REPORT
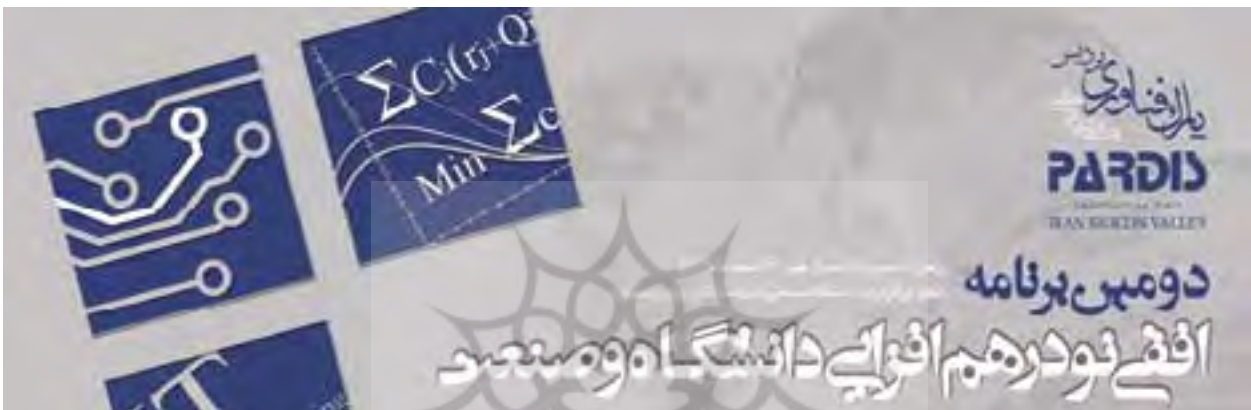
Commentary on the second Forum of "New Horizon in Synergism between University and Industry"

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Today, facilitating and maintaining the relations between the two areas of university and industry is of the main objectives of Science and Technology Parks. With this regard, the programmers try to establish proper hard and software, proper facilitations and finally, create the appropriate ground for "Technology, Innovation and Synergism" via these relations.

On the other hand, occupation and, brain drain have had attracted special attentions of the decision makers and officials of the country and turned into an intricate problem and an apprehension for them. Hence, establishment of the research grounds and, occupations for the elites of the society, are of great importance.

Pardis Technology Park (PTP), has taken this important issue into consideration, and has had done considerable actions and measures and, executed programs aiming to make the industry and university closer to each other. One of those programs is organizing forums by the title of "New Horizon in Synergism between University and Industry".

The first program of this group held on 13 – 15 April 2002, by PTP in association with TCO, Sharif University of Technology (SUT) and, The Ministry of Industry at

Sharif University of Technology place during which there were presented, about 500 job offers, nearly 70 projects for research at bachelor, master and PhD levels and the same number was the cases of vacancies offered to the students by the companies for employing trainees.

The second program was a one day forum, held on 2 March 2008, by PTP in corporation with SUT and Sharif Advanced Technologies Incubator (SATI), at Jaber-ebne-Hayyan Hall of SUT. Related managers and officials, university professors, Iranian experts, university students and the PTP tenant companies were present at the forum. There were 12 companies from PTP and 4 from the SATI. Also, more than 100 job offers and training opportunities and, a number of projects valued over 4.5 billion Rials at bachelors, master and PhD levels represented by the PTP companies to the students present at the forum.

For the opening ceremony, Mr. Sohrabpour (Chancellor of Sharif University of Technology), Mr. Safarinia (the Chairman of PTP), Mr. Hatam (Planning and Technology Development Deputy of the Ministry of Industry and Mines), Mr. Roosta Azad(Research & Technology Deputy of SUT) and Mr. Nayebi (the Head of the

Board of Moje Khavar Technology Co. – active in consultation, planning and executing electronic, electric, computer, telecommunication and, controlling projects), respectively, made speeches on the subject of the forum.

At the beginning of the ceremony, Mr. Sohrabpour, asserted that through two recent decades, technology parks have been known as a new event in the research system of the world and, have attracted the attentions by their ever increasing growth. He believed that, the sufficiency of the parks in completing the linkage between Industry and University has been resulted in their rapid improvement, either at quality or quantity, to the extent that, there are more than thousand of technology parks now existing in the world. He pointed out Pardis Technology Park as a national project which has been started its work in 2001, aiming to be considered as a model that is near to international standards and definitions, and added, the international experience shows that there are always one or more universities associating to the parks, supporting them scientifically. Sharif University of Technology has had accompanied PTP as the scientific support

Dr. Sohrabpur

Dr. Nayebi

Dr. Hatam

Eng. Safarinia

Dr. Roosta Azad

from the very beginning phases of the project. He reminded that, making benefit of 14 independent research centers, Sharif University of Technology has had a precious step forward on the way of functional research. Conclusion of project contracts between the university and other complexes outside, valued at 362 billion Rials, is an indicator showing the university's willingness and endeavor for turning into a job-creator university.

Mr. Safarinia, the second speaker, called attentions to the growing process of science and technology parks in the world and cited, that 53% of these parks have been established outside of the universities. He claimed that, normally, the ultimate level of co operation of these parks is sharing their laboratory facilities and equipment with the universities and added, one of the most important services of the parks is allocating spaces to R&D units branched off universities. Then he introduced the plans determined by PTP for supporting science and university centers and graduates.

In the continuation of the program, Mr. Hatam, assumed technology parks as a successful experience and, introduced them as the models, capable of being supported by the Ministry of Industry & Mine. He called the dissertations as the subjects imported from the universities into the industry and, as connecting doors between these two sectors. He assured, there are endeavors been made to direct the researches towards dissertations and commercialization of research results.

The program followed by the speech of Mr. Roosta Azad on the necessity of commercialization of research results of the universities. He pointed out the important role of the parks in completing the cycle beginning from the idea, ending into

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the product.

Mr. Nayebi, mentioned that the world experience indicates the importance of utilizing tool in order to bring the university researches in to result and, believed that only doing researches and just reporting the results as commentaries and articles without any functional follow up until realization of the final product, is not helpful and enough.

Subsequently, a number of the managers of the PTP tenant companies introduced the abilities of their units in the form of speeches. Mr. Noroozi, directing manager of Asalib Company- producer of chemical, pharmaceutical and hygienic primary materials-, Mr. Ansari, directing manager of Pargasiran Company- active in measuring the marine features of the country, holding the technology of making the wooden floats by layer wood system and, constructing marine structures-, Mr. Dabaghian, the head of the institute of Intellects' Technology Development, active in the field of risky investment and, Mr. Hashemi, directing manager of Sazegan Ertebat Company- design and manufacturing telecommunication transmitter and receivers at industrial and military applications-, while introducing

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the arena of activity of their companies, expressed their ideas – from an industrialist's point of view- about the inevitability of making linkage between two arena of industry and university, where Mr. Noroozi mentioned the necessity of paying attention towards the economical results of university researches and, represented a plan named: "fund for supporting the national products and, employment".

In the afternoon of the day of the forum, a round table held by the title of "Professional Clinics for Business and, their Role in Establishment of Effective Links between Industry & University". Mr. Farshbaf Maherian (programming & HR Development Deputy of The Ministry of Labor), Mr. Saljooghi (general manger of the Office for Development of Job Creators Affairs – Ministry of Labor), Mr. Dehbidipour (Manger of Sharif Advanced Technologies Incubator), Mr. Saberi (Manger of Investment & Finance – PTP) and, Mr. Zarnukhi (managing director of Iran Fund for Development of Technology) participated in the round table. Firstly, they discussed their points of views on the subject of the gathering and then, answered to the questions of the audiences.

The PTP tenant companies took part

appeared in the forum in following manners:

● Introducing their companies and achievements in the form of making speeches.

● Introducing their companies through an exhibition organized at the side of the forum.

The above-mentioned exhibition was arranged at the corridor of the Hall of the forum. The companies of; Fara Afrand,Sanat Samaneh Farda, Pargasiran, Asalib, Sanjeshe Daghighe Tool, Fanavari-e Moj-e Khavar, Petro Aria and, Resitan from PTP and, Carbon Sanat Saman, Parsa Polymer Sharif and, Aryan Farnab System from the Sharif Center for Development of Advanced Technologies participated in the exhibition and, while introducing their companies, they helped the students who was trying to find; projects to research or job and training opportunities.

Bearing in mind that, many of the educational projects will be ended up as just a research, in the forum, it was tried to propose the projects required by the industry, through making relations with hi-tech

companies, in the forms of projects offered for Bsc, Msc or PhD diplomas and, herewith, it was took a new step forward on the way of optimizing the exploitation of university potentials.

With this purpose and, for notification, in addition to using news agencies and publishing brochures, informative posters published and distributed through out the universities of Tehran province and, informative and guiding tables about employment of manpower and trainee and, introducing projects published by the SUT broadsheet as an annexed special issue.

It was possible for the interested students to study these tables, refer to the companies and, complete the related application forms for cooperation.

Regarding the significance of the forum, it attracted the attentions of news agencies, news websites and public media in vast scales and, considering the significant number of the students in the forum from Tehran and cites around, Pardis Technology Park is going to organize other forums in other universities of the countries next years.