

## Chapter 15

# Providing Quality Education for Persons With Disabilities Through the Implementation of Individual Educational Programs Managed by the Intelligent Agents in the Sliding Mode

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### ABSTRACT

*Professional education of persons with disabilities is an important sphere of education enabling psychically and physiologically impaired persons to get economic independence contributing to their integration in society. The quality of professional education for persons with disabilities is realized only in conditions considering specifics of communicative and cognitive activity of the students with different disability categories. The absence of these conditions in universities makes it impossible for this category of students to complete the programs of higher education. As a rule, the contents of the study programs and the study schedule do not take this category of students into consideration.*

### INTRODUCTION

In unequal conditions such students have weak motivation for study, insufficient level of professional skills, they develop a consumer position. Apart from this, the reasons hindering the process of learning include architectural unavailability, insufficient psychological, medical and pedagogical support of study process; uneasiness of the teaching staff for instructing persons with disabilities.

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Therefore, in conditions of unequal starting opportunities the students of this category cannot compare their success with the rest of the class and lose the strife for life goal. There arises the contradiction between the necessity of the providing education to persons with disabilities and inadequacy of the study process organization in university.

Individual study programs are based on humanistic principles, personality- oriented, differentiating, subject approach which makes them an effective mechanism of professional education for persons with disabilities.

## **MAIN FOCUS IN CHAPTER**

### **Solutions and Recommendations**

We suppose that in the process of implementer individual study programs in university education will provide the following effects:

- Individual opportunities of students with disabilities will be considered;
- Study process will become personality-oriented;
- Students with disabilities will be more successful;
- The quality of education will not be evaluated in categories of formal academic success but also include achievements in development of creative potential, formation of the wide range of competences and socialization of students;
- There will be a professional dialog between the specialists realizing support of persons with disabilities and instructors working on increasing their professional competences.

In accordance with the above let us turn to the definition of the quality of education given in normative documents. The quality of education highlights the two aspects of education:

1. Correspondence of goals and results of education to the modern social demands connected with transition to the open democratic society with market economy demanding making independent decisions on the basis of social experience, living in the situation of social and labor mobility, increasing tolerance level;
2. Correspondence of conditions of educational activity to the demands of students' health preservation and maintaining psychological comfort for all participants of the study process.

Apart from that, we consider education as a common process of education and development, the quality of education – as a quality of personality, its moral and civilian development. The quality of education is viewed as a social category which defines the state and outcomes of educational process in society, its correspondence to demands and expectations of various social groups in developing civil, common and professional competences of the students.

Individual study track is defined as a projected differentiated study program making the student a subject in the situation of choosing the program, participating in its development and realization, with the instructors' support of his/ her self-realization. Individual study track is determined by educational

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