

The Significance of Innovation and Entrepreneurship Projects for Undergraduates' Graduation Thesis Writing*

Hui Liu

Academic Affairs Office
Tianjin Agricultural University
Tianjin, China

Liyun Bian

Academic Affairs Office
Tianjin Agricultural University
Tianjin, China

Abstract—The wave of mass entrepreneurship and innovation has been carried out across the country, and China attaches more and more importance to the innovation consciousness of college students. With the implementation of college students' innovation and entrepreneurship projects, their innovation consciousness has been greatly stimulated and their innovation ability exercised. Students apply for entrepreneurial projects independently, and teachers follow up and guide them, then students write papers according to the data statistics and feelings of the implementation process of entrepreneurial projects. In this way, not only can students enrich their content of the thesis, but also can they make the research results of the thesis unique, so that the content of the undergraduate thesis is really meaningful. Only by combining entrepreneurial projects with graduation thesis can the meaning of the research of graduation thesis be truly realized and the innovation of talent cultivation and teaching methods be promoted.

Keywords—undergraduates; innovation and entrepreneurship project; undergraduate course; graduation thesis

I. INTRODUCTION

The current quality of undergraduate graduation thesis in China's universities is worrying, mainly reflected as the form overweighs substance. The contradiction between the continuous large-scale enrollment expansion of undergraduates and the serious lag in supporting teaching resources leads to the decline of teaching quality and the decline of graduation thesis quality. Graduation thesis fraud, formalism, plagiarism, the purchase of graduation thesis is common, graduation thesis deviates from the original intention of the original system design. Although the arrangement of graduation thesis work, routine inspection and evaluation are still in order, but the process of graduation thesis turned sour and poor qualities have become an indisputable fact. In order to fully implement the Outline of the National Medium — and Long-term Program for Education Reform and Development (2010-2020)

*Project: Key cultivation project of teaching achievement award of Tianjin agricultural University in 2019: Research on quality assurance mechanism of undergraduate graduation design (thesis) of local universities; The 2017 undergraduate teaching quality and teaching reform research project of Tianjin ordinary colleges and universities: "A study on the construction of agriculture-related specialized groups serving the development of modern urban agriculture in Tianjin" (171006104C).

and carry out the important instructions of the CPC Central Committee, the Ministry of Education has put forward suggestions on further strengthening the practice of education in colleges and universities under the new situation. The Ministry of Education document points out: schools should strengthen the practical teaching management, and improve the quality of experiment, practical training, and graduation design (thesis).

During the 11th five-year plan period, the Ministry of Education started the pilot program in 2006 and began to implement the innovative experiment program for college students in 2007. It is the first time that the Ministry of Education has implemented an innovative training program directly for college students at the national level. Since 2011, the Ministry of Education has added entrepreneurship training and practice programs for college students on the basis of the innovation experimental programs and started to implement the "innovation and entrepreneurship training program for college students". Since the implementation of the project, more than 250,000 students from more than 730 universities across China have participated in the project, covering 12 disciplines including science, engineering, agriculture, medicine, liberal arts and law, which has become the most extensive and influential project in the undergraduate teaching quality and teaching reform project of institutions of higher learning.

II. PRESENT SITUATION OF THE UNDERGRADUATES' GRADUATION THESIS QUALITY OF CHINA

Undergraduate graduation thesis is a comprehensive assessment of four-year study of college students. Its function of academic research is to cultivate students' innovative spirit and ability in academic training. This final link is the key in cultivating innovative talents, which can improve students' practical ability to solve problems and help them establish correct values of life. Meanwhile, it is also of great significance in evaluating students' learning achievements in school. However, at present, the quality of graduation thesis is worrying. Especially, students' academic quality, their innovative ability, research methods and other aspects are all unsatisfactory. It cannot be a good way to fully make the graduation thesis and other teaching links to the full. The

problems of graduation thesis writing mainly include the following aspects:

A. Serious Plagiarism in Graduation Thesis

Now, the paper fraud phenomenon is very serious. Up to the teachers and professors, down to the students, there are a large number of paper plagiarisms. Since it is the employment season when students have to design their graduation thesis, most students are too busy attending various job fairs and examinations to pay attention to the writing of graduation thesis. The original intention that causes students to write graduation thesis is gradually lost. Students tend to fool, delay and even fraud the thesis. As a result, the quality of the thesis is worse and worse, deviating from the original intention of academic researches. Common problems in graduation thesis writing include: firstly, there are a large number of ghostwriting websites on the internet and in the advertisements posted in the school, so that students who are busy with employment opportunism hire writers to write essays; Second, students plagiarized many papers to form a "collage paper". Similar or large-length plagiarized articles will be detected. Therefore, most students tend to plagiarize a little in each paper so that they can pass the test. In fact, this is plagiarism; third, a small number of students steal others' academic opinions and regard them as their own research results. Even if they elaborate them perfectly, they are also faking. The school also lacks certain supervisory mechanism. For these plagiarized papers, the teachers often turn a blind eye to them, making the paper fraud rampant a phenomenon, which has a bad influence to the students' values shaping.

B. Outdated Contents and Nonconstructive Views

Graduation thesis is related to the graduation rate of students, which affects the employment rate of students. However, the employment rate itself affects the school enrollment. Therefore, in order to attract new students, schools tend to improve the graduation rate. It then makes the graduation thesis exist in name only. Students do not pay attention to graduation thesis, and most of the graduation thesis topics are relatively old. Most students initially set a topic direction, and then surf the Internet to find some documents, finally determine the topic according to the number of literatures they have found. Therefore, some topics are divorced from practical experience and can only be theoretically assumed and demonstrated from social phenomena that they have not experienced or observed. In terms of topic selection quality, most of the graduation thesis topics are too old, the rate of renewal is low, and some topics even repeat year after year. General rules and regulations can often get them good results, so students will not bother to innovate. The contents are mostly empty discussions, lacking theoretical data supports, let alone putting forward a constructive point of view.

C. Behindhand Research Methods of Graduation Thesis and a Lack of Practical Guidance

A very important aspect of graduation thesis is the research method. The traditional research methods are literature research, investigation, experiment, quantitative analysis, case

study, etc. But most students tend to use literature researches. Though standing on the shoulders of giants can let people see further, without the own innovative ideas and further experiments but just a copy of the contents, it would be no guiding significance. In addition, with the development of computers, a lot of network questionnaires have emerged, which greatly saves manpower and material resources. However, it is also necessary to notice that the design of online questionnaires for college students is uneven. The respondents are not well positioned. They are often asked to fill in by their QQ friends or family members, which is not random, and the survey content is not representative.

D. A Lack of Initiative and Enthusiasm in Guiding Teachers and a Formality of Guiding

Many teachers think that graduation thesis guidance is the teaching task from the school. As long as they have completed the teaching tasks, graduation thesis quality has little impact on their own. As a result, they lack of the initiative and enthusiasm in guiding students' thesis. Many instructors put the focus of graduation thesis guidance on graduation thesis format in order to cope with the examination of the dean's office, ignoring the content of graduation thesis.

III. THE POSITIVE SIGNIFICANCE OF COLLEGE STUDENTS' INNOVATION AND ENTREPRENEURSHIP PROJECTS TO GRADUATION THESIS WRITING

The strategic theme of China's long-term education clearly points out that improving students' innovative spirit of exploration and practical ability of solving problems is the focus of teaching. Especially, higher education should cultivate practical talents for the society and enterprises. Students should attach equal importance to morality and ability. They should not only master knowledge and skills, but also have the ability to be independent and practical. They should be able to adapt to the society actively and build their own future. The university encourages college students to carry out innovative and entrepreneurial projects, which not only provides them with a relaxed and good atmosphere and professional technical guidance, but also responds to the call of the country, and greatly improves the success rate of entrepreneurial projects, which has a certain role in promoting college students' innovative spirit and practical ability. Therefore, in the context of mass entrepreneurship and innovation, it is of great significance to review the status of undergraduate graduation thesis and carry out undergraduate innovation and entrepreneurship projects.

A. Promoting the Transformation of Educational Concepts in Colleges and Universities

The task of colleges and universities is to cultivate innovative talents. However, traditional teaching concepts cannot well stimulate students' innovative consciousness. Moreover, the general knowledge of universities cannot be well applied to enterprises, resulting in the condition of some students being unemployed upon graduation. So with the establishment of the university business incubation platform, more and more students according to their own interests into entrepreneurial boom, so that they can do it so well, and the

findings of innovative entrepreneurial project can be well put into paper contents, which really realizes the goal of education, making the graduation thesis can really matters.

B. Encouraging Students to "Study from Research and Study to Research"

The real purpose of graduation thesis is that students can make flexible use of the knowledge from four years' learning, put forward constructive opinions according to their own interests, and demonstrate the rationality of views through a series of research methods. In the innovation and entrepreneurship project, students can not only enjoy the preferential policies provided by the state and the school, but also give full play to their professional skills, so that the theoretical knowledge in the book can be applied in practice. Teachers can also give technical guidance to students with their own strengths, and conduct assessment and research on students' excellent projects, so as to ensure the success rate of students' innovation and entrepreneurship projects, and truly realize the theory of "studying from research and studying to research" to restore the essence of graduation thesis writing.

C. Improving Students' Ability of Scientific Research Innovation and Self-employment

What's learned from books is superficial after all. It's crucial to have it personally tested somehow. The knowledge learned in university is mostly theoretical and lacks practical operations. However, the talents needed in today's society are mostly professional and technical talents, and the good scientific research innovation ability and independent entrepreneurship ability are often lacking in today's college students. Therefore, the implementation of college students' innovation and entrepreneurship projects is imperative in order to better enrich the theoretical study of the university, and to make the undergraduate graduation thesis topic selection accurate, highlighting professional values.

D. Giving Full Play to the Guiding Role of Instructors

Teachers should have the spirit of dedication and passion to guide college students in innovation and entrepreneurship training programs, and constantly improve their scientific research level and awareness of innovation and entrepreneurship. Prepare in advance to avoid students' blind declaration. First of all, students participating in the project should be reasonably evaluated, and the cultivation of innovation consciousness should be strengthened in daily education, so as to guide students to connect with their majors, encourage them to put forward innovative ideas, apply the theoretical knowledge they have learned to solve practical problems in production, and in turn promote their interest in learning theoretical knowledge. In the process of continuous questions and answers, they can form innovative ideas. In daily teaching, students should be trained to conduct research-based learning, master the skills of designing experimental programs, effectively analyze and process data, and write summary reports.

E. Actively Improving the Conditions for Project Implementation and Providing External Guarantee for the Project

Besides the most important internal factor of "people", several external factors are also very important for the smooth implementation of the innovation and entrepreneurship training program for college students. Good external conditions will have an icing on the cake effect on the implementation of the project; on the other hand, without the support of external conditions, it will cause many difficulties to the project, even leading to the lagging behind and abortion of the project. Venues: the cultivation of students' ability, especially the practical ability of innovation and entrepreneurship, cannot be separated from a good training platform. The practice platform should be established and improved to provide good training places for students. Free experimental sites and experimental equipment should also be provided for students participating in the project; Funding: according to the level of project approval and the content of project research, the school should carefully check and give appropriate funding support. For the projects with good implementation results and that are worth in-depth research, the university can also provide additional funds to encourage students to continue their research.

IV. CONCLUSION

As an important capital for the comprehensive development of a country, the cultivation of talents' innovative spirit is crucial to the transformation of the country's development. Therefore, the country's higher education shoulders an important task. Through constantly exploring, it can be found that only when the school inspires the students' innovative potential, can students maximize their own initiative, combine theory with practice, have real opinions in the graduation thesis, have personal unique insights, achieve real achievements into texts, and lay a foundation for the success of innovative entrepreneurial project to be carried out in the future.

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