

3.3. Optimizing the curriculum system

The cultivation of top innovative talents needs to optimize the curriculum system. It needs to construct the course system of "platform +module". Platform course includes public degree courses and professional degree courses, it focuses on the strengthening of the professional basic theoretical knowledge, lays the theoretical foundation of solving practical engineering and technical problems, the learning and assessment are completed in the school. Modular curriculum pays attention to the application of theoretical knowledge and the training of engineering practice ability, tutors in the team commonly design elective courses according to students' various factors, and they are completed in team training base.

3.4. Creating the environment of the growth of talents

To cultivate top creative talents, good external environment is very important. The formation of the environment is to create the rigorous, realistic, and active academic atmosphere. Innovative education and teaching methods must be helpful to the cultivation of students' innovative consciousness and thinking, cultivating the students' intelligence factor, at the same time, we should pay attention to the cultivation of students' non-intelligent factors, such as "motivation, interest, will and character" and so on. Non-intelligent factors on the innovation process play important roles of "initiating, orientation and guide, maintain, reinforcement, regulation and compensation". Secondly, good teaching and experimental environment is the basic condition of cultivate top innovative talents. Reform the teaching management system, and attach im-

portance to the development of students' personality. Reform education concept, and pay attention to the cultivation of their practical ability. Downsize the teaching content, teach students according to their aptitude, and pay attention to the cultivation of the students with special expertise. Through a series of reform measures, build external environment beneficial to the growth of top innovative talents.

All in all, it is a Long-term and arduous task of training top innovative personnel, and it is also a systems engineering. The training of top innovative personnel should be adapted to national and social development needs, follow education law of development and talent growth pattern. deepening education system reform, accelerate the update of teaching content and teaching method. Universities should be based on their own school conditions and characteristics, and establish scientific and effective top innovative personnel training mode.

References

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