

APLICAȚIILE PENTRU SMARTPHONE ÎN INGINERIE: EXPLORAREA LATURII EDUCAȚIONALE

SMARTPHONE APPS IN ENGINEERING: EXPLORING THE EDUCATIONAL SIDE

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Abstract: The study highlights the phenomenographic analysis of the students interest in the Smartphone Apps use in order to enhance their learning. The study is conducted on the students from the final year of Manufacturing Technology. The study idea is centred on the interest the students manifests in taking advantages from the "world of knowledge" they have in their hand. The research purpose is to reveal the interest of the students in using the smartphone Apps to support the academical learning. The initial findings, obtained through questionnaires, were explored through interviews. The outcomes of the study highlights that: phones are primarily used as a means of communication/socialization although all participants in the study possess smartphone. Participants are not aware of the enormous potential (to support learning BUT not only learning) that today's technology delivers in a compact, mobile form, available regardless of location and at a very low cost. However they manifests availability and willingness to use applications when they are shown. Appreciates integration of applications at class and shows interest and involvement in solving the tasks. The study highlights the opportunity of integrating applications into the educational process.

Keywords: Manufacturing engineering, smartphone applications, academic education