

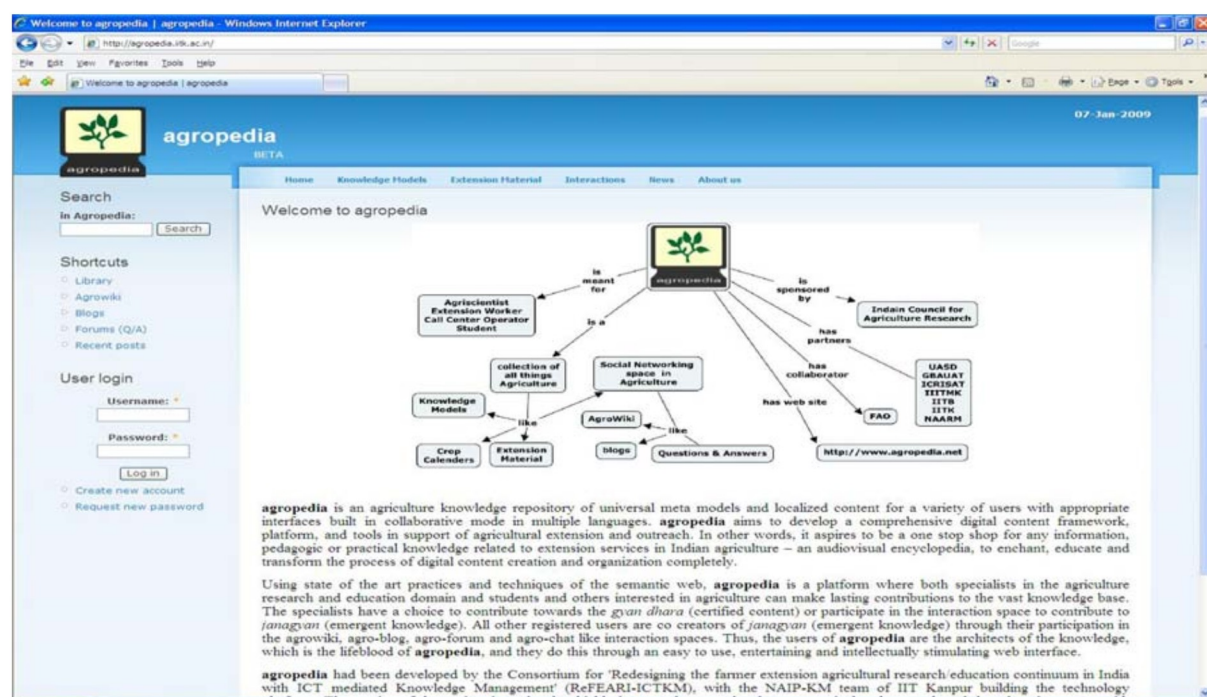


agropedia

The Knowledge Hub for Indian Agriculture



agropedia aspires to be a one stop shop for any information, pedagogic or practical knowledge related to extension services in Indian agriculture – an audiovisual encyclopedia, to enchant, educate and transform the process of digital content creation and organization completely. Using state of the art practices and techniques of the semantic web, agropedia is a platform where both specialists in the agriculture research and education domain and students and others interested in agriculture can make lasting contributions to the vast knowledge base. The specialists have a choice to contribute towards the *gyan dhara* (certified content) or participate in the interaction space to contribute to *janagyan* (emergent knowledge). All other registered users are co-creators of *janagyan* through their participation in the agrowiki, agroblog, agroforum and agrochat like interaction spaces. Thus, the users of agropedia are the architects of the knowledge, which is the lifeblood of agropedia, and they do so through an easy to use, entertaining and intellectually stimulating web interface.



agropedia Portal (www.agropedia.net)

OBJECTIVES

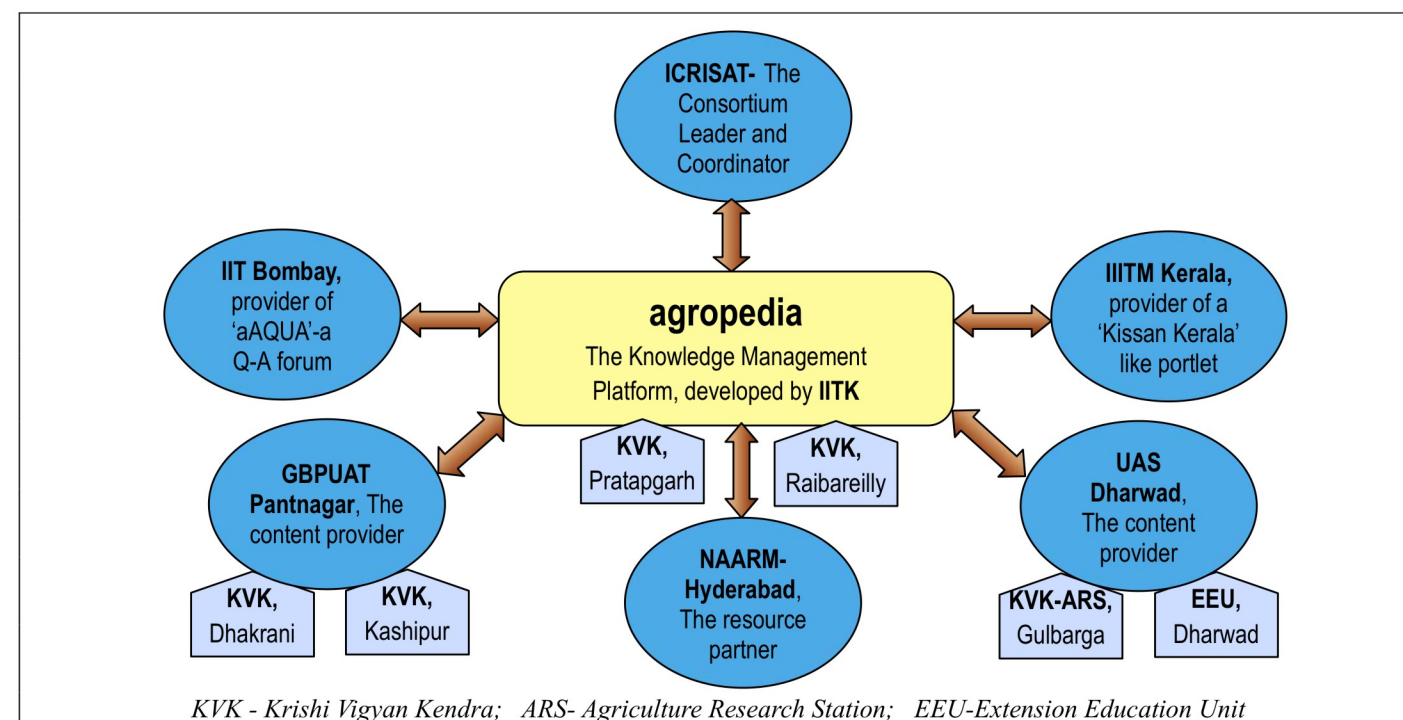
- To facilitate the development of an agricultural knowledge repository
- To build a platform for agricultural knowledge sharing
- To prepare a bridge between Explicit knowledge holders (like agricultural researchers, scientists, experts) and Tacit knowledge holders (like farmers and other field workers)
- To deploy extension services fully for agricultural development

AIMS

- To build a Digital Knowledge Ecosystem in agricultural domain for proper knowledge circulation
- To promote agricultural productivity and hence remove poverty from rural life by providing the right information at the right time
- To smoothen knowledge co-creation and also the research and development process by increasing the availability and the accessibility of agricultural information
- To empower overall economic development

agropedia has been developed by the 'Consortium for Redesigning the farmer extension agricultural research/education continuum in India with ICT mediated Knowledge Management', supported by National Agricultural Innovation Project, Indian Council of Agricultural Research. IIT Kanpur NAIP- KM team has developed the technical platform.

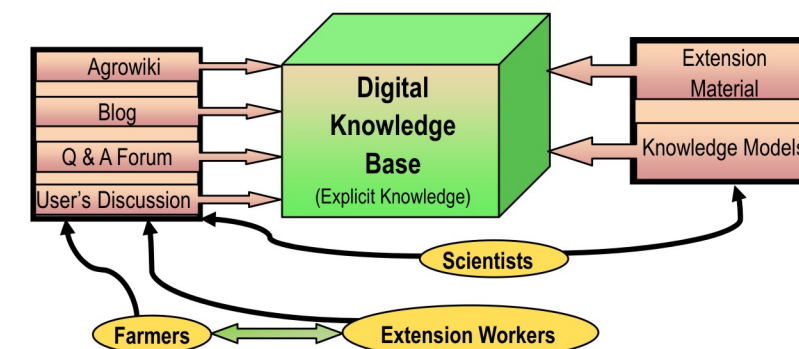
The Collaborative Effort of Different Partners



agropedia Creation Process

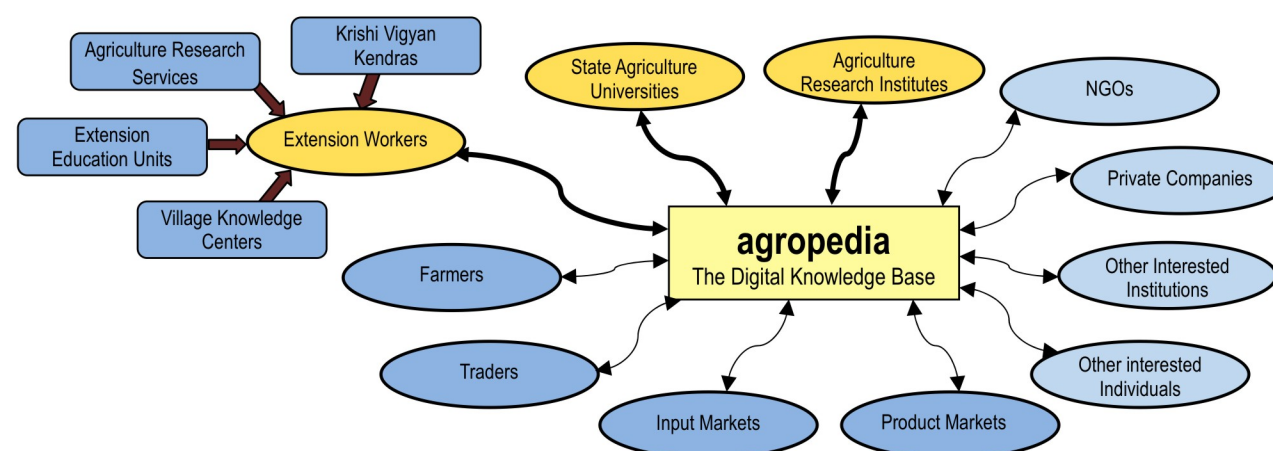
agropedia proposes a new way of knowledge management which includes assimilation, modeling and dissemination of knowledge in the Indian agricultural domain bridging experiential wisdom of the farmers with codified explicit knowledge of the researchers. The three processes to fulfill this purpose are:

i) Content Aggregation



ii) Generation of Knowledge Models

iii) Building an Ecosystem of Agricultural Knowledge



Generic Knowledge Model

agropedia contains a repository of knowledge models, extension material and recent news, provides quick tips about do's and don't's for various crops and the crop calendar at a glance. It is unique as it provides an interaction space in the form of wikis, blogs (including audio blogs) and forums connecting domain specialists in agriculture to each other virtually.

The practice of crop knowledge models has been defined and developed for the first time worldwide to create an architecture for accumulating known codified and approved information about crops, with the support of Food and Agriculture Organisation (FAO), Rome. Nine crops, namely, Rice, Wheat, Chickpea, Pigeon pea, Vegetable pea, Sorghum, Groundnut, Sugarcane, Litchi, have been codified, and the process standardized so that any specialist in the Indian NARS system or abroad, can develop a knowledge model easily and connect it seamlessly to the knowledge base in agropedia for use in extension services or pedagogy.

