

Research on the role of curriculum ideological and political education in promoting the professional quality of science and engineering students in Colleges and Universities

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Abstract

Science and engineering students generally have the characteristics of strong logical thinking, rigorous style of study, down-to-earth attitude and strong practical ability, but they also often have the problem of relatively low humanistic quality. Therefore, combined with the professional characteristics of science and engineering students, carry out targeted curriculum ideological and political education, improve their political and humanistic quality while cultivating their professional skills, and cultivate them to become scientific and technological talents who love the party, love the country and the people, which is one of the important objectives and requirements of the state and Society for the current training of science and engineering talents in China. In the training of science and engineering students, we must not only pay attention to the education of scientific and technological knowledge, but also pay more attention to the political and ideological education of students, so as to improve the students' sense of social responsibility to serve the country and the people.

INTRODUCTION

College curriculum ideological and political education is to organically integrate the socialist core value system, political consciousness and curriculum professional knowledge advocated by the party and the state, carry out comprehensive education on students' professional knowledge and political literacy in the process of curriculum teaching, and educate people while teaching. General secretary Xi Jinping pointed out: "to enhance the affinity and pertinence of Ideological and political education, to meet the growth and development needs and expectations of students, all other courses should observe a section of canals and cultivate good responsibility fields, so that all kinds of courses can work together with ideological and political theory courses to form a synergy effect." [1] This is an important indication of general secretary's ideological and political construction.

THE PROMOTION FUNCTION OF CURRICULUM IDEOLOGICAL AND POLITICAL EDUCATION TO THE COMPREHENSIVE QUALITY OF SCIENCE AND ENGINEERING STUDENTS

- 1 Help students deepen their understanding of the course objectives
- 2 Stimulate students' initiative in learning
- 3 Combine professional learning with the great cause of dedicating oneself to the construction of the motherland, and the power of example will promote the specialty

WAYS FOR SCIENCE AND ENGINEERING STUDENTS TO CARRY OUT CURRICULUM IDEOLOGICAL AND POLITICAL EDUCATION

- 1 Make full use of various teaching carriers for curriculum ideological and Political Education
- 2 Teachers should improve their ideological and political ability
- 3 Deepen ideological and political education in combination with practical teaching

CONCLUSION

General secretary Xi Jinping pointed out: "the foundation of a university is to build virtue and cultivate people" [7]. Due to the important role of science and technology knowledge in social development and the professional characteristics of science and engineering students, it is of more social significance to carry out curriculum ideological and political education among science and engineering students in Colleges and universities in China. In the training of science and engineering students, we must not only pay attention to the education of scientific and technological knowledge, but also pay more attention to the political and ideological education of students, so as to improve the students' sense of social responsibility to serve the country and the people.

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