

Analysis on the Construction and Implementation of the management system of university innovation project

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Abstract. Implementing innovation and entrepreneurship education in colleges and universities, cultivating college students with innovative qualities and entrepreneurial abilities is the main way to build an innovative country. However, the university students' innovation and entrepreneurship training program is indispensable for innovation and entrepreneurship education, and has become an important part of the undergraduate teaching quality and teaching reform project in colleges and universities. With the development of Internet technology, the management platforms of various industries have become an indispensable means and tools for many managers to manage projects. In every industry, there are some excellent management platforms. No matter which one, they are very powerful and play a huge role in their respective fields. Therefore, this paper builds and implements the management platform of DaChuang project from the perspective of increasing the propaganda of Dachuang project, effectively screening the topic of DaChuang project, strengthening the process management system to the docking transformation of Dachuang achievements, and building the platform for the Dacre project. The management of DaChuang projects has played a big role.

1. Introduction

College students are the people with high knowledge level and the high-level cultural quality cultivated in our society. The times will give them the responsibility to build a high-tech society and transform the society. Colleges and universities have been exploring the teaching reform and scientific research practice. Since the implementation of the national, provincial and university level innovation and entrepreneurship training programs, more and more colleges are focusing on the cultivation of academic research, innovation and entrepreneurship. Pay more attention and energy to the cultivation of college students' innovative and entrepreneurial ability, and show the effectiveness of the innovative thinking and innovative spirit of college students from the Dachuang project[1].

At present, we have established a national, provincial, school (institutional) level three-level innovation and entrepreneurship training program implementation system, innovative talent training mechanism, strengthen innovation and entrepreneurship training, and strive to cultivate college students' innovative spirit, entrepreneurial awareness and innovative entrepreneurship, and promote students comprehensive Develop and cultivate high-level innovative talents that meet the needs of innovative country construction[2].

2. Analysis of the main problems in the management and implementation of DaChuang project

At present, the following problems are common in the management and implementation of DaChuang projects:

(1) Students lack a holistic understanding of their own projects, do not know whether their projects have been declared, whether there are acquaintances of project books for reference, the repeated

declaration of projects is a waste of resources, but also a consumption of students' ability, not sufficient Bring into play the role of Da Chuang project in the cultivation of innovative talents[3];

(2) Students have limited understanding of teachers. Most of the selected instructors are their own teachers. They don't understand other teachers and research directions. They don't know their interests, which greatly limits the diversity of the project and the teachers are not fully use;

(3) Lack of process management. At present, Daiso's assessment process is too simple. Only mid-term inspections and final review are conducted. In the past few months, the colleges and schools have intensively checked once. The completion of the project is not well monitored in real time, resulting in poor self-control ability and negative absenteeism. Classmates can't complete the problem in time

(4) The research results of Da Chuang project can not be well connected with enterprises, and the role of school-enterprise cooperation is not fully exerted. For the Da Chuang project that is completed every year, the research results will be publicized on the Da Chuang platform. The platform will be open to the enterprise, and the results with practical application value can be industrialized by the joint enterprise[4]. This is not only the value of innovation and the exercise of students' ability to communicate and coordinate.

3. Solution to problems in the management and implementation of Da Chuang project

3.1 Increase publicity efforts to stimulate students' enthusiasm for innovation.

Collecting and tidying up the results of the "College Student Innovation and Entrepreneurship Training Program" project in the past years, designing and binding the profile into a book. Each freshman is admitted to the school, which is convenient for students to understand and learn the achievements of our university.

3.2 Strengthen the establishment of information management platform

The establishment of the "Da Chuang" information management platform, through the information platform to display the details of the projects over the years, can avoid repeated declarations, but also let students understand the existing results, and understand and grasp their own projects as a whole. Through the information platform to understand the research direction and alternative topics of teachers with guiding projects, select your own instructors in a targeted manner.

3.3 Establish a platform for sharing research and experiment on and off campus to achieve industrialization of innovative and entrepreneurial achievements

Introduce external resources to carry out various forms of school-enterprise cooperation, and actively expand the experimental instruments and resources of the off-campus research platform and enterprise industry based on the existing schools and colleges of the school and the tutor studio. School-enterprise cooperation project through cooperation and sharing agreement, On the management platform, the students upload the progress of the Da Chuang project in real time. The enterprise can see the completion of the project on the platform, invest and process the project with market prospects, achieve industrialization and achieve a win-win situation.

3.4 Establish a platform for teaching management and practice innovation in colleges

Since the innovation and entrepreneurship education based on Da Chuang project is not exactly the same as the traditional teaching concept, the corresponding teaching management system should be established and improved, for example:

(1) Use the Office of Management to replace credits with innovative practice credits;

(2) When mechanical students are divided into majors, they will give priority to students who have participated in Daiso projects and have excellent academic performance;

(3) Providing opportunities for offsetting with innovative credits for students who violate the school rules due to bad habits in daily life;

(4) Allow students to retain their academic status and practice innovation and entrepreneurship, creating more possibilities for students to grow and become talented.

4. The research approach and method of the subject

Utilize dachang management platform to cooperate with all walks of life to unify the company's own R&D technology innovation needs with the school's talent training needs, and integrate it into the student DaChuang project[5]. The students in the “Da Chuang” project research solve the problems of student equipment and funds. The results of the student project are directly applied to the production practice of the enterprise, which produces real economic benefits and also delivers outstanding graduates for the enterprise. You can also combine the “Da Chuang” project with graduation internship and graduation design to enable students to get exercise during the internship, Improve the output of the research results of the project while completing the graduation design, and improve the rate of completion.

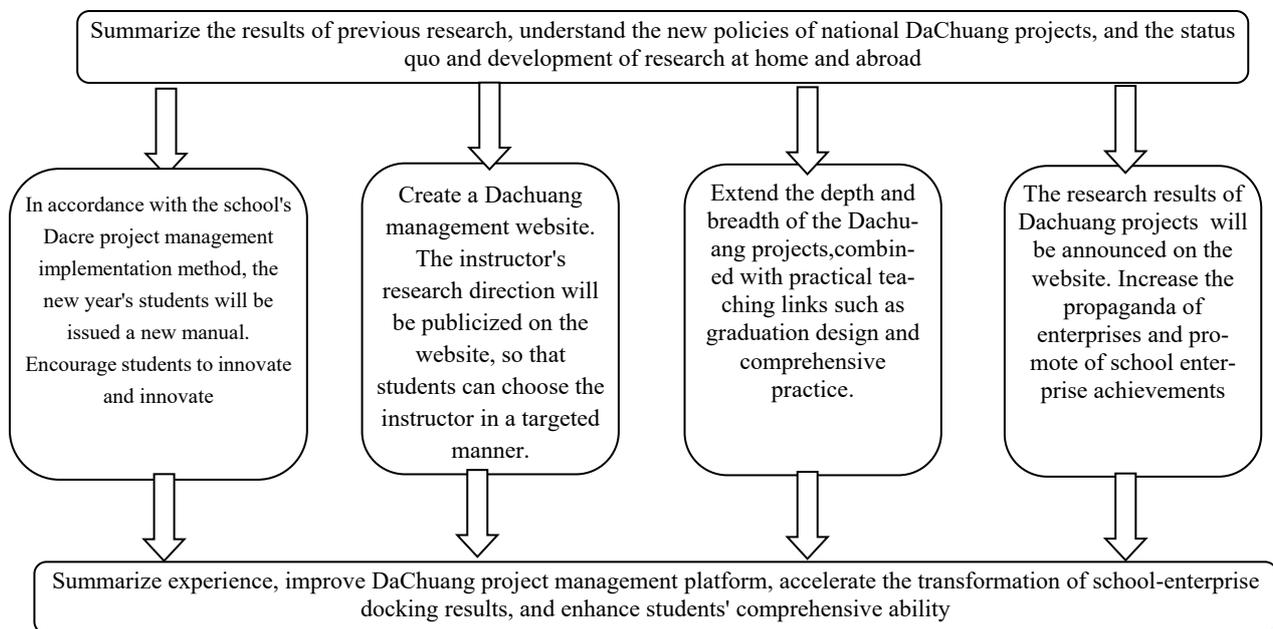


Fig. 1. Effective Ways to Build Dachuang Project Management Platform

5. The impact of the construction of the management platform on the management process of DaChuang project

5.1 The establishment of DaChuang project management platform effectively eliminated duplicate declaration projects and reduced the workload of staff

Students lack a holistic understanding of their own projects, do not know whether their projects have been declared, and repeated reporting of projects is a waste of resources and a consumption of students' abilities. Through the information platform to display the details of the projects over the years, you can avoid repeated declarations, and let students understand the existing results, and understand and grasp their own projects as a whole[6].

5.2 The establishment of DaChuang project management platform laid the foundation for the transformation of Dachuang project achievements

The construction of the platform has solved the problem of industrialization of Dachuang achievements for students. Dachuang management platform is introduced to enterprises, students can

process products with market prospects according to market demand, serve the society, and realize the significance of Dachuang projects to a greater extent.

5.3 Da Chuang Project Management Platform sets up student achievement briefing column.

The results summary column is easy for students and classmates to learn from each other. The results briefing column also facilitates the cooperation of later scientific research projects, giving full play to the students' own strengths and advantages, and also training the opportunities and experiences of students and enterprises to negotiate and cooperate with Dacheng project management platform. Students can independently recruit and recruit teams on the platform according to the needs of the later development of the project, facilitating the follow-up development and production management of the project.

6. Summary

This paper proposes to build a DaChuang project management platform for the problems in the management and implementation of DaChuang project. The platform covers innovative training programs, entrepreneurship training programs and entrepreneurial practice projects to achieve horizontal coverage. At the level, from the national level, the provincial (city) level, the school level to the hospital level, achieve vertical penetration. In terms of time, set key nodes, realize deep control, master the progress of the project in real time, form a comprehensive and three-dimensional Da Chuang project management platform, and lay a good foundation for the transformation of Dachuang project results.

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References

- [1] W. Liang, L. Y. Zhou, and Y. Ding, The construction and implementation of the project management system of local colleges and universities in the whole process, *Higher education forum*, no. (11), pp. 86-89, 2016.
- [2] H. Y. Cai, Z. P. Gou, and M. Y. Xu, Research on the Project Management of Innovation and Entrepreneurship Training Program for College Students, *Education Teaching Forum*, no. (1), pp. 12-15, 2018.
- [3] W. T. Wen, D. R. Fan, and J. Wei, et al, Preliminary study on project management of innovation and entrepreneurship training program for college students-Taking the School of Electronic Information of Sichuan University as an Example, *Education Modernization*, no. (13), pp. 47-49, 2018.
- [4] Q. S. Yu, A Research on College Students' Innovation Training Program Evaluation Based on Process Management, *Journal of Wenshan University*, vol. 30, pp. 96-100, 2017.
- [5] G. S. Wang, Desige on "Internet Plus"and "University Students Innovation Entrepreneurial Training Plan" Management System, *Journal of HeiHe University*, no. (9), pp. 51-52, 2016.

- [6] Y. Cai, X. Xiao, The Construction of Management Mode of College Students' Innovation and Entrepreneurship Training Program-Based on the Perspective of Project Management, *Chinese university education*, no. (2), pp. 70-73, 2018.