Abstract

The agricultural sector in India has challenges, such as requirement for increase of food production and produce. In addition, the agricultural sector has important effects due to global factors and rapid changes. These truths show that there is great necessity for information technologies (IT), which can be used to handle the challenges and changes and to progress agricultural production and marketing. Though, in India, the power of IT is not fully exploited in agriculture. Execution of IT in agricultural segment and rural parts is slow in comparison to the other sectors of the economy where IT has been implemented at rapid speed. The e-Krishimitra tool has been developed using information and communication technology to make the life of Indian farmers easy. The tool provides various services like location-based service, Best crop suggestion, Crop disease diagnosis, guidance for government scheme and regional language support. Only the tool development is not sufficient, but the effectiveness of the tool should be evaluated to know whether it is used by maximum population or not. This paper presents detailed results of
usability evaluation of e-Krishimitra tool.

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**Index Terms**

Computer Science            Information Sciences

**Keywords**

Digital Media, Agriculture, Usability, Agricultural Services, Usability Evaluation.