

Join us in the Forthcoming Mega Event



**Third International Conference on
Environmentally Sustainable Development
“ESDev-2009”
16-18 August 2009**

COMSATS Institute of Information Technology has always been aware of its social responsibilities to contribute with research and awareness by knowledge sharing. The institute does not only impart modern and sound education to its students but also provides the platform for scholars and practitioners to propose policies for government and other stakeholders.

Since 2005, Environmentally Sustainable Development (ESDev) conference has been regularly held once after every two years. The first two conferences successfully addressed the vital issues of today, the Environment and Sustainable Development. The forthcoming conference ESDev-2009 is again aimed at:

- Exploring the linkages among the environment, sustainable development and society.
- Finding technological solutions in environmental remediation, alternate energy resources and resource management.
- Promoting the integration of environment, sustainability, resources development in education in support of the UN Decade of Education for Sustainability, adopted for 2005-2015.



**TECHNOMOOT
2009**

NEWSLETTER
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COMSATS
Institute of Information Technology Abbottabad

Editor's Message

Life is divided into three terms- that which was, which is and which will be. Let us learn from the past to profit by the present, and from the present to live better for the future

William Wordsworth

We bring you the latest issue of the Newsletter, themed at Technomoot 2009 which is the hallmark of academic calendar of COMSATS Institute of Information Technology, Abbottabad. Institutions from across the academic spectrum participated in this mega event and displayed their innovative creations. Many distinguished luminaries graced the occasion by their presence.

Other regular features cover News and Events, Alumni's Corner, Research Productivity, Articles for Professional Development, Profiles of New Faculty Members and the Scholarship Opportunities. We expect that the swift and latest information will grab hold of your eyes.

I extend my gratitude to all Departmental Editors for their valued contributions from their respective departments, Syed Kamran Shafique Hashmi, Incharge Publishing Cell and Mr Najam Gulbaz, Composer and Designer for his indefatigable efforts and commitment. Above all, I am indebted to the Worthy Director, Dr. Haroon Rashid for his support and patronage.

Wish you a happy reading!

Zainab Inshad
Editor-in-Chief

We extend services for your pleasure and feedback. For suggestions/contributions/queries, feel free to contact us at newsletter@ciit.net.pk

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EVENTS

Technomoot 2009

Opening Ceremony

11 May 2009

COMSATS Institute of Information Technology, Abbottabad organized its third High-Tech National Level event comprising Seminars, Symposia and Exhibitions under the name of Technomoot 2009 on 11-12 May 2009. It was a multidimensional gathering of people from different Sciences and Technologies.

Technomoot comprised six different activities simultaneously organized to benefit students, learners and practitioners alike.

The activities included EMCOT (Electrical Engineering), CCIS (Mathematics), CSE (Information Technology Center), VisionICT (Computer Science), MILES (Management Sciences) and S-Dev (Environmental Sciences, Chemistry, Pharmacy and Development Studies).

Opening ceremony of Technomoot 2009 was held at CIIT Abbottabad on 11 May 2009. Dr. Arshad Pervez, Assistant Professor, Department of Environmental Sciences and Head LISCENT was the convener of this event. Dr. Imtihan Elahi Qureshi, T.I., Executive Director, Commission on Science & Technology for Sustainable Development in the South (COMSATS) graced the opening ceremony as the Chief Guest. All the Guests and participants of the Technomoot 2009 including speakers from other Universities, faculty members and a large number of students were present in this momentous event. The ceremony started with recitation of the Holy Quran.

At the outset Dr. Arshad Pervez thanked Dr. Imtihan Elahi Qureshi, T.I., Executive Director, COMSATS for sparing his precious time and gracing the opening ceremony as the Chief Guest. He then enlightened the



Left to Right: Dr. Arshad Pervez, Convener Technomoot 2009, Dr. Imtihan Elahi Qureshi, T.I., Executive Director COMSATS and Dr. Haroon Rashid, Director CIIT Abbottabad

audience about the phenomenal contribution of Dr. Haroon Rashid, Director CIIT Abbottabad who has been a driving and inspiring force to integrate Engineers, Software Experts, Management Experts and Scientists from Mathematics, Chemistry, Biotechnology, Pharmacy and Environmental Sciences on a single platform under one roof for interaction, exchange and sharing of intellectual acumen and vision, displaying innovations and imaginations in the relevant fields. He further apprised the participants of the program of Technomoot 2009.

The Chief Guest Dr. Imtihan Elahi Qureshi, T.I.,

Technomoot 2009 comprised six different activities simultaneously organized to benefit students, learners and practitioners alike.

The activities included EMCOT (Electrical Systems, Microcontrollers and Telecommunications), CCIS (Computational Complexities Innovations and Solutions), CSE (Conference of Software Enterprises), VisionICT (Vision Information and Communication Technology), MILES (Managing Innovation Leadership Entrepreneurship Strategies) and S-Dev (Science for Development)

"I congratulate CIIT Abbottabad's faculty and students for organizing such a mega event. I am happy to see the projects of students of different universities as that is something that is required to be performed by all students ..."

Appreciative remarks of the Chief Guest, Dr. Imtinan Elahi Qureshi, T.I., Executive Director, COMSATS

Executive Director, COMSATS, during his speech congratulated the CIIT Abbottabad's faculty and students for organizing such a mega event. He appreciated the efforts of Dr. Haroon Rashid, Director CIIT Abbottabad for his commitment and dedication in making CIIT Abbottabad an Institute of repute. He paid tributes to Dr. Haroon Rashid for launching a set of degree programs which are very relevant to the demands of the modern world and beneficial for the people of the area. He particularly applauded the efforts of CIIT Abbottabad for establishing the Departments of Environmental Sciences, Pharmacy and Chemistry. He stated that this century is the century of Bio-Technology and the Department of Environmental Sciences, CIIT Abbottabad is playing a pivotal role in this regard.

Dr. Imtinan Elahi Qureshi further stated that he was happy to see the projects of students of different Universities as that is something that is required to be performed by all students. He then apprised the audience of the progress and achievements made by COMSATS Institutes in a very short span of time as CIIT is at number five in research productivity on HEC ranking and has done very well in terms of scientific publications. CIIT has now 14000 students, six campuses, 42 degree programs and a large qualified number of PhD faculty etc. This really is a very big achievement for a University which was set up just nine years ago. He commended the efforts of Dr. S. M. Junaid Zaidi, S.I., Rector CIIT for his tremendous push and drive in enabling CIIT campuses to achieve the heights of glory. He expressed his hope that keeping this momentum; CIIT Abbottabad will reach the towering heights in near future.

In his address he advised the students to consider themselves as an International entity and asked them to transform the country through scientific innovations. He also congratulated CIIT Abbottabad's Development Studies Department as the department is working on various international programs. He advised the students not to give up in any situation and told them to consider themselves second to none as they have the same capabilities as students of International Universities are having. He advised them to keep faith in themselves to fully

realize their potential.

He asked the Environmental Sciences Department to take it as a challenge to restore the cleanliness and beauty of Abbottabad. He desired the beautification of the University Road leading to CIIT Abbottabad campus. The challenge given to the Department of Electrical Engineering by the Chief Guest was to produce at least one product which should be there in



the shelves of the market.

In his concluding remarks, Dr. Haroon Rashid, Director CIIT Abbottabad thanked the Chief Guest, the faculty and students for attending the ceremony. He stated that besides the two tasks given by the Chief Guest to the Departments of Environmental Sciences and Electrical Engineering as a challenge, all other departments will also follow suit by producing one item each for the shelves of the market. The Worthy Director recounted the efforts of the students of CIIT Abbottabad in the aftermath of the 2005 earthquake. The students had raised funds, donated blood, prepared databases and did everything to play their role in rehabilitation of the affected people. Referring to the situation arising out of the terrorist activities in Swat and Deer, the Director said that the students of CIIT Abbottabad will once again rise to the occasion and will spare no efforts in rendering all possible assistance to the afflicted people. The Director further apprised the Chief Guest of the calendar of activities which included extra curricular activities that are organized each year.

In the end, a shield was presented to the Chief Guest by the Worthy Director and the event was declared formally open.

4th CCIS (Computational Complexities-Innovations and Solutions) Symposium 2009 at CIIT ABBOTTABAD

Department of Mathematics
11-12 May 2009

The Fourth Symposium on "Computational Complexities-Innovations and Solutions" (CCIS) was held on 11-12 May 2009 as an integral part of TechnoMoot 2009. The symposium was a continuation of the previous three symposia held in 2006, 2007 and 2008.

Objectives

The main objective of the symposium was to bring together computational scientists from all fields of traditional sciences namely Mathematics, Physics, Chemistry, Biology, Medicine and all branches of Engineering in order to explore new avenues for promoting further research. Another objective of the symposium was to gather eminent scientists, educationists and industrialists to present their achievements in the field of computation.

Program

The Symposium was attended by more than 100 participants including prominent mathematicians and scientists from the National University of Science and Technology Rawalpindi, Air University Islamabad, Ghulam Ishaq Khan Institute of Engineering Sciences and Technology Topi, COMSATS Institute of Information Technology, Islamabad, COMSATS Institute of Information Technology, Lahore, Islamia University Bahawalpur, GC University Faisalabad, FAST Islamabad and Karachi University. About 30 participants from local colleges also attended the symposium. During these



two days 19 speakers delivered their talks on different fields of Mathematics including Computational Fluid Dynamics, Relativity, Group Theory and Numerical and Functional Analysis. Seven of the talks were delivered by young speakers including five from CIIT Abbottabad who were supervised by Professor Dr. Tahira Haroon and Dr. Madad Khan. The participants appreciated the efforts of these young speakers.

Following were the keynote Speakers:

1. Professor Dr. Asghar Qadir, NUST, Rawalpindi.
2. Professor Dr. Saleem Asghar, CIIT Islamabad.
3. Professor Dr. Tasneem M. Shah, Air University, Islamabad.
4. Professor Dr. Syed Arif Kamal, Karachi University, Karachi.
5. Professor Dr. Zafar Qureshi, Air University, Islamabad.
6. Professor Dr. Anwar Hussain, CIIT Islamabad.
7. Professor Dr. Mohamed Nasr, CIIT Islamabad.

19 Speakers delivered their talks on different fields of Mathematics including Computational Fluid Dynamics, Relativity, Group Theory and Numerical and Functional Analysis

Day 1

At the outset, Mr. Adam Khan gave a brief introduction of the Department of Mathematics, CIIT Abbottabad. First session was chaired by Professor Dr. Mohammad. Anwar Hussain, from CIIT Islamabad. The second session was chaired by Professor Dr. Asghar Qadir from NUST, Rawalpindi.

Day 2

First session was chaired by Professor Dr. Zafar Qureshi from Air University, Islamabad. The second session was chaired by Professor Dr. Q. K. Ghori (Late) from COMSATS

SCHOLARSHIPS

- 1) **PhD Position in Medical Imaging and Medical Image Perception - Italy**
Deadline: 15 September 2009
 For Further Details, Visit: <http://scholarship-positions.com/phd-position-in-medical-imaging-and-medical-image-perception-italy/2009/06/17/#vz00fH1066C>
- 2) **PhD Position at the University of Modena and Reggio Emilia, Italy, starting in 2009**
Deadline: 30 October 2009
 For Further Details, Visit: <http://scholarship-positions.com/phd-position-at-the-university-of-modena-and-reggio-emilia-italy-starting-in-2009/2009/06/17/#vz00fH1066C>
- 3) **3-year PhD Scholarships, SGBM, Germany**
Deadline for registration: 31 August 2009
Deadline for Submission of applications: 06 September 2009
 For Further Details, Visit: <http://scholarship-positions.com/3-year-phd-scholarships-sgbm-germany/2009/06/17/#vz00fH1066C>
- 4) **US - Mexico Training, Internships, Exchanges, and Scholarships (TIES)**
Deadline: 10 September 2009
 For Further Details, Visit: <http://scholarship-positions.com/us-mexico-training-internships-exchanges-and-scholarships-ties/2009/06/18/#vz00fH1066C>
- 5) **PhD position - Prediction of fruit dry matter accumulation using NIR, Denmark**
Deadline: 15 August 2009
 For Further Details, Visit: <http://scholarship-positions.com/phd-position-prediction-of-fruit-dry-matter-accumulation-using-nir-denmark/2009/07/01/#vz00fH1066C>
- 6) **Medican Government Scholarships for Foreigners 2010**
Deadline: 15 August 2009
 For Further Details, Visit: <http://www.stadinfo.com/phd/medican-government-scholarships-for-foreigners-2010.html>
- 7) **PhD Funding Positions 2010, Helsinki Graduate School (Hesse) Finland, Computer Sciences**
 For Further Details, Visit: <http://www.scholarshipsworld.org/phd-funding-positions-2010-helsinki-graduate-school-hesse-finland-computer-sciences/>
- 8) **PhD Position in Computational Biomechanics, Belgium**
Start date: 1st October 2009
 Applications will be accepted until the position is filled.
 For Further Details, Visit: <http://scholarship-positions.com/phd-position-in-computational-biomechanics-belgium/2009/07/09/#vz00fH1066C>
- 9) **PhD Position: Managing Complex Cloud Systems, University of Groningen Nijenborgh 9 9747AG Groningen, The Netherlands**
 For Further Details, Visit: <http://scholarship-positions.com/phd-position-managing-complex-cloud-systems/2009/07/09/#vz00fH1066C>
- 10) **Postdoctoral Position, INRS-ETE, University of Quebec, Canada**
 Application should include a CV, list of publications, names and contacts of 2-3 references, list of research interests. For applications and further information please contact:
 Dr. S.K. Braj, Assistant Professor, INRS-ETE Univ. Quebec, 490, rue de la Couronne, Quebec, G1K 9A9 (CANADA).
 E-mail: satinder.braj@ete.inrs.ca
 For Further Details, Visit: <http://scholarship-positions.com/postdoctoral-position-inre-ete-university-of-quebec-canada/2009/07/09/#vz00fH1066C>
- 11) **Postdoc (Biology, Biochemistry, Molecular Medicine), Germany**
Application Deadline: 15 August 2009
 Applicants should send their CV and list of publications until to Dr. Astrid Weyerbrock, Department of Neurosurgery, Breisacher Str. 64, 79106 Freiburg.
<http://scholarship-positions.com/postdoc-biology-biochemistry-molecular-medicine-germany/2009/07/10/#vz00fH1066C>
- 12) **131 Scholarships for Diploma and Degree courses, UK**
Deadline: 31 August 2009
 For Further Details, Visit: <http://scholarship-positions.com/131-scholarships-for-diploma-and-degree-courses-uk/2009/07/10/#vz00fH1066C>



Frontiers of Information Technology (FIT) becomes an ACM Sponsored International Conference



16-18 December 2009
Abbottabad, Pakistan

Frontiers of Information Technology (FIT) is an annual mega event that is organized by the Department of Computer Science every year since the last six years. It provides an excellent opportunity to the researchers community of Pakistan to interact with the eminent scholars of various countries both from academia and the industry.

The event was being held as an International Workshop for the last six years but it has won sponsorship of ACM this year. The proceedings will be included in the ACM Digital Library (ISBN 978-1-60558-642-7).

The extended versions of the selected papers will be published in the following journals;

- International Journal of Arts and Technology, Inderscience Publisher.
- International Journal of Computer Vision and Image Processing (IJCVIP), IGI Global.
- Journal of Software, Academy Publisher.
- The International Journal of Computer Graphics and CAD/CAM, International Scientific Publishers.
- The International Journal of Computer Systems, Networks, and Communications, Hindawi Publishing Corporation.
- The International Journal of Pattern Recognition and Machine Intelligence, International Scientific Publishers.
- Transaction on Computational Science, Springer.

FIT provides an excellent opportunity to the researchers community of Pakistan to interact with the eminent scholars of various countries both from academia and the Industry.

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