

# NEWS N VIEWS

DEPARTMENT OF COMPUTER SCIENCE, CIIT LAHORE  
JULY- AUGUST 2011 ISSUE



## Members

Patron: Dr. M A. Bodla  
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Co-Editor: Ms. Ayesha Sadiq & Mr. Faiz

## Admission FALL 2011: A Great Achievement

In this session a big news was come in front of students when they opened their admissions that wasn't lesser than a gift as "The CIIT Lahore has come up with a useful and novel idea which blesses its graduates with two degrees for the money paid for the single". The Lancaster university of UK has a big name in UK both in research and education and undoubtedly will add another plume in its hat with implementation of this idea. On the other side COMSATS Lahore Campus was very happy to have a great companion.

Admissions are taken in two semesters fall and spring every year. Currently admissions for Fall 2011 in Bachelors of Sciences in Computer Science (BSCS) Dual Degree Program and for graduate program Master of Sciences in Computer Science (MSCS) and Post Graduate program that is (PhD CS) was offered. To make possible a big input, a team of 7 members worked hard, they spend there monthly efforts. Other faculty colleagues latterly joined them to enhance there courage. Some of them visited different cities for exhibit there programs and offers. Dr. Ali Hassan, Dr. Usman Saeed and Ms. Sana Rizwan has visited numerous places with their teams where as the educational exhibition was arranged.

Excellent submission in BS (CS) and MS (CS) was seen as compared to previous year's intakes. A good news for Ph.D. students is that the Campus is agreed to offer research activities during Ph.D. MS & Ph.D. programs are being decided to be offered as an evening program.

## Comsats University



## Lancaster University



## Research Activities

Zulfiqar Habib & Manabu Sakai (2011), "Cubic spiral transition matching G2 Hermite end conditions", Numerical Mathematics: Theory, Methods and Applications, Standard: 1004-8979 (Print), 2079-7338 (Electronic), Impact Factor: 0.696

Rab Nawaz, Syed Asad Hussain, Shahbaz Akhtar Abid and Jawad Shafi (2011), "Beaconless Multihop Routing Protocol for Wireless Sensor Networks", IEEE International Conference on Computers and Communication Devices (ICCCD), (Apr 2011), pp: 332-336, Vol: I, Issue: 978-1-4244-9829-1, Standard: CFP1195M-PRT.

Javaid S Mirza , Tabassum Naz , Sana Rizwan and Imran Latif (2011), "Semantic Modeling for a university Fee Structure" ICAMS-NUST 2011.

Ahmad Kamran Malik, Atif Manzoor, and Schahram Dustdar (2011), "Context-Aware Privacy and Sharing Control in Collaborative Mobile Applications", Handbook of Research on Mobile Software Engineering: Design, Implementation and Emergent Applications, Standard: 978-1615206551.

Atif Manzoor, Hong-Linh Truong, Ahmad Kamran Malik, and Schahram Dustdar (2011), "Quality of Context and Mobile Systems: Past, Present and Future.", Handbook of Research on Mobile Software Engineering: Design, Implementation and Emergent Applications, Standard: 978-1615206551.

Atif Manzoor, Hong-Linh Truong, Schahram Dustdar (2011), "Quality of Context: Models and Applications for Context-aware Systems in Pervasive Environments", The Knowledge Engineering Review

Ghulam Rasool, Patrick Maeder (2011) "Flexible Design Pattern Detection Based on Feature Types ", Automated Software Engineering.

Saim Rasheed, Davide Gadia, Alessandro Rizzi and Daniele Marini (2011) "Event-related Spectral Analysis of Brain Response produced by Colors Exposed in Multiple Shapes", VII Color Conference Gruppo Del Colore, Rome, Italy.

Fabio Bisegna, Cristian Bonanomi, Simonetta Fumagalli, Saim Rasheed, Alessandro Rizzi and Maurizio Rossi (2011) "L'indice di resa cromatica: misura base ed approcci innovative", VII Color Conference, GDC, Rome, Italy.

Rab Nawaz, Kashif Bilal, Sajjad A. Madani, Taimoor Khan (2011), "Position based routing protocol without knowing node positions for wireless sensor networks: a ring zone based approach", IET Wireless Sensor System Journal - which is currently in review process.

Usman Saeed and Jean-Luc Dugelay (2011), "Temporal Synchronization and Normalization of Speech Videos for Face Recognition", State of the art in Biometrics, edited by: Jucheng Yang and Loris Nanni, published by: InTech, pp: 143-160, Standard: 978-953-307-489-4.

Usman Saeed (Mar 2011) "Person Identification using Behavioral Features from Lip Motion", 9th IEEE International Conference on Automatic Face and Gesture Recognition .

M. Shoaib, F. Majeed, Shazia, K. Kalsoom, S. Majid and S. Mahmood (2011), "Data Stream management in the real-time data warehousing: Functioning of the data streams processor", Pakistan Journal of Science, Vol: 63

S R Chaudhry, H. S. Al-Raweshidy and Imran Raza (2011) "Energy Aware Application Controlled multi radio PANs over Fibre Network", Vehicular Technology and Communications, VTC



### New Members of Software Engineering and Web Semantic Group

Following Members Joined Software Engineering Research Group in July-August headed by **Dr. Ghulam Rasool** and **Dr. J S Mirza** for an urge to pursue research in their specific domains.

Mr. Faiz Ali Shah (SE)  
Miss Sobia Zaheer (SE)  
Miss Sana Rizwan (WS)  
Miss Humera Faisal (WS)  
Miss Ayesha Sadiq (WS)  
Mr. Salaser Babu (SE)  
Mr. Usman Ashraf Khan(SE)

### Award from PCST RPA

Government of Pakistan, Ministry of Science and Technology, Pakistan Council for Science and Technology (PCST), awarded **Dr. Zulfiqar Habib** the Research Productivity Award (RPA) dated June 2011 on the basis of research achievements for the Year 2010-11 under the Discipline of Computer Science.







## Achievements

Dr. Saqib Rasool has been awarded a very prestigious senior membership of IEEE communication society. Heartiest congratulations to Dr. Saqib on this great achievement.

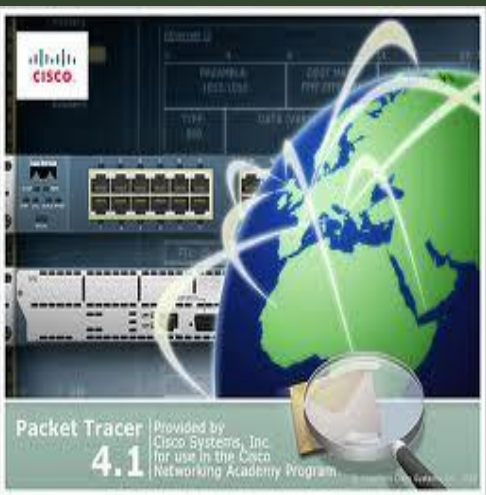
## Events

- A 3-day Faculty Development Workshop was planned for the faculty members who have been assigned to teach courses to DDP students during Fall 2011 semester. The workshop was held on Aug 9, 2011 at Seminar Room, C-Block.
- At the initiative of the worthy director CIIT Lahore, one day workshops titled "Art of Writing Successful Research Proposal" was organized in Computer Science department on Thursday, July 21, 2011 for promoting research culture and trains the faculty to attain excellence in research.
- ISO External Audit Team of CIIT, Lahore Campus visited the Computer science department on July 4, 2011.
- A Mango party was organized by the department on 26-07-2011 at 2:30 PM in Executive Cafeteria for faculty and staff members.



## CISCO Academic Instructor from CS

Mr. Atif Saeed and Mr. Shahid Bhatti were nominated for CISCO Academy Instructor training at CIIT Islamabad. It was decided to launch the certification course like CCNA for revenue generation from the next semester, after the completion of Instructors' training.

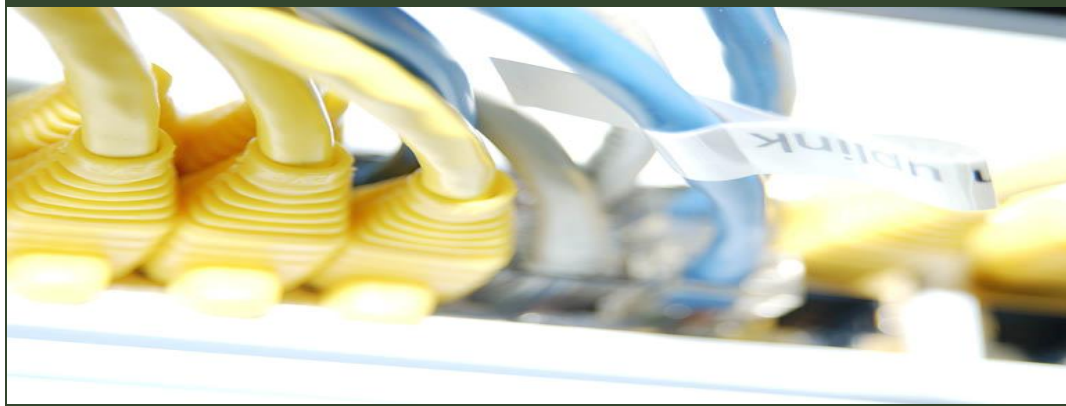


## Funding Projects/Research Collaboration

On 27th July, Dr. Muhammad Hussain Associate Professor from King Sand University Riyadh Saudi Arabia was invited in meeting of VIG research group to explore the possibilities of collaborations in funding projects.

Following R & D Projects was submitted for funding.

- Dr. Zulfiqar Habib, Dr. Usman Saeed Intelligent Optimization of Highways and Railways for the Energy Efficient Designing of Curves, National ICT R & D fund, 2 years, Aug 2011, Rs 15 million.
- Dr. Usman Saeed, Dr. Zulfiqar Habib, Behavioral Eye Motion for Biometrics, CRGP 1 year, Aug 2011, Rs 167000.



## CS Department Renovation

In order to attract and facilitate the more number of students and providing them with a feel of state of the art environment, face uplifting of the C- Block was initiated. This idea was initiated by Dr. Tauseef Gulraiz and now the task has been completed by the effort of his team members. Interior designing is very much appreciated by the visitors.

## CITFYPE — Computing and Informatics Final Year Project Exhibition & Job Fair

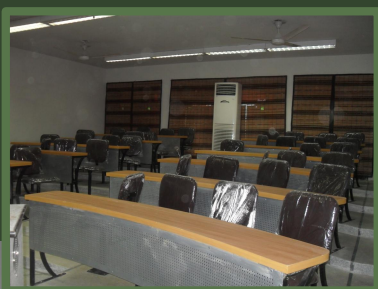
First time in the history of CIIT Lahore, such a marvelous event organized with the joint efforts of final year project committee, job placement cell and industrial Liaison office.

Experts from reputed universities and renowned software industry invited to highlight the outstanding project of our brilliant students. In the past, these projects used to be presented just like smiling in the darkness.

Another part of this event was a job fair. The purpose was to bring the potential candidates and the employers closer to each other, under one roof, where the employer can find suitable candidates as per their needs and prospective candidates can find a way to impress the employers through their performance.

Head of the Department (CS) Dr. Zulfiqar Habib commented about the event that “such events point out our shortcomings and aware us about new technologies. Industry-expert feedback would be a great help in designing new programs and curriculum as per industrial requirements”.

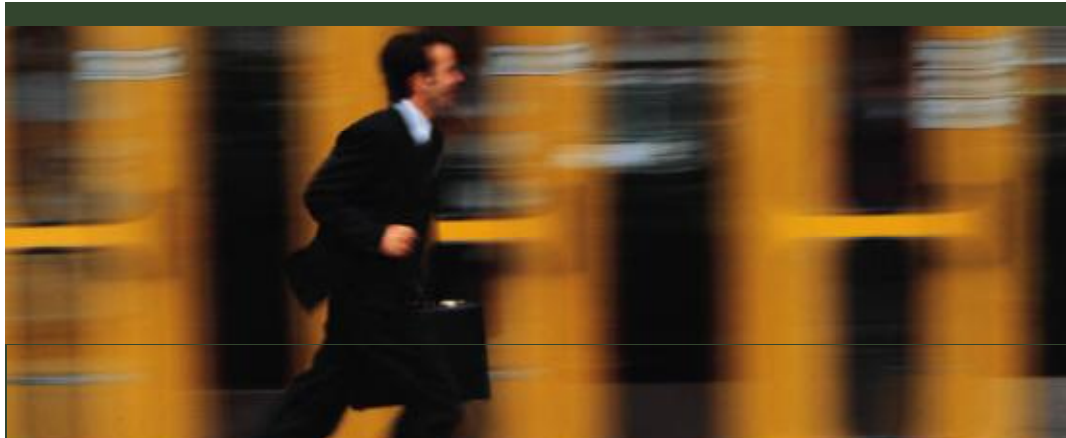
At the end, Director Dr. M.A Bodla applauded the efforts of organizers and urged such event should be a permanent part of the department. The event ended by prize distribution ceremony.



## Scholarships

Name	Designation	Study Abroad
Dr. Atif Manzoor	A.P (CS)	Post Doctorate admission at Trinity College Dublin, Ireland
Mr. Abid Sohail	Lecturer	Ph.D. admission at UTP, Malaysia
Mr. Tayyab Ch.	Lecturer	Ph.D. admission at University of Malaya
Mr. Shahbaz Akhtar Abid	Lecturer	Ph.D. admission at University of Malaya





## Faculty Joining/Re-Joining

**Dr. Syed Asad Hussain** rejoined the department as a Professor after completing his post doctorate from Sydney Australia. He was awarded prestigious Endeavour research fellowship for his post doctorate at the University of Sydney Australia in 2010. Recently he was assigned as the convener of the Departmental e-Newsletter Committee.

**Dr. Nadir Shah** has recently joined the Department of Computer Science, as Assistant Professor. He completed his Ph.D. from China in Networks having specialization in P2P Mobile Ad Hoc Networks.

**Dr. Usman Saeed** has been transferred to the main campus computer science department after serving in Lancaster block for couple of semesters. He completed his Ph.D. from France with specialization in Digital Image Processing. His research interests include Image Processing for Biometrics and Human Computer Interaction.

**Dr. Ali Hassan** has been transferred to the main campus computer science department after serving in Lancaster block for couple of semesters. He completed his Ph.D. from Queen Mary University, UK with specialization in Green Computing. His research interests include Green Communications, Swarm Intelligence and Communication Networks.

**Dr. Tabbasum Naz** has also rejoined the department after maternity leave. She did her Ph.D. from Ireland with specialization in semantic web and information extraction.

**Dr. Saim Rasheed** He completed his PhD in "Brain-Computer Interactions" in 2011 from University of Milan (Milan, Italy). His research interests include Brain-Computer Interfaces, EEG Signal Processing, Digital Image Processing, Computer Graphics, Computer Vision and Human-Computer Interaction.

**Miss Ayesha Sadiq** has also rejoined the department after maternity leave. She has joined the Software Engineering group under semantic web and information extraction domain.

New faculty members were warmly welcomed.

## Computing World

- Microsoft and Google suffer outages: Can you trust the cloud?
- Wireless technology firm makes buzz in Washington
- Netflix now works on Android 2.2 and 2.3 devices
- Tablet sales jump forecast
- Cell phones, other tech tell 9/11 memories

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