

Design Contest and extra-curricular science and technology activities. In the 2011's NUEDC, 3 national first prize and six second prize were achieved by SEU, which had totally 42 teams participated. More than 30 projects were accepted in the 2011 national and provincial undergraduate research training program. And 31 projects were accepted in SRTP. At the same time, the electronic design contest, smart car competition, PLD contest, embedded systems and other competitions were also organized in the campus. Nearly 1000 students participated in those contests each year, which means 60% -70% of student learning electronic information. Students' capability in active learning and research improved significantly. In 2011 electronic information professional students received a total of more than 20 national patents, and have published 25 research papers.

Students' self-learning ability and overall quality has significantly improved under the of hierarchical practice teaching system. A lot of them were recommended to graduate school exemption. They showed obvious advantages in specialized courses learning, graduation design, graduate studies and development into the community. They also have been widely welcomed by employers and graduate instructors.

V. CONCLUSIONS

After several years of teaching reform, research and exploration, mutual support and promotion between NUEDC and practice teaching reform are taking effect.

The hierarchical practice teaching system is conducive to the students to break the course boundaries and strengthen

the integration and use of knowledge. By establishing thematic seminars of different disciplines and backgrounds, experiments and projects with new technologies, new knowledge and new device were merged into the hierarchal practice teaching. This led to the continuous training of the students' engineering capability of learning, query, expand knowledge, research and exploration, programs discuss, design simulation, system implementation, debugging and testing, analysis and summary and overall quality.

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