

Renovate University Collaboration with Industry

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The relationship and collaboration of the university and industry in the present era is rising due to the emergence and influence of modern technologies worldwide. So, the survival and development of the university and industry in national and international competitions depends on effective cooperation between them. In this article, by pointing the goals and necessity of collaboration between the university and industry, this approach of collaboration in the United States, the United Kingdom, and Japan as relatively successful patterns have been studied. The cooperation in the United States and the United Kingdom, due to large research university systems, has many similarities, but is quite different in Japan. As in Japan, collaborative policies emphasize technological targeting, the United Kingdom for research foresight plans and priority setting in science, and the United States for long-term investment in basic scientific research. In recent years, these countries have improved their methods by taking advantage of each other experiences, as Japan is focusing more on basic research, and in the United States and the United Kingdom more focused on technology-driven research. Then, the pathology of the current state of collaboration in Iran has been explained. The role of each of the three pillars of this system collaboration namely, government as the policy maker, university, and industry, has been presented in the promotion of the qualitative and quantitative partnership between the university and the industry. Finally, with the question of "What should we do?" an attempt has been made to present the role of all three key factors for the practical, continuous, and sustainable collaboration of the university and industry.

Keywords: University and Industry, Science, Innovation, Technology, National and International Competition, Collaboration

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