

Professional Education of Students in College

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Abstract: Changes taking place both in society and in the field of education are forcing educational institutions to look for new ways to teach modern graduates. One of these ways is the improvement of professional education. This is especially important for college students. In the article, the authors highlight the role and essence of modern professional education, as well as the authors' definition of the concept of "professional education", emphasize how it differs from traditional education in its features. The level of preparation of future graduates as a whole depends on the literacy of its construction. The purpose of the work is to build a model of professional education of students which can be applied in Russian colleges. In the article, the authors cite a study that reveals a survey of students of Nizhny Novgorod colleges, which showed insufficient satisfaction with their professional education in the colleges of the city of Nizhny Novgorod. The received data served as the basis for developing a model of professional education for students. We developed a number of activities on its basis to expand professional education activities and improve student training.

Key words: professional education, graduates, college, students, model of professional education.

I. INTRODUCTION

The complex social processes taking place in modern society as a whole and in education in particular rose the problem of forming the personality of a young worker - a professional who acts as a direct producer of wealth, as an essential resource for enhancing the country's professional and cultural potential.[1] That is, the sustainability of the development of production and social relations depends on the level of formation of the personality of the young worker. The formation of such graduates occurs in the conditions of constant changes in production technologies, strengthening their knowledge-intensiveness, which requires the employee to have flexible professional adaptation, a new vocational psychology and a new level of culture. Possession of a profession in a market economy is one of the most important means of protection of a person, his social self-assertion and self-realization. The competitiveness of the worker now depends not only on the breadth and quality of his professional knowledge, but also on his high professional culture, professional education, and professional competence.[2]

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The development of education in the education system of Russia in recent years has rightfully become one of the priorities in the activities of the Ministry of Education of Russia, education authorities of the constituent entities of the Russian Federation, educational institutions of all types and kinds. Educational institutions of secondary vocational education should form for the society specialists who possess not only a broad general outlook, but also professional mobility, the ability to quickly adapt to new production conditions. Often, colleges do not pay enough attention to the professional education of students, however, thanks to this very direction, the formation of a highly qualified professional takes place more intensively in modern conditions. The relevance of the work is to create a model of professional education of college students for the formation of competitive specialists in a constantly changing educational and socio-economic conditions

II. LITERATURE REVIEW

The concept of «professional education» appeared in the middle of last century and is characterized by a positive emotion-ally-colored attitude to the profession, high results of productive work and a stable business career according to the work of re-searcher N.F. Heyzhan. N.N. Dyachenko singled out the main task of professional education as the education of spiritual, moral and professional qualities that contribute to the success of professional activity in a particular area of production.[22]

Defining methodological approaches, choosing pedagogical concepts that should be taken as the basis for developing a vocational education system in a college, one should pay attention to: an integrated approach (assumes that all components of the educational process: goals, tasks, activities of the educated, forms and methods of education) are coexist in a complex, allowing you to set new goals based on the achieved; axiological approach (value), on the basis of which the system of value orientations manifests itself in the system of relations between educators and pupils; philosophical and anthropological approach, which is based on the idea of a person as an object of education, as a developing and educating person.[20] According to this approach, V.A. Karakovsky and L.I. Novikov - the goal, subject and value of education - man and his being in the world.[3]In general, professional education is interpreted differently by scientists.[4] On the one hand, it is viewed in a broad sense as an area of pedagogical activity, and on the other, it is a specially organized and controlled process of attracting students to professional work in the course of professional development as a subject of this activity.[19] In the first case, this area includes several components: features of vocational training, the formation of a conscious attitude to work, social and professional orientation of young people, and professional mobility.

[6] Thus, the essence of professional education, in contrast to the traditional, aimed at the knowledge of values and erudition in the field of culture and art, consists in gaining students the ability to be successful and in demand in the profession, while maintaining the best human qualities.[5]

We refer to the social results of educational activities: the lack of an increase in the number of students registered with the internal affairs agencies; participation of external organizations in socially significant projects and promotions, their involvement in the implementation of college pro-grams.[24] The most significant positive results of the educational activities of the college include: the positive behavior of the majority of students in relation to themselves and others, high readiness for joint activities, the establishment of communications.[26] Most students are characterized by an average or above average level of adaptation to the requirements of the social environment (lack of aggressive, unlawful, self-destructive inclinations, ability to regulate their behavior and emotions, ability to act responsibly, independence, social activity, culture of behavior and communication) [25]; stable participation of teachers and students in conferences, competitions, forums, pro-motions.[27]

In the scientific literature, the essence of the concept of “professional education” is usually associated with the formation of professionally important qualities that tend to change each time depending on the future profession.[7] N.M. Borytko argues that professional education is an activity for managing the process of a person’s professional and personal development, which includes mastering the norms of society and the profession, as well as creative self-development and professional and personal self-assertion.[8] The main purpose of vocational education in college is the preparation of a professionally and culturally-oriented person who possesses the worldview potential and abilities for professional and social creativity, has the skills to perform professional tasks.[18]

Based on the materials studied by various scientists, we derived our own definition of the concept of “professional education” and will use it in our work.[21] Professional education is a purposeful process of shaping the personality of students, preparing them for professional activities and developing professionally important qualities

III. MATERIALS AND METHODS

We conducted a survey among students in colleges in Nizhny Novgorod. Several colleges participated in the survey. Respondents answered the question «In your opinion, is professional education developed in your college?». The survey was held electronically in 2017. At that time, the survey results showed low student satisfaction with professional education. Therefore, we have developed a model of professional education and on its basis built a complex of events, which is designed to expand the activities of colleges for vocational training of students. In 2018, a survey among students was again conducted, according to which we established the need to introduce the proposed developments into the activities of the college.

IV. DISCUSSION OF RESULTS

For the formation of a future professional specialist, it is important in educational work to identify areas, among which we assign a special place to the following: social and

moral direction (mastering basic social norms, universal human values, formation of civil and patriotic consciousness); general – intellectual direction (pupils mastering basic concepts about effective ways of thinking in relation to solving a problem, to other types of analytic – synthetic activity, mastering general scientific methods of cognition); general cultural direction (pupils assimilation of general aesthetic concepts, concepts related to the artistic and imaginative way of knowledge, environmental concepts that allow a person to manage their health, physical and creative development and self-improvement).[9] One of the most important goals of vocational education is the adaptation of first-year students and non-resident students to the conditions of college life, with the goal of entering the educational environment of an educational institution.[13] Among the goals there is also the stimulation of the process of self-knowledge, motivation to work, professional career and skills of professional behavior in the conditions of intraprofessional and interprofessional competition in the labor market.[14] The whole process of education in a college should be built in accordance with the stages of the process of forming and designing a specialist’s personality: the stage of forming professional intentions, the stage of vocational education, the stage of professionalization and the stage of.[15,17] Thus, in professional education, the emphasis is shifted towards the implementation of such a personality model, which can independently adapt to the changed socioeconomic conditions.[16]

In 2017, we conducted a survey in several colleges in Nizhny Novgorod «Do you think that professional education is developed in your college?». Its results are shown in Figure 1.

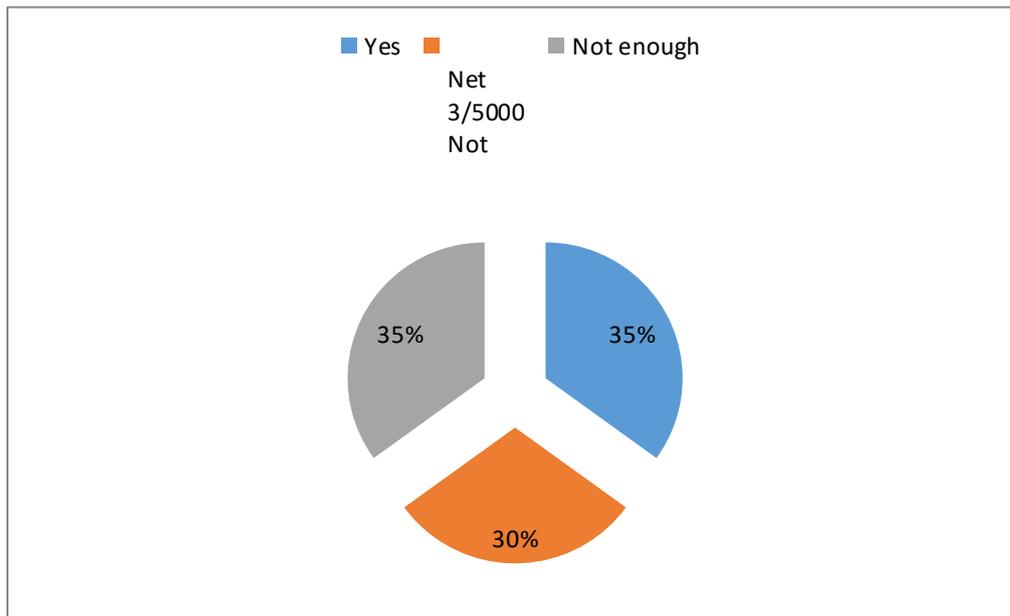


Figure 1. The results of the answers of college students in Nizhny Novgorod to the question «Do you think that professional education is developed in your college?» (2017)

The results showed that the majority of students are dissatisfied with the existing order of organizing professional education.

Evaluating the educational work of several colleges in Nizhny Novgorod through a survey of students, we came to the conclusion that it is necessary to introduce a special model for educating college students that would help students be competitive and in demand in the labor market.

The proposed model consists of several interrelated components: targeted, substantive, procedural and effective.[11] The model sets as its goal the formation

of professional education of college students. The content component marks research, design and analytical activities. The procedural component contains methods, means and forms with the help of which the student masters professional education. Among them are the methods of formation of professional consciousness, training sessions, scientific and practical conferences, competitions, class hours, social projects, excursions, round tables, professional holidays. The result is presented in the form of formation of professional education of college students. Since vocational training is based on the competence approach, we also reflect it in the educational model.

Based on the model, we have developed a set of activities for the professional education of college students. It is presented in table 1.

Table 1. A set of activities in the framework of the educational activities of the Nizhny Novgorod Industrial University

Month	Work form	Goals of professional education
September		
1	Knowledge Day «Dedication to students»	Forming a positive attitude towards your college
2-7	Organization of work with first-year students on their adaptation to a vocational educational institution (Meeting of students «Professional Week»)	Formation of a positive attitude towards the profession, development of personality traits that contribute to satisfaction with professional choice
12	Thematic tour «The history of our college»	Formation of a positive attitude towards the profession
Monthly	Coverage of the main events and issues of professional education and training in the intercollegiate newspaper	Expansion of knowledge of students, coverage of features in the field of a received profession
October		
2	Questionnaire to identify the level of motivation to prepare for the chosen profession	Identifying the attitude of students to their chosen profession at a certain stage of study, checking the level of motivation
10	Meeting trainees with manufacture workers	Formation of professional and moral qualities for the implementation of successful activities in a particular area of labor
14	Psychological training «Communication without borders»	The restructuring of the student's self-consciousness from the student's psychological position to the position of a future professional who is a part of professional relationships

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November		
3	Seminar-presentation «My profession is the best»	The restructuring of the student's self-consciousness from the student's psychological position to the position of a future professional who is a part of professional relationships
21	Scientific conference «Innovations in my profession»	Formation of the system of values and self-awareness of the student as a subject of professional labor, enrichment of professional values
22	Realization of the social project «Rainbow of good deeds»	Formation of high social activity in the framework of the development of the profession
December		
5	Participation in the social project «Health Marathon»	Formation of high social activity in the framework of the development of the profession
10	Class hour «My future profession»	Formation of a positive attitude towards the profession, development of personality traits that contribute to satisfaction with professional choice
January		
13	Class hour «How to find your place in society»	Formation of a positive attitude towards the profession
February		
1	Competition «Protection of the profession»	Formation of professional and moral qualities for the implementation of successful activities in a particular area of labor
22	Round table «Master is ...»	Formation of students a clear idea of the chosen direction of study, future profession
March		
16	Round table «I am a person»	Formation of professional and moral qualities for the implementation of successful activities in a particular area of labor
April		
15	Workshop on writing a resume, questionnaire when applying for a job	The restructuring of the student's self-consciousness from the student's psychological position to the position of a future professional who is a part of professional relationships
May		
12	Training on the development of a time perspective «The world through my eyes»	Formation of professional and moral qualities for the implementation of successful activities in a particular area of labor

The complex presents activities that actively develop professional education, they are aimed at the development of all areas indicated by us above, therefore, improve the professional training of students and future graduates.[23]

Such forms of educational work are used as: thematic excursions "History of our college", questionnaires to study the motivation of the chosen profession, excursions to educational organizations, class hours on various topics, participation in the implementation of social projects; participation in creative competitions of a professional orientation, psychological trainings, meetings with labor veterans, round tables, seminars, presentations, participation in holidays, workshops on writing resumes.

The organization of work with students of the 1 course allows the younger course

getting comfortable faster in the space of a professional institution, understand the essence of their new activities and actively enter the learning process.[28] Classroom hours, consultations and seminars provide an opportunity to draw students' attention to the essence of the profession they receive, to immerse them as much as possible into professional development.[12] Social projects are aimed at the formation of high social activity, which helps future graduates both in the professional sphere and in everyday life.[10]

After the submission of these developments to students of Nizhny Novgorod colleges, in 2018, among them was again conducted a survey «Would you like your college to implement this set of activities?».

The results are presented in Figure 2.

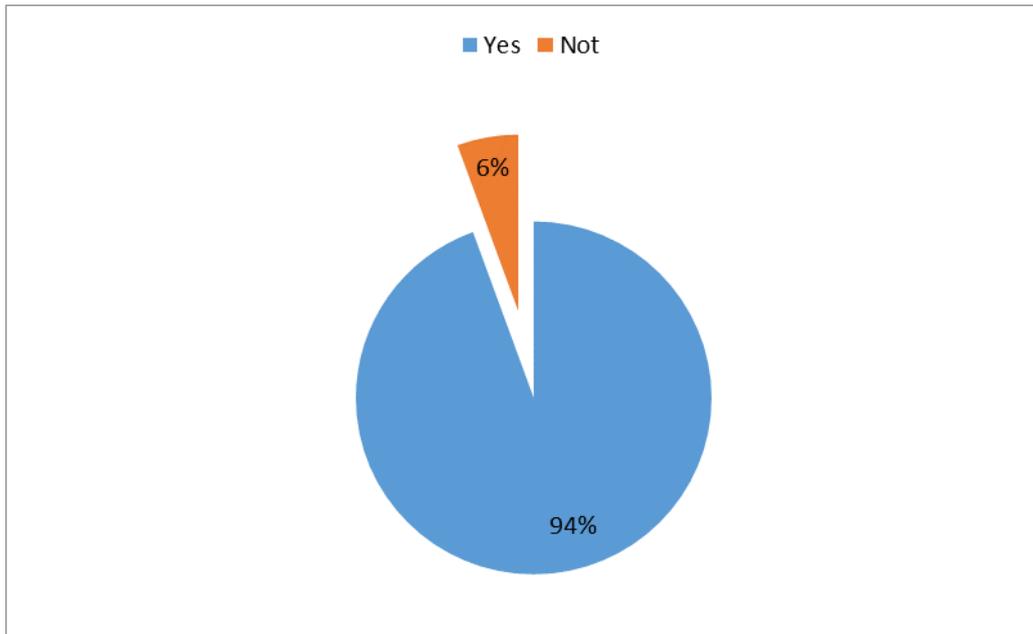


Figure 2. The results of the answers of students of Nizhny Novgorod colleges to the question «Would you like your college to implement this set of activities?» (2018)

94% of surveyed students would like to see similar changes in their college. Thus, we have revealed the relevance of these activities in the process of training students. This will allow to expand the activities of professional education and increase the level of training of students.

V. CONCLUSIONS

We conducted a survey among students of Nizhny Novgorod colleges to identify their satisfaction with the level of professional education. The first survey, which showed low satisfaction of students with the educational work of their colleges, gave rise to the development of a model that would solve this problem. We have developed a model of vocational education for college students, on the basis of which a set of measures was developed aimed at expanding the activities of vocational education. With the help of it, future graduates will be able to improve their skills and abilities that will help them more easily adapt to real professional conditions.

The second survey among students showed the need for introducing our developments into the activities of colleges, so we can conclude that they are in demand and future results in the professional education of college students.

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