ABSTRACT

The topic of the bachelor's thesis „Digital technologies of image record“ are digital technologies of the image record in a broader general view, describing principles of image capturing devices, describing functions and technical solutions of these devices. The basic aim of this thesis is to identify and to analyze functional and aplicational options of contemporary digital technologies for image record, especially in the context of their use by students and teachers – according to the achieved progress in image recordig and digital technologies succeeding the analog ones. Analysis of functional and aplicational possibilities of contemporary technologies is here set as a starting-point to indicate directions of technology development and progression in the near future. Mainly, aim of this thesis is to show and to describe every aspect of digital image record technology and by this to contribute to the information basis development of students and teachers dealing with these technologies. Content orientation of the thesis lies in history and development of both static a dynamic image record, respectively in history and development of the image record presentation, digital image record characteristics, image recording devices specifics and prediction of perspectives and directions of development of the near future digital image record technologies usage.