



Article

# Opportunities For Developing Students' Professional-Methodical Competences Based on an Integrative Approach in Higher Education

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**Abstract:** Modern supreme education in the system future of experts professional-methodical competencies formation current pedagogical from problems one This is considered of the research purpose supreme education in institutions training to the process integrative approach current to grow through students professional-methodical readiness increase opportunities theoretical in terms of justification and relevant conceptual the model working from the exit consists of . Research in the process systematic analysis , comparative-pedagogical approach , modeling and scientific literature analysis from the methods used . In the article interdisciplinary unity provider interactive education technologies , particularly problematic ones situations method based on students didactic potential increase mechanisms illuminated . As a result students professional-methodical competencies development integrative didactic model offer was and him/her to practice current of reaching main methodical conditions by designating was given . Conclusion in place highlight okay , integrative education environment design future of personnel logical thinking and professional skills improvement important factor is considered . Offer done theoretical model future empirical experiment works for solid scientific basis become service does.

**Keywords:** integrative approach , professional-methodical competence , higher education , problematic situations method , integrative didactic model, logical thinking , pedagogy conditions.

## 1. Introduction

Modern sociocultural and technological progress under the circumstances supreme education system in front of standing the most priority from tasks one is variable professional to the environment fast adapt acceptable , non-standard decisions acceptance to do capable competitive experts Today 's preparation day labor market from graduates not only deep theoretical knowledge , but this knowledge practical pedagogical and professional in activity effective application opportunity giver professional-methodical requires competencies [1-5]. Professional - methodical competence future expert's own specialty according to knowledge to master them didactic in terms of again performance and education in the process to hold to take qualification However , many supreme education in institutions preserved remaining traditional teaching system , sciences from each other in an isolated state teaching practice in students whole logical thinking and systematic professional skills to form obstacle is doing [6-8].

## 2. Methods

In education competency-based approach and interdisciplinary connection issues many scientists by research Available scientific literature analysis this shows that most

research either only certain one science teaching within the scope methodical competencies to develop, or general pedagogical preparation to increase Education to the process integrative approach current to grow through knowledge synthesis to do idea wide discussion done although, future of experts methodical in preparation exactly interactive methods ( especially problematic situations method ) based on integrative didactic the environment create mechanisms enough at the level open not given.

This of the research main purpose — supreme education in institutions training to the process integrative approach current to grow through students professional-methodical readiness increase opportunities theoretical in terms of justification and problematic situations to the method relied on without professional-methodical competencies development innovative conceptual model working from the exit consists of.

### 3. Results and Discussion

This in research future of experts professional-methodical competencies develop process study for systemic-active and integrative-competent approaches was based on the research. main methodological weapon as pedagogical modeling, systematic analysis, comparative-logical generalization and didactic design methods was applied [9].

Recommendation being done conceptual model central core practical pedagogical in activity occurring real processes simulation " problematic " situations method " organization " Traditional informational-reproductive from teaching different as, problematic situations in the student cognitive dissonance harvest does. Integrative didactic in the environment problematic situation so is made, it solution to grow for student one of time in itself one how many from disciplines ( for example, specialization) science, pedagogy, psychology and teaching methodology ) received knowledge synthesis is required to do [10].

Our research within working issued and to practice current to grow recommendation being done integrative didactic model interaction strict logical in sequence connected, one the other one requirement enough and complementary four large structural block in itself embodied will reach [11].

Initial stage — **goal-motivational block** whole of the system guide foundation considered, future in specialists professional-methodical to activity relatively stable interest and strong internal motivation ( motive ) to do service This will do. block within students just theoretical knowledge acceptance doer passive listener not, maybe complex, non-standard pedagogical of situations cause and effect to understand and them independent solution to reach aspiring active to the subject turns [12].

To integral logical basically connectable **meaningful-organizational block** training process informative and didactic basically organization It will. Then training materials, including specialty and pedagogy-psychology category sciences content traditional isolated without not, maybe strict interdisciplinary connection principle based on a single curriculum modules — vital didactic cases and integrative assignments in appearance This approach is generalized. student excess cognitive download optimize and share information scattered not, maybe whole system as perception to reach ground creates [13].

Model's directly driving force and practical performance provider central part **technological-procedural block** It is considered active. teaching technologies, especially problematic ones situations solution to do clear algorithmic to the steps is based on. In this process students to the surface arrived pedagogical problem independent identification to do, alternative solution find for necessary scientific and methodological information search, own hypotheses previously push and small in groups to communicate to enter through the most acceptable didactic solutions design such as complicated learning actions they did it [14].

Final **outcome-assessment block** and above three of the block logical end and product as to the field It only comes out. student's received price not, maybe his/her professional growth to measure service does. This block cognitive-gnostic ( integrative knowledge where at the level deep understanding), active-practical ( knowledge practical pedagogical in situations hand to take qualification ) and professional-reflexive ( self

activity critical analysis to do and from mistakes conclusion criteria using students professional-methodical competencies formation dynamics objective and many measurable assessment opportunity gives [15].

### 5. Conclusion

Conclusion as in other words , supreme in education continuous integrative education environment create future of experts methodical potential increase the most effective pedagogical strategy is considered . Research within working issued integrative didactic model and designated methodical conditions supreme education institutions training process quality in terms of new to the stage take to go out service This theoretical model not only education quality increases , maybe in students analytical thought and independent decision acceptance to do culture shapes the future . our research this theoretical model effectiveness of real pedagogical experiment in the processes from the test transfer and taken empirical information based on him/her further to improve is focused.

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