

## *From Chairman's Desk*

The first decade of this millennium has witnessed unprecedented growth of pharmaceutical education in India. The number of graduates, post graduates and doctorates produced during this decade surpass all previous records. Growth of pharmaceutical industry too has been fast. Indian pharmaceutical industry is the most highly organized sector and plays an important role in promoting and sustaining development in the field of medicine on global basis. Low cost manufacturing facilities, highly educated, industrious and skilled manpower are added benefits to scale new heights in production, research & development, quality assurance and compliance with global regulatory goals.



Export has become an important driving force for growth in this industry with more than 50% revenue coming from the overseas markets. A survey undertaken by FICCI has predicted 16% growth in the export of India's pharmaceutical produce during 2009-2010. These are remarkable achievements of industry.

Globally, India ranks third in terms of manufacturing pharmaceutical products by volume. The Indian pharmaceutical industry is expected to grow at a rate of 9.5% till 2015. In 2007-08, India exported drugs worth US\$7.2 billion in to the US and Europe followed by Central and Eastern Europe, Africa and Latin America. The Indian vaccine market which was worth US\$665 million in 2007-08 is growing at a rate of more than 20%. The retail pharmaceutical market in India is expected to cross US\$ 12-13 billion by 2012. The Indian drug and pharmaceuticals segment received foreign direct investment to the tune of US\$ 1.43 billion between April 2000 and December 2008. All these facts and figures signify that we are on right track and requirement of appropriately qualified manpower shall continue. This is also a remarkable indicator for advancing pharmaceutical education and research in tune with global trend, to bridge the gulf of technocrats across the globe.

The new patent regime effective from 1<sup>st</sup> January 2005 is attracting multinationals to India for high quality research & development as well as clinical trial services.

However, challenges before the industry are enormous and need to be tackled in a collaborative manner by sharing knowledge and research acumen of academic and updating the academic curricula according to the need of industry so that employable human resource is developed in a planned manner and both industry and academic achieve their goal mutually and harness the benefits of each others strengths. The joint venture of industry and academia will definitely add new dimensions to industrial growth and social prosperity.

Research implies search for knowledge in a scientific manner, with an open mind, to establish novel facts. Unless research findings are published and utilized as technology its usefulness to society remains a far cry. Collection of data through experiments, honest observation and inferences are main tools of research. Let us explore every possibility for research in drugs and pharmaceuticals with conscious stress on practical application of research findings and strive to make every research industrially viable and socially relevant.

***Prof. Suresh Nagpal***