

DEFINING COMPOUND STRUCTURE OF EDUCATIONAL TECHNOLOGY

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It is impossible not to cover imagination of science based on educational activity projects reflecting pedagogical reality of ideological processes in social life.

“ New pedagogical knowledge scales are widening according to the National Program of Preparing Specialists, research directions are approached the issues to form an autonomy and independent person ”¹ , says a professor Nurali Sayidahmedov.

In fact a large scale of new pedagogical knowledge occur new methodological approaches in the educational system today.

In our Independent Republic educational reforms in continuous educational system are focused on improving national education system, applying “national model” in the life which corresponds world standard degree as well as adjusted to modern requirements, developing spiritual life rapidly.

Principally, there are traditional and untraditional (modern- systematic, technological, researched- creative) approaches in projecting educational process and contemplating its illuminated goals.

Here we should bring an argument on how traditional and untraditional approaches are differentiated.

Traditional approach. Its basic feature is the teacher explains the certain information clearly according to the syllabus, a student or a pupil tries to remember this knowledge. Here, the notion “knowledge” is explained as information for remembering. The students’ level of knowledge

¹ Sayidahmedov N. New pedagogical technologies.-Tashkent: Finance, 2005-189-pages.

is defined according to the answer of the question relating to that information in the exam. This might be a superficial knowledge also and it is not kept long in the memory. Surprisingly, it is rather complicated to have a clear imagination of mastering level, quality of the students.

It is difficult to make sure how well students obtain the information being received to them.

Systematic approach. Before speaking about systematic approach it is necessary to understand the word “system”. It can be defined as a set of connected things or parts forming a complex whole, in particular or a way of working, organizing, or doing something which follows a fixed plan or set of rules. There are also expressions such as cybernetic system, information system, social interaction system, system of characteristics, pedagogical system.

“Systematic approach” has its definition as a universal description in scientific knowledge methodology and a direction of pedagogical practice. “Systematic approach” is used in pedagogy more noticeable so that, it is necessary to pay attention to education as a pedagogical system”².

Systematic approach is close to analyses according to its system function. The object of the systematic approach is considered intact issue or event (system), as well as it considers different parts of the objects, their correlation, limits of the system and system is concerned with environment.

Moreover, several principles are possible to be used in systematic approach, so that they may create opportunity of achieving high inconsequence in research and practical activity. M. Ochilov submits the followings in these rule based principles: going to concreteness from abstract; convention of logics and history with analyses and synthesis; variously connection of objects and mutual effect; systematic function of object and unity of imagination in outcome and others ¹.

² M.Ochilov. New pedagogical technologies.(lectures), Karshi,2000,6-p.

¹ Sayidahmedov N. New pedagogical technologies.-Tashkent: Finance, 2005-189-pages.

Technological approach considers the followings in educational system:

- separating teaching- learning process based on their mutual stages, fazes and activity;
- appropriating executive actions in order to expected result in education, as well as carrying out step by step;
- acknowledging and doing all projected works and actions.

In the summarizing part, we should admit that, those approaches which we have analyzed above are typical for reproductive knowledge and the reproductive knowledge is carrying out the matter according to the rules having known beforehand in typical conditions.