

industrialization of the high and new technology fastened. In 2000, the provincial government carried out further measures to realize the strategic target of developing Hunan by science and technology. The number of the achievement of all sorts scientific research in 2000 was 800, among which, 13 excellent items won state sci-tech progress award, 1 item won national natural science award, 360 items won provincial sci-tech progress. Within the ten top state achievements, our province covered two of them, one of which, "research on propagation of super paddy" gained immense improvement and was listed top of ten top state achievements, the other one was the state's first human-like robot developed by Defense Science Technology Univ. The transfer of 25 scientific research organs on development on technology was nearly completed. The high-tech enterprises realized output value of 55,000 million yuan, having produced profit and tax of 7,695 million yuan, with an increase of 41.6% and 60.7% respectively. The patent work won new progress. There were 4,117 applications for patent, having increased 20.9%; 2,555 applications were approved, having increased 1.3%.

Education career gained new development. In 2000, reform of the education system and optimization of the advanced educational resource were pushed on greatly. Coalition of Central South Industry university, Hunan Medical University and Changsha Railway University; Hunan University and Hunan Finance University; Hengyang Medical University and Central South Medical University, made up new universities of Central South University, Hunan University and Nanhua University respectively. There were 52 universities by the end of 2000, 101 thousand fresh and 253.1 thousand students in all, having increased 2.0%, 30.8% and 30.7% respectively. There were 16 units receiving 3,475 fresh postgraduates, having increased 46.0%; there were 7,729 postgraduates at study, having increased 38.4%. There were 144 middle professional schools whose students amounted to 258.3 thousand, and 4,505 ordinary middle schools whose students amounted to 3,917.3 thousand, the entrance rate of the ordinary junior middle school was 95.9%, having increased 1.1%. There were 34,521 ordinary primary schools, whose students at school amounted to 6,639.3 students.

## **IX Culture, Hygiene and Sports**

The publishing cause got flourishing development. In the province there were 87 artistic performance troupes, 124 culture centers, 15 arts centers, 115 public libraries, 70 museums and 202 archive establishments. Xiang opera Malin Road gained 9th Wenhua award inaugurated by the state culture department. Huagu opera Policeman in the Country gained the award of Excellent Item of 6<sup>th</sup> Arts Festival of China. In 2000, the joint operation of news and publishing made fundamental progress, and the Publishing Group of Hunan was established, whose total annual selling income amounted to 5,353 million yuan, with a total profit of 490 million yuan, 814.9 million pieces of newspaper, 105,04 million volumes of magazines and 248.44 million volumes of picture books were published.

The cause of broadcasting, film and television developed quickly. In 2000, industry of broadcasting and television showed tendency of fast growing, the first Golden Eagle Television Art Festival was held successfully in Changsha, which promoted the reputation of local media. By the end of 2000, there were 16 TV stations and 11 radio broadcasting stations. The TV covered 91.4% of the population, having increased 1% in number and 81.5% of the population was covered by radio broadcasting, having increased 0.4%.

Hygiene cause developed continuously and the medical conditions were improved. In 2000, there were 4,286 medical instructions, 27 more than that of the previous year and 198.8 thousand medical workers, 3,637 more than the previous year. There were 143,436 thousand beds for patients, having decreased 1.3%.

The athletic cause got quite good achievement. At Sydney Olympic Games in 2000, athletes from Hunan gained 7 gold medals, 2 silver medals and 1 bronze medals, all these records were on the top in China. In the important world competitions, athletes from our province gained 32 gold medals, 36 silver medals and 36 bronze medals; one athletes broke one world record for 5 times. Sports were further popularized among the masses, 33.1% of the population often took part in sports activities.