

## NATIONAL RESEARCH COUNCIL STIMULATES INDUSTRIAL RESEARCH

The National Research Council of Canada initiated in 1962 an Industrial Research Assistance Programme (IRAP) to stimulate and promote industrial research in Canadian manufacturing industries. The ultimate aim of the program is to provide careers for Canadian scientists, to increase Canadian production and production jobs and to maintain Canada in a foremost position in the world's market.

The program also is designed to improve communication and co-operation between scientists in industry and those in government and university laboratories. It is hoped that this will lead to a better understanding of one another's work and interests and the development of research activities of a complementary nature as part of the whole structure of Canadian research.

During the seven years the program has been in existence, there has been a major improvement in the flow of information among scientists in NRC, industry and the universities, and also between other government departments and industry.

IRAP operates primarily by paying the salaries of new research teams in companies where none previously existed or for new research workers to be added to existing research staffs over and above a company's normal expansion of research effort. Companies that qualify are free to choose, direct and control their own projects and staff and receive support by annual grant based on satisfactory progress reports.

Since the inception of IRAP, grants totalling \$36,400,000 have been awarded to assist in the

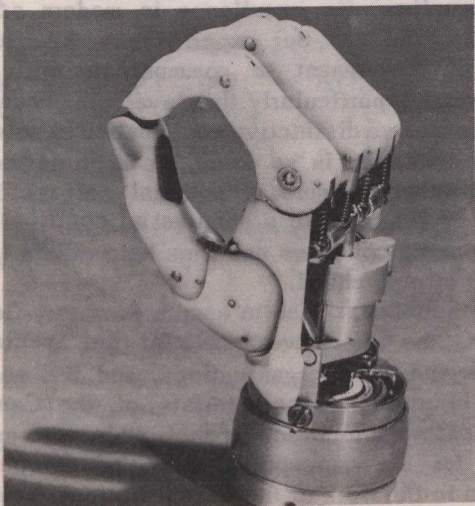


1.

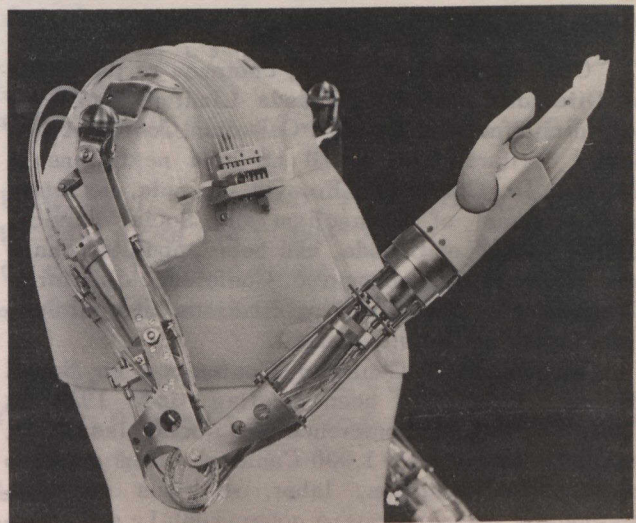
1. Fifteen year-old high-school student demonstrates her skill in using her hydraulic arms.

2. To give the artificial hand a more life-like appearance, the latest model is made from the plastic, delrin.

3. Resting an elbow on a table is easy with the hydraulic arm.



2.



3.