

Satisfaction Survey of Curriculum Ideological and Political Education for Science and Engineering Students in Colleges

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Abstract

Ideological and political education was put into practice for college students since 2017 in all professional courses and practical courses. In this study, 26 college students from college junior students majoring in the applied chemistry were selected as the research objects, with an average age 21.3 years. Taking "Specialized English for Applied Chemistry" as an example, questionnaire survey was employed to study students' satisfaction with the curriculum ideological and political teaching. The results show that the satisfaction of curriculum ideological and political education is 100% while the proportion of students who are very satisfied with the teaching of curriculum ideological and political education is more than 80%. Besides, the students generally believed that curriculum ideological and political education can improve their ideological and political consciousness, improve their English level, increase their interest in learning, and can give them the correct guidance of ideals, beliefs and values in the course of Ideological and political teaching. The students suggested to further deepen the curriculum reform and strengthen the ideological guidance to make the curriculum much more attractive and interesting.

Keywords

Curriculum Ideological And Political Education; Satisfaction Survey; Science and Engineering Students.

1. Introduction

Ideological and political education (IPE) is extremely important in colleges and universities in China in the new era, which is carried out not only in the ideological and political theory course, but also in general-knowledge courses, professional courses and practical courses [1-2]. It is a crucial part of the new era to integrate the IPE with IEE for college students to train socialist builders and successors for the comprehensive development of moral, intellectual, physical, aesthetics, and labor skills [3-4].

The ideological and political education is of great importance and is the lifeline of all work in colleges and universities in the new era. "Curriculum ideological and political education" puts forward quite high requirements for the quality as well as ability and level of teachers in various disciplines. Teachers should make all kinds of courses involved in the process of school education, and promote curriculum system and education teaching innovation, realize the "whole course education".

As to the major of applied chemistry, "curriculum ideological and political education" was put into practice since 2017 in all professional courses and practical courses with the aim to train socialist builders and successors for the comprehensive development of moral, intellectual, physical, aesthetics, and labor skills. The effect of curriculum ideological and political education teaching depends on students' learning effect and satisfaction. In our previous report we found that ideological and political education can help to improve the ability of innovation and entrepreneurship for science and engineering students in colleges [5].

In this study, 26 college students from college junior students students majoring in the applied chemistry were selected as the research objects, with an average age of 21.3 years. Taking the professional course "Specialized English for Applied Chemistry" as an example, questionnaire survey was employed with ten questions to study students' satisfaction with the curriculum ideological and political teaching, nine of which are choice questions and one is subjective question as follows.

2. Survey by Questionnaire

No.	Questions	Options
1	What's Your Gender	A:Male; B: Female
2	What's your grade?	A: 1 B: 2 C :3 D :4
3	What's Your political outlook?	A: Chinese Communist Party members; B : A member of the Communist Youth League of China; C: General public
4	Does the course Ideological and political education improve my ideological and political consciousness?	A: Totally agree B: Agree C: Not sure D: Don't agree
5	Does the course Ideological and political education improve my English level?	A: Totally agree B: Agree C: Not sure D: Don't agree
6	Does the course Ideological and political education increase my interest in learning?	A: Totally agree B: Agree C: Not sure D: Don't agree
7	Do you think it is necessary to carry out ideological and political education?	A: Highly necessary B: Necessary C: Not sure D: Not necessary
8	Do you feel the correct guidance of ideals, beliefs and values in the course of Ideological and political teaching?	A: Often B: Occasionally C: No D: I don't remember
9	Are you satisfied with the ideological and political teaching of the course?	A: Very satisfied B: Quite satisfied C: Basically satisfied D: Not satisfied
10	What needs to be improved in the course teaching? What are your suggestions and opinions?	Subjective questions with no options

3. Results and Discussions

The gender statistics, the grade statistics and the political outlook statistics of students were shown in Fig. 1~Fig. 3. 26 college students majoring in the applied chemistry were junior students students with an average age of 21.3 years; Statistics showed a roughly equal proportion of boys and girls, and most of the students were members of the Communist Youth League of China.

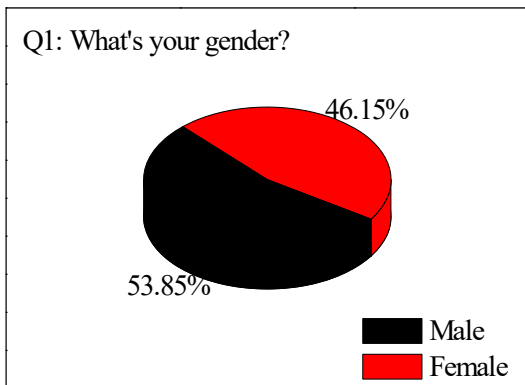


Figure 1. Gender statistics of students

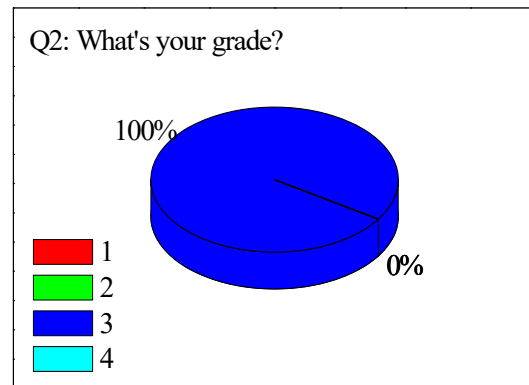


Figure 2. Grade statistics of students

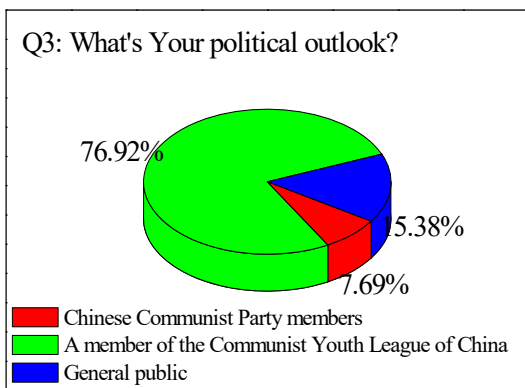


Figure 3. Political outlook statistics of students

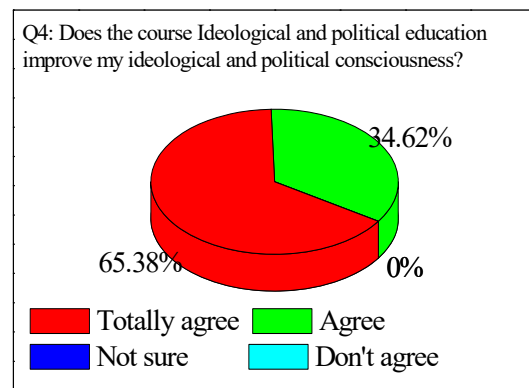


Figure 4. Question 4 statistics of of students

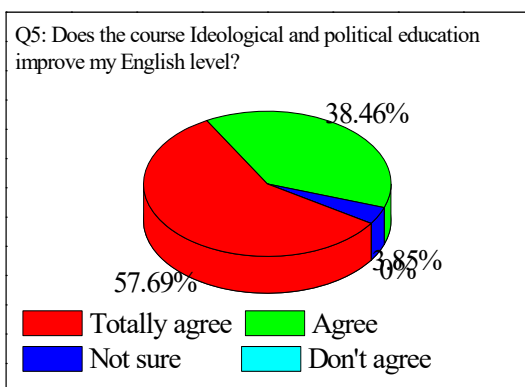


Figure 5. Question 5 statistics of of students

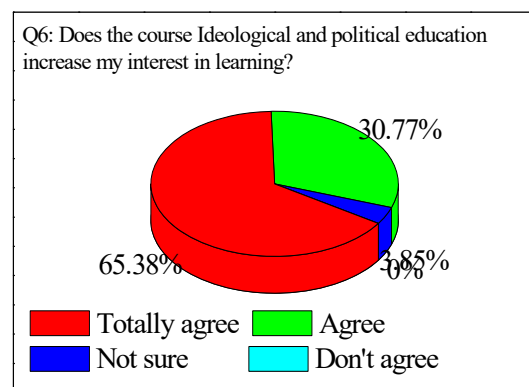


Figure 6. Question 6 statistics of of students

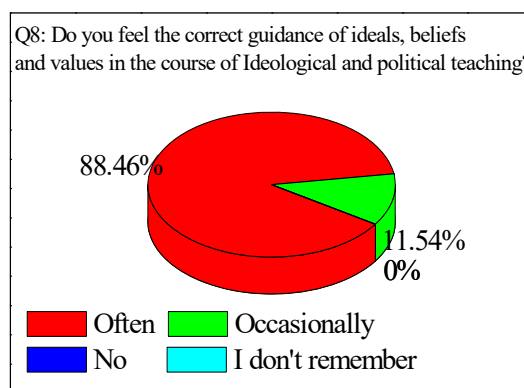
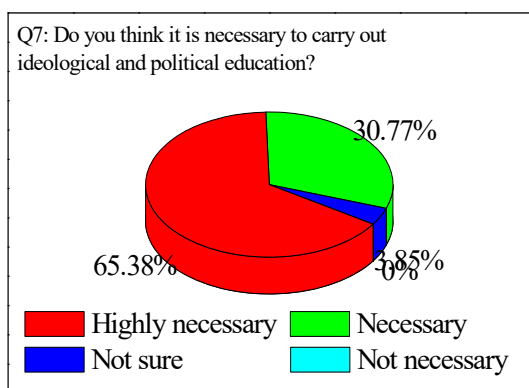


Figure 7. Question 7 statistics of of students

Figure 8. Question 8 statistics of of students

From Fig 4~Fig 8, it showed that the students generally believed that curriculum ideological and political education can improve their ideological and political consciousness, improve their English level, increase their interest in learning, and can give them the correct guidance of ideals, beliefs and values in the course of Ideological and political teaching.

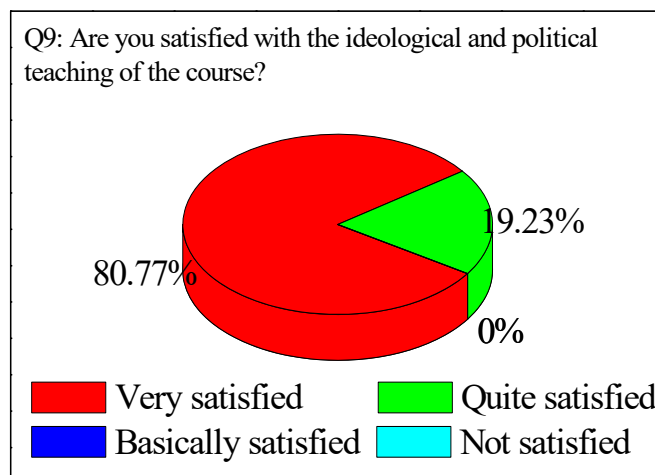


Figure 9. The Post-graduate Enrollment Rate of Students Majoring in Applied Chemistry

Figure 9 shows that the satisfaction of curriculum ideological and political education is 100% while the proportion of students who are very satisfied with the teaching of curriculum ideological and political education is more than 80%.

Also, for the teaching work, the students gave a lot of good opinions and suggestions. The students suggested to further deepen the curriculum reform and strengthen the ideological guidance to make the curriculum much more attractive and interesting. Besides, College students acquire a great deal of knowledge and information through new media, which also affect their way of life, study, and thinking. The ideological and political education of students brings both new opportunities and great challenges. As an important place for ideological and cultural exchanges and collisions, colleges should make good use of new media technology, which is a favorable medium to carry out ideological and political education for college students, and how to deal with the adverse effects of new media on college students. To improve the effectiveness of ideological and political education for college students has become a major issue that should be solved in the future [6-8].

4. Conclusions

Taking "Specialized English for Applied Chemistry" as an example, questionnaire survey was employed to study students' satisfaction with the curriculum ideological and political teaching.

(1) The satisfaction of curriculum ideological and political education is 100% while the proportion of students who are very satisfied with the teaching of curriculum ideological and political education is more than 80%.

(2) The students generally believed that curriculum ideological and political education can improve their ideological and political consciousness, improve their English level, increase their interest in learning, and can give them the correct guidance of ideals, beliefs and values in the course of Ideological and political teaching.

(3) The students suggested to further deepen the curriculum reform and strengthen the ideological guidance to make the curriculum much more attractive and interesting. How to improve the effectiveness of ideological and political education for college students using new media technology has become a major issue that should be solved in the future work.

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