

[EXECUTIVE ORDER NO. 112, July 22, 1993]

**ESTABLISHING THE NATIONAL SCIENCE TEACHING
INSTRUMENTATION CENTER (NSTIC) IN THE DEPARTMENT OF
EDUCATION, CULTURE AND SPORTS**

WHEREAS, Section 10, Article XIV of the Constitution provides that: "Science and technology are essential for national development and progress. The State shall give priority to research and development, invention, innovation, and their utilization; and to science and technology education, training, and services. It shall support indigenous, appropriate, and self-reliant scientific and technological capabilities, and their application to the country's productive systems and national life";

WHEREAS, in conformity with these declared State policies, the Government of the Republic of the Philippines entered into an Agreement with the Government of the Federal Republic of Germany dated 8 February 1989 pursuant to which the Science Training Improvement Project is now being undertaken;

WHEREAS, Section 3, Chapter 1, Title 6, Book IV of the Administrative Code of 1987 provides that the Department of Education, Culture and Sports shall have the powers and functions of formulating, planning, implementing and coordinating the policies, plans, programs and projects for non-formal and vocational or technical education as well as for foreign and locally assisted projects; and

WHEREAS, for the effective implementation of the Science Teaching Improvement Project and consistent with the abovequoted provisions of the Constitution, there is a need to establish a National Science Teaching Instrumentation Center under the Department of Education Culture and Sports.

NOW, THEREFORE, I, FIDEL V. RAMOS, President of the Republic of the Philippines, by virtue of the powers vested in me by law, do hereby order:

Section 1. Creation of the Center. - There shall be established a National Science Teaching Instrumentation Center, hereinafter referred to as the Center, in the Department of Education, Culture and Sports which shall, upon close coordination with the Department of Science and Technology, carry out the following objectives:

- (a) To develop prototypes of science teaching equipment and materials using indigenous materials and locally available technology and adopted to the approved curriculum and tested for learning effectiveness for adoption by the school system;
- (b) To develop user's manuals and experimentation manuals for science teaching equipment, using mainly locally available materials;
- (c) To develop and prescribe standards for science teaching equipment and materials in the country;

(d) To assist the private sector in developing its capability to mass produce the science equipment prototypes developed by the Center by: (1) providing technical assistance to local manufacturers; and (2) establishing collaborative linkages for data and information exchanges between the education sector and the manufacturing industries such as the education sector's demand for and the private sector's capability to supply science equipment and parts thereof;

(e) To develop and provided training programs for science teachers on the effective teaching of science using the instructional equipment and materials developed by the Center as well as those that may be developed by the teachers themselves;

(f) To undertake quality control of science equipment and materials being provided to the public schools in order to ensure that these equipment and materials meet the technical specifications set forth by the Center; and

(g) To develop and implement a system of repair and maintenance of science equipment provided to the public schools.

Section 2. Site and Facilities. The Center shall be situated in Sudlon, Lahug, Cebu City on the parcel of land consisting of three thousand (3,000) square meters covered by a Deed of Donation dated 17 March 1992 between the Republic of the Philippines and the Department of Education, Culture and Sports. The existing building, facilities, structures and equipment acquired pursuant to the Agreement dated 8 February 1989 between the Federal Republic of Germany and the Republic of the Philippines shall be transferred to the Center, subject to the terms of said agreement.

Section 3. Management Committee. - (a) The Center shall have a Management Committee to be composed of:

(1) The Secretary of Education, Culture and Sports, as Chairman;

(2) The Director, Bureau of Secondary Education of the DECS;

(3) A Regional Director from the DECS to be designated by the Secretary of Education, Culture and Sports;

The respective Directors of the Science Education Institute and Industrial Technology Institute, as representatives of the Department of Science and Technology; and

Two Representatives from the industry to be appointed by the Secretary of Education, Culture, and Sports.

In the event that the Secretary cannot attend a meeting, an Undersecretary may be designated to represent him. The Management Committee may also require the attendance of any of the following in any of its meetings:

The Director of the Center;

The Director, Educational Development Project Implementing Task Force (EDPITAF);