

Innovative Project Activity as a Means of Developing the Research Culture of Students – Future Teachers of Technology

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Keywords: innovative project activity; innovative project; research culture; research skills; students; technological education.

Abstract: The publication examines the problem of developing the research culture of students – future teachers of technology in modern conditions. The presented materials substantiate the relevance of this issue in technological education and the possibility of its solution through the involvement of students in innovative project activities focused on solving technical and technological problems of regional manufacturing enterprises. The article presents the developed content of the motivational-value, cognitive, activity and emotional-volitional components of research culture and their detailing in the form of a list of elements that are important for students – future teachers of technology. The materials of the publication show a logically structured sequence of implementation of innovative projects by students with a description of the content of their work at each of the implemented stages. The peculiarity of the presented variant of innovative project activity is the emphasis of students' work on familiarization with the production sector of the region, the selection of enterprises that will become sites for further project development, the identification of existing technical and technological production problems, the solution of which will be carried out and the development of innovative facilities with objective novelty. For each of the described stages, examples of tasks aimed at developing various elements of the research culture of students – future technology teachers are given.

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