

INDEPENDENCE WORK OF UNIVERSITY STUDENTS AS ACMEOLOGICAL PROBLEM IN LEARNING PROCESS (ADVANTAGES AND DIASADVANTAGES)

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ABSTRACT: THE MAIN TASK OF UNIVERSITY EDUCATION IS TO FORM CREATIVE PEOPLE, WITCH TO BE ABLE TO SELF-EDUCATION AND INNOVATION ACTIVITIES. THEREFORE, DURING THE TRAINING OF STUDENTS APPLY AKMEOLOGICAL APPROACH TO REACH ITS PEAK OF DEVELOPMENT. TO ACHIEVE THIS IN THE LEARNING PROCESS OF STUDENTS APPLY INDEPENDENT WORK.

THE **PURPOSE** OF THIS RESEARCH IS TO IDENTIFY THE ADVANTAGES AND DISADVANTAGES OF STUDENTS INDEPENDENT WORK AND IT USED IN THE LEARNING PROCESS AS A METHOD OF TRAINING TO ESTABLISH WHETHER IT COULD BE CONSIDERED AS AKMEOLOGICAL PROBLEM. FOR THE REALIZATION OF THIS STUDY IS IDENTIFYING THE MAIN FEATURES AND STAGES OF INDEPENDENT WORK.

RESEARCH AND SYSTEMATIZE OF THE THEORETICAL FORMULATION THAT IS JOINING WITH THE PROBLEM FOR INDEPENDENT WORK OF STUDENTS IN THE EDUCATION. IDENTIFY THE BASIC FUNCTIONS OF INDEPENDENT WORK AS AKMEOLOGICKAL PROBLEM IN THE TRAINING OF STUDENTS. CONDUCTING A SURVEY FOR USE OF INDEPENDENT WORK IN THE TRAINING PROCESS. ON BASED OF THE RESULTS ARE DEFINED ADVANTAGES AND DISADVANTAGES OF INDEPENDENT WORK IN THE TRAINING PROCESS.

KEY WORDS: INDEPENDENT WORK, TRAINING PROCESS, UNIVERSITY STUDENT'S EDUCATION

THE dynamic development of technology requires rapid adaptation of same society. This in turn requires the education system to prepare people having ready for lifelong learning. Compliance of this requirement is realizing through sufficient autonomy of every person to own and social development after interruption of his formal training at school or university.

The main task of university education is to form creative people, witch to be able to self-education and innovation activities. Therefore, during the training of students apply akmeological approach to reach its peak of development. To achieve this in the learning process of students apply independent work.

AUTONOMY is a characteristic of the intellectual activity of each person and can be seen as a quality of personality.

ONE of the main prerequisites for the formation of readiness for autonomy and self-development is the introduction of independent work with students during their studies at the university (Sillaste, 2013).

THE purpose of this research is to identify the advantages and disadvantages of students independent work and it used in the learning process as a method of training to establish whether it could be considered as akmeological problem. For the realization of this study is identifying the main features and stages of independent work.

To achieve of this purpose is solved **tasks** as:

- Research and systematize of the theoretical formulation that is joining with the problem for independent work of students in the education.
- Identify the basic functions of independent work as akmeological problem in the training of students.
- Conducting a survey for use of independent work in the training process.
- On based of the results are defined advantages and disadvantages of independent work in the training process.

THEORETICAL FRAMEWORK OF THE STUDY

DEFINITION of “independent work” is a very complex and varied process. Depending on its purpose and its place in the learning process, it can perform different functions and therefore on this reason no uniformity in the interpretation and use of independent work as a term.

IN the pedagogical literature, interpretation and application of independent work in the training process is different. For example, some authors consider and accept it as “form of organization”; others as a “method of training”; third as a “learning tool” and etc. Some authors accept independent work as artificial pedagogical structure through which are organized the activities of the students, both in lesson form and in the performance of practical exercises (Vyatkin, 1978; Kovalevskii, 2000; Meyer, B.).

REGARDLESS of the different interpretations of this concept applied in the educational process it is a kind of learning activities which could be organized in different ways and at different times in the training process. It is a purposeful process that is organized and implemented during training to address specific educational and cognitive tasks.

INDEPENDENT work is characterized by its purpose and organization. It is carried out with various methods and tools implemented in the context of the lesson or outside, subject to the basic tasks that are revealed in the training.

IN pedagogical literature (Zenkin, 2009; Meyer, 2008) there are three types of independent work according to the nature and characteristics of cognitive activity that is intended:

- Template – performed to a model or algorithm for use by the teacher.
- Reconstructive – make sense and modification of structures technologies.
- Multivariate – a manifestation of creativity.

THE implementation of that type of independent work is performed by the following steps:

- Defining the problem that will be developed independent work.
- Survey of literature.
- Planning and organization of independent work.
- Structuring and shaping independent work.

- Summary and analysis.

THE use of independent work in the learning process of students has six functions: information, developing, research, organizational, creative and orientation (Table 1).

Table 1 *Functions of independent work*

Main functions of the individual work	
Information	<i>Detection and awareness of different information in a problem</i>
Developing	<i>Developing thinking and viewpoints</i>
Research	<i>Analysis of various posts copyright (exploring different studies) on the given topic</i>
Organizational	<i>Parenting organizational culture expressed in time, money, etc.</i>
Creative	<i>Opportunity to express their opinion on a given issue; compilation of tables, diagrams, etc.</i>
Orientation	<i>Orientation in the professional field of career development</i>

METHODS OF STUDY

FOR the purpose of this study is selected survey method because it allows for a short time and at low cost to study groups.

Conducted a survey with students thought that is exploring advantages and disadvantages of independent work in the learning process that is writing to the consultation.

THIS survey is done with total 136 students from different courses and different specialties. It is consisted of open questions filling that they are anonymous. The questions in investigate are constructed to the following criteria:

- **Need in the learning process** – research point of view of students for the degree of need by independent work in the learning process.
- **Development of thinking** – examining students' opinion about the possibilities of independent work of thinking – how it works and in what direction.
- **Establishment of organizational behavior** - exploring the possibility of independent work for the formation of organizational behavior expressed in timing and placement of priority tasks.
- **Implementation of individual work in class** - Student opinion survey of the meaning of independent work in class.
- **Developing a sense of responsibility** - study the possibility of self independent work for the formation of a sense of responsibility to solve the problem posed to the study area.
- **Satisfying the information needs** - assessing the quality of information provided to them during lessons in classes.
- **Satisfaction with educational content in the performance of independent work** - evaluation of the studied material by acceptance or rejection relative to the future work of the students and their career development.

MEASUREMENT scale to assess the responses to each question in the survey is shown separately in Table 2.

Table 2 Scale for assessment

Answers :	assesses:
Not	-1
I can not decide	0
somewhat	1
Yes	2

STUDY RESULTS

PROCESSING of the results of the survey with students is through quantitative analysis.

THE data in Table 3 show the following trends: the highest values ($\bar{x} = 1.89$) in students said the first two criteria. The results show that independent work is necessary in the learning process and develop thinking. This establishes the values and the variance of the responses $\sigma = 0.10$. These values show the least differences of opinion between students of these criteria.

Table 3 Data from the study

Nº	Criteria for assess	N	Sum	\bar{x}	S	σ
1.	Need in the learning process	136	257	1.89	0.31	0.10
2.	Development of thinking	136	257	1.89	0.31	0.10
3.	Establishment of organizational behavior	136	78	0.57	1.15	1.33
4.	Implementation of individual work in class	136	139	1.02	1.10	1.21
5.	Developing a sense of responsibility	136	86	0.63	0.76	0.57
6.	Satisfying the information needs	136	254	1.87	0.34	0.12
7.	Satisfaction with educational content in the performance of independent work	136	237	1.74	0.56	0.31

LITTLE by lower values ($\bar{x} = 1.87$) were observed in the sixth criterion, which shows that the use of independent work satisfy the needs of students of information. Of values $\sigma = 0.12$ observed small differences in their views on these criteria.

LOWEST results were obtained on the third and fifth criterion ($\bar{x} = 0.57$) and ($\bar{x} = 1.02$). This shows that homework does not help students develop better organizational behavior and a greater sense of responsibility in general.

FIGURE 1 shows that the criteria with the highest values 89% of the respondents are of the opinion that self-employment is necessary in the learning process and develop their thinking and by 11% somewhat.

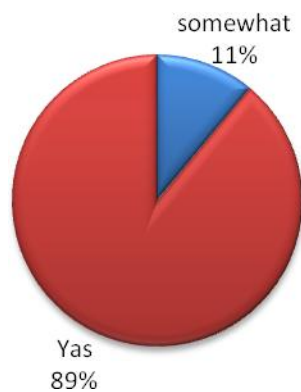


Fig. 1 Need for independent work in the learning process and the development of thinking through it

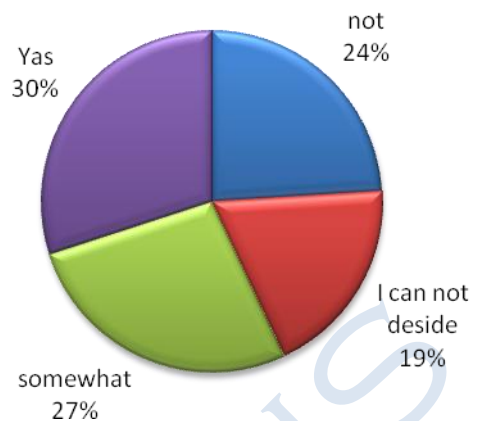


Fig. 2 Formation of organizational behavior

THE results for the criterion with the lowest values are shown in Figure 2 of 136 students surveyed only 30% indicated that self work formed the organizational behavior and a slightly smaller percentage (24%) indicated that they did not form their organizational behavior.

FIGURE 3 shows the trend of a criterion based on the data of the arithmetic mean of the table 3.

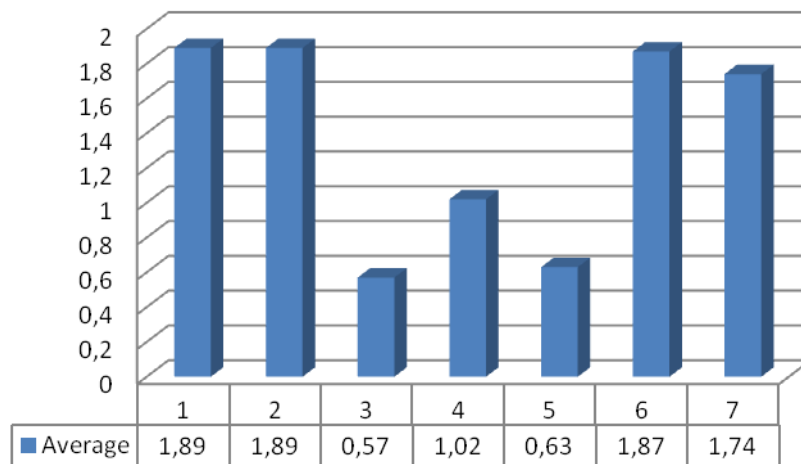


Fig. 3 Distribution of average value of each criterion for assessment of independent work

CONCLUSIONS

THE summarized results of the study show a positive attitude on the part of students to apply for independent work in the learning process. Independent work in the learning process is a good factor for the formation of readiness for self-development, then when it is very well assessed by the teacher in the direction of its complexity. It can be used method of training, but not in the complete absence of the teacher. In the opinion of the respondents independent

work must be given after completion of the classes in a given discipline in order to be properly utilized and considered the information submitted.

ONE of the main requirements of independent work as a method of training is to be set after the sessions, not during them carried out, to properly be absorbed and meaningful information required by that will be realized.

ADVANTAGES OF INDEPENDENT WORK IN THE LEARNING PROCESS ARE:

1. Developing thinking.
2. Provoked the interest of students in the study area.
3. Enrichment of knowledge and skills in the area.
4. Enhancing cognitive activity.
5. Ability to express own opinion or expression of creativity.
6. Expanding horizons.
7. Improving the quality of education.
8. Forms personality as logical thinking skills to search for information, selectivity, analysis and summarizing etc.

DISADVANTAGES OF INDEPENDENT WORK IN THE LEARNING PROCESS ARE:

1. Implementation of the tasks with other people
2. Cheating instead analysis of literature
3. Misunderstandings of information on the use of some literature
4. Lack of precision in definitions and transfer of foreign words in the pedagogical literature.

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