

Paradigma Solar Energy Company, China National Heavy Duty Truck Group Corporation, Shandong Wu Zheng Group and Shandong Ju Ling Group. Materials functional laboratory which is cooperating built by our school and Jin Jing Group encourages postgraduate to participate in scientific research project. The latest research achievements will be integrated into practical teaching in time, which makes the postgraduate understand the academic front development conditions, and strengthens the innovation consciousness. Moreover, materials functional laboratory also updated the practical teaching content, and improved the practical teaching reform, and promoted the training base construction. The organic combination between the university and enterprise can give full play to the enterprise's effective resources. The "building function glass" laboratory which is cooperating built by our school and Jin Jing Group explores to transmit the production process data of large-scale production line for low radiation coated glass to the classroom teaching. In the process of solving the difficult technical subject, we introduced the technical ideas into the practical teaching, and designed some innovative experiments. For example, the subject achievements of "technology and application research of Solid Boron - Chrome Co-soaking" is applied by Shandong Ju Ling Group to the drill bushing, which increased the wear, prolonged the service life, improved the production efficiency, and saved the capital more than \$ 1 million.

5. Conclusion

In short, with the rapid development of the high-tech, we should focus on service in the local economy, promote social development and enhance the ability of independent innovation. On the idea of

large-scale engineering, we centre the "innovation consciousness, creative ability, entrepreneurial spirit and ability" to training the postgraduate. We explore the breakthrough point, form and running mode of cooperating training base to set up the long-effect mechanism of training mode, and improve the innovation ability and the training quality. Thereby, it can meet the need of social high-level professional talents, and lay the solid intelligence foundation for the country's economic construction.

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7. References

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