



ISESCO and COMSATS joint cooperation

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In Tehran

(COMSATS) and (ISESCO) share many noble objectives and have a **common mission of bringing about sustainable socio-economic development in the South, through building capacities building events, and making judicious use of science and technology applications**, by instituting South-South and North-South collaborations and exchange, and sensitizing the countries in the South to the centrality of science and technology in the development process, to the adequate allocation of resources for research and development, and to the integration of science and technology in the national and regional development plans

ISESCO and COMSATS have enjoyed cordial relations and have implemented jointly various important scientific and technological programmes in the Islamic countries

The two organizations signed a **Memorandum of Understanding on 13th March 2004 in the Islamic Republic of Pakistan**, for an indefinite period with the intention of strengthening the partnership and cooperation between the two parties and discuss future collaborative potential programmes to join hands in the South-South Technical Cooperation Programme

In **2004** ISESCO and COMSATS agreed on some joint activities which were successfully implemented and achieved all objectives in most of the cases the thing which encouraged the two organizations to collaborate and continue fruitful cooperation and partnership

Sponsorship for COMSATS Publications :

- Title: “Scientific & Technological Research for Development”

A monograph written by Dr. Hameed Ahmed Khan has been published by ISESCO.

- Title: “Renewable Energy Technologies for Developing Countries; Now and to 2023” A monograph written **by Mr. Tajammul Hussain and Dr. M.M. Qurashi has been published by ISESCO**

COMSATS First Meeting on “South-South and North-South Collaboration: Present Scenario and Future Strategies”, (12th-13th March, 2004), in collaboration with ISESCO

Activities held in 2005

Joint International Seminar on “Physics in Developing Countries: Past, Present and Future”, Islamabad, Pakistan

(27th - 28th July, 2005)

Joint Workshop on “Repair and Maintenance of Scientific Instruments for Engineers and Technicians”, Khartoum, Sudan,

(25th September - 5th October 2005).

Joint Training Workshop for Engineers and Technical Scientific Instruments, Damascus, Syria, (19th -21st December, 2005)

Activities in 2006 / 2007

-Directory of Academy of Science, Universities and S&T Research Organizations in Islamic Countries

-Development of Web Portal of Islamic Science

Network (First Phase): execution of web portal entitled: “Establishment of Networking of the National Research Centers in ISESCO Member States”, launched in 2006 by ISESCO Centre for Promotion of Scientific Research (ICPSR) in cooperation with COMSATS and the World Islamic Call Society (WICS)

-Thematic Discussion Groups (Second Phase was in process)

Activities in 2008

-Seminar on Information and knowledge management in the developing countries, Abuja, Nigeria

-Seminar on bridging digital divide in the Islamic countries, Beirut, Lebanon

-International cooperation and networking in science and technology policy, Kuwait

-Seminar on Bridging gaps for industrial development-interface between academia, policy and industry, Damascus, Syria

-Strengthening the Islamic World Science Net, Rabat, Morocco

-First Meeting of the coordinators of the Scientific thematic groups for enhancing cooperation among Islamic countries, COMSATS Headquarters, Islamabad, Pakistan

Activities in 2009

Within the framework of implementation of **ICPSR** Action Plan and Budget 2009-2010 and execution of web portal entitled:

“Establishment of Thematic Group (Networking of Scientists and S&T Institutions in ISESCO Member States and maintenance of IWSN web Portal”,

in cooperation with the World Islamic Call Society (WICS) and the Commission on Science and Technology for Sustainable Development in the south, the two parties have agreed that the web portal shall mention in all documents and for announcement purposes by the following 3 organizers **ISESCO, COMSATS** and **WICS**

Activities in 2010

- The New Face of Materials Sciences in Energy and Environment, Islamabad, Pakistan
- Diffusion of ICT's in Academic Rethinking Learning in the Digital Age in Islamic Countries, Khartoum, Sudan,
- National Training on "Repair and maintenance of scientific and equipment in teaching and research institutions and small scale industries, Dakar, Senegal,
- Strengthening the Islamic World Science Net, ISESCO and COMSATS Headquarters, Rabat
- Second Meeting of the coordinators of the scientific thematic groups** for enhancing cooperation, ISESCO Headquarters, Rabat

Activities in 2011

ISESCO), COMSATS, the Inter Islamic Network for Information Technology (INIT), the Syrian-COMSATS-COMSTECH IT Centre (SCC-ITe), the Ministry of Higher Education (MoHE), Syria, and the Higher Institute for Applied Science and Technology) & (RIAST), Syria organized jointly the International Workshop on "Internet Security: Enhancing Information Exchange Safeguards" from 23rd_27th July 2011 in Damascus, Syrian Arab Republic

Activities in 2012

-On 12th June 2012, the Director General, accompanied by Dr Junaid Zaidi, Rector of COMSATS Institute of Information Technology (CIIT), visited the Islamabad based COMSATS Centre for Micro and Nano Devices (CMND)

-International Workshop on Nanotechnology, Dhaka, People's Republic of Bangladesh, 21st -24th September, 2012; in co-operation with COMSATS and department of Chemistry, Bangladesh university of Engineering and Technology at Dhaka

Activities in 2012 (continued)

In view of the huge economic potential of Nanotechnology, the ISESCO Division of Engineering and Technology advocated for this multidisciplinary science stressing on its commercial and economic applications and promising industrial exploitation in the Member States. To this end, the Division of Engineering and Technology implemented various projects in line with the Strategy which was adopted by the Fifth Islamic Conference of Ministers of Higher Education and Scientific Research held in October 2010 in Kuala Lumpur, Malaysia, to renew the commitments of the concerned authorities in the Member States, to promote investments, and cooperation among the member countries. The International Workshop on Nanotechnology organized in Dhaka international Workshop in nanotechnology covered all important branches of nanotechnology and closely-related interdisciplinary fields like Health, Medicine, Food, Agriculture, Energy and Environment, ICT and Electronic Devices and Industry and Consumer Products. The workshop conducted a Panel discussion on Nanotechnology- Research and Education: Bangladesh Perspectives

Activities in 2012 (continued)

-Workshop on Internet Security Enhancing Safeguards

Measures for the Member States, Amman, Jordan, 16th-20th September, 2012; organized in collaboration with COMSATS, Inter Islamic Network on Information Technology (INIT), COMSATS Institute of Information Technology(CIIT), and the Royal Scientific Society(RSS), Amman, Jordan and was benefited by participants from Morocco, Tunisia, Egypt, Pakistan, Iran, Bangladesh, Tanzania, Comoros, Nigeria, Brunei Darussalam and Jordan

- Strengthening the Islamic World Science Net (IWSN) (www.icpsr.org.ma), (ISESCO Headquarters, Rabat, Morocco: throughout the year); universities, national institutes and centres for scientific and/or technical research and COMSATS

Activities in 2012 (continued)

ICPSR, in a bid to facilitate information retrieval and sharing of experiences and expertise among researchers, while contributing to international efforts, continues to post the new electronic version of "ISESCO Journal of Science and Technology" online for free access.

Moreover, to facilitate access to the conditions for awarding **COMSTECH - ISESCO Research Grants to young researchers**, grant application forms, in the three languages, are also available online. Similarly, the announcement for submission of nominations for ISESCO Prizes in Basic Sciences and Technology 2012 as well as nomination forms were also posted on this portal to expand eligibility opportunities to a greater number of high level researchers who have demonstrated outstanding creativity and innovation

Activities in 2012 (continued)

Pakistani university delegation visits ISESCO

A Pakistani university delegation, made up of 5 professors and 21 students from Lahore and Islamabad universities, visited ISESCO headquarters as well as several Moroccan universities and cultural institutions over the period from 20 to 27 March 2012

Activities in 2013

-“International Workshop on Nanotechnology & Nano-biotechnology Innovative Applications for Sustainable Green Economy and Climate Change Mitigation”, Serpong, Indonesia, 16th-18th December 2013, in cooperation with the Commission on Science and Technology for Sustainable Development in the South (COMSATS), and the National Nuclear Energy Agency (BATAN) of Indonesia,

-ISESCO-COMSATS-INIT International Workshop on “Internet Security: Enhancing Information Exchange Safeguards”, Nabeul, Tunisia, 9th-13th December 2013

Activities in 2014

International Workshop on “Applications of ICTs in Education, Healthcare and Agriculture”, to be held in September 2014, Islamabad, Pakistan, and to be jointly organized by ISESCO, COMSATS, INIT and CIIT

4th International Workshop on “Internet Security : Enhancing Information Exchange Safeguards” from 19th to 23rd October 2014, Cairo, Egypt, to be jointly organized by ISESCO & COMSATS

This joint activity is a continuation of a series of workshops organized by both ISESCO and COMSATS in Syria (2011), Jordan (2012) and Tunisia (2013). Other partners include CIIT, INIT and NRC

Activities in 2014 (continued)

-International Conference on “Nanomaterials and Nanodevices” to be held in September/October 2014, Saudi Arabia, to be jointly organized by ISESCO & COMSATS. *This joint activity is a continuation of series of workshops organized earlier by both ISESCO and COMSATS. Other partners include CIIT and FUIW*

-7th National Training Workshop on “Repair and Maintenance of Scientific Equipments in Universities, Research Institutions and Small Scale Industries”, in May 2014 in Iran, to be jointly organized by COMSATS and ISESCO Centre for Promotion of Scientific Research (ICPSR), and *will include **IROST** as a partner*

Activities in 2014 (continued)

-2nd Consultative Regional Workshop on “National Innovation System and Intellectual Property” (African Region), from 10th to 12th November 2014 at ISESCO Headquarters, to be implemented by COMSATS & ICPSR. *This joint activity will include INIT as a partner*

-Strengthening of the Islamic World Science Net Portal and Enhancing the Thematic Groups” in 2014 at COMSATS Headquarters to be Implemented by COMSATS & ICPSR

-ISESCO-COMSATS Cooperation for Supporting Joint Research Projects in Common Member States in 2014 by COMSATS & ICPSR

For the year 2015, ISESCO and COMSATS are planning some activities to be jointly implemented in the following fields:

- Internet Security: “Enhancing Information Exchange Safeguards”;
- Applications of ICTs in Education, Healthcare and Agriculture”;
- “Mathematical Modeling”;
- "Agriculture, Food Security and Biotechnology"

The following proposed activities will be implemented in joint cooperation with ISESCO Centre for Promotion of Scientific Research (ICPSR);

-Repair and Maintenance of Scientific Equipments in Universities, Research Institutions and Small Scale Industries”;

-“National Innovation System and Intellectual Property”;

-Web Portal IWSN: “Strengthening of the Islamic World Science Net Portal and Enhancing the Thematic Groups”:

-ISESCO-COMSATS Cooperation for Supporting Joint Research Projects in Common Member States



Thanks for your
attention