

# Training Methods for Graduate Students in Chinese Local Colleges and Universities

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**Abstract:** In view of the local colleges and universities and universities information sciences graduate student innovation talents cultivation of subjective, formalization and indexing problem, local colleges and universities to boot into the process of graduate student training supervisors of graduate students, tutor by improve the quality of graduate education to serve the society, to promote each other graduate student training and scientific research. In short, local colleges and universities should improve the innovative talent training mode and evaluation standard, to cultivate high-quality talents in the field of information sciences graduate student innovation.

**Keywords:** local colleges and universities; graduate students; innovative talents

## INTRODUCTION

Information technology has changed the knowledge economy era of production and way of life, the local economy and the sustained and rapid development of information technology leads to thirst for graduate students innovative talents, this requires institutions of higher learning to cultivate innovative talents[Jiao Wan *et al*, 2014, Song Shi, *et al*, 2015].

A large number of high-quality information sciences graduate students also graduate education of the local colleges and universities teaching reform put forward higher requirements. However, the current information of local colleges and universities and universities of graduate innovative talent training there are many pitfalls[Chang-lin zhao. 2011, Feng Guo, *et al*, 2014, Hong-bin Qiu, 2013], embodied in the "subjective", "formal" and "index".

Produce the local colleges and universities information: is the root of graduate innovative talent training error of local colleges and universities to graduate innovative talents education teaching information input is not enough.

Local colleges and universities to encourage the graduate student application project, application of published papers and patents, but did not lead to tutor their scientific research achievements in the process of cultivation. Local colleges and universities are utilitarian..

The essence characteristic of the graduate students innovative talents is good at learning and creating, including several elements: reasonable knowledge

structure; they have strong ability of independent innovation, practical ability and innovation ability; they have competition consciousness and competition ability.

Therefore, cultivating graduate students innovative talents should be focusing on the cultivation of creative. Graduate students innovative talent training must adhere to the sustainable development of the graduate student, graduate students will be a solid innovation talent training, active thinking, strong practical ability, high-quality specialized personnel development potential of the information subject.

## TRAINING MODE

Curriculum reform is the high quality of local colleges and universities information sciences graduate innovative talent training mode reform, the focus of the teaching focus reflects the education ideas.

We select the teaching content, to optimize combination. Local colleges and universities graduate student innovation talents training course according to the information industry of the practical need of revision, adjustment of the curriculum. The research direction was set up based on the characteristics of direction characteristic courses, such as network protocol and the programming, information security technology advanced course information such as the subject. Information sciences graduate student curriculum reform.

Tutor should be combined with all the truth, pay attention to the graduate student's subjectivity, let them have creative skills. The balanced development of graduate education, the establishment of loose innovative talents environment and shape information sciences graduate student's innovation ability; Information subject cross from curriculum system can optimize the structure of the graduate student's knowledge, to cultivate student ability to innovate.

Curriculum system is the local colleges and universities information sciences graduate students the foundation of the innovative talent training mode reform. Graduate tutors guide the graduate students, they using the classroom teaching and the training mode of combination of scientific research project, actively carry out academic discussions, scientific experiments and social practice, strengthen the innovation ability training.

Innovation ability need to form in practice [Hui-qiang Li, *et al*, 2011, Jin-ping Wei, 2008,]. High quality of local colleges and universities information sciences graduate innovative talent training system is a kind of society and the practice of talent training, especially attach importance to the cultivation of innovative thinking and innovative ability of graduate students.

(1) Practice link to cultivate high-quality talents in the field of information sciences graduate student innovation of local colleges and universities of practical ability and innovation ability is particularly important. At present, the local colleges and universities graduate practice link restricted the training quality enhancement, we need to reform practice content, practice training scheme should be established in order to promote the cultivation and practice together, strengthen the cultivation of engineering practice.

(2) The local colleges and universities also use hand in hand with local advantages, cooperation with local companies, construction of the combination of information science and innovation experimental base and innovation platform, so as to promote high quality of local colleges and universities information sciences graduate innovative talent training. We open laboratory of conditional, allowed to graduate at the completion of basic research on some exploratory research, cultivating graduate students found that the problem, comprehensive ability to analyze and solve problems. We founded at the university of entrepreneurship park, information sciences graduate student innovation demonstration effect on cultivation of talents and teaching reform in local colleges and universities.

(3) Local colleges and universities integrating the advantage of the enterprise and social resources,, establish a double training team, to strengthen the construction of enterprise part-time tutor team, then they can improve the local colleges and universities information sciences graduate student's practical ability. Local colleges and universities and

enterprises to establish joint laboratories, they employ senior technical personnel for the lecture, then carry out flexible experimental projects and innovative research. To promote the reform of graduate education in information science, perfect the local colleges and universities information sciences graduate student innovation personnel training mode.

(4) Establishing the talents training goal of dynamic mechanism, timely reflect comprehensively the economic and social needs, training really conform to the actual demand of the information technology innovation talents. Shift in local colleges and universities information sciences graduate student innovation personnel training mode, and have the cooperation of big business , let graduate students to the enterprise practice, set up information sciences graduate innovative talent training mechanism of university-enterprise cooperation.

## EVALUATION SYSTEM

In terms of talent evaluation. Must adhere to the test of practice standards. To cultivate innovative talents should be the main aim of local colleges and universities. Evaluation system mainly includes the daily training evaluation of graduate education has an important influence. Scientific and reasonable evaluation system of local colleges and universities information sciences graduate student to attach importance to cultivating creative personnel in the direction of innovative talents.

Evaluation is capable of detecting found the status of the graduate student innovation training, graduate students innovative talent training information for the improvement of local colleges and universities information of graduate innovation provides the basis for personnel training work and help. To improve the existing local colleges and universities information sciences graduate innovative talents evaluation system, so as to promote the cultivation of innovative talents, needs to consider from the following aspects.

(1) Reform the existing education evaluation system and the system. At present, with a single measure process of graduate student training is also very common, severely restricted the cultivation of innovative talents. For the evaluation of the process, should be the main examination graduate student innovation ability, appraisal purpose is to really understand the graduate student's innovation ability. In addition, graduate students to carry out the innovative organization, to produce innovative technology products, including scientific and technological inventions. Comprehensive evaluation can represent the graduate student innovation level and the development direction.

(2) Daily for graduate training process, Should not only comprehensive measure of graduate students, but also should attach great importance to the performance of unilateral, attaches great importance to the comprehensive, and emphasize the personality

and special skills. Such imagination to make graduate students and create space, let them show their own creative potential, More to the graduate practice of innovation, the creation opportunity, let its innovative consciousness into science and technology works.

Evaluation not only have the effect of the detection, feedback, and make graduate student performance the cultivation of the innovation process. In addition, including science and technology innovation project list for graduate students in a given period of time produce results. This can not only exert the graduate student's creative thinking skills, operation and can measure the graduate student's innovation practice ability.

### CONCLUSION

Local colleges and universities establish the status of graduate students innovative talent training in the school, local colleges and universities establish the scientific research and training process, the relationship between social services and training process, establish a scientific and reasonable evaluation system. Tutor must be into the process of graduate student training guide, just may promote each other graduate student training and scientific research.

We want to make local colleges and universities establish the status of graduate students in the school, must change the thinking of local colleges and universities. In addition, the local colleges and universities must want to have more autonomous rights of running as well as the market competition mechanism, make university attaches great importance to the graduate education. In short, local colleges and universities should improve the innovative talent training mode and evaluation standard, to cultivate high-quality talents in the field of information sciences graduate student innovation.

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