

Problems and Suggestions in the Graduation Design of Private Undergraduate Colleges

Jingfeng He^{1*}, Junjie You²

^{1,2}School of science, Xijing University, Xi'an, Shaanxi, China

*Corresponding author. Email: he66hj573825625@qq.com

ABSTRACT

The undergraduate graduation design is a very important link. It is a comprehensive application and test of the knowledge learned in four years. In recent years, the quality of undergraduate graduation design has declined, especially in private colleges. This paper analyzes the current problems in the management of graduation design in private undergraduate colleges and proposes countermeasures to improve its efficiency. I hope it can provide a useful reference for the management of graduation design in private undergraduate colleges.

Keywords: graduation design, private undergraduate colleges and universities, management status, measures

1. INTRODUCTION

Graduation design refers to the project design or research thesis before graduation from various colleges and universities, and is the final link of practical teaching during school. The purpose is to cultivate the ability of college students to apply the theoretical knowledge and professional skills they have learned to practical problems in order to solve practical problems. The undergraduate graduation design is the final stage of undergraduate study, and it is also a very important part of practical teaching. Through the development of graduation design, students can comprehensively apply various basic theories and majors learned at the university level under the guidance of professional teachers [1]. Knowledge, solve practical problems, cultivate and exercise students' ability to integrate theory with practice, and improve their ability to analyze and solve problems. Especially for students of engineering colleges, the graduation design link is an indispensable practical process for comprehensively training students' innovative consciousness and ability, and strengthening the requirements and goals of quality education. It is unmatched by any other teaching link or any course. Substitution is of great significance for their future employment or further study. Graduation design is a manifestation of the comprehensive ability of college students at the stage of university education, and has a vital influence on their development after graduation.

2. THERE ARE MAJOR PROBLEMS

At present, there are many problems in the management of graduation design in private universities.

The main points are as follows:

2.1. The Management Rules and Regulations are not Perfect, and the Management Work is Difficult to Implement Efficiently

Most of the local private undergraduate colleges and universities have not been established or upgraded for a long time, and the management of graduation design is mostly in the exploratory and practical stage. The policies, management documents and rules and regulations at the top-level design level are imperfect and incompatible to varying degrees, which greatly affects the construction of graduation project quality monitoring system and the implementation of monitoring and management system. Private undergraduate colleges and universities in the management of documents and rules and regulations of the system, the problem is relatively prominent.

2.2. The Management Process is Extensive, not Strict and Meticulous

Undergraduate graduation project management involves a long process, many links and complex contents, which puts forward high requirements and challenges for managers to implement efficient management. Most of the private local undergraduate colleges and universities have short running time, limited management experience, and numerous transformation tasks, so it is difficult to achieve accurate and efficient management of the graduation project. Due to the rich network resources, it is relatively easy for students to obtain materials from the Internet, which leads to the high plagiarism rate of students' graduation thesis [2]. It seems that they have written a long speech, but their understanding of the subject is not deep. Even if there is a duplicate checking link, which limits the spread of plagiarism to a certain

extent, students always have a way to reduce the repetition rate. The above points are the results of the paper examination. In fact, there are some potential factors play an important role in the quality of the paper. For example, in terms of time, the graduation project is arranged in the eighth semester, which overlaps with the students' job search or postgraduate entrance examination, which will lead to some students unable to concentrate on the graduation project. In terms of teachers, the enrollment expansion of colleges and universities leads to a high ratio of students to teachers, and each instructor often guides more than ten or more students. At the same time, many young teachers directly take undergraduate graduation project after graduation from school, and the lack of practical work experience will also have a negative impact on the quality of graduation design. In addition, it is also an important reason that the guidance teachers are not strict with the graduates. Some teachers think that the students are about to graduate, and the graduation project is not too bad. On the surface, this kind of situation is to love students, but it is harmful to students [3]. Only when teachers understand the importance of the graduation project, strictly take charge of the check, and improve the quality of the graduation project, can the students get exercise in this link, so that they can deal with different challenges more calmly after they go to work.

2.3. The Quality Supervision and Evaluation System is not Scientific and Perfect, and the Quality is Difficult to Guarantee

2.3.1. The evaluation content is single

At present, most of the application-oriented universities generally pay more attention to the results than to the process in the evaluation of graduation design. The evaluation is mainly focused on the oral defense, and the results of the graduation project are strictly checked, while the quality of each link in the whole process of the graduation project is rarely evaluated and monitored effectively. In the graduation project, there is insufficient argumentation on the topic and lack of evaluation and monitoring, which eventually leads to changes in the topic of the thesis when students are close to the conclusion of the thesis and the defense, resulting in hasty time for completing the thesis, and ultimately it is difficult to guarantee the quality of the thesis. In addition, due to the lack of a whole-process evaluation and supervision system, it also leaves certain hidden dangers to the occurrence of academic misconduct.

As a result, the time left for the completion of the thesis is in a hurry and it is difficult to ensure the quality of the thesis. In addition, due to the lack of the whole process evaluation and supervision system, there are some hidden dangers for the occurrence of academic misconduct.

2.3.2. The evaluation subject is single

The main school instructor in the defense of the graduation design of private undergraduate colleges and universities will then submit it to the professional defense committee and school management department for review and approval. Almost no outside experts, scholars, social evaluation agencies and business representatives participated in the evaluation. The evaluation subject is single, so it is difficult to guarantee the objective notarization of the evaluation results. The management measures for graduation design stipulate that the graduation project performance evaluation is mainly composed of three parts, namely, the instructor evaluation, the teacher evaluation, and the defense performance. The instructor evaluation is the most important part, accounting for 50%, 20% and 30% respectively. This kind of evaluation subject composition and evaluation mechanism can easily lead to the distortion of graduation project evaluation results because of the level and responsibility of some instructors.

3. DISCUSSION ON MEASURES TO IMPROVE MANAGEMENT QUALITY

Improving the level of graduation design is related to the quality of running a university, the implementation of the talent training program and the quality of students. Based on the experience of several years, the author puts forward the following suggestions, hoping to help and draw lessons from the improvement of graduation design quality management in private undergraduate colleges.

3.1. Perfect the System and Mechanism, Optimize the Top Design

The standard and perfect system mechanism of graduation project is the basis of graduation project management. Therefore, the management departments of Application-oriented Colleges and universities should focus on optimizing the top-level design to provide an institutional basis for management. First of all, as the leading unit of graduation project work, the Academic Affairs Office of each school needs to think about the ways to improve the management of graduation project from the height of the whole school, and summarize and promote good experience and practice. Combined with the opinions collected, it is suggested to revise and improve the normative system documents such as various management methods, notices, forms and attachments regularly, so as to provide a reliable system guarantee for the standardized and orderly operation of graduation project. Secondly, it is necessary to give full play to the positive role of each department, encourage each department to refer to the school running orientation and training objectives of the University, and refine and

adjust the various management methods and evaluation standards formulated by the university according to the professional characteristics. We should change the method that the tutor's score is 50%, the reviewing teacher's score is 30%, and the defense score is 20%. We should change the score of the evaluation teacher from 5-. The 8-member exhibition jury will grade all the students' works, and take the average score as the score of the teacher to ensure the fairness of the score and the recognition of the students' creation. Similar adjustments are more symbolic of the actual grading of the major. Finally, private undergraduate colleges and universities as a type of colleges and universities different from academic universities, should actively explore and innovate the form of graduation design with application-oriented characteristics, change the traditional evaluation form of graduation evaluation of Application-oriented College Students with a paper, actively explore the evaluation method of students' classification guidance, improve the quality of graduation design, and make graduation design and application. In order to achieve the goal of high-quality application-oriented talents, the training objectives of type-I talents are consistent, highlighting the characteristics of application-oriented and practical.

3.2. Strengthen the Process Management, Strictly Control the Important Links and Passes, and Improve the Management Efficiency

The undergraduate graduation project has a long work cycle, many content links and high quality requirements. Therefore, it is not only necessary to carry out scientific, standardized and institutionalized top-level design and perfect the quality control system of graduation design, but also must take the initiative to conduct comprehensive management from all aspects of topic selection, guidance, and defense to improve management efficiency.

3.2.1. Strengthen the topic selection and lead the students to think twice before writing

Topic selection is the key to writing a graduation thesis. The nature, difficulty and weight of topic selection are very important to achieve the goal of undergraduate teaching. In view of the frequent change of topic selection in the process of students' completing the design, which leads to repeated writing, which seriously affects the quality of graduation thesis, the management departments of colleges and universities should adjust the working ideas of graduation design and take the topic selection of graduation design as the key link in the initial stage of management. It is necessary to organize experts outside the school to review the topic selection of the major thesis, and it is not allowed to leave the topic selection to the students if the problem is large and the proposition update rate is less than 30% [4]. This way can effectively avoid the problems of insufficient topic selection and poor quality. In addition, in order to give

students more time to choose and think about the topic, the school has made specific arrangements for the topic selection and guidance of graduation thesis in the first semester of senior year. All teachers participating in the guidance are required to determine the topic selection of student thesis and submit it to the professional colleges at the end of the seventh semester.

3.2.2. Attach importance to the interim defense, and strictly manage the process

In the mid-term oral defense, every student is required to participate in it, otherwise, the final graduation defense qualification will be cancelled. At the same time, the score of mid-term defense is included in the total score of graduation project according to the proportion of 10%. Through the introduction of graduation design management system, the school manages all aspects of the graduation design and strictly controls the whole process, so that every step of the graduation design process can be documented. Through the implementation of these measures, students pay more attention to the graduation project. At the same time, we also plan to improve the evaluation standard of the tutor's evaluation and mutual evaluation of the graduation project. If the previous evaluation link is not qualified, the evaluation of the next link must be stopped. This makes the graduation design process closely linked, and the responsibility of the executors of each link is clear, which is undoubtedly very helpful to improve the quality of graduation design.

3.2.3. Improve the quality of graduation thesis writing

As for the format of the undergraduate thesis, the educational administration department of the university has given specific requirements. It is often found that many students seldom read normative requirements carefully. The fundamental reason is that they do not pay enough attention to it. As long as the attitude is correct, the format problem can be easily corrected. The author's experience is that from the beginning of graduation project, the importance of writing standards is emphasized. Before writing a thesis, students must seriously study the standard requirements. From the beginning of writing, every step should be operated in strict accordance with the standard. The writing and typesetting of the paper, the drawing of charts and references must meet the requirements. This not only reduces a lot of unnecessary workloads, but also cultivates students' strictness Realistic working attitude. When reviewing the first draft of a student's paper, first check the title, abstract, introduction, body, conclusion, references, etc., and then check whether the paper structure is reasonable and whether the sequence is logical, if there is a problem with the structure of the thesis, communicate with the students in time to guide its

revision and adjustment. In the content of the paper, we should pay attention to the writing method of the abstract. The abstract is a high generalization of the research content of the paper. We must use refined and accurate language to express the purpose, main content and results of the research, so as to avoid too much explanation of the writing purpose, background or significance in the abstract. The text especially emphasizes that students must fully express their own work and original ideas and methods, instead of using a large amount of ink in the introduction and known theories and methods. As the guidance teacher of graduation project, it plays an important role in improving the quality of students' graduation thesis writing by checking the format, structure and content of the students and urging them to revise the improper points in the thesis in time.

3.2.4. Perfecting the system of mutual evaluation and duplicate checking of papers

The college should formulate the evaluation standard of graduation design according to the professional characteristics and specific conditions, at the same time, it should also consider the possibility of implementing blind evaluation of teachers outside the school, so as to better reflect the principles of openness, fairness and justice, which is conducive to effectively improving the quality of graduation design and achieving the established goal of talent cultivation. Through the combination of duplicate checking and paper readability, in addition to improving the duplicate checking system, many copying phenomena are exposed in the copy ratio, and the readability of the article is also evaluated to prevent students from reducing the copy ratio and reducing the readability of the paper. This requires students to learn from the information on the Internet, but also to fully understand the information on the premise of the information into their own language, deepen the understanding and understanding of related fields.

3.2.5. We should close the Defense Review and promote overall quality improvement. The evaluation and thesis defense before the defense is the review and evaluation of the authority before the final draft of the graduation thesis

If the last pass is not strictly checked, it is likely to easily let go of the unqualified graduation design, thus affecting the overall level of the graduation thesis. Therefore, private colleges and universities need to take various effective measures to ensure the overall quality of papers [5]. The second level college carries out the quality evaluation on the graduation design work of the college, and requires at least 2-3 experts outside the school to spot check the graduation design of students with the proportion of no less than 10% in each grade of "excellent, good, medium, pass and fail", focusing on the evaluation of "teaching effect".

3.2.6. Reward the excellent and punish the inferior

The Graduation project should not be a one-sided emphasis on different passing rate, and the graduation project link should be strictly controlled. On the one hand, the instructor encourages students to extend research or reuse the original graduation design achievements, such as publishing papers and applying for patents, and formulate corresponding incentive measures [6]. On the other hand, the implementation of the "two defense system and the last elimination system", for students who fail to pass the first defense, we will give the second opportunity to reply. If the second defense still fails, it will be deemed that the graduation project is unqualified. Combine the reward and punishment measures with the last elimination system to enhance students' sense of crisis. Strengthen the management of all aspects of graduation design to achieve the training goals.

3.2.7. With the help of information technology, we should be brave in reform and innovation, and promote the innovation and development of graduation project management

Reform and innovation is the first power to lead the development", and it also needs reform and innovation to promote the new development of graduation project management. Undergraduate graduation project management workload is heavy, time requirements are tight, the impact on the quality of undergraduate teaching. Especially in recent years, with the deepening of teaching reform, the number of graduates is increasing every year, which makes the management of graduation project more difficult. Each school invests countless paper and human resources every year. The rapid development of modern information technology provides favorable conditions for application-oriented universities to solve the above management problems and carry out graduation project management innovation.

4. CONCLUSION

In order to keep pace with the times, this paper analyzes the root causes of weak scientific research ability, difficult employment, low quality of graduation thesis and even plagiarism, it puts forward a new teaching scheme of graduation thesis to cultivate students' scientific research ability, and to reform the traditional graduation thesis teaching system which is used by most colleges and universities in China, which meets the characteristics of the times and social development, so as to improve the students' comprehensive ability and cultivate talents suitable for modernization. This method has a high popularization value.

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