILASAI Soundarajan, Hon'ble Governor, Telangana State on Sep 22, 2019 at Swarna Bharat Trust.



Dr. S.K. Soam served as session chair on AI & IoT in Agriculture at Broadband India Fourm (BIF) International conference on the "Positive Impact of AI & IoT on Job creation in India with Special focus on Agriculture and Healthcare in rural areas" at Taj Mansingh Hotel, New Delhi on Sep 03, 2019.

Dr. P. Krishnan is selected as an Expert Member in the working group formed by the National Institute for Disaster management (NIDM), New Delhi on Preparation of National Agriculture Disaster Management Plan for MoAGFW and attended the first meeting held at Centre for Excellence on Climate Change, NIDM on July 12, 2019.

Dr. MB Dastagiri was awarded with Certificate of Honor award for phenomenal and worthy keynote presentation on "International Trade Economic Analysis for Indian Agriculture during WTO Regime: Effects on Production, Exports, Imports and Poverty" at 4th International Conference on "Advances in Agriculture & Animal Sciences towards Global Food Security" organized by Endling Conferences, USA in association with Life Science Society of Hyderabad, August 28-30, 2019 at University of Hyderabad, India.

Dr. Surya Rathore completed Post Graduate Diploma in Business Management (PGDBM) with first division from University of Hyderabad.

Smt. K.K. Rukmani Ammal, Personal Assistant was selected for ICAR Award Scheme-2018 under Administrative Category during 91st ICAR Foundation Day.



Smt. V. Saroja, Skilled Supporting Staff was selected for ICAR Award Scheme-2018 under Skilled Supporting Staff Category during 91st ICAR Foundation Day.



Foreign Visit

Dr. K. Srinivas participated in Workshop on Innovations in Agribusiness for Young Entrepreneurs Sponsored by APAARI Bangkok and Conducted by APO, Japan, and CPC, Taiwan in Taiwan during Jul 1-5, 2019. Five days programme was attended by 27 participants from 12 countries.



Publications

Research Articles

Srinivasarao, Ch., Rao, K.V., Gopinath, K.A., Prasad, Y.G., Arunachalam, A., Ramana, D.B.V., Ravindra Chary, G., Gangaiah, B., Venkateswarlu, B. and Mohapatra T. (2019). Agriculture contingency plans for managing weather aberrations and extreme climatic events: Development, implementation and impacts in India. *Advances in Agronomy*, 159; <https://doi.org/10.1016/bs.agron.2019.08.002>.

Meena, M, Rathore, S and Bhimawat, B. S. (2019). Constraints perceived by Farmers in adoption of recommended Aonla (*Emblica officinalis*) production technologies: Evidences from Udaipur district of Rajasthan, India, *International Journal of Current Microbiology and Applied Sciences*, 8(07): 5-10.

Singh, Y.T., Das, RR., Deepak-Samuel, V., Krishnan, P., Ramachandran, R., Ramesh, R. (2019). Rapid Assessment of Coastal Biodiversity Post-2015 Chennai Flood, India. *Environment Asia*, 12(3): 91-103. DOI 10.14456/ea.2019.49.

Viswanathan, C., Goutham, S., Deepak-Samuel, V., Krishnan, P., Purvaja, R., Ramesh, R. (2019). A first record of two rare brachyuran crabs: *Drachiella morum* Alcock, 1896 and *Quadrella maculosa* Alcock, 1898 along the Tamil Nadu coast, India. *Journal of Threatened Taxa*, 11(10): 14358–14362.

Policy Brief

Srinivas K, Ranjit-Kumar, Manju Gerard and Ch Srinivasa Rao. (2019) *Fostering Entrepreneurship in Agriculture through Incubation Centres in National Agricultural Research & Education System (NARES)*. Policy brief No. 5, August 2019. ICAR-NAARM, Hyderabad.



Technical Reports

Manju Gerard & S.K. Soam (2019). Consultancy Project Report” Guidelines and Methodologies of IP Policies for Professor Jayashankar Telangana State Agriculture University (PJTSAU).

Sajag Ved, Vijay Nadiminti, K Srinivas, R. Kalpana Sastry, Manju Gerard, Arghyadip Datta, Nitin Puri, and Ch Srinivasa Rao (2019), Accelerators in Food and Agribusiness: Glimpse of Accelerators: Scaling Food & Agribusiness Startups.



Training Manuals

V V Sumanth Kumar, G R K Murthy and S. Senthil Vinayagam (2019). Digital Teaching Techniques, ICAR-NAARM, July 2019.

Conference Proceedings/ Book Chapters

Srinivasarao, Ch. (2019). Climate change related stresses and impacts in crop production – Adaptation and mitigation strategies for farm income stability. In: Souvenir. National Symposium on ‘Approaches and strategies for augmenting Tobacco farmers’ income’, July 19-20, 2019, organized by Indian Society of Tobacco Science, CTRI, Rajahmundry, pp 38-44.

M.B. Dastagiri, Ch. Srinivasa Rao, Sweta Mishra, L. Bhavigna “International Trade Economic Analysis for Indian Agriculture during WTO Regime: Effects on Production, Exports, Imports and Poverty” Compendium, 4th International Conference on “Advances in Agriculture & Animal Sciences towards Global Food Security”

organized by Endling Conferences, USA in association with Life Science Society of Hyderabad, August 28-30, 2019 at University of Hyderabad, India.

Nataraj, K.C., Malleswari Sadhineni, Gopinath, K.A. and Srinivasarao, Ch. (2019). Utilization of Locally Available Resources for Nutrient Management in Organic Farming. *In: Organic Farming. (Eds. K.A. Gopinath and A.V. Ramanjaneyulu), Daya Publishing House, Pp89-112.*

Devi Nightingale B., S.K. Mishra, M. Krishnan and Nilesh Pawar (2019) Assessment of appropriateness of indigenous technical knowledge (ITK) in fisheries, 191- 200 (*In*) Upadhyay, Roy and Pandey (*Eds.*) Fisheries and Aquaculture Economics, New Indian Publishing Agency, New Delhi.

Devi Nightingale B., M. Krishnan and Nilesh Pawar (2019) Strategic approaches for holistic development of ornamental fisheries sector in India, 123- 134 (*In*) Upadhyay, Roy and Pandey (*Eds.*) Fisheries and Aquaculture Economics, New Indian Publishing Agency, New Delhi.

Qureshi, N W, N. Sivaramane and M. Krishnan (2019) Impact assessment tools for evaluating fisheries research programmes, 33-45 (*In*) Upadhyay, Roy and Pandey (*Eds.*) Fisheries and Aquaculture Economics, New Indian Publishing Agency, New Delhi.

Books/ Edited Books

P Venkatesan, Bharat S Sontakki, N Sivaramane, V P Chahal, Ch Srinivasa Rao. 2019. "Inspire, Innovate and Change: Field Innovations of Farmer FIRST Project" 978-81-933781-6-8, NAARM Publication, 128p.

Workshop Proceedings

D Thammi Raju, N Srinivasa Rao, Alok Kumar, Surya Rathore, Sudeep Marwaha, Prabhat Kumar, S K Soam and Ch Srinivasa Rao (2019). Academic Excellence through Building Partnerships and Resources Generation, Proceedings and Recommendations of National Workshop, held during 30 April – 1 May, 2019 at ICAR-National Academy of Agricultural Research Management, Hyderabad. Pp 1-74 ISBN: 978-81-943090-0-0.

Popular article

Manju Gerard, Monika Gupta and K Srinivas. (2019). Patents: Innovation Boosters for Startups, Business of Agriculture, Volume V, Issue 3.

Video talk

Srinivasa Rao, Ch. (2019). Video talk on 'Nela Aarogyam – II - Soil Health and Soil Conservation', held at MANAGE, Hyderabad. <https://www.youtube.co/watch?v=yFbDN2IoEtl>.

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Title	Registration Number
Agro-biodiversity Knowledge Management Portal	SW-12734/2019 on 19 Aug 2019
AHP Analyser	SW-12766/2019 on 26 Aug 2019
Project Logframe Writer	SW-12751/2019 on 22 Aug 2019
Research Concept Writer	SW-12735/2019 on 19 Aug 2019

Faculty / Staff Participation in Scientific Events

Programme Name	Venue & Date	Scientist Name
Meeting of the Steering Committee for establishing the new ABIs	Krishi Bhawan, New Delhi Jul 10, 2019	Dr. Ch Srinivasa Rao
9 th Agriculture Leadership Conclave 2019	Hotel Taj Palace, New Delhi Jul 11, 2019	
3 rd Meeting of NASI Council (2019) to discuss about arrangements to be made at NAARM for 89 th Annual Session of NASI	NASI, Prayagraj, Allahabad Jul 31, 2019	

Programme Name	Venue & Date	Scientist Name
Inaugural Session of the ICAR sponsored Senior Executive Development Programme on Developing Effective Organizational Leadership for Senior Officers of ICAR (for Batch-I and Batch-II)	ASCI, Hyderabad Aug 2 & 9, 2019	Dr. Ch Srinivasa Rao
Brainstorming Session on Zero Budget Natural Farming, Myths and Reality at NAAS, New Delhi	NAAS, New Delhi Aug 21, 2019	
Meeting with DG, ICAR to discuss on issue of job description of RMPs post	Krishi Bhawan, New Delhi Aug 23, 2019	
39 th Meeting of Central Joint Staff Council (CJSC)	NASC Complex, Pusa, New Delhi, Sep 4, 2019	
Meeting of Sectional Committee on Natural Resources Management in the Academy's Secretariat, NASC, New Delhi	NASC, New Delhi Sep 11 & 12, 2019	
109 th Executive Council Meeting of NAAS at NASC Complex, Delhi	NASC, New Delhi Sep 13, 2019	
Participated as Chief Guest for the Inaugural Session of ICAR-Short Course on 'Recent advances in organic production systems involving oilseed for soil health and export'	ICAR-IIOR, Hyderabad September 16, 2019	
Consultative Group Meeting on Geographical Indications for six GI applications	IP office, Kolkata Jul 11, 2019	Dr. SK Soam
Meeting of ABI Screening Committee constituted by ICAR	KAB I, Pusa, New Delhi Jul 10, 2019	
Meeting for finalization of work plan under MoU between ICAR-ICFRE for research and capacity building collaboration	KAB II, Pusa, New Delhi Aug 20, 2019	
Expert consultation to deliberate on developing an action for mainstreaming biodiversity conservation in the development schemes of agricultural sector in India	National Biodiversity Authority, Chennai Jul 16, 2019	Dr. P Krishnan
Conference on PME for Agricultural Research Projects, and delivered an overview on "Research & Publications Management" through web conference	ICAR-DMAPR, Anand, Gujarat, Aug 03, 2019	
3rd Annual Agribiotech India Summit 2019	Hyderabad, July 25-26, 2019.	Dr. Manju Gerard

Invited as Key Speaker in Scientific Meetings

Faculty	Topic	Event	Venue	Date
Dr. Ch Srinivasa Rao	Developing appropriate eco-system for establishing rural enterprises.	NABARD Foundation Day Seminar on "Engaging Rural Youth Gainfully"	India Habitat Centre, New Delhi,	Jul 12, 2019
	Farmer Producer Organizations for Sustainable Technology Dissemination	3 rd Annual AGRIBIOTECH INDIA SUMMIT 2019	Hyderabad	Jul 25, 2019
	Climate resilient tobacco based production system in India: Adaptation and mitigation strategies for farm income stability'	National Symposium on Approaches and strategies for augmenting tobacco farmers' income'	CTRI, Rajahmundry	Jul 19-20, 2019

Faculty	Topic	Event	Venue	Date
Dr. Ch Srinivasa Rao	Integrated Farming: Key for Enhanced Farmers Income in India	4 th International Conference on Agriculture and Animal Husbandry	University of Hyderabad, Hyderabad	Aug 28, 2019
Dr. MB Dastagiri,	“International Trade Economic Analysis for Indian Agriculture during WTO Regime: Effects on Production, Exports, Imports and Poverty”	4 th International Conference on “Advances in Agriculture & Animal Sciences towards Global Food Security”	University of Hyderabad, India.	Aug 28-30, 2019
Dr. Ranjit Kumar	Adoption of Natural Farming and its Effect on Crop Yield and Farmers' Livelihood in India	Brainstorming Workshop on Zero Budget Natural Farming- Myth or Reality	NAAS, New Delhi	Aug 21, 2019
Manju Gerard (As panelist)	Bt cotton and end user industry	Current scenario and path forward for GM crops in India	University of Hyderabad	Aug 21, 2019

Training Attended by the Faculty/Staff

Dr. M Krishnan participated in the training program on Role of Technology in Community Level Disaster Mitigation for Scientists & Technologists” organised by Department of Science & Technology (DST), Government of India, Centre for Disaster Management, Lal Bahadur Shastri National Academy of Administration, Mussoorie during Aug 19-23, 2019.

Dr. RVS Rao attended Executive Development Programme on “Developing Effective Organizational Leadership for Senior Officers of ICAR” at Administrative Staff College of India, Hyderabad during Aug 9-11, 2019.

Dr. BS Yashavanth participated in the “NAHEP Project Monitoring and Tracking System” training workshop at IARI, New Delhi on Sep 20, 2019.

Staff News

Appointments/Joining

- Shri ZH Khilji joined the Academy as Chief Finance & Accounts Officer w.e.f 28.08.2019 (FN)

Promotions

- Dr. VV Sumanth Kumar, Scientist has been promoted under CAS to the grade of Sr. Scientist (RGP 8000) w.e.f. 14.10.2014 and Sr. Scientist (RGP 9000) w.e.f. 16.04.2017
- Shri ACP Rama Nageswara Rao, T-4 Senior Technical Assistant has been promoted to the grade of T-5 Technical Officer w.e.f. 01.01
- Shri BK Venkatram, T-3 Technical Assistant has been promoted to the grade of T-4 Senior Technical Assistant w.e.f. 29.06.2019
- Smt. KK Rukmani Ammal, PA has been promoted as Assistant Administrative Officer w.e.f. 05.09.2019

Transfers

- Shri W Sreenivasa Bhat, Administrative Officer was relieved w.e.f. 20.07.2019 (AN) on his promotion as Senior Administrative Officer and posting at ICAR-CIFT, Kochi

Retirement/Superannuation

- Smt. Jessie Ecclicia, Assistant retired Voluntarily w.e.f. 03.07.2019 (FN)
- Shri S. George, Chief Finance & Accounts Officer retired on superannuation w.e.f. 31.07.2019 (AN)
- Shri BSN Murthy, Technical Officer retired on superannuation w.e.f. 31.08.2019 (AN)
- Shri S Jangaiah, Skilled Support Staff retired on superannuation w.e.f. 30.09.2019 (AN)

Upcoming Events

Event	Date
Training Programme on Intellectual Property Valuation and Technology Management	Oct 15-19, 2019
Programme on 'Entrepreneurship Development for Students of SVVU-Batch	Oct 21-26, 2019
Impact Assessment of Agricultural Research and Technologies	Oct 30-11, 2019
Training workshop for Vigilance Officers of ICAR Institutes	Oct 31- Nov 01, 2019
8 th Foundation Course for Faculty of Agricultural Universities (FOCFAU)	Nov 01-30, 2019
Innovative practices in extension research and evaluation	Nov 05-08, 2019
Short Course on Innovations in Education Technology	Nov 13-22, 2019
MDP for Newly Recruited Programme Coordinators of Krishi Vigyan Kendras	Nov 14-28, 2019
Training Programme on Developing Winning Research proposals	Nov 19-23, 2019
Training Programme on Multivariate Analysis Using R	Nov 22-27, 2019
Training Programme on Administrative and Finance Management for Section Officers/AAO/AFAOs & JAOs/Assistants of ICAR Headquarters /Institutes (Off-campus at NIANP, Bengaluru)	Nov 25-29, 2019
Value Chain Management of Agricultural Commodities	Nov 26-30, 2019
MDP on Leadership Development (a pre-RMP programme)	Dec 02-13, 2019
Training Programme on Motivation, Positive Thinking and Communication Skills for Technical Staff (T-1 to T- 4) of ICAR (Off-campus at ICAR-NIANP, Bengaluru)	Dec 05-11, 2019
Survey Data Analysis using R	Dec 10-14, 2019
Executive Development Program on Leadership Development	Dec 10-14, 2019
Executive Development Program on Leadership Development	Dec 17- 21, 2019
89 th Annual Session of NASI	Dec 21-23, 2019

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