



हर कदम, हर डगर
किसानों का हमसफर
भारतीय कृषि अनुसंधान परिषद

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Second Green Revolution with New Vision Dimensions



Patna, 25 July 2015. Hon'ble Prime Minister, Shri Narendra Modi, appreciated the initiative of ICAR to celebrate its Foundation Day at Patna, Bihar from where organized agricultural research was initiated first time in the country through establishment of agricultural research institute way back in 1905. He called upon agricultural scientists and planners to design Second Green Revolution with new vision, dimensions and objectives to address the agricultural challenges in this modern era. He reiterated that Second Green Revolution will begin from the land of eastern India which has immense potential in terms of natural resources and willing farmers to take up experiments in fields. Adoption of villages by teams of scientists can bring significant changes in the life of farmers by enhancing productivity, he said. The Prime Minister especially emphasized to extend technologies of honeybee keeping to large number of farmers for enhancing production of honey which commands global market and can be a very successful venture for enhancing income of farmers. He also suggested increasing area under organic farming and vermin-composting. Prime Minister called upon agricultural scientists to work upon saffron, green, white and blue revolutions which signify energy, agriculture, milk and fisheries respectively. Prime Minister launched ICAR schemes 'Farmer FIRST', 'ARYA', 'Student READY' etc. and released soil-testing kit developed by ICAR and distributed to farmers. He also released *ICAR Vision 2050* which presents a roadmap for food, nutrition and livelihood security by 2050 A.D.

The Union Minister of Agriculture, Shri Radha Mohan Singh, assured Prime Minister to realize his dream of Second Green Revolution through network of ICAR Institutions and Krishi Vigyan Kendras which are located in Bihar. The Union Ministers of State for Agriculture, Dr Sanjeev Kumar Balyan and Shri Mohan Bhai Kundariya, conferred 82 ICAR awards under 18 categories, which include three institutions, one AICRP, nine KVKs, 55 scientists, seven farmers and six agriculture journalists. For the first time administrative awards were also given to administrative, technical and skill supporting personnel of ICAR for their outstanding contributions.

Dr S. Ayyappan (Secretary, DARE and Director General, ICAR) briefed achievements of new initiatives and schemes launched by the ICAR in response to Prime Minister's call during his last year.

Mera Gaon Mera Gaurav



New Delhi, 16 July 2015. The Union Agriculture Minister, Shri Radha Mohan Singh, emphasized the need to create awareness among farmers about best practices in the agriculture sector so that at least one village of their home town would be made advanced.

IINRG

Ranchi, 16 July 2015. On the line of initiatives of Union Agriculture Minister, Shri Radha Mohan Singh, Indian Institute of Natural Resins and Gums (IINRG, Ranchi) launched '*Mera Gaon Mera Gaurav*'. The Chief Guest Shri Ram Kumar Pahan, an MLA, showed the green flag to the teams of experts to the four adopted villages namely Hahap, Beradih, Guttidih and Jardih.

Shri Pahan said that adopted village should be an example in the locality so that adjoining villages may be benefitted by the interaction of expert/scientists from this institute. Experts will visit the village along with public representatives to prioritize the constraints faced by the farming community. The experts' team visited all the four adopted villages and interacted with the local farmers.



IISWC

Dehra Dun, 21 July 2015. The Indian Institute of Soil and Water Conservation (IISWC) Research and Training interacted with villagers, elected representatives and weaker sections of *Pav Wala Soda* village and nearby villages to take up technological interventions under '*Mera Gaon Mera Gaurav*' initiatives. Multi-disciplinary scientists and technical officers



of IISWC interacted with the farming community and prescribed improved farming practices with emphasis on integrated farming systems covering crop cultivation, dairy, goatry, poultry, and fish farming and micro-irrigation systems using the water harvesting system being managed by the village *samiti*.

Women-empowerment through skill development

Verbal, 3 July 2015. Under the Tribal-Sub Plan (TSP) of the CIFT, Veraval Regional Centre has handed over six FRP canoes to the tribal fisherfolk of Ukai, Gujarat. The canoe is specifically designed by CIFT for responsible fishing in reservoir. Six FRP canoes fabricated specially for the reservoir fishing by the Institute was handed over to the tribal fishermen.

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Digital India: Power to empower Indian Agriculture



New Delhi, 7 July 2015. In order to transform the entire ecosystem of public services through the use of information technology, the Government of India has launched the 'Digital India' programme on 1 July 2015 with the vision to transform India

into a digitally empowered society and knowledge economy. The Indian Council of Agricultural Research also followed this programme and celebrated 'Digital India Week' from 1 to 7 July 2015 through strengthening its programmes such as 'E-publishing and Knowledge System in Agricultural Research', 'ICAR Data Centre (Tier-III)', 'KRISHI', Knowledge-based Resources Information Systems Hub for Innovations in Agriculture etc.

E-publishing and Knowledge System in Agricultural Research

'E-publishing and Knowledge System in Agricultural Research' (E-PKSAR) is an automated, on-line electronic periodical publishing system maintained by the DKMA. – Indian Agricultural Research journals has 26 research journals from different fields of agricultural/veterinary and fisheries sciences. The key features of e-publishing system are:



- Automation of article processing—online submission to publishing
- Efficient and reliable record keeping
- Paperless processing
- Timely dissemination of Indian Agricultural Research Knowledge
- Archive is having more than 990 issues
- Journals are available in open access for sharing of agricultural knowledge among stakeholders at global level
- In last one year more than 1.2 million page views by nearly 0.12 million users from 203 countries were recorded.

URL: <http://epubs.icar.org.in/ejournal>

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Along with the technology transfer, scientists from the Centre has organized training-cum-skill development programme for tribal fisher-women residing around Ukai Dam. The training dealt with the development of value added products from locally available fishes. The CIFT scientists also



explained the basics of various aspects of best post-harvest practices and hygienic handling of fish and fishery products for quality improvement.

ICAR Data Centre (Tier III)

This has been established at Indian Agricultural Statistical Research Institute, New Delhi to provide unified mail



messaging and web-hosting solutions. Center is empowering ICAR personnel in efficient collaboration and exchange of scientific information among them as well as with other institutions at global level with single identity "ICAR" through unified communication and web hosting solutions.

The offered services are: Unified Communication, Messaging (Web mail and POP), Phone book, Calendar, Schedule meetings, Chat, Presence, Web Conferencing, Video Conferencing including Presentation Sharing, Virtual Machine and Data Storage, and Web-hosting.

KRISHI

Knowledge-based Resources Information Systems Hub for Innovations in Agriculture

- This initiative brings agricultural knowledge resources to stakeholders at one place which includes Experiments, Surveys, Observational studies, Geo-spatial data, Publications, Learning Resources etc.
- Various Information Systems of ICAR can be accessed through this portal which also provides related latest news. URL: <http://krishi.icar.gov.in>



OBITUARY

... shine like a sun

Dr Avul Pakir Jainulabdeen Abdul Kalam (83), the 11th President of India (from 2002 to 2007), a career scientist turned reluctant politician, and recipient of 'Bharat Ratna', 'Padma Bhushan', and 'Padma Vibhushan', passed away in Shillong on 27 July 2015. He showed his vision about Indian agriculture in his 'Thanks Giving Address to



(15 October 1931 to 27 July 2015)

the Nation' on 24 July 2007 after completion of his tenure as 11th President of India. In his words, "I had many unique experiences to share with you, which signify the following important messages: accelerate development: aspiration of the youth, empower villages, mobilize rural core competence for competitiveness, seed to food: backbone for agricultural growth, overcome problems through partnership, courage in combating calamities, connectivity for societal transformation etc."

The Indian Council of Agricultural Research salutes the great scientist who wanted to be remembered as a teacher.