



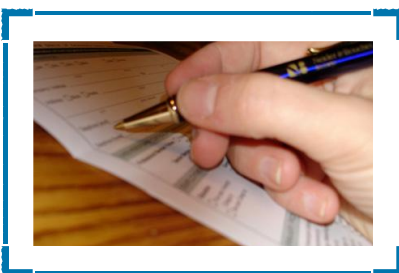
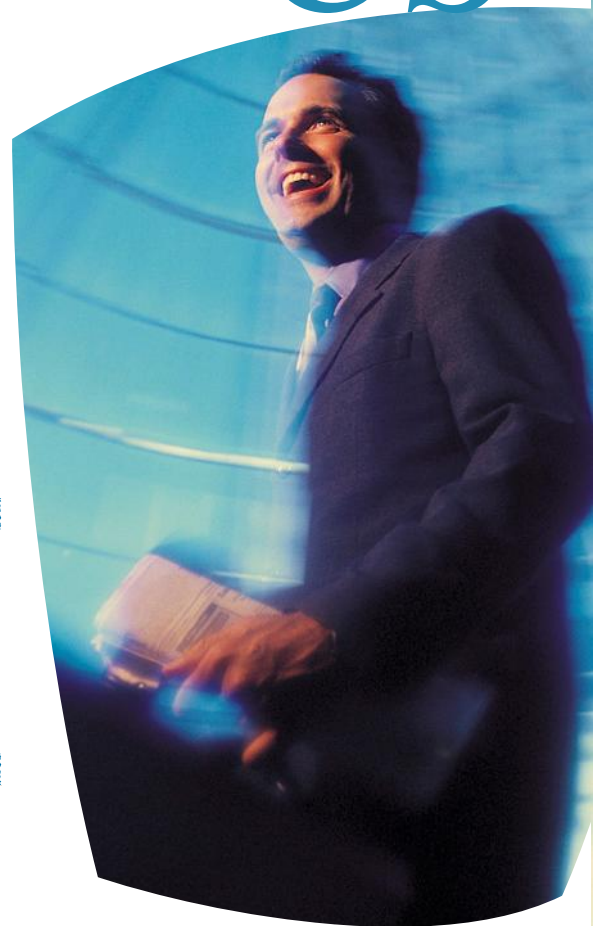
News N Views CS

WE AIMS TO TOUCH THE HEIGHTS OF THE HIGHEST PEAK

*Success is counted sweetest
By those who ne'er succeed
To comprehend a nectar
Requires sorest need*

CONGRATULATIONS FOR CIIT FAMILY FOR UPGRADING AS CUST

Prime Minister, Islamic Republic of Pakistan, Syed Yousaf Raza Gillani upgraded the COMSATS Institute of Information Technology (CIIT) to the status of a University on 21 October 2011. Addressing a gathering after inaugurating the new campus of the now COMSATS University for Science and Technology (CUST), Islamabad, the Prime Minister announced Rs.10 million for upgrading of CIIT Library and assured provision of generous funds, necessary for Futuristic Projects.



ADMISSIONS

BS Computer Science admission was announced for Dual degree program (Bachelor) with Lancaster University UK for spring 2012, once again computer science department giving an opportunity to students to become the part of it. Last date of application was 24th Oct, 2011. It is not a forgettable achievement that computer science department attracted the largest number of students in BS CS DDP, all with 1st division, and with Mathematical background in FALL 2011. This award goes to those faculty members who was fully dedicated to admission cell in summer 2011 and they spent their day nights effort on that. They visited to different cities for promotion and present COMSATS stall in different exhibitions. Their efforts are duly obliged.

Delegation from Lancaster University in Orientation

Orientation ceremony for newly admitted students (Fall 2011) was being arranged at the Campus on 5th September 2011 at 10:00 am. A delegation from Lancaster University also visited the Lahore campus on that day. Members of the delegation were:

- **Professor Robert McKinlay**, Deputy Vice Chancellor
- **Professor Steve Bradley**, Pro Vice Chancellor (International)
- **Dr. David Simm**, Director BBA Management
- **Dr. Gavin Brown**, Dean of Undergraduate Studies
- **Dr. Hassan Ahmed**, Director Relationship COMSATS-Lancaster Program
- **Professor Geoffrey Coulson**, Head of School of Computing and Communications
- **Dr. Stephen Monk**, Director of Studies (Part II), of Engineering Department

Professor Geoff Coulson, Head of School of Computing and Communications, and Dr. Gavin Brown, Dean of Undergraduate Studies were with us. Professor Geoff Coulson was briefed on our proposed dual degree program of BS in Software Engineering. His response on the structure of this program was very positive. Concept paper of this program was prepared by Dr. Ghulam Rasool and his team. Professor Geoff also arranged a session with our students. This type of direct academic interaction of Delegates of Computing Department of Lancaster University with the

faculty CS department of CIIT certainly improved the confidence level of both the institutions and will open up new doors and avenues for further strengthening of the collaboration in teaching, research and funding projects.

The Phase-II of the faculty development workshop was also arranged by the Delegation from Lancaster University with the CS faculty to discuss the "Updation and Synchronization of the faculty with expectations and standards required by Lancaster University for DDP at Lahore Campus."



NCEAC Team Visit

A visit of NCEAC visited the CS department on 4th October 2011 for the accreditation of BS in Computer Science program. All the process was very smooth. NCEAC team left campus with very positive impression about CS Department & CUST Campus. Efforts of Dr. J. S. Mirza and his committee members are commendable. It was the excellent example of team work with the support of worthy Director/Dean, Teaching Area In-Charges, CS faculty members, and all services departments. Following members visited the CS department:

- **Dr Ayub Alvi**, Dean NU FAST, Islamabad
- **Dr Amir Hayat**, HoD, CS Dept., NUST, Islamabad
Dean, FIST COMSATS Accompany them during the visit.



Research And Development PROJECTS

A funding project "A Pervasive Healthcare Test-bed for Optimized Monitoring of Medical Data Services, PTCL, ICT R & D Fund, 10.9 Million" was submitted by Prof. Dr Syed Asad Hussain, Imran Raza and Dr. Saqib Rasool Chaudhry on 15th September 2011



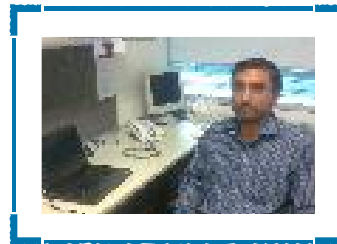
Change of HOD and Farewell

Charge of CS department has been handed over to Prof. Dr. Syed Asad Hussain with effect from 7 October 2011. In the honor of Dr. Zulfiqar Habib (Former HOD), a farewell party was arranged on 14th November 2011. Dr. M A Bodla and Dr. Talat Afza graced this occasion with his presence. Ms. Humaira Faisal was the host program and the party was started with the recitation of Holy Quran by Mr. Muneeb . After this, Dr. Zulfiqar Habib highlighted the below achievements made by computer science department during his 9 months stay as a Head of department.

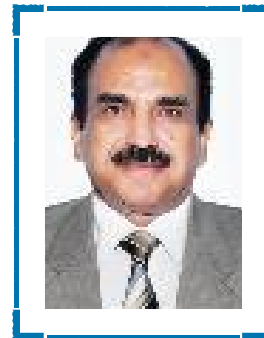
- **Re-establishment of research groups:** A new research group on Vision, Image & Graphics was launched. Existing groups were activated. As a result faculty was motivated towards research publications and 3 funding projects of Rs. 26 million were submitted. Gallery of posters of all research groups is arranged through Research Area In-Charges.
- **Concept of Teaching Area In-Charges:** Curriculum of BS(CS) was revised.
- **Preparation of two new degree programs:** BS in Software Engineering is approved by BoS & CEC. BS in Business Computing and Information Systems is in approval process.
- **Renovation of CS Department** (face uplifting of the C-Block)
- **Seven Ph.D.s and five MS** joined or re-joined CS dept.
- **Job fair and Final Year Projects Exhibition & competition,** COMSATS software project exhibition and competition
- **MicroTech Industry & Game View Studios Company** arranged recruitment test for students of final semester and offered positions.
- **Won the 2nd position on world book day** in competition and presentation of faculty books/research papers stall.
- **Active contribution** of CS dept. in certification of ISO 9001-2008.
- **Accreditation process of BS(CS) program** through inspection team of NCEAC was completed.
- **Probations & DIs cases** are 50% reduced.
- **DDP students and faculty from Lancaster Block** are welcomed and accommodated in our CS Dept. family.
- **Excellent intake** of BS(CS) in DDP and MS programs.

He welcomed Dr. Syed Asad Hussain as an HOD and assured his full cooperation in all matters.

Next to this, Dr. Syed Asad Hussain thanks to Director for nominating him as a new HOD. He commended the efforts and contributions of Dr. Zulfiqar Habib. He said, computer science department has made significant progress during his stay as head of department. He further said, excellence has no limits and showed his commitment and resolute to take department to further heights. He expressed his full confidence on Computer Science faculty by saying this is the same department who was awarded 'W' category by NCEAC team in first visit when he was Head of Department.



At the end, Dr M. A. Bodla (Director) congratulated Dr. Syed Asad Hussain as a new HOD and applauded the contributions made by Dr. Zulfiqar during his stay as HOD. Dr. Bodla expressed his expectations from computer science department. He assigned a task to Dr. Syed Asad Hussain to setup a task force which would work with NOC and ITC and fix the issues that are plaguing the Institute regarding IT related services. The party ended with high tea arranged in executive cafeteria for faculty and guests.



BS in Software Engineering

A new undergraduate program BS (SE) has been approved by BoS (Board of studies) and confirmed by CEC. It is decided by the authorities to launch this program by spring 2012. It is only and only due to the day and night efforts of assigned faculty members of the CS department. Now this program is being submitted in Lancaster University and BOF for final approvals.

Publications

- **Zulfiqar Habib, Manabu Sakai**, "Fairing arc spline and designing by using cubic Bezier spiral segments", *Mathematical Modeling and Analysis*, pp: xx, Vol: xx, Issue: xx, Standard: ISSN: 1392-6292 (Print), 648-3510 (Online), Impact Factor: 0.685
- The research paper of **Imran Raza, Dr. Asad Hussain and Dr. Saqib Rasool** with the title "Congestion Avoidance in Mobile Ad Hoc Networks through Congestion Aware Nodes" has been accepted for publication in *IJCSI Journal Volume 8, Issue 6 November 2011*
- The Research paper of **Mr. Faiz Ali Shah** with the title "An Empirical study of Requirement Elaboration in Object Oriented Projects" has been accepted in "The Eighteenth Asia-Pacific Software Engineering Conference (APSEC 2011)", Ho Chi Minh city, Vietnam

Faculty Joining/Re-Joining

- **Dr. Ramzan Talib** has rejoined the department after completing his PhD from University of Bayreuth, Germany with specialization in "Database and Information Systems"
- **Mr. Muhammad Hassnain** has recently joined the Department of Computer Science, as Lecturer. He received his MS degree from Royal Institute of Technology, Stockholm Sweden with majors in Information and Communication Technology. He has also worked with Ericsson Euro Lab, Germany. His area of specializations include Wireless Networks, Multimedia Communication over IP, VOIP, Video Conference systems, Wireless sensor networks, IPTV, DRM (Digital Rights Management).
- **Mr. Muhammad Khurram Afzal** has recently joined the Department of Computer Science, as Lecturer. He received his MS Degree in Information Technology from University of East London, UK and Bachelor of Science in Information Technology with Business Information Systems from Middlesex University, London, UK. His area of specializations includes, Web development using .NET Framework, Network support for VOIP customers and Web site development in Dot Net Nuke.
- **Mr. Khaqan Zaheer** has recently joined the Department of Computer Science, as Lecturer. He received his MS degree in Mobile and Satellite Communication Engineering from University of Bradford, United Kingdom.

Visio Spark: 1st Position in Speed Programming Competition

Students of Computer Science participated in VISIOSPARK event held at Wah Campus on 22nd Oct 2011, a national competition. This event includes software exhibition and competition, quiz competition, poster competition, gaming competition and speed programming competition. Our Student, Mr. Agam Saram, has secured 1st position in speed Programming Competition. We congratulate him on this wonderful achievement. We are second in gaming competition and our quiz team reached the semifinals in quiz competition. As a whole, it was a good representation of CIIT, Lahore in Visio Spark.

Blood Camp

Computer Science Department organized a Blood Camp on 12th October 2011 in collaboration with Shaukat Khanum Hospital. Number of students donated blood for noble cause. Same activity had arranged last year where our students donated around 250 bags.





Foot Ball Championship

CIIT Combined Football team (Lahore and Islamabad) participated in the HEC Zonal Championship held at Islamabad on 29th October to 1st November 2011. In the quarterfinal match, CIIT beat ARID Agriculture University, Rawalpindi by 4-3 goals. In the semi final match, CIIT beat Karakoram International University, Gilgit by 3-2 goals and qualified for the final round which is going to be held at CIIT Lahore Campus on 14-18 November 2011. Hammad Mazhar, student of BCS Lahore Campus, was declared the best player of the

Seminar/ Workshop

Seminar was conducted on the topic of "Diving Into Android". The Honorable guest was fresh Graduates of NUST School of Electrical Engineering and Computer Sciences (SEECS) working as Senior Software developer at Jabs Solutions. The Aim of this session was to give a clear know how of Android Framework, to motivate students by convincing them with its future perspectives and to help them understand how they can help them.

In-charge Evening CS CUST Lahore

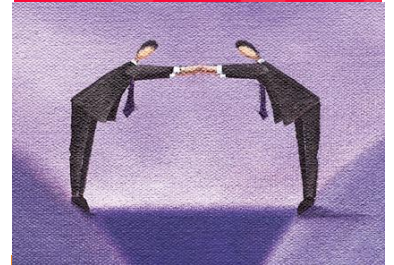
Since the department is running in two shifts (morning and evening) for maximum utilization of the existing resources. Therefore, for the smooth functioning of the department and to oversee the department affairs in second shift (evening). Mr. Aman Ullah Assistant Professor was appointed as evening in-charge of the Department.



ISO Certification

In September Computer Science department got BS EN ISO 9001-2008 certification. That is absolutely a great achievement for our department also, Mr. A. K Shahid worked hard to defend our department in this consortium.

"Success doesn't
come to you? But
you go to it."



Patron:

Dr. M A. Bodla

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