

## **Annotation**

On the diploma work of student of 6-th course, group OF-41s, FMF, KPI

**Vaschenko Volodimir Evgeniyovich**

on theme: «**Applying of IT to EIE Preparation of Secondary School Graduates  
(Based on the Topics: magnet field, electromagnetic induction)**»

*Relevance:* It is important to use modern information technologies to improve effectiveness of process to get second school graduates ready to pass EIE.

*Formulation of the problem :* the experiences of previous years shows that usage of IT makes studying process much more better. While mobile technologies evolved, child began to spend lots of time using cell phones, that's the main point why mobile application, which helps graduates be well prepared for EIE in physics, will actually gain high results in comparing with other sources of studying.

*Ways of problem solving :* to make mobile application usable we had compose an electronic summary which includes short but understandable theory in all themes and visual illustrations (pictures, schemas, animations, video films). Lots of tests tasks, compare tasks and examples of solving tasks were picked and explained.

*Results and conclusion :* mobile phone was tested on students of group OF-41s, and students agreed that developed way of EIE preparation was presented at a successful level of assimilation sciliced is easy to use, available, systematic and filled with interesting visual material.