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Inquiry Based Science Education with ISTIC and LAMAP

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The goals of ISTIC-IBSE through the LAMAP mirror website in english are to contribute to the improvement in the quality of the teaching of science and technology in primary and secondary school and to provide science education resources in english

The activities, carried out at the national and international level, are aimed at the support and professional development of science teachers and educators. They aim at assisting teachers in implementing the investigation approach that can stimulate a scientific mind, an understanding of the world and expression skills in students.

ISTIC

The creation of the International Science, Technology and Innovation Centre for South-South Cooperation under the Auspices of UNESCO (ISTIC) is a follow up of the Doha Plan of Action which has been adopted by the Head of States and Government of the Group of 77 and China, during the meeting in Doha, Qatar, from 12 to 16 June 2005 on the occasion of the Second South Summit of the Group of 77.

The Summit urged UNESCO to develop and implement a programme for South-South cooperation in science and technology with the objective of facilitating the integration of a developmental approach into national science and technology and innovation policies, capacity building in science and technology through providing policy advice and exchange of experience and best practices, and creating a problem solving network of centres of excellence in developing countries as well as supporting the exchange of students, researchers, scientists and technologists among developing countries.

As reflected by its name, the Centre will act as an international platform for South-South cooperation in science, technology and innovation and make use of the network of the G77 plus China and the Organization of the Islamic Conference. The overall goal of the Centre is to increase in the capacity for management of science, technology and innovation throughout developing countries by:

Providing scientists, managers of research centres/ institutions and policy makers with short and medium-term training in specified areas.

Postering cooperation among governments, academia and industry in order to facilitate transfer of knowledge between the public and private sectors, and the development of well-

planned and relevant knowledge-based programmes and institutions in participating countries;
Scanning and making available knowledge about the potential of new technologies to address specific problems faced by developing countries;

Developing networks and collaborative R&D and training programmes at regional and international levels including linking of designated nodal centres in participating countries;

Creating a problem-solving network of centres of excellence in developing countries;

Supporting the exchange of researchers, scientists and technologists among developing countries; and

Facilitating the exchange and dissemination of information.

After more than one year of preparation, on 21 January 2008, Dato Seri Jamaludin Jarjis, who was Minister of Science, Technology and Innovation, and Mr Koichiro Matsuura, Director-General signed an agreement on the creation of the Centre. Pursuant the process of the establishment of the Centre, Government of Malaysia, MOSTI, in cooperation with UNESCO and Islamic Educational, Scientific and Cultural Organization (ISESCO) are organizing the Launch Meeting of the Centre.

The Launch Meeting of the Centre paid special attention to human resources capacity building in its deliberation with respect to the role of STI in South-South Cooperation in water, energy, health, agriculture and biodiversity management (WEHAB) towards meeting the UN Millennium Development Goals (MDGs). Important technologies in this regard are: information and communication technologies, biotechnology, space science and technology and nanotechnology.

For more info about ISTIC please do visit <http://www.istic-unesco.org/>

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