

COMSATS' THEMATIC GROUP ON INFORMATION AND COMMUNICATION TECHNOLOGIES (ICTs)

14th COMSATS' Coordinating Committee Meeting,
Bogota, Colombia
May 26 - 27, 2011

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Islamabad.



Establishment of Thematic groups

- ❑ 10th COMSATS Coordinate Committee approved formation of the following thematic groups

- ❑ First meeting of coordinators of thematic groups took place in Islamabad (10 – 12 March 2009)
 - Information & Communication Technologies
 - Agriculture Biotechnology
 - Natural Products Sciences
 - Climate Change and Environmental Protection
 - Materials Sciences (RSS-Jordan);
 - Mathematical Modeling
 - Construction Materials
 - Space Technology and its Applications





ICT Thematic group

- CIIT being the Centre for excellence of COMSATS for IT, it was given the leadership role to organize activities of the thematic group. Other members are
 - Tanzania Industrial Research and Development Organization (TIRDO)
 - Royal Scientific Society (RSS), Jordan
 - Industrial Research and consultancy Centre (IRCC) Sudan; and
 - National Mathematical Centre (NMC), Nigeria

- CIIT organized a preparatory meeting for the COMSATS's Thematic Group on ICT on December 21, 2010 in Islamabad during FIT 2010.



Post preparatory meeting

- ▣ A series of seminars and open discussion was arranged by the Department of Computer Science at CIIT, Islamabad Campus to suggest the potential projects for the thematic group and spreading the ICT among the COMSATS member states, e.g.,
 - Establishing WiFi Networks for various Applications,
 - Dispersing Quality Education Across Remote/underdeveloped Locations through Audio/Video sources, and
 - Adapting ICT for Precision Agriculture etc.



Launching of ICT thematic group (April 19 - 20, 2011)

- The first meeting was inaugurated on April 19, 2011 at the Islamabad Campus of CIIT by the Executive Director COMSATS, Dr. I.E. Qureshi.
- Twenty-one participants from Jordan, Malaysia, Nigeria, and Pakistan attended the inaugural session of the meeting.



Courtesy of
Bogota, Colombia



Launching of ICT thematic group

(April 19 - 20, 2011)

□ COMSATS

- Dr. Imtinan Elahi Qureshi, Executive Director, COMSATS

□ CIIT, Pakistan

- Dr. S. M Junaid Zaidi, Rector
- Dr. Sajjad Mohsin, Dean Faculty of Information Sciences & Technology
- Mr. Tahir Naeem, Director (Planning, Development & Human Resource Development Directorate)
- Dr. Khalid Rashid, Advisor International Liaison Office
- Dr. Nasro Minallah, Head Computer Science Department
- Dr. Sadaf Tanvir, Assistant Professor, Computer Science Department
- Ms. Sadaf Sajjad, Assistant Professor, Humanities Department

□ Malaysia

- Prof. Dr. Abdul Hanan Bin Abdullah, Dean Faculty of Computer Science & Information Systems, UTM-Malaysia;

□ Nigeria

- Mr. Oladejo Olutunji, Principal Programmer (MIS), NMC-Nigeria

□ Jordan

- Mr. Shadi Tawafiq El-Asasfeh, Computer Systems Analyst, RSS-Jordan

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Projects presented and discussed

- ❑ Establish High Performance Computing Facility for Member States,
- ❑ Uniform Mechanism for Connecting Various Electronic Medical Records (EMRs) & Electronic Health Record Systems (EHRs)
- ❑ Establishing WiFi Networks for various Applications,
- ❑ Dispersing Quality Education Across Remote/underdeveloped Locations through Audio/Video sources, in the Member Countries.
- ❑ Solving Irrigation Problems & Water/Crops Management through ICT
- ❑ Development of e-Health Applications,
- ❑ ICT for Precision Agriculture.



5/27/2011



Selected project

'E-solutions for community using low-cost WiFi'

- ❑ The project title and its design outlines are kept adequately flexible to enable the other declared cluster partners to join in with sufficient ease and convenience.
- ❑ The scope of the project is vast and almost covers all applications based on ICT such as e-health, e-education and precision agriculture etc, while keeping WiFi connectivity.
- ❑ Execution in four phases:
 - Establishing a long distance Wi-Fi Prototype of 50 KM
 - Running e-health application on prototype; remote patient diagnostics
 - Development and Integration of Precision Agriculture Applications
 - Distance Education for Member Countries over long distance WiFi connectivity



Implementation strategy for the project

- ▣ Work in the progress to identify the mechanisms for the implementation of the joint research project and issues relating to a better coordination.
- ▣ All participating members assured full commitment to achieve goals of the project once defined.
- ▣ Team leader working on the strategy for implementation of the project.



Thanks for the patience



Thanks Bogota for inviting (I still have to discover)