



## A REVIEW

# Monitoring and evaluation using digital tools

R. Nagarjuna Kumar\*, C. A. Rama Rao, B.M.K. Raju, Josily Samuel, G. Nirmala and B. Sailaja<sup>1</sup>  
Central Research Institute for Dryland Agriculture, Santosh Nagar, Hyderabad (Telangana) India  
(Email: [rnagarjunakumar@yahoo.com](mailto:rnagarjunakumar@yahoo.com))

**Abstract :** Data collection and monitoring and evaluation (M and E) efforts will take a remarkable deal of time and methodical planning and implementation. In the past, these were finished with paper and pen, which made them susceptible to error, difficult to conduct on a big scale, and immoderate in transaction charges. Information and communication era (ICT) tools, which includes hardware like mobile phones and tablets, applications with the functionality to create digital surveys and software programme application that allows clients to upload the data to storage facilities have reduced the conventional annoying conditions associated with far off data collection and M and E. New knowledge base does not or takes too long time to reach to the farmers, and the needs of practical farming are not communicated sufficiently to the research community. Thus, new collaborative strategies and ICT may be crucial tools to remedy some of the gaps with the useful resource of the use of improving get right of entry to to consequences, know-how trade and communication further to upkeep and schooling. This paper summarizes how digital tools can play major role in extension for monitoring and evaluation and the key troubles, annoying conditions and experiences derived from literature and different case studies.

**Key Words :** Monitoring, evaluation, ICT, Digital survey, Knowledge, Extension system

**View Point Article :** Nagarjuna Kumar, R., Rama Rao, C.A., Raju, B.M.K., Samuel, Josily, Nirmala, G. and Sailaja, B. (2021). Monitoring and evaluation using digital tools. *Internat. J. agric. Sci.*, 17 (2) : 765-774, DOI:10.15740/HAS/IJAS/17.2/765-774. Copyright@2021: Hind Agri-Horticultural Society.

**Article History :** Received : 06.03.2021; Accepted : 21.03.2021

---

\*Author for correspondence:

<sup>1</sup>Indian Institute of Rice Research, Rajendra Nagar, Hyderabad (Telangana) India