

Man in India 2017 vol.97 N3, pages 29-41

Didactic features of pedagogical interaction as the basis of university education

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Abstract

© 2017 Serials Publications. The relevance of the study is conditioned by the change of university education's values and sustainable orientation on the development of students' need "to go beyond being studied," and the ability to educate themselves throughout their lives. The purpose of the article is to develop practical recommendations on optimization of pedagogical interaction of teachers and students at the university. The leading approach to the study is the personality-centered approach involving the formation of each student's experience of creativity and capacity for self-organization and self-realization. The study involved 500 teachers and 500 students who learned functions of seminars (explanatory - systematizing, control - evaluative, information - cognitive, educational - developmental, general cultural, practice - oriented) and justified demands for seminars (exchange of information, teacher's focus on enhancing of each student's cognitive activity, cooperation of students with the teacher, the students performance of the roles of discussion's participant, opponent, thinker). The main results of the study are to identify methods (organizational - procedural, productive - practical, verbal - logical) and criteria for co-creation of the teacher and students. The significance of the results obtained is that the seminars' functions found out enable to combine the entities of co-creation on the basis of general cognitive interest (seminars - discussions) and the ability to meet their own learning needs (seminars - research). Demands put forward for seminars enable to develop criteria for evaluating the performance at the seminars, find types and techniques of conducting the training dispute. Methods identified make it possible to create different patterns of interaction of teachers and students both vertically and horizontally; organize the work of the students in small groups, pairs; engage students in the study and production planning, collective - individual thinking activity on lectures and seminars. The identified criteria for co-creation provide for entities' single "target space", functional responsibilities and co-management, the development of communicative and reflexive abilities, needs' updating in creative work.

Keywords

Entity-entity relationship, Pedagogical interaction, The co-creation of teachers and students

References

- [1] Andreev, V.I. (1988). The dialectic of education and self-education of creative personality. Kazan: Publishing House of the University of Kazan.
- [2] Azarov, Y.P. (1985). Art to educate. Moscow: Education.

- [3] Bim-Bad, B.M. (1996). 'Education of human by society and the society by the human'. *Pedagogy*, 5: 3-9.
- [4] Bim-Bad, B.M. (1999). *The concept of the University of the Russian Academy of Education*. Moscow: Publishing house of URAE.
- [5] Bondarevskaya, E.V. (1995). 'Valuable bases of personality-oriented education'. *Pedagogy*, 4: 29-31.
- [6] Bukhvalov, V.A. (1993). *Algorithms for pedagogical creativity*. Moscow: Education.
- [7] Dyachenko, V.K. (1991). *Cooperation in education: On the collective method of study*. Moscow: Education.
- [8] Gabdulchakov, V.F., Kusainov, A.K. & Kalimullin, A.M. (2016). 'Education Reform at the Science University and the New Strategy for Training Science Teachers'. *International Journal of Environmental and Science Education*, 11(3): 163-172.
- [9] Grigoryan, B.T. (1982). *Philosophical Anthropology*. Moscow: Mysl.
- [10] Gromkova, M.T. (1993). 'Education - an incentive to the development of personality'. *Pedagogy*, 3: 21-25.
- [11] Hessen, S.I. (1995). *Pedagogy Basics: Introduction to Applied Philosophy*. Moscow: School Press.
- [12] Kalimullin, A.M. & Dobrotvorskaya, S.G. (2016). 'Higher Education Marketing Strategies Based on Factors Impacting the Enrollees'. *International Journal of Environmental and Science Education*, 11(13): 6025-6040.
- [13] Kalimullin, A.M. & Islamova, Z.I. (2016). Formation of Information-Educational Environment in the Partner Universities of University of Shanghai Cooperation Organization. *IEJME Mathematics Education*, 11(6): 1879-1890.
- [14] Kalimullin, A.M., Khodyreva, E.A. & Koinova-Zoellner, J. (2016). 'Development of Internal System of Education Quality Assessment at a University'. *International Journal of Environmental and Science Education*, 11(13): 6002-6013.
- [15] Kalimullin, A.M., Vlasova, V.K. & Sakhieva, R.G. (2016). 'Teachers' Training in the Magistrate: Structural, Content and Organizational Modernization in the Context of a Federal University'. *International Journal of Environmental and Science Education*, 11(3): 207-215.
- [16] Kalimullin, A.M., Yungblud, V.T. & Khodyreva, E.A. (2016). 'Characteristic Features of Innovation Project Management Aimed at University Human Resource Development'. *International Journal of Environmental and Science Education*, 11(9): 2237-2253.
- [17] Kamasheva, Y.L., Goloshumova, G.S., Goloshumov, A.Y., Kashina, S.G., Pugacheva, N.B., Bolshakova, Z.M., Tulkibaeva, N.N. & Timirov, F.F. (2016). 'Features of vocational education management in the region'. *International Review of Management and Marketing*, 6(1): 155-159.
- [18] Kan-Kalik, V.A. & Nikandrov, N.D. (1990). *Pedagogical creativity*. Moscow: Pedagogy.
- [19] Kayumova, L.R. & Zakirova, V.G. (2016). 'Educational Environment Risks: Problems of Identification and Classification'. *International Journal of Environmental and Science Education*, 11(6): 1013-1019.
- [20] Khairullin, A.G. & Khuziakhmetov, A.N. (2016). 'Pedagogical Potential of Discipline Logic in the Development of Student Thinking Culture'. *IEJME-Mathematics Education*, 11(6): 1683-1696.
- [21] Klarin, M.V. (1995). *Innovations in the world pedagogy. Education based on the study of games, discussions, analysis of foreign experience*. Riga: The pedagogical center "Experiment".
- [22] Kossov, B.B. (1995). 'The essence of the content of higher education as a factor in its development (personal-developmental education)'. *Issues of Psychology*, 6: 9-20.
- [23] Krayevski, V.V. (1997). 'Controversy, How many pedagogies do we have?'. *Pedagogy*, 4: 113-118.
- [24] Kulyutkin, Y.N. (1986). 'Creative thinking in the professional activity of the teacher'. *Issues of Psychology*, 2: 21-30.
- [25] Lunev, A.N., Pugacheva, N.B. & Stukolova, L.Z. (2014a). 'Development strategies for professional educational services under the increasing autonomy of territories within the federal state'. *Actual Problems of Economics*, 160(1): 215-220.
- [26] Lunev, A.N., Pugacheva, N.B. & Stukolova, L.Z. (2014b). 'Information-psychological security of the person: The essential characteristic of'. *Modern Problems of Science and Education*, 1: 21-26.
- [27] Masalimova, A.R. & Benin, V.L. (2016). 'Conflict Humanitarian and Natural Knowledge: The Way to Exit From It'. *International Journal of Environmental and Science Education*, 11(13): 5993-6001.
- [28] Masalimova, A.R. & Chibakov, A.S. (2016). 'Experimental Analytical Model of Conditions and Quality Control of Vocational Training of Workers and Specialists'. *IEJME-Mathematics Education*, 11(6): 1796-1808.
- [29] Masalimova, A.R. & Ivanov, V.G. (2016). 'Formation of Graduates' Professional Competence in Terms of Interaction Between Educational Environment and Production'. *International Journal of Environmental and Science Education*, 11(9): 2735-2743.
- [30] Merkin, G.S. & Merkin, B.G. (1991). *The path to co-creativity*. Moscow: Education.
- [31] Pavlova, K.G. (1988). *Psychology of dispute: Logical and psychological aspects*. Vladivostok: Publishing house of the Far Eastern University.

- [32] Petrova, T.N., Kirillova, O.V., Sokolova, S.G., Pugacheva, N.B., Galimullina, A.F., Maksimova, O.G., Antonova, T.V. & Kozhanov, V.V. (2016). 'Education as the Management of Research Universities Students' Socialization'. *International Review of Management and Marketing*, 6(2): 28-33.
- [33] Pugacheva, N.B., Kirillova, T.V., Ovchinnikova, I.G., Kudyashev, N.K., Lunev, A.N., Pavlova, O.A., Kashina, S.G. & Valeyev, A.S. (2016a). 'The Mechanism of State-Public Management of Vocational Education in the Region'. *International Review of Management and Marketing*, 6(2): 6-11.
- [34] Pugacheva, N.B., Ezhov, S.G., Kozhanov, I.V., Kozhanova, M.B., Ogorodnikova, S.V., Oshaev, A.G., Timonin, A.I. & Goloshumova, G.S. (2016b). 'The model of self-realization readiness formation of research universities students in the process of civic education'. *International Review of Management and Marketing*, 6(1): 128-133.
- [35] Rudenskiy, E.V. (1997). *Social Psychology*. Moscow: INFRA-M.
- [36] Savin, N.V. (1987). *Methods of teaching pedagogy: Teach. Guide for facts. of training*. Moscow: Education.
- [37] Schetinin, M.P. (1986). *Embracing the immensity: Notes of a teacher*. Moscow: Education.
- [38] Senko, Y.V. (1997). 'The teaching process: Co-creation of the teacher and the student'. *Pedagogy*, 3: 40-45.
- [39] Serikov, V.V. (1994). 'Personality-oriented education'. *Pedagogy*, 5: 16-21.
- [40] Shaidullina, A.R., Evsyukova, N.Y., Miklailov, V.A., Gazizova, F.S., Masalimova, A.R., Khairullina, E.R. & Galimzyanova, I.I. (2015a). 'The Curriculum Project on Professional and Pedagogical Teacher's Communication Culture Formation'. *Mediterranean Journal of Social Science MCSER Publishing Rome-Italy*, 6(2): 252-267. DOI: 10.5901/mjss.2015.v6n2s3p202
- [41] Shaidullina, A.R., Maksimova, O.G., Fadeeva, E.Y., Khairullina, E.R., Valeyeva, N.S., Zaripov, R.N., Zaripova, I.R. & Kuzmin, N.V. (2015b). 'Development Dynamics of Professional and Pedagogical Culture of Communication in Professional Activities of Teachers'. *Mediterranean Journal of Social Science MCSER Publishing Rome-Italy*, 3: 133-145. DOI: 10.5901/mjss.2015.v6n2s3p216.
- [42] Smirnov, S.D. (1995). *Pedagogy and Psychology of Higher Education: From the activities to the individual*. Moscow: Aspect Press.
- [43] Vasyagina, N.N. & Kalimullin, A.M. (2015). 'Retrospective analysis of social and cultural meanings of motherhood in Russia'. *Review of European Studies*, 7(5): 61-65.
- [44] Verbitsky, A.A. (1991). *Active learning in higher education: The contextual approach*. Moscow: Higher school.
- [45] Vlasova, V.K., Masalimova, A.R. & Alamanov, S.K. (2016). 'The Technology of Teacher Training Contents Projection and Implementation on the Basis of Information Streams Integration'. *International Journal of Environmental and Science Education*, 11(3): 225-236.
- [46] Vlasova, V.K., Simonova, G.I. & Soleymani, N. (2016). 'Pedagogical Support Components of Students' Social Adaptation'. *International Journal of Environmental and Science Education*, 11(5): 641-653.
- [47] Yakimanskaya, I.S. (1995). 'Development of technology for personality-centered learning'. *Issues of Psychology*, 2: 31-42.
- [48] Yepaneshnikov, V.V., Pugacheva, N.B., Goloshumova, G.S., Kuznetsova, V.V., Dobrovolskaya, L.V., Moiseeva, L.V., Garaganov, A.V. & Litvinenko, N.A. (2016). 'Pedagogical Management of Civil Education of Research Universities Students'. *International Review of Management and Marketing*, 6(2): 23-27.
- [49] Yashkova, A.N. & Kalimullin, A.M. (2015). 'The features of manifestation of students' subjectness'. *Review of European Studies*, 7(5): 211-216.
- [50] Zakirova, V.G. & Purik, E.E. (2016). 'Creative Environment Formation in Design Professional Training'. *International Journal of Environmental and Science Education*, 11(9): 2323-2332.
- [51] Zamaletdinov, R.R., Yudina, N.P., Lavrentyeva, E.I., Savva, L.I. & Pugacheva, N.B. (2016). 'Practical Recommendations on the Improvement of the Effectiveness of Anti-Corruption Policy in Universities'. *International Review of Management and Marketing*, 6(2): 390-396.
- [52] Zasobina, G.A. & Mohammed, V.S. (1997). *Research in pedagogical activity of the teacher of high school*. Ivanovo: ISU Publishing House.
- [53] Zinoviev, S.I. (1975). *Teaching Process in Soviet higher education*. Moscow: Higher school.