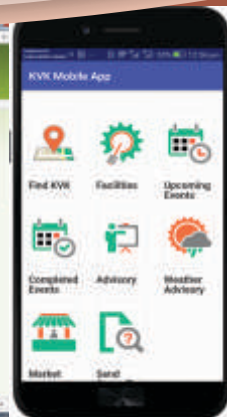


27-28 SEPTEMBER, 2017



Journals Available Online

- Indian Journal of Agricultural Sciences, ICAR
- Indian Journal of Animal Sciences, ICAR
- Indian Journal of Fisheries, ICMR, ICAR
- Indian Journal, ICAR
- Indian Horticulture, ICAR
- Fisheries Technology, Society of Fisheries Technologists (India), CFI
- Journal of Medicinal and Aromatic Plants, Medical and Aromatic Plants Association of India (MAPAI, MAPAI)
- Indian Phytopathology, Indian Phytopathological Society, IPI
- Journal of Horticultural Sciences, Society for Promotion of Horticulture, SHS



Agriculture plays a vital role in India's economy. Over 58 per cent of the rural households depend on agriculture as their principal means of livelihood. Agriculture, despite its declining share in total output (GDP), is also the largest employer. India is a vast repository of agricultural knowledge, skills and technologies.

In recent times, especially with the advent of largely mono-cropped, market oriented farming and associated Agri-food systems as also social situations where the farming community is increasingly ageing and youth are migrating from farming based livelihoods, there is a major threat emerging that agricultural knowledge built over centuries will erode rapidly.

The Indian research and innovation systems that are the backbone of present and future agricultural and Agri-food systems development now need an organized, nationwide approach, a Roadmap, to manage data, information, knowledge and skills available beyond Institutions and Universities. In the recent past, significant investments have been made to manage agricultural information using new Information and Communications Technologies (ICTs) in the research, extension and education systems. These investments can also be used, with modest ramping up, to integrate and manage knowledge from outside these formal systems.

India needs to make the best use of its agricultural knowledge so as to safeguard its Agri-food systems. Not doing so jeopardizes the very progress and future of Indian farming, agriculture, Agri-food systems and food and nutritional security of its people. Agriculture is inherently knowledge intensive activity requiring accumulation, application and transfer of knowledge through various stages. Agricultural research, education and extension produce necessary knowledge for farmers. Information requirements in farming include timely and updated information on new varieties, agricultural practices, livestock care, disease forewarning alerts, weather forecast, market prices, etc. Timeliness and quality of information is paramount. So management of knowledge in agriculture sector has to be taken up on top priority for addressing challenges and uplifting the livelihood of the rural India. There are several avenues through which current information and knowledge management both in the research systems and the larger Agri-food systems can be harnessed into a structured, formal agricultural knowledge management system.

This national workshop aims to define goals for knowledge management in agriculture from Indian perspective and develop a roadmap for achieving them. The workshop would also highlight the role of NARS in management of knowledge in Agriculture in India.



PROGRAMME

Day 1: Sept 27, 2017

Track 1: Present Status and Future Prospects of Knowledge Management

This session will be taking stock of agricultural data, information and knowledge Initiatives in India and a SWOT Analysis of the Current System (One report each from Crop Science, Animal Science, Fisheries, Horticulture, Education, Extension, NRM etc.). This session will also be evaluating the preparedness of the NARS for Knowledge Management with respect to connectivity, human ware, capacity building, funding, and maintenance of infrastructure. This will also deal with the data/information management systems in agriculture.

Track 2: Managing Data, Information and Knowledge Banks for Higher Agricultural Gains

This session will deal with management of enormous data being generated across NARS, their processing, analysis, generation of information and compiling it for knowledge base. Further, the modes of dissemination of knowledge through print, film, television and Electronic media will be discussed.

Day 2: Sept 28, 2017

Track 3: Role of Media and Industry in Knowledge Management

The Industry, government and non-government organizations are contributing significantly towards Knowledge Management. The role of various organizations will be discussed to frame policy for collaborative management of Knowledge.

Track 4: Restructuring the Infrastructure for Knowledge Management

The strategic policies for content development, infrastructure and manpower for Knowledge management in agriculture at ICAR.

Track 5: Plenary Session

This session will be summing up the Workshop discussion along with formulation of recommendations.



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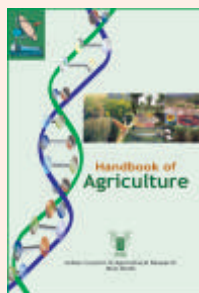
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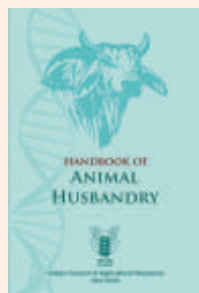
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