

# Science and Technology In Jiangsu

## Brief introduction of Jiangsu

Located along the east coast of China and in the Yangtze River Delta region, Jiangsu Province covers an area of 102,600 square kilometers with a population of 77 million. It is one of the highly opened up and most developed provinces in China in economy, science, technology and culture.

In 2009, the GDP of Jiangsu Province marked 3,406.1 billion RMB at an increase rate of 12.4% and its GDP per capita reached 6,475 U.S. dollars. Its economic volume ranked second in China and occupied more than 10% of the national total. The total volume of export and import was 338.8 billion U.S. dollars, ranking second in China. The actual foreign direct investment was 25.3 billion U.S. dollars, ranking the first place in the country for seven consecutive years.



## Development of Science and Technology

In 2009, the total research and development (R&D) investment of the society in the Province reached historic height of 68 billion RMB, accounting for 2% of the Province's GDP. The number of patent applications was 174,000, among which 87,000 had been granted, ranking the first place in China. According to the "2009 Report on China's Regional Innovation Capability" published by China Sci-Tech Development Study Group, Jiangsu has ascended to the first place in the whole country in terms of innovation capability.



## Development of Biotechnology

- Industrial clustering in higher level
  - » Industrial chains in Nanjing, Suzhou, Taizhou, Lianyungang, etc.
  - » Brand effects of bio-pesticides in Yancheng, Yangzhou, Changzhou
  - » Bio-environmental protection clustering area in Yixing
  - » 15 Jiangsu S & T industrial parks in biotechnology & New Medicine
- Products and technology in the national lead
  - » Recombinant human insulin, endostatin, etc. firstly came into market
  - » Sales of first line drugs for anticancer treatment: 1/5 of the country
  - » Break out of key tech in bio-catalytic conversion
  - » Transgenic breeding technology in domestic leading place
  - » Bio-information tech in international advanced level

- Abundant Sci & Tech talents
  - » 11 universities set relative courses
  - » 14 academicians
  - » 13 national and 100 provincial key labs and engineering technique R&D centers



- Key enterprises with stronger strength
  - » 16 enterprises listed in National Pharmaceuticals Top 100, ranking 1st
  - » Innovation Capability of local enterprises in the domestic lead
  - » 8 companies of World Top 500 set their branches in Jiangsu



## International Cooperation and Exchanges

Over the years, Jiangsu has established sci-tech cooperative ties with more than 70 countries and regions. More than 100 international sci-tech cooperation projects have been implemented and over 10 big-scale international sci-tech exchange activities have been held. The Province now boasts 13 state-level international sci-tech cooperation bases and 360 R&D institutions set up by foreign investment.

On the basis of mutual benefit, the sci-tech departments from Jiangsu Province are willing to carry out extensive cooperation with other countries and regions to promote mutual prosperity.