



EEG ATTENTION AND MEDITATION RESPONSES OF STUDENTS ON DIFFERENT PRESENTATION SLIDE COLORS

Hakan Aydogan
Usak University
Department of Electricity and Energy
TURKEY
hakan.aydogan@usak.edu.tr

Selma Demirtas Aydogan
Usak University
Department of Accounting and Taxation
TURKEY
selma.demirtas@usak.edu.tr

Abstract

In this study, five presentations have been created and each of them has been included one presentation slide in which the same context with the different font colors and background colors. Black-White, Black-Red, White-Black, Yellow-Black, Yellow-Red as the first for the background color and the second for the font color respectively. Thirty-five students have been divided into five groups of seven each randomly. While the addressed presentation slide has been showed to the students of each group, attention and meditation levels of the measured EEG of the students have been recorded, investigated and evaluated. The best average attention level has been found in yellow background color and black font color in the presentation slide.

Keywords: EEG, attention, meditation, presentation, color.