

Annotation

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

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on theme: «**Applying of IT to EIE Preparation in physics of Secondary School Graduates (Based on the Topics: mechanics, energy, power)**»

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

Problem: previous experiments have shown that the use of information technology significantly improves the educational process. With the development of IT children spend more and more time using computer, that's why online system of studying Moodle which helps be well prepared to pass EIE in physics will definitely has great results in comparing with other approaches of studying.

Solutions to the problem: in order to make preparation mostly comfortable, we had compiled an electronic summary, which includes a brief but meaningful information on each topic and visual illustrations (pictures, diagrams, animations, video films). Test tasks like choosing one correct variant, compare to and examples of solving tasks were picked and explained.

Results and Conclusion: starting from the goal of the diploma project and realization of posed problem the scientific and methodological material was composed and it is aimed at self- and productive preparation of secondary school graduates to pass EIE. Both Development of scientific and methodological material and solving tasks were done accordingly with requirements based on psychological and pedagogical and scientific and methodological literature, official educationally-scientific sources, mass media and course of general physics for second school.