

Project Details: NAeG/14-15/00136

Project id -	NAeG/14-15/00136
Name of The Project	Web-enabled Access of Agricultural Information through PC and Mobile Devices
Category of Award Applying for	Outstanding eGovernance initiative by Academic and Research institutions
Date of Launch	26-06-2012
Summary/Objective of the project	<p>Increasing techniques in agricultural production system and huge technical information are difficult to be imbibed by the field extension functionaries and transfer them to the farmers. Further in the situations like outbreak of pest and diseases, weather-forecast etc. the messages need to be transferred to the farmers at the earliest. The technological convergence has provided tremendous opportunities for disseminating agricultural information through Internet and Mobile phone. There has been tremendous application of ICT in industry and business. To take IT-enabled services to the rural masses, National e-Governance Plan was launched by Government of India which not only created IT infrastructure in rural areas but also institutionalised the mechanism for delivery of services through common service centres (CSCs). Scientists of Birsa Agricultural University, Ranchi conceived the idea and formulated a project on Web-enabled Access of Agricultural Information through PC and Mobile Devices which was implemented in collaboration with Centre for Development of Advanced Computing (CDAC), Kolkata. The details could be seen on url www.bau-agriculture.com. The project aimed at attaining sufficiency in information access by the farmers and extension functionaries in respect of adequacy of content, languages of the people and mode of dissemination. Content: Agriculture, Livestock and Forestry. Mode of dissemination: Internet, Mobile, IVRS and off line LCMS CDs Languages: English, Hindi, Nagpuri, Santhali, Mundari, Kurukh and Ho. . Special feature: In the backdrop of feedback from farmers and extension functionaries, some features have been added which are: Agriculture portal (i) Identification of pest and disease on the basis of picture (ii) Recommendation of fertilizer based on soil fertility map (iii) Current market rate from AGMARKNET site (iv) List of input dealers (v) Weather forecast and weather based suggestions Veterinary portal (i) Breed characteristics (ii) General, feed and health management (iii) List of nearest veterinary doctors Forestry portal (i) Non-timber forest product (ii) Medicinal plant (iii) Agro-forestry Specific objectives: 1. Development of portal for agriculture, livestock and forestry domains. 2. Content creation pertaining to agriculture, livestock and forestry in regional and tribal languages for use by the farmers. 3. Development of mobile based agricultural information access system in vernacular through SMS. 4. Pilot demonstration of IVRS for agricultural information access system. 5. Development of Offline delivery tool of the above-mentioned information through LCMS.</p> <p>The beneficiaries of the project are farmers, extension functionaries, Krishi Vigyan Kendras and Non-Government Organisations (NGOs).</p>
Beneficiary of the project	
Details of Project Head	
Name	Dr. Basant Kumar Jha
Designation	Assistant Professor (SS)
Gender	Male
Address	Department of Agricultural Extension Education Faculty of Agriculture BAU, Ranchi, Kanke, Ranchi-834006
Pincode	834006
State	Jharkhand
Phone Number	06512450626
Mobile Number	9430393445
Email-ID	basantbkjha@gmail.com
Details of team members, if any, other than Project Head:-	
Name(1st team member)	Dr.(Ms) Niva Bara
Designation(1st team member)	Associate Professor
Name(2nd team member)	Dr. A. K. Pandey
Designation(2nd team member)	Univ. Professor
Name(3rd team member)	Sri Jai Kumar
Designation(3rd team member)	Assistant Professor
Name(4th team member)	Sri Ritesh Mukherjee

Designation(4th team member)

Principal Engineer

Name(5th team member)

Sri Debdulal Basak

Designation(5th team member)

Principal Engineer

Name(6th team member)

Designation(6th team member)

Supporting documents:-

[Award Specific Form](#)

[Self Certification by the Project Head](#)