Project Details: NAeG/14-15/00128

Project id -	NAeG/14-15/00128
Name of The Project	Circle level SMS based rainfall recording and analysis
Category of Award Applying for	Innovative use of mobile technology in eGovernance
Date of Launch	01-06-2013
Summary/Objective of the project	Summary: The project is a web based daily rainfall recording system implemented across 2065 circles of Maharashtra. Rainfall data is captured by Circle officer by sending SMS in predefined format and saved directly to the server. Data monitoring tools are provided to check and update non-reported data. Analytical reports and queries are provided for daily rainfall related decisions. Use of GIS maps is made for effective presentation of rainfall data. State map with tehsil boundaries and all 35 district maps with circle boundaries showing intensity of rain are available on the fly to the end user. Objectives of the Project: - Availability of real time rainfall data on daily basis from circle level - Preparation of rainfall analysis to be used by all State government departments - Planning of agriculture activities such as daily sowing, movement of fertilizers, pesticides and seeds - Simplified rainfall data collection and storage - Availability of data in public domain - Availability of past data for statistical analysis and representation of the data over GIS maps
Beneficiary of the project	1.Government officials, Ministers, Secretaries During monsoon, the weather conditions are changing constantly. There is a lot of variation in the type and quantity of rainfall received within the different parts of state. The rainfall received affects many aspects of agriculture based economy, such a vegetable and food prices, agriculture commodity prices, availability of fodder for livestock as well as availability of water in the dams (for drinking, irrigation as well as industrial use). Accordingly, the government needs to take tactical and policy decisions. The maharain website exactly the same information and reports required by government officers and ministers for efficient and informed decision making. 2.Farmers/Citizens Farmers/citizens have access to daily rain information since 1997 as well as current rainfall readings 3.Statisticians, students, researchers The website has rainfall reading since 1997, which can be used as input for various research purposes e.g. Building weather prediction models and for agro-climatic research, to name just a few. The website also has the rainfall database categorised under heavy, normal and dry spell and their representation on maps. 4.Private agencies such as agriculture input manufacturers (seed, fertiliser, pesticides) Fertiliser, seed and pesticide manufactures can predict demand based on historic rainfall and by following the current rainfall. They can plan inventory levels, stock keeping units and sales strategies.
Details of Project Head	
Name	Dr Umakant Dangat IAS
Designation	Commissioner, Agriculture
Gender	Male
Address	Central Building, 3rd Floor Opposite Collector office Pune
Pincode	411001
State	Maharashtra
Phone Number	2026126150
Mobile Number	8975011900
Email-ID	dydirproject.pune@agri.maharashtra.gov.in
Details of team members, if any, other than Project Head:-	
Name(1st team member)	Anil Bansode
Designation(1st team member)	Chief Statistician, Commissionerate of Agriculture
Name(2nd team member)	Vijay Deshpande
Designation(2nd team member)	Technical Director, NIC Pune
Name(3rd team member)	Satish Sandbhor
Designation(3rd team member)	Assistant Superintendent, Statistics Section
Name(4th team member)	
Designation(4th team member)	
Name(5th team member)	

Designation(5th team member)

Name(6th team member)

Designation(6th team member)

Supporting documents:-

Award Specific Form

Self Certification by the Project Head