



NEWSLETTER

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Director's Message / निदेशक का संदेश

I am very pleased to share to the readers that the Academy is performing all its functions despite of obstacles created by COVID 19 pandemic. The digital platform has helped in organizing not only the training and educational programmes but seminars and workshops as well. We could organize 14 training programmes (all online), during the quarter. The flagship 111th FOCARS with 37 probationers was successfully completed. All precautionary measures were taken during the stay of the probationers, not even a single COVID case was reported. All the probationers joined their respective institutes. Additionally, the 23rd Annual Conference of Society of Statistics, Computers and Applications (SSCA); as well as a national consultation on Sustainability of Buffalo Sector in India were also organized. The students of the 11th batch of PGDM-ABM have successfully completed their programme and left the campus for joining their organization as all have been placed successfully through campus placement. I hope we will continue to work together with the same zeal to set a benchmark for other institutes.



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मुझे पाठकों से यह साझा करने में बहुत खुशी हो रही है कि अकादमी COVID 19 महामारी की बाधाओं के बावजूद अपने कार्यों का सफलतापूर्ण प्रदर्शन कर रहा है। डिजिटल प्लेटफॉर्म ने न केवल प्रशिक्षण और शैक्षिक कार्यक्रमों बल्कि सेमिनारों और कार्यशालाओं के आयोजन में भी मदद की है। हम इस तिमाही के दौरान 14 प्रशिक्षण कार्यक्रमों, सभी ऑनलाइन, आयोजित करने में सक्षम हो सके हैं। 111 FOCARS का आयोजन शारीरिक रूप से 37 परिवीक्षार्थियों के साथ सफलतापूर्वक किया गया था। चूंकि प्रशिक्षुओं के प्रवास के दौरान सभी एहतियाती उपाय किए गए थे, इसलिए एक भी COVID मामले नहीं आए और सभी प्रशिक्षु प्रशिक्षण पूरी करके अपने अपने संस्थानों में शामिल हो गए। इसके अतिरिक्त, सोसायटी ऑफ स्टैटिस्टिक्स, कंप्यूटर एंड एप्लीकेशंस (एसएससीए) के 23^{वें} वार्षिक सम्मेलन के साथ-साथ भारत में भैंस क्षेत्र की स्थिरता पर राष्ट्रीय परामर्श का भी आयोजन किया गया। पीजीडीएम-एबीएम के 11 बैच ने सफलतापूर्वक अपना कार्यक्रम पूरा कर लिया है और अपने नौकरियों में शामिल होने के लिए चले गए क्योंकि सभी को कैम्पस प्लेसमेंट के माध्यम से सफलतापूर्वक नौकरियाँ मिल गईं। मुझे आशा है कि हम अन्य संस्थानों के लिए एक बेंचमार्क स्थापित करने के लिए इसी उत्साह के साथ मिलकर काम करना जारी रखेंगे।

सीएच श्रीनिवास राव

(सीएच श्रीनिवास राव)

Scientific Meetings

National Consultations on “Sustainability of Buffalo Meat Sector in India”

A National workshop and consultations on “Scientific Interventions and Policies for Strengthening of Buffalo Meat Sector: Catalyst for Boosting India's Agro-Economy” was held at the Academy on 19 January, 2021. This event was jointly organized by ICAR-NRC on Meat, ICAR-NAARM, NAAS-Hyderabad Chapter and Indian Meat Science Association. Dr. Ch. Srinivasa Rao, Director NAARM chaired the inaugural session. Dr. Inderjeet Singh, Vice-Chancellor, GADVASU, Ludhiana acted as Chief-guest while Dr. Laxma Reddy, Director, Animal Husbandry & Fisheries, Govt. Telangana acted as Guest of honour. Dr. S.B. Barbuddhe, Director NRC on Meat convened the workshop.



During the inaugural session, all the experts highlighted the potential of Indian buffalo meat sector, contribution of buffaloes through milk and meat towards nutritional security, value addition and diversification of food, livelihood opportunities for farmers, scope for salvaging of male buffalo calves, issues related productivity, sustainability and requirements for augmenting farmers' income while doubling buffalo meat exports and contribution to *Atmanirbhar* Bharat. He has also released a policy document on “Policy issues and stakeholder



requirements in Indian meat sector” jointly developed by ICAR-NRCM and ICAR-NAARM.

Different presentations on various aspects of unlocking the potential of buffalo meat sector in India, buffalo sector value chain analysis, sustainability of buffalo production and export meat sector requirements and doubling of farmer's income were delivered by experts. As a part of the workshop, a separate panel discussion involving more than 30 experts from Research Institutes, Universities, APEDA, Animal Husbandry Departments, and Export meat plants was also organized. Various Technological, Institutional, Regulatory and Policy requirements viz, uniform slaughter policies, removal of restrictions on male buffalo calf slaughter, value addition to buffalo meat, issues related to animal marketing, transportation, slaughter infrastructure, food safety requirements to ensure nutritional security and public health and contribution towards meeting UN-Sustainable Development Goals were discussed. Dr. BM. Naveena, Pr. Scientist NRC on Meat and Dr. P. Krishnan, Pr. Scientist, NAARM acted as organizing secretaries for the program.

Visionary Innovations in Statistical Theory and Applications (VISTA-2021)

Visionary Innovations in Statistical Theory and Applications – 2021 (VISTA 2021) in conjunction with 23rd Annual Conference of Society of Statistics, Computers and Applications (SSCA) an online event, was organized by the Academy during 24-28, February 2021. The Conference was inaugurated by Dr. (Mrs.) Pankaj Mittal, Secretary General, Association of Indian Universities. The inaugural programme was chaired by Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM and the Guests of Honor included Prof. V.K. Gupta, former National Professor, ICAR and President of the SSCA and Dr. R.C. Agrawal, DDG (Education). Dr. Mittal during her inaugural



address, asked for revamping statistical sciences courses to align with the new Educational Policy by incorporating experiential learning and association with industries. She stressed that the teachers should encourage students to find different solutions to the same problems by themselves. Dr. Ramana V Davuluri, Professor of Statistics, Brooks University, New York, Prof. B.L.S. Prakasa Rao, INSA Senior Scientist, Prof. C.R. Rao Advanced Institute of Mathematics, Statistics and Computer Science, Hyderabad delivered keynote address and Prof. M.N. Das Memorial Lecture, respectively.

The entire conference was held in virtual mode and this allowed several speakers to join from different parts of the globe. To ease the participations in concurrent sessions, the break-out room feature of online platform was used so that everyone can join in a single meeting and join the concurrent sessions of their interest or move from one session to another without leaving the meeting. During the conference, there were 50 invited Talks, 7 plenary talks, 9 talks in Prof. Alope Dey Memorial Session and 5 talks in Financial Statistics and 32 contributed papers by

eminent speakers from statistical sciences. The conference covered wide range of topics in inferential statistics, official statistics, financial statistics, Big Data and Computational Statistics, Bioinformatics, applications of statistics in different domains. There were 170 registered delegates and more than 30 special invitees participated in the conference.

During the valedictory session on 28th Feb 2021, a special resolution was passed by the society appreciating the efforts made by ICAR-NAARM. While addressing the valedictory session, Dr. Ch. Srinivasa Rao has emphasized the importance of involvement of statisticians in helping biological scientists to solve emerging problems. Dr. Rao has also stressed the importance of training agricultural scientists to handle large volume of data in the fields of climate change research, bioinformatics etc. Dr. Ch. Srinivasa Rao, Director was the Chairman of organizing committee and Dr. Soam was the convener. Dr. A. Dhandapani and Dr. S Ravichandran were the Organizing Secretaries of the conference.

Meeting of NAAS Regional Chapter, Hyderabad

A meeting of Fellows and Associates of NAAS based in Hyderabad was held on 16 January 2021 to felicitate the newly elected Fellows, welcome the new members of the Regional Chapter, to discuss emerging issues related to Agricultural Research, review the ongoing activities and to plan future activities of Regional Chapter of NAAS, Hyderabad. The meeting was attended by a total of 30 Fellows and Associates of NAAS serving in the States of Telangana and Andhra Pradesh. Dr. T. Mohaptra, President, NAAS and Dr. AK Singh, Vice-President, NAAS graced the occasion. Dr. Ch. Srinivasa Rao, Convenor, Hyderabad Regional Chapter of NAAS and Director, ICAR-NAARM welcomed the participants and outlined the achievements and highlighted various activities undertaken by the Regional Chapter during the year 2020. On this occasion, a publication on the Inventory of NAAS Hyderabad Chapter was released by Dr. T. Mohapatra, President, NAAS. This was followed by a discussion among the Fellows and Associates belonging to the Regional Chapter on the ongoing and future activities of Regional Chapter. Dr. T. Mohapatra in his address congratulated the newly inducted Fellows and welcomed the new members of the Regional Chapter. He also congratulated the Hyderabad Regional Chapter led by Dr. Ch. Srinivasa Rao for the active role it is playing in

the Andhra Pradesh and Telangana states and serving as model for the other Regional Chapter across the country. The meeting ended with the formal vote of thanks by Dr. Raman Meenakshi Sundaram, Treasurer, Hyderabad Regional Chapter of NAAS.

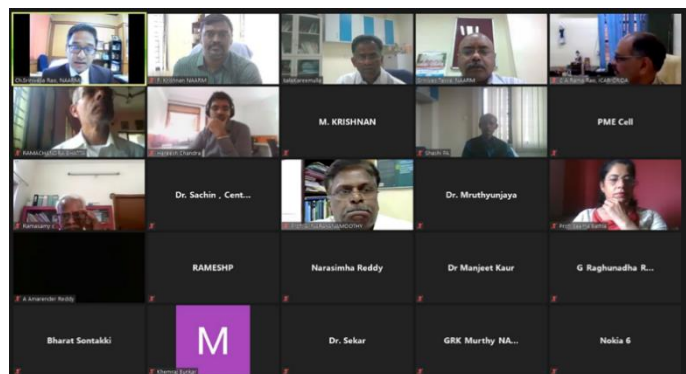
(Coordinator: Dr. P. Krishnan)



Policy Perspectives on Farm Subsidies in India: Issues and Way Forward

The Academy organized one-day brainstorming session on “Policy Perspectives on Farm Subsidies in India Vis a Vis Other Countries: Issues and Way Forward” in virtual mode on 11 March, 2021 considering the frequent objections from other developed countries in the Dispute Settlement Committee in the World Trade Organization (WTO) on various support measures extended by the Government of India.

The Brainstorming session was envisaged to draw the attention on various issues pertaining to farm subsidies in India in comparison to other countries by sharing the thoughts of eminent speakers in this field viz., Dr C Ramasamy, Former Vice Chancellor, TNAU; Dr D Narasimha Reddy, Former Professor in Economics and Dean, School of Social Sciences, University of Hyderabad; Dr. A Narayanamoorthy, Sr. Professor, Alagappa University & Former Member, Commission on Agriculture Costs and Prices; Dr. Seema Bathla, Professor, Centre for the Study of Regional Development, School of Social Sciences, Jawaharlal Nehru University (JNU); and Dr. SK Sharma, Associate Professor, Centre for WTO Studies, Indian Institute of Foreign Trade (IIFT). Dr Ch. Srinivasa Rao, Director, ICAR-NAARM during his



introductory remarks mentioned that this brainstorming session is the first in series of such sessions planned to be organized while playing the role of ICAR Think Tank. A total of 76 stakeholders including 29 Agricultural Economists from ICAR Institutes, State Agricultural Universities; CGIAR institutions and NGOs participated in the event. After the talks, there was group discussion on three topics of importance and a Q&A session. The deliberations have given the options for way forward and the policy perspectives on the issue.

(Coordinators: Drs. Srinivas Tavva, K. Kareemulla & Ch. Srinivasa Rao)

Zonal Technology Management Committee meeting

The 1st meeting of the Zonal Technology Management Committee (ZTMC) representing the all the ITMUs of the Education Division was held on 28 January, 2021 through online mode. The meeting saw deliberations and discussion on the roles of ITMUs, apprehensions related to IP filing and commercialization of technologies. Dr. Ch. Srinivasa Rao, Director ICAR-NAARM and the Chairman ZTMC impressed upon the members for aggressively pursuing IP filings with special emphasis on copyrights.

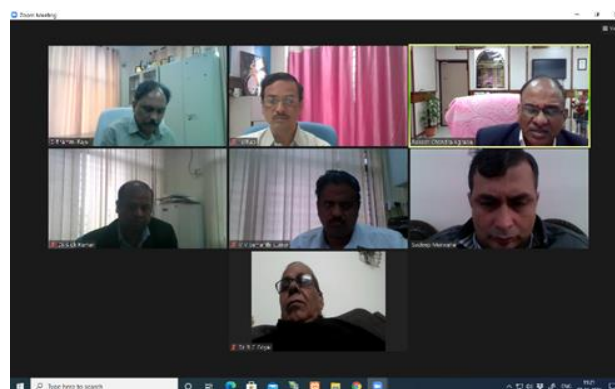
Dr. SK Soam and Dr. K Srinivasa both stressed on the need for all education division ITMUs to work collectively to harness the strength of the all the institutes. ITMU in charges from IASRI, New Delhi (Dr. Ajit), CIWA, Bhubaneswar (Dr. Lipi Das) and NIAP, New Delhi (Dr. Ankita Kandpal) participated in the deliberations.

(Coordinator: Dr. Umesh Hudedamani)

Project Meetings

NAHEP Project Review Meeting

The Project Review Meeting of NAHEP, Component 2 with National Director NAHEP, National Coordinator, PI & Co-PI of NAHEP Component 2 was held on 7 January, 2021 under the chairmanship of Dr. RC Agrawal National Director, NAHEP and DDG (Agril. Edu). Dr D Thammi Raju, Co-PI of NAHEP Component 2 welcomed all the participants and briefed about the objective-wise progress of activities during this financial year. He explained about quarter-wise activities and current quarter/upcoming activities to be conducted. The activities done by CDCs and FDC from all 5 Agricultural Universities and FDC of GBPUAT, Pant Nagar was also explained by him.



Time Series Data Analysis

An online training programme on “Time Series Data Analysis” was conducted by the Academy during 4-9 January 2021. A total of 83 participants including 16 female participants from ICAR institutes, SAUs and other Central/State Govt. Institutes participated in the training programme. The training programme comprised of both theoretical as well as practical aspects of time series data analysis. The topics covered in the training programme included exponential smoothing techniques, ARIMA models, Non-linear models, structural time series models, multivariate models, cointegration analysis and Machine Learning Techniques. The hands-on practice sessions were conducted by using real-life data in R programming language. During the valedictory address, Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM highlighted the



importance of time series analysis in studying and forecasting prices of agricultural commodities. He opined that the pest and disease modelling using weather parameters needs to be given more importance so that appropriate agro-advisories are given to the farmers.

(Programme Directors: Drs. Ravichandran, N Sivaramane & BS Yashavanth)

Teaching Competency Enhancement of Middle & Senior Faculty of AAU

An off-campus training programme on “Teaching Competency Enhancement of Middle & Senior Faculty of AAU” was conducted by the Academy during 19-23 January, 2021. The programme was organized at College of Veterinary Science, Khanapara, Guwahati under Sub-plan. Thirty-two participants attended the programme which included 5 women and belonging to 22 disciplines. The program encompassed all aspects that a middle and senior level faculty in an educational environment is expected to be equipped with.

During the programme, a vast range of topics were covered starting from the modern methods of teaching/learning to the oral communications, Importance

of AI and IOT applications in Agriculture, Bioinformatics and its Applications e-learning practices, Emotional Intelligence, Overview of Teaching Management and Innovative Teaching Methods for Quality Veterinary Education, that can be adopted in the system having immediate relevance to their job. The participants were engaged mostly through discussions, demonstrations, personality development analyses. Design Thinking in Research Project Formulation and Implementation, Building Right Perspectives in Science Communication and Counselling and Mentoring of Students. Resource Generation through Research, Software in open source and freeware environment like whiteboard, and Cloud-Based Digital Teaching were demonstrated with appropriate examples.

In his valedictory address, Dr. KM Bujarbaruah, Ex Vice-Chancellor, AAU, outlined the critical role of advanced teaching and technology, Teaching Management and Innovative Teaching Methods for Quality of education in agricultural research and education that can be adopted in the system having immediate relevance to the education and research. Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM urged the participants for undertaking the collaborative research to improve agricultural productivity and Education.

(Programme Director: Dr. M. Balakrishnan)



Collaborative Capability Building Programmes for Sales and Marketing Managers of Coromandel International Limited (CIL)

Two programmes were organized under this collaborative initiative between ICAR-NAARM and Coromandel International Ltd during this period. In these programmes, sessions were taken by NAARM faculty, business experts and senior officials from Coromandel International. The first program on Marketing Officers' Resurgence & Excellence (MORE) was organized during 8-12 February 2021 for 32 participants. The programme included topics on advances in agriculture technologies, soil health and nutrition management, climate change and balanced nutrition landscape, Farmer Producers Organizations (FPOs), data analytics & forecasting. Agribusiness Management Skill development sessions included Business Model Canvas, marketing plan and brand management & promotion strategies. It also imparted soft skills on Relationship Management, Negotiation and Conflict Management to bring attitudinal & behavioral changes to enhance business management skills.

Second programme was on New Entrants Assimilation Training (NEAT) organized during 15-19 February 2021 for 25 participants. The objective of the program was to expose the newly joined professionals with current trends

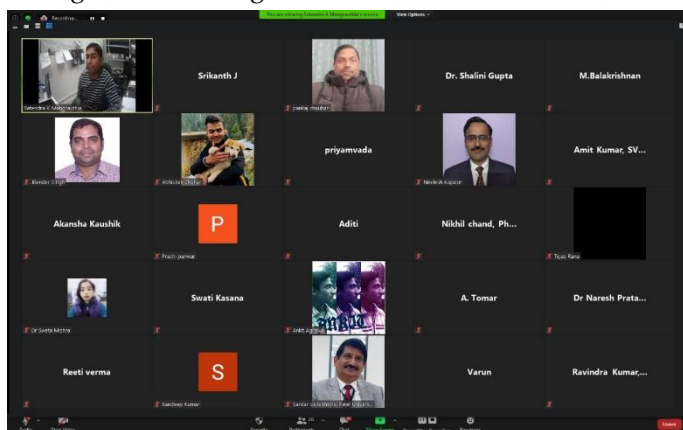


in agriculture, soil health and nutrition management, irrigation and fertigation management, overview of Coromandel product portfolio, ICT and social media in sales, value-added selling skills, etc. The behavioral aspects such as personality development and emotional intelligence were also covered to bring about attitudinal and behavioral changes to enhance efficiency and effectiveness in the profession.

(Programme Directors: Drs K.H.Rao, Ranjit Kumar and P.C. Meena)

Advanced Bioinformatics Tools and its Applications in Agriculture

An online training programme on “Advanced Bioinformatics tools and its Applications in Agriculture” for the Faculty of College of Biotechnology (CoB), SVPAUT, Meerut-UP was organized by the Academy during 22-24 February, 2021. Bioinformatics is an innovative developing field that helps in collecting, linking, and manipulating different types of biological information to discover new biological insights. This specific genetic knowledge could then be used to produce stronger, more drought resistant, disease resistant, insect

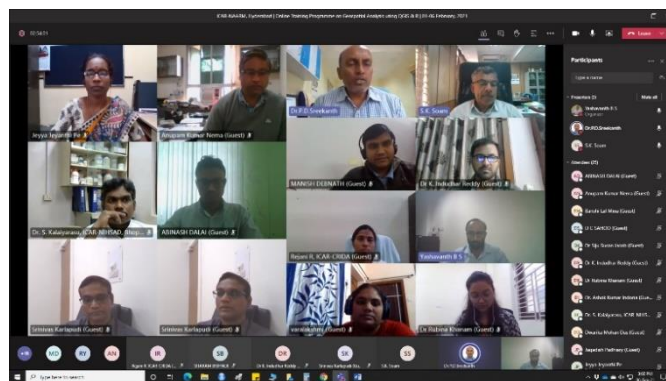


resistant and more productive crops. The participants were provided the insight about the enormous potential and application of advanced Bioinformatics Tools in the domain of agriculture during the programme. They were also provided with the theory and hands-on-practical sessions on various Bioinformatics softwares and tools on the different topics related to the emerging requirements of Bioinformatics Tools in the agriculture and allied sectors. In his Inaugural address, Dr R. K. Mittal, Vice Chancellor, SVPUAT, Meerut outlined the critical role of Bioinformatics and related the applications in Agriculture, NGS, biological data analysis, AI and big data applications. Highlighting the importance of Bioinformatics to undertake the frontier research like genome editing, CRISPAR-CAS, etc., Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM urged the participants for undertaking the collaborative research to improve agricultural productivity. About 14 Professors, including 4 women, participated in the programme.

(Programme Directors: Dr. M. Balakrishnan)

Geospatial Analysis using QGIS & R

A training programme on “Geospatial Analysis using QGIS & R” was conducted by the Academy during 1-6 February, 2021. Total 32 participants attended this training programme from different ICAR and Non-ICAR institutes including 8 female participants. The training class schedule and topics covered mainly on geospatial technologies in agriculture, GIS, GPS and remote sensing, exploring data from open source platforms, spatial database design and implementation using quantum GIS open source software, spatial analysis like clipping, joining, buffering, interpolation, krigging etc., image processing and land use land cover using QGIS and R studio. During the valedictory function, Dr. SK Soam, JD (I/C), ICAR-NAARM suggested the participants to continue to work hard for improving the productivity of NARES system. He also opined that this programme should be conducted both in online and in-person mode so that it is beneficial to a larger audience. It was also emphasized that the Academy would be continuing to



conduct such capacity building programmes in the future with concerted efforts towards open-source softwares. The softcopies of resource materials, datasets & R codes and session videos were shared with the participants through shared one-drive folder.

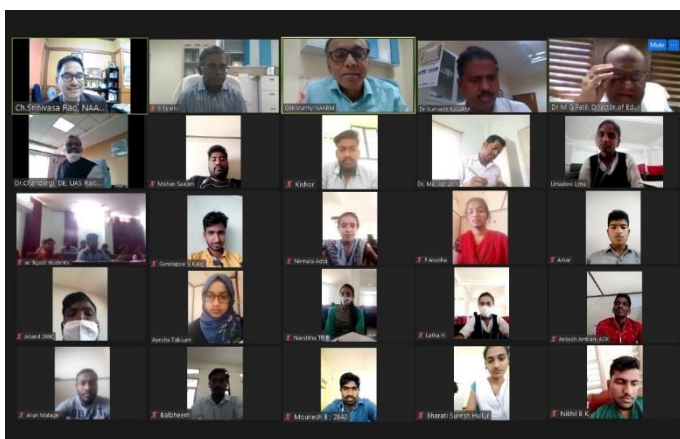
(Programme Directors: Drs. PD Sreekanth & BS Yashavanth)

E-Resources, E-Learning and IoT for Students of UAS, Raichur

An online training programme on “ E-Resources, E-Learning and IoT” was conducted during 15-19 February for the students of UAS Raichur. The inaugural programme was graced by Dr. M. G. Patil, Director of Education, UAS, Raichur. The program touched various contemporary aspects of Education, technologies and

digital resources that every students needs to be updated about. There were 14 sessions of 75 minute duration which were spread over five days. In-house faculty and one Guest faculty covered all the sessions. Everyday an assignment was given to seek the reflections of the participants about the session/topic through handwritten form. Pre and Post knowledge test was done before and after the training respectively. The program ended with valedictory session on 19 February 2021, which was graced by Dr M G Patil, Director of Education, UASR who wished to have more such training programs in collaboration with ICAR-NAARM. Dr. SK Soam, JD(I/C), ICAR-NAARM in his valedictory address called on the participants to adopt the new learnings from the programme and apply the learning for their carrier opportunities.

(Programme Directors: Dr. Senthil vinayagam)

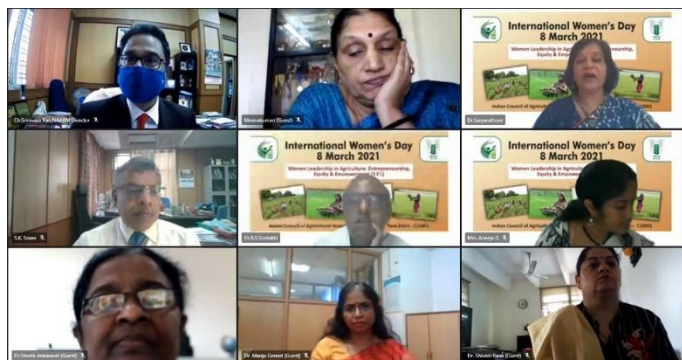


Online Training Programme on Leadership Development for Women Scientists in NARES

A 3-day online training programme on “Leadership Development for Women Scientists in NARES” (Online) was organized during 8–10 March, 2021 on the occasion of International women’s day 2021. In his inaugural address, Chief Guest Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM emphasized the United Nations theme of International women’s Day – 2021 “Women in Leadership: Achieving an Equal future in a Covid – 19”.

In this context, Dr. Pratibha Jolly, Former Principal, Miranda House, made a very good deliberation on her journey as a scientist and later as Principal. She threw light on fostering the next generation women science leaders. On this occasion, a booklet entitled “Women led Agri-start-ups: Courage to Innovate for Change” was also released. A panel discussion was organised on women and governance in which Dr. Neelam Grewal (VC, Guru

Kashi University, Bhatinda), Dr. Meena Kumari Former DDG (Fisheries) ICAR and Dr. Kalpana Sastry, MD, Aghub, PJTSAU, Hyderabad narrated their stories being



in governance to set examples for the participants to follow. This programme was organised with the objectives to increase the participation of women in agricultural research and educational leadership for better gender balance; for qualitative development of research and higher education by utilizing the untapped potential of women as leaders and to develop confidence and facilitate networking among participants for better collaborations and governance. The programme was attended by 75 (70 women and 05 men) participants representing around 25 SAUs, 18 ICAR, 04 Krishi Vigyan Kendras and 05 other universities.

(Programme Director: Dr. Surya Rathore)

Data Visualization in Agribusiness and Agricultural Research

An online training programme on “Data Visualization in Agribusiness and Agricultural Research” was organized by the Academy during 22-27 February, 2021. There were 30 participants including 9 female participants from various ICAR institutes and State Agricultural Universities. The programme covered various visualization tools and techniques which can be used for presenting data in various publications as well as presentations. It was a hands-on training in which participants were exposed to two popular softwares, namely, R and Tableau Public for generating graphic visuals. Creating advance visuals including dashboard preparation was covered during the programme. Speaking on the occasion, Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM emphasised the role of visualization in



today's era. He also urged the participants to use the large data sets which are already available in agriculture for analysis.

(Programme Directors: Drs. Sanjiv Kumar & BS Yashavanth)

Entrepreneurial and Communication Skill Development at PVNRTSVU, TS

A training programme on “Entrepreneurial and Communication Skill Development” was organized during 08-12 March, 2021. The programme was organized jointly with PV Narsimha Rao Telangana State Veterinary University (PVNRTSVU) at College of Veterinary Science, Hyderabad as a part of sub-plan activity of ICAR. There were 23 MVSc students participated in the programme including 8 girl students. The programme was designed to promote and nurture entrepreneurship abilities in students along with equipping them with management

tools needed for making successful entrepreneurs. Other objective was to impart communication skill in the students. Accordingly, there were modules on Entrepreneurship, livestock sector opportunities and personality development. Majority of the resource persons were faculty members of NAARM. Few guest faculty were also invited to deliver sessions. Dr. Ch. Srinivasa Rao was the chief Guest during the valedictory session. Other dignitaries include Dr. Viroji Rao, Dean of Faculties, PVNRTSVU and Dr. Pramod Kumar, Associate Dean, College of Veterinary Science, Hyderabad. Speaking on the occasion, Dr. Ch. Srinivasa Rao highlighted the importance of entrepreneurship in the agricultural area including veterinary sector. He also briefed about the government initiatives which can be utilized by the students for entrepreneurship.

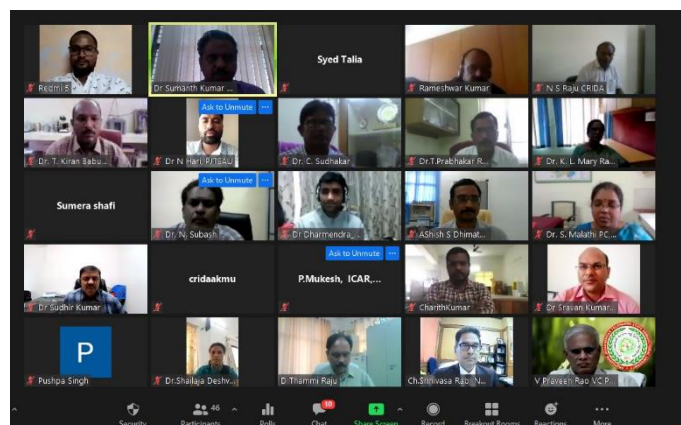
(Programme Directors: Drs. PC Meena & Sanjiv Kumar)



Artificial Intelligence and Cloud Computing Applications in Agriculture

An online training programme on “Applications of Artificial Intelligence and Cloud Computing in Agriculture” was organized by the Academy during 15-20, March 2021. All the resources required for the programme were shared in online mode, which includes ecosystem of digital resources required for hands-on practical session as well. The programme was designed in to 3 sections of 2 days each which covered concepts of Artificial Intelligence, Machine Learning, Deep Learning & IoT; Python programming with hands-on; AI models used by various start-ups in Indian Agriculture.

The programme was attended by 32 participants from 9 states and 17 agricultural disciplines. Dr V Praveen Rao, honourable VC, PJTSAU in his chief guest address emphasised the importance of capacity building on AI tools in the NARES and explained the various AI initiatives in Agriculture. He also emphasized the need of innovative AI apps and informed these AI innovations can possibly emerge at the intersection of Agriculture, Finance, IT, IOT and BI. Dr. Ch. Srinivasa Rao, Director,



ICAR-NAARM highlighted the importance of AI methodologies in the current scenario, where more than 100 billion devices are connected to web and generates a lot of data. He urged the participants to implement the learnings in the domain of agriculture through possible collaborations.

(Programme Directors: Drs. VV Sumanth Kumar & D Thammi Raju)

Competency Enhancement and Student Mentorship at Acharya NG Ranga Agricultural University Campuses, AP

The Academy conducted two 2-day training programme on “Competency Enhancement and Student Mentorship in Agricultural Sector Opportunities” under Sub-plan in collaboration with Acharya N.G Ranga Agricultural University for the students of the Agricultural College, Mahanandi and Agricultural College, Rajamahendravaram, Rajahmundry.

The training program at Agricultural College, Mahanandi was held during 5-6 March, 2021. Dr. G Prabhakar Reddy, Associate Dean of the college inaugurated the program. The training program sensitized the students regarding the career opportunities, prospects in agricultural education, agri-preneurship and other competitive examinations. Dr. Ch. Srinivasa Rao, Director NAARM sensitized the students on agri-preneurship and higher



education prospects. The training programme at Rajamahendravaram was conducted in collaboration with NAAS, Hyderabad Chapter during 9-10 March, 2021. On behalf of the NAAS, Hyderabad chapter Dr. D Damodar Reddy, Director, CTRI graced the inaugural function and delivered the address and motivated the students through his real life struggles and experiences. Dr. Ch. Srinivasa Rao, Director NAARM highlighted the role of students in the nation building and sensitized them for higher education besides motivating them to pursue higher education from reputed national and international universities. Associate Dean Dr. G Subba Rao stressed the students to make use of the training to help them pursue their future career avenues.

(Programme Directors: Drs. M. Ramesh Naik & Umesh Hudedamani)

IPR, Copyrights, Industrial Design and Plagiarism

The Academy conducted a five-day online training programme on “IPR, Copyrights, Industrial Design and Plagiarism” for the staff of TANUVAS, Chennai during 22-26 March, 2021. The training programme covered various aspects of intellectual property rights viz., Patent laws, Copyrights, Trademarks, Industrial designs and Role of IPRs in biodiversity and geographical indications. Dr. C Balachandran, Vice-Chancellor, TANUVAS, Chennai, during valedictory programme, stressed on the importance of IPRs and asked the faculty undergoing the training to make use of learnings of the training for the benefit of university. Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM spoke on the importance of innovations and IPRs in Indian agriculture and impressed upon the participants to disseminate the learnings to the students of the University.



(Programme Directors: Drs. K. Srinivas & Umesh Hudedamani)

E-Resources, E-learning and IoT

An online training program on “E-Resources, E-learning and IoT” was conducted by the Academy during March 23-27, 2021 for the faculty of UAS, Raichur (Karnataka). The program was third in the series for the faculty of UAS, Raichur to sensitize the participants with latest concepts in Learning, Technologies and Digital Resources. It was attended by 30 participants from various campuses of UAS, Raichur. In his valedictory address, Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM highlighted the importance of use of technology to cope with new normal situations in education and agriculture. He stressed on online methodologies to reach the target audience that include students, farmers and other stakeholders. Dr MG Patil, Director of Education, UASR while thanking the Academy for lending support to train the faculty using



online mode, wished to have more such training programs in collaboration with ICAR-NAARM.

(Programme Directors: Dr. G.R.K. Murthy, ICAR-NAARM; Dr. D.M. Chandargi, UASR)

Design Thinking in Research & Education with Focus on Veterinary Sciences

A virtual training programme on “Design Thinking in Research and Education with Focus on Veterinary Sciences” was organized by the Academy jointly with Rajasthan University of Veterinary and Animal Sciences, Rajasthan under NAHEP during 22-27 March, 2021. The



programme was aimed at improving the design thinking in veterinary research & education and competence enhancement in education management and policy issues in the veterinary sciences. Around 49 faculty members of RAJUVAS, Rajasthan participated in the six-day virtual training programme. During the closing ceremony, the Chief Guest, Prof. (Dr.) Vishnu Sharma, Vice-Chancellor, RAJUVAS, Rajasthan emphasized on the integration of intellectual skills and scientific competencies in design thinking in research and education. Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM, Hyderabad stressed on the need for winning external grants in research with multidisciplinary perspectives in emerging areas.

(Programme Directors: Drs. S K Soam, D Thammi Raju & B Ganesh Kumar)

Training Programme on Tailoring for Rural Women

A customized skill development training programme on tailoring under Sub-Plan was conducted during 23-27 March, 2021 for the women from Lachampur Village, Talamdugu Mandal (Adilabad) and Agraham Potlapally Village, Rajapur Mandal (Mahaboobnagar) Telangana State as a part of implementation of Sub-Plan activities. A total of 30 participants registered in the training. The programme was organized by the Academy in association with PJTSAU-AICRP-WIA, Rajendranagar, Campus Hyderabad. The programme was inaugurated at AICRP-WIA which was presided by Dr V Praveen Rao, Vice Chancellor, PJTSAU. During inaugural session, Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM addressed the participants and informed the group to come out with their own enterprise to support family and raise socio-

economic status. Dr V Praveen Rao, Vice Chancellor, PJTSAU also motivated the participants to start their own tailoring shops or boutique as there is a lot of demand for readymade. The tailoring machines along with kit of accessories were also distributed to the participants.



Academic News

PGDM-Agri Business Management

Successful Completion of 11th Batch of PGDM-ABM (2019-21)

The 11th batch of PGDM-ABM has successfully completed their 2-year residential programme at the Academy. All the 48 students of PGDM-ABM (2019-21) have been placed successfully in 20 reputed agribusiness companies. The package offered ranged between Rs 6.5 lakhs and 12 lakhs per annum (lpa) with an average CTC of Rs 8.5 lpa. A send-off ceremony was organized on this occasion on Mar 31, 2021. Speaking on the occasion, Dr. Ch. Srinivasa Rao, Director, NAARM congratulated and wished the students for successful career ahead. He also reminded the students that they carry the image of the Academy on their shoulders. Therefore, they should always strive to perform with honesty, humility and keeping farmers' welfare in the centre.

12th Batch of PGDM-ABM (2020-22)

The classes of 12th batch are conducted in online mode. The 54 students of the batch are in their IIIrd trimester. They are also selected by 24 different agribusiness companies for the 8-week Summer Internship.

DETM 3rd Batch

The 3rd batch of Diploma in Educational Technology and Management (DETM) has been started from January 2021. Out of 69 applications shortlisted, 32 candidates were



Admission of 13th Batch of PGDM-ABM (2021-23)

Admission process of 13th batch of PGDM-ABM started. The candidates are selected for admission into PGDM-ABM on the basis of academic performance, CAT/CMAT scores, analytical writing skill test (AWST), personal interview and diversity score. Online AWST of short-listed candidates will be conducted on May 17, 2021. It will be followed by Personal Interview (Online) which is scheduled on May 24-29, 2021. For details, kindly visit <https://naarm.org.in/pgdmabm/>

admitted for DETM. The soft copy of the course materials and other learning resources have been sent to all the candidates.

a-IDEA News

NIDHI PRAYAS 2nd Call Open

a-IDEA, NAARM-TBI is inviting innovators working on innovative Idea/POC/Prototype stage to apply for “NIDHI PRAYAS” grant up to Rs. 10 Lakhs in the field of agriculture and allied sectors. The applications are open from 20th March 2021 till 20th April 2021.

To apply visit: <https://www.f6s.com/a-idea-nidhiprayas/apply>

**BIRAC BIG Scheme 18th Call Open**

BIG (Biotechnology Ignition Grant) is the flagship program of BIRAC, which provides grant funding support to young start-ups & entrepreneurs to the tune of up to INR 50 lacs to build best in class innovative ideas to proof-of-concept/product. As a BIRAC BIG Partner, a-IDEA, NAARM is calling application for the 18th Call of BIRAC's Biotechnology Ignition Grant (BIG) scheme in the

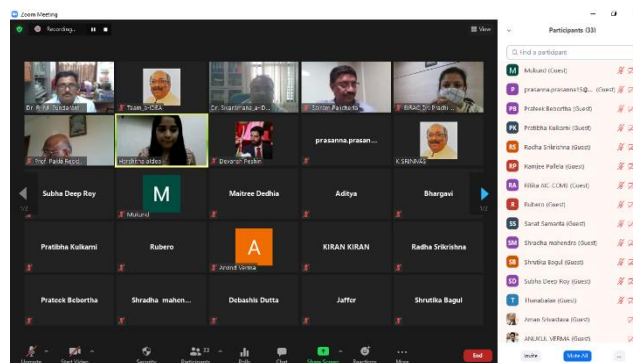
Agri and Agri-Biotech sector. Applications are open for Grant in aid up to ₹50 lakhs from 1st January to 25th March 2021. Startups, entrepreneurs, individuals, and students at the Idea/POC stage are invited to apply for the BIG scheme through a-IDEA, NAARM.

To apply: <https://birac.nic.in/big.php>

For more details: <https://aidea.naarm.org.in/big/>

Global Bio India Roadshow 2021

Agri-BioNEST, an Agri-Biotech-focused Bio-Incubator of a-IDEA, NAARM & Agri-Biotech Foundation organized the Global Bio-India 2021 Roadshow Virtually on 25th February 2021 at 3:00 PM. Aspiring entrepreneurs, students, researchers, startups, Innovators, and ecosystem stakeholders attended the roadshow. The event had speeches from industry, innovators, startups, and government functionaries.

**Webinar Series**

Agri-BioNEST of a-IDEA, ICAR-NAARM organised a series of webinars on different topics during the quarter.

Dr. K Srinivas, CEO, a-IDEA delivered the lectures and interacted with the participants.

Topic	Date
Understanding BIRAC BIG Scheme Guidelines & Eligibility in Agri and Agri-Biotech Sector	11 Jan 2021
How to write a winning proposal for BIRAC BIG grant	16 Jan 2021
Role of ICAR-NAARM in promoting agri startups in BIG grant	18 Jan 2021
BIG awareness session with Bangalore Bio innovation Centre	19 Jan 2021
BIRAC BIG for Agritech & Allied Sector Startups: Sky is the limit	28 Jan 2021
Opportunities for Agri-Biotech Startups in BIG scheme: Efforts of ABF – a-IDEA	03 Feb 2021
TEP Mentoring Session	03 Feb 2021
Tips for filling application for BIRAC BIG 18 th call	10 Feb 2021
Application Form Submission tips for startups under BIG	25 Feb 2021

Major Events

National Science Day Celebrations

The Academy celebrated National Science Day on 28 February, 2021. The theme this year on the occasion is: "Science, Technology and Innovation (STI): Impacts on Education, Work and Skills". Accordingly, essay writing and poster designing competitions were conducted for the students of PGDM-ABM. Many of Students participated in these competitions with much enthusiasm and fervor. During the event, Dr. SK Soam, JD(I/C), ICAR-NAARM drew the attention of the students towards development of scientific temper, as its one of the constitutional fundamental duty of citizens of India. He also highlighted the role of technology in day to day life by giving the example of 4G and 5G internet services. During the presidential address, Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM highlighted the importance of science as realized across the world due to Pandemic. He advised to



PGDM-ABM students that they can contribute in the farmers wellbeing by providing the agro advisory services about application of fertilizer, pesticides and help farmers for next 40 to 50 years. During the celebration, winners of different competitions were honored.

Competition	Group	Winner	1 st Runner up	2 nd Runner up
Essay Writing	PGDM-ABM I	J. Malagimani	K. Prudhvi	C. Mythreyi
	PGDM-ABM II	Kshitiz Saxena	Nora Mohanty	Sushant Chandra
Poster Designing	PGDM-ABM I	Bhanusree & Soundarya	Shivangi Gupta & Shrija	G. Akshita Reddy & K. Vivek
	PGDM-ABM II	Kola Haritha & K. Shravya	Badush Salim & Aishwarya Santhosh	Sai Vijitha & Anshu Singh

ICAR-NAARM Post Card Released by Department of Posts, Govt of India

As part of the endeavour to highlight and to commemorate special events as well as features of the rich heritage and culture of Hyderabad City and its research and academic institutions, Department of Posts, Telangana Postal Circle, this year, released Picture Postcards on the premier Scientific Research Institutions working on diverse fields and contributing to the development of scientific temper among citizens and development of the nation. Department of Posts, Telangana Postal Circle issued a Picture Post Card on ICAR-NAARM on March 10, 2021 at release function held at Dak Sadan, Hyderabad, Telangana. The Picture Post Card was released by the Chief Post Master General, Telangana Circle. Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM and Dr. VK Singh, Director ICAR-CRIDA graced

the occasion. Picture Post Cards of the other scientific



research institutes viz ICAR-CRIDA, ICRISAT, NIN, IICT, CCMB, NGRI, NRSC, CDFD, and NIPER were also released on the occasion, which was attended by Heads of respective organizations.

World Water Day Celebrated at ICAR-NAARM

The Academy celebrated World Water Day on 22 March 2021. The theme of this year world water day is “Valuing Water”. On this occasion, Academy organized various events including Farmers visit to Technology Demonstration, Essay competition for staff and Drawing competition for students emphasizing the value of water.



Addressing the farmers, staff and students, Dr. Ch. Srinivasa Rao, Director, ICAR-NAARM emphasized the value of water in rainfed agriculture and stressed the need for policy initiatives for crop planning based on available water resource and economic maximization for the farmers. He also explained the various water conservation and harvesting measures implemented at the academy like roof water harvesting, Integrated Farming System, Micro irrigation systems etc. The Chief Guest of the function, Dr. D Raji Reddy, retired Director of Extension, PJTSAU, Hyderabad elaborated various methods of water conservation and need for crop diversification towards oilseed or pulse crop in place of paddy cultivation. The winners of the various events organized on this occasion were felicitated by the Chief Guest.

(Event coordinators: Drs. P Ramesh, Ramesh Naik, P Venkatesan, Bharat S. Sontakki)

MoUs signed by ICAR-NAARM

The Academy extended the MoU with Biotech Consortia India Limited (BCIL) for the project 'Orientation-cum-awareness and implementation of action of Access and Benefit Sharing (ABS) guidelines of ICAR. The project started under the MoU signed on 12th December 2019.

Farmers' field visits

Different farmers from Telangana state visited the campus on different occasions on the occasion of World Water Day from on 22 March 2021. During the visit, the farmers visited the rose garden, nursery, vermicompost units, Herbal garden, Agri-biodiversity Park and they interacted with farm technical officers. A group of young farmers from Adilabad and Mahbubnagar districts visited the campus on 25 March 2021 during which they interacted with Farm technical officers.



Republic Day Celebrations at the Academy



Other Events



Meeting of officials of ICAR-NAARM and ICAR-CRIDA to discuss about pending pension cases



Review cum Action Plan Workshop on Entrepreneurship Development through Farmer Led Innovations – A Case Study in Plantation Sector under National Agricultural Science Fund

Faculty Achievements

Honours, Awards and Recognitions

Dr. Ch. Srinivasa Rao is nominated as Chairman, ICAR Committee to develop targeted roadmap for the creation of Technology Incubation Centres in all Institutes including KVKs (2021)

Dr. Ch. Srinivasa Rao is nominated as Chairman, Organizing Committee, ICAR National Convention for Industry-Institute Interface for Food Processing Technologies, to be held during April 2021.

Dr. Ch. Srinivasa Rao is nominated as Member to the reconstituted ICAR Committee on Agricultural Research Service for a period of two years (2021-23).

Dr. Ch. Srinivasa Rao is nominated as Member, ICAR Committee to review Career Advancement Scheme (CAS) and Score Card for Scientists of ICAR.

Dr. Ch. Srinivasa Rao is nominated as Member, NAAS Organizational Committee to frame guidelines relating to organizational, personnel, finances and investments as well as delegation of powers (2021).

Dr. Ch. Srinivasa Rao is nominated as Member, ICAR Committee on Development of Tech Dome for Central Vista Project.

Dr. Ch. Srinivasa Rao is Member of 'Performance Review Committee' on recommendations of Working Group Report on Finalization of Parameters of Activity Plan of the Faculty Members of VAMNICOM/RICMs/ICMs under NCCT.

Dr. SK Soam is nominated as a member in the Organizing Committee for "ICAR National Convention for Industry-Institute Interface for Food Processing Technologies" to be held during April 2021.

Dr. SK Soam was Guest of Honor for Hands-on-training cum workshop on 'Development of presentation skills, organised by Career Development Center, SKN Agricultural University, Jobner on 7th Feb 2021.

Dr. SK Soam chaired a session on Technology Driven Ideas and their application for promoting agribusiness opportunity during 6th National Youth Convention on "Innovation and Agricultural Reforms for Farmers Prosperity" jointly organized by AIASA, ICAR and PJTSAU, Hyderabad on 20-21st February, 2021.

Dr. SK Soam chaired a session on Agriculture transformation through institutional strengthening, skilling and entrepreneurship development during National Agricultural Conference on Public-Private-Industrial Centric Approach to Transform Agriculture in virtual mode Organized by School of Agricultural Sciences, G.D.Goenka University with the support of NABARD 13-14 March, 2021

Dr. SK Soam is nominated as a Member, National Advisory Committee National Conference On ICT Based E-Resources for Smart Agriculture: A Journey Towards Atmanirbhar Bharat Post Covid-19 Pandemic Situation During 16-17 March, 2021.

Dr. Alok Kumar is nominated as Executive Councilor, South Zone, Indian Society of Extension Education, New Delhi for the period of 2020-23.

Dr. P Krishnan is anointed as Member of the Planning Board of Tamilnadu J. Jayalalitha Fisheries University (TNJFU), Nagapattinam, Tamilnadu for a period of three years from Jan 2021.

Dr. Ranjit Kumar was invited as Member of the Study Management Committee of the project on “Co-Benefits of Large Scale Organic Farming on Human Health (BLOOM): An evaluation of Andhra Pradesh Community-managed Natural Farming” by the Global Academy of Agriculture and Food Security, The University of Edinburgh in partnership with the Public Health Foundation of India (PHFI).

Dr. M Balakrishnan received Outstanding Achievement Award-2021 from Green Agri Professional Society, Dhanbad, Jharkhand.

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Radio/ TV talk/ Video talk/ Press Release

TV Talk- Topic/ Event	Channel and Program
'Young Trainee Scientists Farewell Day Grandly Celebrated @ ICAR NAARM'	ETV-Telangana
	02-01-2021
	https://youtu.be/2-VjPtKvgfo

Valedictory Session of 111th FOCARS held at ICAR-NAARM on 2-1-2021.



<https://react.etvbharat.com/telugu/telangana/city/hyderabad/certificates-distributed-for-young-scientists-in-naarm-rajendranagar/ts20210102193955554>

Media coverage



Faculty / Staff Participation in Online Scientific Events

Programme Name	Organizer	Date	Scientist Name
Review Meeting of Officers & Staff of DARE & ICAR under the Chairmanship of Secretary (DARE) & Director General, ICAR.	ICAR	Jan 1, 2021	Dr. Ch. Srinivasa Rao
Preliminary Meeting to finalize work plan with food industry and other related activities of IPTM, ICAR in association with ICAR-NAARM.	ICAR	Jan 2, 2021	
Hyderabad Cluster Virtual Launch Event - organized by Research and Innovation Circle of Hyderabad (RICH)	Research and Innovation Circle of Hyderabad (RICH)	Jan 8, 2021	
ICAR SOC Meetings	ICAR	Jan 12, Feb 5, March 5, 2021	
NAAS Hyderabad Chapter Meeting	NAAS	Jan 16, 2021	
Inaugural Session and Closing Ceremony of National Dialogue - Indian Agriculture Towards 2030 - Pathways for Enhancing Farmers' Income, Nutritional Security and Sustainable Food Systems - organized by NITI AAYOG and Food and Agriculture Organization of the United Nations (Inaugurated by Hon'ble Vice President of India)	NITI AAYOG and Food and Agriculture Organization	Jan 19 & 22, 2021	

Programme Name	Organizer	Date	Scientist Name
Meeting on Development of Tech Dome for Central Vista Project, held under the chairmanship of Director General, ICAR	ICAR	Jan 22, 2021	Dr. Ch. Srinivasa Rao
92nd Annual General Meeting of ICAR Society	ICAR	Jan 27, 2021	
Meeting of ICAR Committee on Development of Tech Dome for Central Vista Project	ICAR	Feb 02, 2021	
Meeting of ICAR Committee to review Career Advancement Scheme (CAS) and Score Card for Scientists of ICAR	ICAR	Feb 08, 2021	
Consultation meeting by Addl. Secretary, EF&CC, MoEFCC, Govt. of India, regarding partnership with research institutes for achieving India's voluntary target of land restoration.	EF&CC, MoEFCC, Govt. of India	Feb 12, 2021	
25th Board of Management Meeting of PJTSAU	PJTSAU, Hyderabad	Feb 12, 2021	
Meeting of all the Conveners of NAAS Regional Chapters	NAAS, New Delhi	Feb 15, 2021	
First Meeting of NAAS Organizational Committee to frame guidelines relating to organizational, personnel, finances and investments as well as delegation of powers	NAAS, New Delhi	Feb 15, 2021	
Meeting of Organising Committee of ICAR National Food Conclave (FIT)	ICAR, New Delhi	Feb 17, 2021	
2nd Meeting of ICAR Committee to review Career Advancement Scheme (CAS) and Score Card for Scientists of ICAR at New Delhi.	ICAR, New Delhi	Feb 17 & 18, 2021	
116th Executive Council Meeting of NAAS at NASC Complex, New Delhi.	NAAS, New Delhi	Feb 19, 2021	
Chief Guest for the International Webinar #4 on "Breeding for efficient root system for water and Nutrient uptake in crops" organized by Plant Genomia	Plant Genomia	Feb 21, 2021	
Chief Guest for the DST sponsored online National Training Programme on "Soil & Water Conservation Technologies for Climate Smart Agriculture in the Context of Extreme Weather Events" organized by ICAR-Indian Institute of Soil and Water Conservation, Research Centre, Udhagamandalam from Feb 22to March 5, 2021	ICAR-IISWC, Dehradun	Feb 22, 2021	
Chaired the Inaugural Session of 23rd Annual Conference(online) of the Society of Statistics, Computer and Applications – Web Conference on "Visionary Innovations in Statistical Theory and Applications (VISTA-2021)"	Society of Statistics, Computer and Applications	Feb 24, 2021	
Fellows Meeting and Annual General Body Meeting of the NASI	NASI	Feb 27, 2021	

Programme Name	Organizer	Date	Scientist Name
Chaired the Valedictory Session of the of 23rd Annual Conference(online) of the Society of Statistics, Computer and Applications – Web Conference on “Visionary Innovations in Statistical Theory and Applications (VISTA-2021)”	Society of Statistics, Computer and Applications	Feb 28, 2021	Dr. Ch. Srinivasa Rao
3 rd Meeting of ICAR Committee to review Career Advancement Scheme (CAS) and Score Card for Scientists of ICAR	ICAR, New Delhi	Mar 02 & 03, 2021	
ICAR Meeting on Budget Utilization held under the chairmanship of Secretary, DARE & DG, ICAR	ICAR, New Delhi	Mar 05, 2021	
International Women’s Day Programme of ICAR	ICAR, New Delhi	Mar 08, 2021	
NAAS Executive Council Meeting	NAAS, New Delhi	Mar 11, 2021	
ICT Steering Committee Meeting of ICAR	ICAR, New Delhi	Mar 16, 2021	
Regional Meeting of Regional Advisory Committee (RAC) on Off Farm/Non-Farm Sector Development in Telangana organised by NABARD, Telangana Regional Office, Hyderabad	NABARD, Telangana Regional Office, Hyderabad	Mar 16, 2021	
Meeting of senior officers from NAARM and CRIDA to discuss issues related to Pension	ICAR-NAARM, Hyderabad	Mar 18, 2021	
Preparatory Meeting for CoP-26 of UNFCCC organized by MoEFCC, Govt. of India	MoEFCC, Govt. of India	Mar 18, 2021	
World Water Day Programme organized by ICAR– Lecture by Dr. Mark Smith, Director General, International Water Management Institute (IWMI).	ICAR	Mar 22, 2021	
25th Meeting of Food and Agriculture Division Council (FADC), Bureau of Indian Standards, Govt. of India, held under the chairmanship of Secretary, DARE & DG, ICAR	ICAR	Mar 23, 2021	
Final Review Meeting of the NAAS Task Force on Compendium on Impact of Agricultural Research	NAAS, New Delhi	Mar 24, 2021	
First Meeting of Apex Committee for Implementation of Paris Agreement (AIPA) under the Chairmanship of Secretary, MoEFCC, Govt. of India.	MoEFCC, Govt. of India	Mar 24, 2021	
Meeting organised by ICAR Education Division on Bharat ka Amrut Mahotsav – Commemoration of 75 years of India’s Independence - Lecture on ‘Precision Mechanization’ by Dr K. Alagasundaram, DDG (Ag. Engg), ICAR.	ICAR Education Division	Mar 25, 2021	
Meeting of the Programme Committee of NAAS	NAAS, New Delhi	Mar 25, 2021	
Zoom Webinar - Policy Dialogue on "Biofortification to Address Hidden Hunger and Nutritional Security: Present Status & Way Forward" under the Convenership of Dr. U.S. Singh, South Asia Regional Coordinator and Country Manager, CIP-South Asia, organized by NAAS.	NAAS, Delhi	Mar 26, 2021	
Online Review Meeting to review the progress of ZTMC activities in ICAR Crop Institutes in Southern Indian Zone (As Chief Guest)	ICAR-IIMR	Jan 18, 2021	Dr. SK Soam

Programme Name	Organizer	Date	Scientist Name
Study Management Committee Meeting of “Co-Benefits of Large scale Organic Farming on Human Health (BLOOM): An evaluation of Andhra Pradesh Community-managed Natural Farming”	University of Edinburgh	Mar 01, 2021	Dr. Ranjit Kumar
Brainstorming Session on “Contract Farming for Transforming Agriculture in India: Challenges and Way Forward”	NAAS	March 10, 2021	
Planning meeting of NAHEP-CAAST sponsored sub-project on “Mapping and Performance Analysis of FPOs in Western Region of India”	Anand Agricultural University, Anand	March 23-24, 2021	
Executive Committee meeting of the Indian Society of Agricultural Economics	CARDS, Coimbatore	Feb 11, 2021	
Reinventing the Agriculture Business Management (ABM) programme of its School of Agriculture Business Management (SABM) of PJTSAU	Indian School of Business (ISB), Hyderabad	Feb 1 & 2, 2021	
National e-conference on “Agricultural Education, Innovation & Research for future livelihood – Indian scenario in 2050’	MPKV, Rahuri	Jan 28-29, 2021	Dr. Surya Rathore
7th Annual Review Meeting of NASF projects	NASF	Jan 6, 2021	Dr G R K Murthy
Workshop of NASF project on Entrepreneurship Development through Farmer Led Innovations – A Case Study in Plantation Sector	NAARM, Hyderabad	Mar 15-16, 2021	
6th Meeting of the Planning Board, Tamil Nadu J. Jayalalitha Fisheries University, Nagapattinam, Tamil Nadu.	Aquatic Rainbow Technology Park Complex, Madhavaram, Chennai	Feb 12, 2021	Dr. P. Krishnan

Invited as Key Speaker in Virtual Scientific Meetings/ Webinars

Faculty	Topic	Event	Organiser	Date
Dr Ch. Srinivasa Rao	Innovative Technologies adopted in Stress Management of Dryland Agriculture Crops	National Webinar on “Stress Management in crops for food and nutritional security – Role of Fertiliser Policy - Way Forward”	FAI	Jan 21, 2021
	Sustainable Natural Resource Management for Enhancing Pulse Production and Nutritional Security in India	National Web Conference on “Sustaining Pulse Production for Self Sufficiency and Nutritional Security” (Pulse WebCon 2021)	ICAR-IIPR, Kanpur	Feb 11, 2021
	Integrated Nutrient Management (INM) for Climate Smart Agriculture	DST sponsored online National Training Programme on “Soil & Water Conservation Technologies for Climate Smart Agriculture in the Context of Extreme Weather Events”	ICAR-Indian Institute of Soil and Water Conservation	Feb 22, 2021

Faculty	Topic	Event	Organiser	Date
	Impacts of climate change and weather forecasting on agriculture and food systems in coastal ecosystems of India	ICSA Webinar - International Symposium on "Transforming coastal zones for sustainable food & income security"	Indian Society of Coastal Agricultural Research (ISCAR)	Mar 16, 2021
Dr. SK Soam	AI and IoT in Agriculture: Capacity building of NARS	International virtual seminar on "Artificial Intelligence in Agriculture"	SVPDAT, Meerut	Jan 11, 2021
	Applications of Analytic Hierarchy Process (AHP) in Extension Research during from 02-05 Feb 2021	KAU- DOE - CTI- MANAGE funded collaborative training on research methods in behavioural sciences for the social scientists	Kerala Agricultural University, Kerala	Feb 04, 2021
	Intellectual property rights	Webinar on "Ethics in Agricultural Entrepreneurship"	Career Development Centre, IGKV, Raipur	Feb 06, 2021
	Copyright and Geographical Indications	Awareness Workshop on Intellectual Property Rights in Agricultural Research	ICAR-National Institute of Biotic Stress Management, Raipur	Mar 20, 2021
	Webinar on Intellectual Property Rights with special reference to Copyright and Trademark	Webinar	ICAR-National Research Centre on Mithun	Feb 10, 2021
	IPR Issues	Webinar	Indian Institute of Sugarcane Research, Lucknow	Mar 05, 2021
Dr. R V S Rao	Enhancement of Communication Skills	Webinar	ICAR-IISR, Lucknow	Mar 05, 2021
	Motivation	Webinar	ICAR-IISR, Lucknow	Mar 10, 2021
Dr. P. Krishnan	Seaweed Culture & Processing Policies, Laws & Opportunities	CSIR Integrated Skill Initiative: Skill Development Program in Seaweed Cultivation and Processing Technology (SEA-CPT)	CSIR-Central Salt and Marine Chemicals Research Institute (CSMCRI), Bhavnagar	24-26 Feb 2021
	Impact of Commercial Cultivation of <i>Kappaphycus alvarezii</i> in Palk Bay on Coral Reefs of Gulf of Mannar, South India	ISCA Webinar: International Symposium on Coastal Agriculture: Transforming Coastal Zone for Sustainable Food and Income Security	Indian Society of Coastal Agricultural Research (ISCAR), ICAR-CSSRI, Canning Town, West Bengal	16-19 Mar 2021
Dr. S. Senthil Vinayagam	Role of Innovators & Start-ups in rural transformation	Azadi ka Amrit Mahotsav 2021	NIRDPR, Hyderabad	Mar 26, 2021
Dr. Surya Rathore	Vocational Scope of Home Science Extension &	National Webinar on paradigm shift in Home Science Education	Home Science Association of India	Feb 19, 2021

Faculty	Topic	Event	Organiser	Date
	Communication Management		(HSAI), Kerala chapter	
	One-day National webinar on Inspiring Young minds in Community Sciences: Journey of successful personalities	IDP, NAHEP	Maharana Pratap University of Agriculture & Technology	Jan 21, 2021
Dr. Sanjiv Kumar	Time Management for Achieving Goals	Webinar as part of NAHEP IDP	GADVASU, Ludhiana	Jan 23, 2021
	How to assess prefeasibility of project through market survey	DST sponsored online Faculty Development Program on "Entrepreneurship in Livestock and Veterinary Sciences	NRC, Meat	Feb 15, 2021
	Presentation of data using MS Excel & Tableau Software	Online training program on "Agriculture for Economic Development: Policy Planning, Policy Analysis and Techniques of Economic Analysis	MANAGE, Hyderabad	Mar 04, 2021
Dr. BS Yashavanth	Analysis of time-series data in R	R Software – Application in Agriculture Research & Education	UAS-Bangalore	Jan 19, 2021
Dr. Laxman Maharu Ahire	High Density Plantation in Major Fruit Crops an Opportunity for Doubling of Farmers Income	4th National Conference and Webinar on Doubling Farmers Income for Sustainable & Harmonious Agriculture, DISHA-2021	Green Agri Professional Society	Mar 13-14, 2021

Trainings Attended by the Faculty/Staff

Dr. Ramesh Naik attended the online training programme on "Time Series Data Analysis" organized by ICAR-NAARM, Hyderabad during 4-9 January 2021.

Staff News

Appointments/ Joinings

- Shri. Shamulu, CLTS as Skilled Support Staff (SSS) w.e.f. 29.01.2021
- Shri. K.Satnarayana/C, CLTS as Skilled Support Staff (SSS) w.e.f. 29.01.2021
- Shri. K.Narasimha, CLTS as Skilled Support Staff (SSS) w.e.f.
- Smt. V.Lakshmi, CLTS as Skilled Support Staff (SSS) w.e.f. 30.01.2021
- Smt. K.Andalu, CLTS as Skilled Support Staff (SSS) w.e.f. 30.01.2021
- Shri. M.S.Ravi, CLTS as Skilled Support Staff (SSS) w.e.f. 30.01.2021
- Dr. Vijay Avinashilingam N.A., joined the post of Principal Scientist (Agricultural Extension) w.e.f. 18.02.2021 on his transfer from ICAR-CAZRI, Jodhpur

Transfers

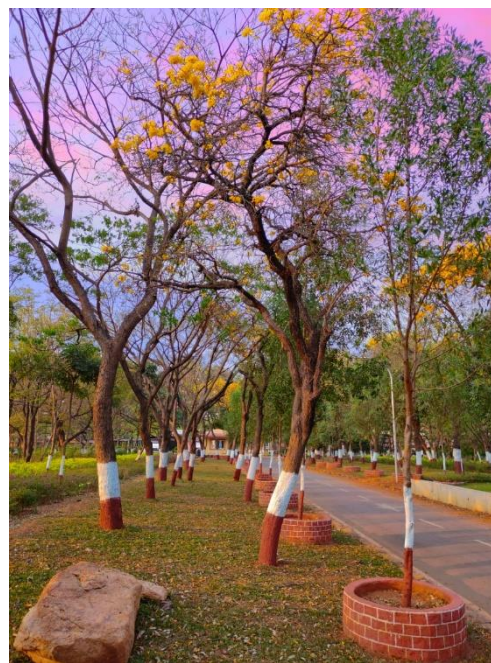
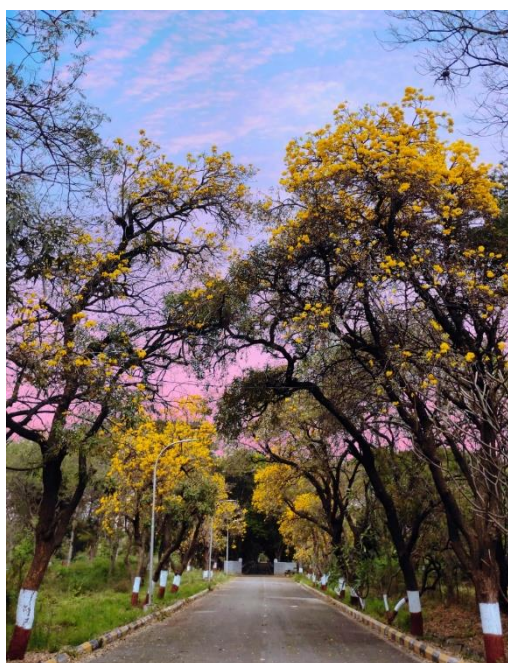
- Dr. (Mrs.) Manju Gerard, Principal Scientist (Technology Management) was relieved w.e.f. 27.02.2021 (A.N.) on her transfer to IP&TM Unit, ICAR Hqrs.

Retirement/ Superannuation

- Shri K.V. Kumar, T-9 Chief Technical Officer (T-3 Statistical Assistant) superannuated on 28.02.2021
- Shri G. Muthyalu, T-4 Senior Technical Assistant (T-1 Driver) superannuated on 31.03.2021

Upcoming Events

Programme	Dates
Training Programme on Content Development and Management for TANUVAS Faculty	16-21 Apr, 2021
Virtual Workshop on Technical & Scientific Writing	23 Apr, 2021
Training Programme on Data Analysis in Social Sciences Research	03-07 May, 2021
Training programme on Reservation in Service including Roster and Reservation Register	04-06 May, 2021
Training cum Workshop on Effective Implementation of ABIs in ICAR	13-16 May, 2021
Training Programme on Audit Paras Settlement	15-16 May, 2021
Training Programme on RTI	22-23 May, 2021
Training Programme on Facilitative Teaching Technologies for TANUVAS Faculty	17-21 May, 2021
Digital Teaching Techniques	17-21 May, 2021
MDP on Leadership Development (a Pre-RMP Programme)	14-25 Jun, 2021
Budget Utilization Planning	03-05 Jun, 2021
MDP on Biodiversity and Environmental Laws for Agricultural Researchers	06-08 Jun, 2021
Training on Next-Gen Tools for Development of Web and Mobile Applications	07-11 Jun, 2021
Sensitization of Agri Scientist on Entrepreneurship Development and Start-up Ecosystem under NABARD Grant	19-23 Jun, 2021
MDP on Business Plan Development and Accelerating FPOs/FPC	21-26 Jun, 2021
Training Programme on Administrative and Finance Management for Section Officers/ AAO/ AFAOs/ Assistants of ICAR Headquarters/ Institutes	24-26 Jun, 2021
MOOC on Principles of Educational Technology	01-30 Jun, 2021



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