

ROBOTICS AND ARTIFICIAL INTELLIGENCE (AI)

1) The Artificial Intelligence Center is a joint endeavor of both the Japanese (Japan International Cooperation Agency - JICA) and Singapore (National Computer Board - NCB) Governments. The Center will focus on the development, practical applications, and training in expert systems-based AI technology. Primarily a training institute at present, the center intends to produce a pool of 500-600 AI specialists over the next five years. Training courses to be offered starting in the third quarter of 1991 will train managers, software engineers, and business professionals in AI and expert systems, helping the managers decide which systems are suitable for their business.

At this time, the technology transfer has been from JICA in the form of Artificial Intelligence and expert systems technology to Singapore.

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Sources: Synergy, Science Council of Singapore, Sep/Oct 1990.
JSAIC, Japan Singapore AI Center.
IT Focus, NCB IT Industry Newsletter, NCB, June 1990.

2) The Automation Applications Center (AAC) was set up to develop expertise in factory automation technologies, including low-cost automation, flexible automation, computer integrated manufacturing, manufacturing resource planning, and advanced industrial engineering techniques. AAC hopes to extend the use of these techniques to local companies through, for example, training and consultancy. Projects include an industry-wide study of automation in Singapore for utilization in the National Automation Master Plan (1987/88) and Consultancy to 100 selected companies to identify possible areas of automation feasibility, commissioned by the EDB (1989/90).