



# NAARM NEWS



**ICAR-National Academy of Agricultural Research Management**  
(Indian Council of Agricultural Research, Ministry of Agriculture and Farmers Welfare, Govt. of India)  
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## 106<sup>th</sup> Foundation Course for Agricultural Research Service (FOCARS)

The 106<sup>th</sup> Foundation Course for Agricultural Research Service (FOCARS) started on July 5 2017 and culminated on Oct. 4, 2017. The batch comprised of 60 probationary scientists, of which 17 women and 43 Men, representing 22 states and 28 disciplines. The training would be conducted in three phases. In first phase, total 42 Sessions spread across 30 working days, held at NAARM. Besides conceptual sessions, there were practical sessions in the areas of video production, digital presentation and team building during this phase. There was a special 3-day module on 'Developing Winning Research Proposals' as well. In this phase, the probationers interacted with Dr P.K. Joshi, Director, IFPRI South Asia and Dr David Bergvinson, DG, ICRISAT, and got comprehensive perspective of global trends in agricultural research. Second phase of Field Experience Training (FET) was scheduled for 21 working days during which the scientists were deputed to ten different KVKs across nine States.

Third phase of about 25 working days had 33 sessions and three practical sessions each in the fields of - Data Analytics, IP Informatics and Personality Development besides experiential learning through presentations of FET reports, group seminars and RPP presentations. There was a two-day special module on 'Scientific Writing'. The young probationers were also exposed to working environment of different types of organizations like Large corporate sector (Advanta India), CGIAR institute (ICRISAT), Fisheries Board and other ICAR institutes such as CRIDA, PDP, IIMR and, NRC Meat.

As a part of Social Responsibility, the PGDMA students of NAARM and 106<sup>th</sup> FOCARS Scientist Probationers along with the faculty and staff of the Academy donated 45 units of blood on Sept. 15, 2017. The blood donation camp was organized at NAARM with the help of the Red Cross Society,



*Dr Ranjit Kumar addressing farmers during Workshop in Motihaari, Bihar*

Hyderabad. They also conducted Quiz for more than 300 farmers during Kisan Mela organized by the ICAR-IIOR. The trainee scientists also participated actively in the government programmes like *Haritha Haram*, *Hindi Pakhwada*, *Swachh Bharat Mission* and *Swachhata Pakhwada* at the Academy.

Some of the innovations introduced in this batch of FOCARS are mentioned below:

- 360° evaluation of training programme: Training-Learning process can really be progressive when feedback is taken from the learner. Keeping this in view, NAARM introduced Online Feedback on all the 100+ sessions of the FOCARS training from all the 60 probationers. This feedback provides scope to improve upon in many ways.
- Writing Blogs: For the first time, the FOCARS probationers wrote and published their own Blogs. All ten FET groups narrated their experiences of rural immersion in Blog <http://focars106.blogspot.in/>. 'Blogs' is an important mode of communicating science for the new generation researchers.
- Success stories from the FET villages: Probationers scouted one success story from the respective FET villages. Some of these are really interesting and worth noting. These success stories were screened, and one was adjudged as the Best Success Story.
- Baseline Database of FET villages: The probationers spent 2-3 weeks in one particular village during FET. During this time, they collected detailed information of the respective villages. The geo-referenced database of Baseline information of all the 10 FET villages has been created to further use.

Drs Ranjit Kumar and Surya Rathore were the Course Directors.



## Awards

NAARM bagged ICAR “Rajarshi Tandon Rajbhasha Puraskar Award” for best implementation of Official Language 'Hindi' among the Institutes situated in



'C' Region for the year 2015-2016. Dr Ch. Srinivasa Rao, Director, ICAR-NAARM received the Award from Shri Radha Mohan Singh, Hon'ble Union Minister of Agriculture and Farmers Welfare, during the ICAR Foundation Day Programme at New Delhi on July 16, 2017. Shri Sudarshan Bhagat, Hon'ble Union Minister of State, Ministry of Agriculture and Farmers' Welfare, and Dr T. Mohapatra, Secretary, Department of Agricultural Research and Education (DARE) and Director General, ICAR were also present.

## AGRI UDAAN Launch



AGRI UDAAN was successfully launched by Dr Ramesh Chand (Member, NITI Aayog), Dr T. Mohapatra (Secretary, DARE & DG, ICAR) and

Shri H.K. Mittal (Advisor & Member Secretary, NSTEDB, DST) on August 4, 2017 at NASC Complex, New Delhi. AGRI UDAAN is a unique Food & Agribusiness Accelerator Programme 2.0 supported by Department of Science & Technology, Govt. of India to support agri startups with promising innovative business models by capacity building, mentoring to scale up their operations and make them investment ready. About 230 participants took part of this programme launch.

## Workshops

### Role of ICAR-NAARM in Shaping Agricultural Research and Education Systems Management for 2030

A national workshop on “Reshaping Agricultural Research, Education and Extension Systems Management for 2030” was conducted on August 31, 2017. The 40<sup>th</sup>, 41<sup>st</sup> and 42<sup>nd</sup> FOCARS batches' scientists, who completed 25 years of service to the agricultural sector, were invited to participate in the workshop through their respective ICAR institutes. The workshop discussed on key issues, challenges and strategies in the section of agricultural research, education and extension systems. Thirty-seven participants contributed immensely to the theme by the workshop through brainstorming and panel discussion.



Dr M.M. Anwar, Ex faculty, ICAR-NAARM, Dr D. Rama Rao, Ex Director, ICAR-NAARM, and Dr R.K. Samanta, Ex VC and RAC member, ICAR-NAARM chaired the sessions on Research,

Education & Extension. Dr T. Balaguru and Dr K.P.C. Rao, Ex-faculty members of NAARM were the special invitees on the occasion.

The workshop highlighted the issues and intervention plans in reshaping the three sectors of agricultural development i.e., research, education & extension. Discussions were held theme-wise and key issues pertaining to research, education and extension systems in agriculture emerged. Dr G.R.K. Murthy and Dr V.V. Sumanth Kumar from the Academy coordinated the programme.

### Workshop on Agri-Innovations

NAARM conducted a workshop on “Agri-Innovations” on Aug. 17 & 18, 2017 with an aim to identify the factors that influence the innovations in agricultural R&D systems, and to construct a framework for indexing of agri-innovations for R&D systems and individual



agricultural technologies. Twenty-eight experts attended this workshop from various disciplines of agriculture. The workshop was coordinated by Drs K. Srinivas and Manju Gerard, Principal Scientists, NAARM.



## Digital Learning in Agriculture with reference to Social Media

The ICAR-NAARM organized a Policy Workshop on “Digital Learning in Agriculture with reference to Social Media”, sponsored by ICAR under TELAgE project from July 5 to 7, 2017. The objectives of the workshop were: i) updating the knowledge on digital learning tools including social media; and



ii) develop strategies, roadmap for use of digital learning in agricultural education. Twenty-one participants representing three ICAR institutes, nine SAUs and one CAU attended the workshop conducted by Drs D. Thammi Raju and S. Senthil Vinayagam, Principal Scientists of the Academy.

## Competency Enhancement for Efficiency and Effectiveness at Workplace

An off-campus programme on “Competency Enhancement for Efficiency and Effectiveness at Workplace” for the faculty and scientists of Vasantharao Naik Krishi Vidya Peeth, Parbhani was organized during Sept. 4-8, 2017. Dr B. Venkateswarlu, Vice Chancellor of the university inaugurated the training programme in the presence of Dr Ch. Srinivasa Rao, Director, NAARM. In his address, Dr K.



*Dr B. Venkateswarlu, Vice Chancellor, VNMKV inaugurating the training programme, flanked by Dr Ch Srinivasa Rao, Director, NAARM*

Venkateswarlu requested the trainees to utilize the expertise of NAARM faculty in developing their teaching skills and contribute to the enhancement of quality education. Dr Ch. Srinivasa Rao assured the Academy's support to the University in making the young faculty vibrant and responsive. Drs D. Thammi Raju and K. H. Rao, Principal Scientists of NAARM coordinated this programme.

## Education PGD-TMA

First Term Contact Programme of Post Graduate Diploma in Technology Management in Agriculture (PGD-TMA) 2017 batch was organized simultaneously at NAARM,



Hyderabad & IASRI, New Delhi, during Sept. 9-11, 2017. Dr Manju Gerard was the programme coordinator. Thirty-eight candidates attended these contact classes.

## Research

### Collaborative Project on “Food Consumption Pattern in Telangana State”

Based on the request from Professor Jayashankar Telangana State Agricultural University (PJTSAU), the Academy started a short-term project on “Food Consumption pattern in Telangana State” along with the School of Agribusiness Management, PJTSAU in July, 2017. The project involved extensive survey of households in the rural and urban areas of all the 31 districts of Telangana State. RAWEP students of PJTSAU were engaged for conducting survey. The survey adopted advanced approach of data collection by using android tablets loaded with application having survey schedule for data



*Dr Sanjiv Kumar demonstrating Tablet-based survey to the students in a workshop at KVK, Kamposagar*

collection. Seven workshops were conducted to train the students for data collection using tablet. The data were collected from 6,200 households from 620 villages, towns and city wards across all 31 districts of Telangana. The report preparation is in progress. Team from ICAR-NAARM comprised of Dr Sanjiv Kumar, Scientist, ABM Division; Dr Ranjit

Kumar, Head, ABM Division; Dr A. Dhandapani, Principal Scientist, ICM Division; Dr N. Sivaramane, Senior Scientist, ABM Division and Dr P.C. Meena, Senior Scientist, ABM Division.

### Consultancy project on “Exploring Potential for Medicinal Plants Cultivation in Telangana”

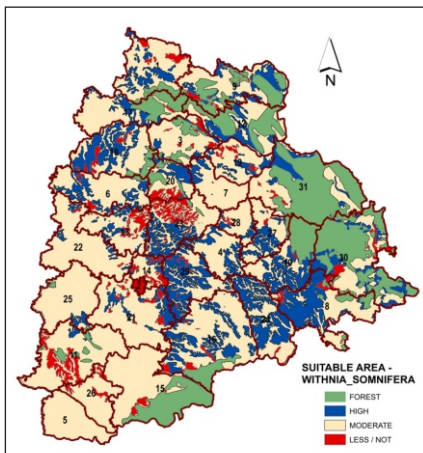
A consultancy project was taken up by the Division of Agribusiness Management of the Academy at the request of

Telangana State Medicinal Plants Board (TSMGPB) at a cost of Rs.1,00,000/-. The objectives of the project were to



characterize the production system of selected medicinal plants in Telangana state, and to identify the locations suitable for cultivation of medicinal plants and the problems faced by the cultivators.

The crops which were on focus for expansion in Telangana as identified by TSMPB namely Aswagandha, Sandal Wood, *Aloe vera*, Red Sanders, Mucuna, Tulsi, Vacha and Guggul were selected for the study. The suitable conditions for the cultivation of these crops were categorized into most suitable, moderately suitable and



less/not suitable based on soil and climatic factors.

Using Geo-spatial analysis, the suitable areas for these crops were mapped on Telangana district maps. Suitable area under every selected crop is estimated and provided in the form of a table for all 31 districts of Telangana. Major problems identified for the cultivation of medicinal plants in Telangana are non-availability of market nearby, transportation problem, non-availability of labour, erratic monsoon and non-availability of bank loan.

## Agriculture Research and Development Infrastructure in Select Indian States

Inception-cum-take-off workshop of the DST- NSTMIS funded research project “Agriculture Research and Development Infrastructure in Select Indian States” was organized on Aug. 26, 2017 at the Academy. The study will be conducted in Andhra Pradesh and Telangana in its two years' tenure. The workshop was chaired by Dr Ch. Srinivasa Rao, Director of the Academy. Dr Parveen Arora, Advisor & Head, Dr H.B. Singh, Scientist-E from DST-NSTMIS participated in the meeting. Dr A. Padmaraju, former Vice Chancellor, ANGRAU, Dr D. Ramarao, former Director, NAARM, Dr Dilip Babu, Director of Research, YSR Horticulture University, Dr K.V. Ramana, Vice-Chairman, Andhra Pradesh Space Application Space Application Centre, Dr M.

Krishnan, Head, ESM, NAARM, Dr I. Sekar, Head, RSM, NAARM, Dr B. Vijayabhinandana, Deputy Director, Extension, ANGRAU, Dr S. Desai, Principal Scientist, CRIDA, Dr M.S. Prasad, Principal Scientist, IIRR, Dr A. Subba Rao, Netafim, Sh. B. Shivarudrappa, Chief- executive, BIRD-AP of BAIF from participated in the workshop. Dr K. Kareemulla, Principal Scientist and Principal investigator welcomed the delegates and gave an overview of the project. Dr S. Ravichandran, Principal Scientist and co-Principal Investigator presented the methodology of the project. The delegates gave suggestions on the data sources and methods for the study.

## Leadership Development

The 11<sup>th</sup> Executive Development Programme on Leadership Development was conducted at the Academy from July 28 to Aug. 1, 2017 wherein ten newly recruited Directors of ICAR institutes attended the training. During interaction, Dr T. Mohapatra, Secretary, DARE & Director General. ICAR gave insight on leadership importance in ICAR system, and defined the role of Directors, and asked the participants to 'give progressive direction'. Shri S.K. Singh, FA, DARE and Addl Secy, ICAR during his lecture stressed upon reducing 'discretion', and advocated them to bring transparency in the system. Shri C.



Roul, Addl Secy, DARE and Secretary, ICAR was Chief Guest during the valedictory session. He stressed on issues like peoples' management, assets management, etc. As a part of oral feedback about the programme, trainees said that it helped in changing their attitude, planning in a better way. They suggested

including case studies on conflict management. The participants were exposed to organic farm with multi-entrepreneurial activities. There were on-site discussions with live farming situation. Drs S.K. Soam and R. Kalpana Sastry were Programme Directors.

## Developing Winning Research Proposals in Agricultural Research

A training programme on 'Developing Winning Research Proposals in Agricultural Research' was organized at the Academy during August 1-5, 2017. The programme objectives were: i) To develop the skills for writing research proposals that can win funds from donors focusing on the needs of the stakeholders; ii) To give



practice in writing various components of a research proposal; iii) To explain the use of log frame in research programme planning; and iv) To develop a good project design and estimate that is rationally accepted. The trainees prepared and presented five concept notes, which were evaluated. Dr Ch. Srinivasa

Rao, Director, NAARM was the Chief Guest for the valedictory programme. The feedback from the participants was excellent. During valediction, one trainee expressed “the programme *transformed the way we think about the project*’, another trainee said ‘*As we prepared concept notes in groups, the programme enhanced inter institutional collaborations*’.

Dr Meenakshisundram said that this *training really enhanced her learning than other trainings where she attended*. Twenty-two trainees (ICAR-09, SAU-10, General university-01, MANAGE-02) attended the programme. Drs S.K. Soam and Dr P. Krishnan were the programme directors.

## Application of Bioinformatics in Agricultural Research and Education

A training programme on “Application of Bioinformatics in Agricultural Research and Education” was organized during Sept. 14-23, 2017 at the Academy to upgrade the knowledge and skills of agricultural professionals for sharing of knowledge management process in research, education pertaining to bioinformatics. The programme covered a range of bioinformatics areas that help in collecting, linking, and manipulating different types of biological information to discover new biological insights. This specific genetic knowledge would be utilized to produce stronger, more drought resistant, disease resistant, insect resistant and



more productive crops. Keeping in view the changed scientific scenario in the post-genomic era, and to expose the agricultural scientists to the latest computational biology tools for biological research, the training included theory and hands-on sessions on different aspects. This training programme provided an insight to the participants about the

enormous potential of Bioinformatics and its tools management to explore it in the area of agriculture. Twelve scientists from across the country participated in this programme. Drs M. Balakrishnan and N. Srinivas Rao were the Programme Directors for this training programme.

## Analysis of Experimental Data

A training programme on “Analysis of Experimental Data” was held during August 03-09, 2017. The training methodology consisted of both lecture-cum-practical demonstration followed by hands-on learning by the trainees. The objective of the training was to impart knowledge and use of statistical tools in analyzing data collected from various agricultural experiments by researchers in agriculture, animal and fisheries sciences. Data analysis using SAS was taught to the participants using SAS Enterprise Guide (EG). The topics covered were: Principle of Experiments for Conducting Research; Exploratory Data Analysis; Introduction to SAS and Data Management, Correlation, Regression and Diagnostics; Analysis of



Experimental Data using Basic as well as advanced designs, Pooled analysis, Multivariate Data Analysis using Principal Component Analysis (PCA), Factor Analysis, Response Surface. Emphasis was given to analysis of data using appropriate statistical techniques and interpretation of the results. Data from real-life studies and simulated data

were utilized to explain various statistical techniques. One guest faculty was invited to deliver lectures on emerging areas viz. “Big Data Analytics in Agriculture” and “Tableau” software for exploratory data analysis. There were 12 participants from ICAR, five from SAU, four from corporate sector and one from CIMMYT, Hyderabad. Drs A. Dhandapani and S. Ravichandran were Programme Directors.

## Awareness of Intellectual Property Rights

Brainstorming sessions on “Awareness of Intellectual Property Rights” at PJTSAU, RARS, Jagityal on July 18, 2017; at Palem on July 27, 2017; and at Warangal on Aug. 11, 2017 were conducted



under the consultancy project “Developing Guidelines and Methodologies for IP Policies for PJTSAU” by Dr Manju Gerard, Principal Scientist, NAARM and Dr S.K. Soam, Jr. Director, NAARM.

## Developing Business Proposal for Producer Companies and Start Up in Agribusiness

The five-day training programme on 'Developing Business Proposal for Producer Companies and Start Up in

Agribusiness' was organized at the Academy during Sept. 19-23, 2017. The programme aimed to build an integrated view



and enhance the knowledge base of the professionals engaged in promoting the farmers group organization. The trainees were also encouraged to develop a practical understanding of application of management principles by having hands-on experience on Business Model



Canvas to clearly understand different facets of agribusiness. Twelve trainees representing ICAR institutes, agricultural universities, KVKs as well as first generation entrepreneurs attended this programme organized by Drs Ranjit Kumar and K Srinivas.

## Meetings

### Annual ISCB Review Meeting on 'Ragi Network'

NAARM faculty, Dr B. Ganesh Kumar, Principal Scientist, ABM Division, participated in the Annual Indo-Swiss Collaboration in Biotechnology (ISCB) Review Meeting on 'Ragi Network' held at the Functional Genomics Center Zurich (FGCZ) / ETH Zurich (University of Zurich) Zurich, Switzerland during August 24-25, 2017. The meeting was attended by all the partners involved in the project, comprising three major groups, viz. biotechnology, nutrition and socio-economics from both the countries. Dr B. Ganesh Kumar is the Principal Investigator of the component on 'Socioeconomic analysis of finger millet in India' sponsored by DBT. This meeting was coordinated jointly by Swiss Agency for Development and Cooperation, Govt. of Switzerland represented by Dr Lilian Gilgen, ISCB Programme Manager (Switzerland) and by Department of Biotechnology, Govt. of India represented by Dr Pratiba Singh, Head, ISCB Technology Advancement Unit (India). Dr M.S. Sheshshayee, UAS-Bangalore, who is the Project

Coordinator gave the overall progress and significant findings achieved during the last two and half years period in the project. This was followed by a presentation by Dr Lilian Gilgen, ISCB about the activities of the Project Monitoring Unit (PMU) / Technology Advancement Unit (TAU), progress achieved overall and in relation to project plan, besides closing of gaps until end of Phase IV, i.e. October, 2017.

There were three separate technical sessions, viz. Genomics and Molecular Biology, Nutrient Content and Bioavailability for Human Dietary Requirements, and Socio-economics of Ragi Production and Consumption. In the session on 'Socio-economics of Ragi', presentation on shift in consumption over time and across groups, market competitiveness, demand forecast and value chain analysis of Ragi was made by Dr Ganesh Kumar. The visit was entirely sponsored by ISCB and approved by DARE, Ministry of Agriculture & Farmers Welfare, GoI.

### Research Advisory Committee Meeting



The first meeting of 7<sup>th</sup> Research Advisory Committee (RAC) of NAARM was conducted on Aug. 24, 2017. Dr Ch. Srinivasa Rao, Director, NAARM welcomed and introduced the Chairman and members. He also presented the overview of the Academy. Dr S.K. Sopory, Chairman in his opening remarks said that 'Farmers Welfare' to be included in research and training agenda because ultimate goal is food and nutritional security. Under the Rule 71C of Rules & Bye-

Laws of ICAR Society, the RAC reviewed the research and capacity building progress, and suggestions were given accordingly. The RAC members viz. Dr P.K. Joshi, Dr R.K. Samanta, Dr Shambhu Prasad, Shri M. Dharma Rao and Shri V. Venkateshwarlu attended the meeting. Dr S.K. Soam, Member Secretary prepared the proceedings and sent to the Chairman for approval of the proceedings, and approval of recommendations to the DDG (Education), ICAR.

### Joint Advisory Committee Meeting on PGD-ETM

NAARM – University of Hyderabad (UoH) Joint Advisory Committee (JAC) meeting on PGDTMA and PGD- ETM was held on Sept. 28, 2017 under the chairmanship of Director, NAARM. The officials from UoH namely Prof. E. Hari Babu, Prof. S. Jeelani and Prof. C. Raghava Reddy attended the fourth JAC on Post Graduate Diploma in Educational Technology and Management (PGDETMA). Dr S. Senthil Vinayagam, Principal Scientist presented the status report of on PGD-ETM. The committee suggested to put forth approval request to academic council of UoH to launch PGDETMA at

the earliest, to enable the Academy to initiate admission process along with PGDTMA from March 2018.

Dr Manju Gerard, Coordinator PGDTMA gave a brief about the on going batch of PGDTMA. Members from NAARM and University of Hyderabad discussed the progress of the course and also suggested improvements such as online multiple choice questions (MCQ) for all the course Assignment, etc.

## Hindi Pakhwada Celebrations

The Academy celebrated Hindi *Pakhwada* during Sept. 1-14, 2017. Various competitions were organized during the period. Events such as 'Just a minute' and 'General knowledge' competitions were meant for the faculty members. For officers and staff, events like essay writing, jokes, general knowledge, just a minute and memory recall test were conducted. Competition on



presentation skills was organized for FOCARS 106 scientist probationers. PGDMA students of the Academy participated in the jokes competition. All competitions were organized in Hindi. The concluding and prize distribution ceremony of *Pakhwada* was held on Sept. 14, 2017, which was presided by Dr R. Kalpana Sastry, Joint Director, NAARM.

## NAARM Foundation Day Celebrations

NAARM celebrated its Foundation day on Sept. 1, 2017 by its members. Dr Veermani was the Chief Guest on the occasion. He praised NAARM for its notable achievements in capacity strengthening in agricultural research management across national agricultural research system in the country, and advocated to march forward with demand-driven key



programmes Dr Ch. Srinivasa Rao, Director, NAARM presided over the function. The key achievements of the Academy were presented by Dr S.K. Saom, JD, NAARM. All the staff members across the categories participated in the celebrations with much fervour.

## NBA Accreditation of PGDMA programme

The two-year full time Post-Graduate Diploma in Management- Agriculture (PGDMA) programme is successfully running at the Academy since 2009. This is AICTE-approved programme. 211 students (including ongoing two batches) got admission in the course over eight years. In its constant endeavour, the Academy is working on all fronts to create a niche and a brand in the area of Agribusiness Management Education in the country. In this process, the Academy submitted the Self-Assessment Report (SAR) for its accreditation from National Board of Accreditation (NBA)



to validate its quality assurance and continuous improvement. Three-member committee of NBA visited the Academy on Sept. 16-17, 2017 to reaffirm the process, structure and governance of the PGDMA programme. The committee interacted with all the stakeholders i.e., current students, alumni, their parents, recruiters (industry representatives), all the faculty members of the Academy as well as Guest Faculty, technical and administrative staff members. Finally, the PGDMA programme of the Academy got the much-awaited NBA accreditation.

## NAARM PG Alumni Meet

The vibrant and ever-growing PG Alumni of NAARM had its Annual Alumni Meet '*REUNIRSE 2017*' on Sept. 9, 2017. The NAARM PG Alumni meet was attended by total 111 Alumni members. Dr Ranjit Kumar, President of the Alumni, welcomed all the alumni members and faculty in the meeting, and gave a brief report about the Association and its vision for future growth. The annual report was presented by Mr Praveen Shivalli, Joint Secretary, and annual statement of account was



presented by Dr K.H. Rao, Treasurer of the Association. Dr R. Kalpana Sastry, Joint Director and Patron of the Alumni released the e-Souvenir of the Alumni, and gave special remarks on the occasion. Two panel discussions were held during the meet. The topics were: a) Moulding PGDMA to make its first stop for the industry/recruiters, and b) Making of stronger and vibrant Alumni. The Meet ended with a cultural programme by the resident students in the evening.



## SANKALP- Annual Business Fest

The annual business fest- SANKALP'17 was organized by the students of PGDMA of the Academy on August 28-29, 2017. The SANAKLP is an initiative by the PGDMA students. The aim of the SANAKLP is to provide a platform to young management graduates in India, not only to compete with each other but also to learn from each other. Total eight events- *Analytica* (data analysis and interpretation), *Advitiya* (Business Plan competition), *Ad-Nirman* (Integrated Marketing Communication Plan), *Brand Oceania* (Battle of Brands), *Samadhan* (Case Study Competition), *Marketing*

*Catapult* (Prototype Marketing) and two online events - *Darpan* (Quizzing event) and *Ad-Mania* (Ad Making Event) were organized at the campus. More than 200 students from 21 management and engineering students participated in these events. The event was co-sponsored by NAARM PG Alumni, a-Idea, NFCL, Rallis India, Advanta India and the Global Green Company. The winners of the events were given Certificates and Cash Prizes during the valedictory session chaired by Dr Ch. Srinivasa Rao, Director, NAARM, and the Chief Guest Mr. R Rama Murthy, Head AGM (HR), NFCL.

## Faculty / Staff participation in Workshops / Seminars / Symposium

- Dr B. Ganesh Kumar, Principal Scientist participated in the National Consultation on 'Farmers Organizations: Status and Prospects' held at ICAR-NIANP, Bengaluru during 25-26 July, 2017 and co-chaired a session on 'FPOs/FPCs' and offered comments. The programme was coordinated by Dr S. Ayyappan, NABARD Chair Professor and Former Secretary (DARE) and DG (ICAR).
- Dr Manju Gerard, Dr K. Srinivas, Principal Scientists & PGDMA students attended the Annual Summit of Society for Technology Management (STEM) on Sept. 14-15, 2017, Hyderabad.
- Dr D. Thammi Raju, Principal Scientist participated in the interactive meeting on capacity building of stakeholders for effective delivery of Livestock extension services, organized by Sri Venkateswara Veterinary University, Tirupati held on July 4, 2017, and presented on Building Coordination among the actors of Animal Husbandry Sector in Andhra Pradesh.
- Dr P. Krishnan, Principal Scientist participated in the review meeting of the project on "Assessing socio-economic vulnerability of coastal community from Sindhudurg District, Maharashtra" at National Centre for Sustainable Coastal Management, Chennai during Sept. 13-14, 2017.

- Dr Surya Rathore, Principal Scientist participated in the Stakeholder Consultation Workshop on "Sustainable Agriculture: Stakeholders Workshop, TIFAC on July 13, 2017 at ICAR – NAARM, Hyderabad

### Guest lectures delivered

- Dr P. Krishnan, Principal Scientist delivered an invited lecture on "Environmental Governance and EIA Studies" for the IFS officers of 14-16 years of service, as a part of the Mid-Career Training (MCT) held at Indira Gandhi National Forest Academy (IGNFA), Dehradun on 24 Jul 2017.
- Dr Surya Rathore, Principal Scientist delivered a lecture on "Gender Concerns and Strategies for Empowerment of Women – International perspectives" on July 4, 2017 at National Institute of Rural Development & Panchayat Raj, Hyderabad in an International Programme on "Empowerment of Women for Rural Development" under Ministry of External Affairs, Government of India from July 3-30, 2017.
- Dr Surya Rathore, Principal Scientist delivered a lecture on "Doubling Farmers Income: Contribution of Women Farmers" at *Krishi Vigyan Kendra*, Pali – Marwar, Central Arid Zone Research Institute, Jodhpur on August 30, 2017 during a programme on "*Sankalp Se Siddhi*"

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