



**Epitome : International Journal  
of Multidisciplinary Research**

**ISSN : 2395-6968**

**Effectiveness of Hands-on-Training on the Application Software Tools among  
Teachers at Higher Education Institutions**



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## **ABSTRACT**

*Teachers of 21<sup>st</sup> century learners pursue continuous professional learning and are aware of using technology that would enhance their academic and administrative capabilities. The focus of the five day hands on training on Application Software Tools was organised by School of Education sanctioned under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) scheme by the MHRD, Government of India at Manonmaniam Sundaranar University, Tirunelveli was intended to enhance the foundation skills of the Teachers at Higher Education Institutions (HEIs) to use the technology through software swiftly, efficiently and as effectively as possible to ensure participative teaching and blended teaching learning process. The present paper evaluates the effectiveness of Hands on Training on Application Software Tools in imparting knowledge and training for efficient application of software technology in teaching learning practice among Teachers at HEIs. Pre-test post-test single group design was adopted to evaluate the effectiveness of the training programme on imparting know-how of ICT, to acquaint and familiarize the skills in application package*

*of MS office, creation of mobile applications and web 2.0 tools in teaching learning process. The subjects for the study were 15teacherparticipants from HEIs of the training programme. The data was collected using an 'Achievement Test on Application Software Tools' developed and validated by the investigators. The forty hours of intensive lectures and hands on training on application software tools were rendered by five renowned resource persons were the intervention. The paired t-test analysis the study revealed that training programme created significant impact on the hands on performance of the participants in application software tools namely MS office, mobile applications and web 2.0 tools.*

## **KEYWORDS**

*Blended teaching learning process, Teachers at Higher Education Institutions, web 2.0 tools, MS office tools, mobile application, and Effectiveness of training programme.*