

Design and Implementation of Engineering Education Knowledge Service Platform

HUIJUN TIAN, TSINGHUA UNIVERSITY, China, JIAN GUAN, MOOC-CN Information Technology Co.Ltd., China, ZHENGWEN LI, TSINGHUA UNIVERSITY, China and XIAODONG ZHU, MOOC-CN Information Technology Co/Ltd., China

Blended learning

The development of information technologies, the transformation of information service and the global trends of education are affecting every aspect of human society deeply, which also transform traditional education towards the era of knowledge service and intelligence education. In this context, this paper firstly analyzed the significance, strategic objectives and positioning of Engineering Education Knowledge Service (EEKS). Then, it instructed the service model, business framework and technical architecture of EEKS, and illustrated the effectiveness of the knowledge services using a MOOCs-based blended learning project as an example. Lastly, the roadmap and future work to further promote the EEKS platform and enhance its value are discussed.