



NEWS 'N' VIEWS

Department of Computer Science

September-October 2012

COMSATS Institute of Information Technology Lahore

Message from Head of the Department

Prof. Dr. Syed Asad Hussain

Greetings! On behalf of the faculty, staff, and students of the Department of Computer Science (CS) at the COMSATS Institute of Information Technology Lahore (CIIT), we welcome you! These are exciting times for computer scientists as the discipline is now widely recognized as an essential source of tools and techniques for advancements in nearly all spheres of human endeavor.

Our Department was founded in 2002. Now it has grown to 47 faculty members, hundreds of Undergraduate, MS/PhD students, and numerous research and support staff. We have two undergraduate programs – Bachelors in Computer Science (BSCS), and Bachelors in Software Engineering (BSSE) - provide students with a broad range of choices. All these programs are accredited by the NCACE. Higher Education Commission has setup an accreditation authority, which is named as National Computing Education Accreditation Council (NCEAC). NCEAC awarded their highest 'W' category our department.

Research activities have been given high priority within the department. This has resulted in national and international recognition for our faculty and students alike. A number of research papers of national and international repute has been published in various, leading journals and presented at conferences all over the world. We have versatile working research groups, i.e. Agent Technologies and Information System, Communication Networks, Intelligent Machines and Robotics, Software Engineering, Databases and Operational Intelligence, Vision Image and Graphics and Web Semantics.

Computer Science department at CIIT-Lahore is research-oriented, student-centered Department. Some of the driving principles and goals of our Department are embodied in the following statements:

Mission Statement

To prepare undergraduate and post-graduate students for productive careers in industry, academia, and government by providing an excellent environment for teaching, learning, and research in the theory and applications of computing and information technology. In particular, we aim:

1. To produce highly qualified and well-rounded graduates possessing fundamental knowledge of computing and information technology that can provide leadership and service to Pakistan and all over the world.
2. To pursue creative research and new technologies in Computer Science and Technology and across disciplines in order to serve the needs of industry, government, society, and the scientific community by expanding and contributing to the body of knowledge in the field.
3. To develop strong partnerships with industrial and government agencies, professional societies, and local communities.



*Prof. Dr. Syed Asad Hussain
HOD CS CIIT Lahore*

Special points of interest:

- Message from HOD
- Sports Gala
- New Joining
- Research Publication
- Orientation
- Convocation Fall 2012
- Corn Party

Educational Objectives

The academic objectives of the Department of Computer Science are to provide outstanding education and research programs that:

1. Promote a philosophy of learning that develops a diverse computer science/software engineering student body that can be prepared for their specific profession, for advanced studies and careers in research, or for multidisciplinary knowledge
2. Provide a stimulating academic research environment for individuals who, in both industry and academia, will be leaders in the pioneering of computer applications and of the development of new technology for the benefit of society
3. Demonstrate technical competence in computer science and software engineering design and analysis consistent with the practice of a specialist and with the broad perspective of the generalist
4. Provide, at various courses, individual and group projects in design and research which, combined with classroom study, will prepare our students for the professional practice of computer science and software engineering and team work
5. Develop the symbols of professional conduct, including a knowledge of ethical choices, together with the confidence and strong communication skills to lead, to follow, and to transmit ideas effectively
6. Instill learning as a lifelong activity and as a means to the creative discovery, development, and implementation of technology as well as to keep up with the dynamic nature of the computer science and software engineering discipline

We welcome you to browse through the departmental web site. Whether you are a student, a parent, alumni, an employer, or a colleague, we want to hear from you. Your comments and suggestions will help us move to the next level and provide us with encouragement to maintain excellence.

Dr. Asad Hussain

Professor and Head of the Department



Dr. Zulfiqar Habib

Orientation

The orientation for Semester fall-2012 was held on September 02, 2012 and classes were started from September 03, 2012 at Department of Computer Science accordingly.

Research Activities

A paper of Syed .A Hussain, Salman Naseer, I Raza, S R Chaudru, J. S. Mirza, M. H. Raza, titled "Mobile Ad-hoc Network Routing Protocols: A Simulation and Performance Analysis Using Multimedia Traffic" has been accepted in Journal of Basic and Applied Scientific Research (ISI Indexed).

A Paper of Zulfiqar Habib and Manabu Sakai (2012), titled "Fairing an arc spline and designing with G2 PH quintal spiral transitions" has been accepted in International Journal of Computer Mathematics, Taylor & Francis (Impact Factor = 0.566).



Mr. Imran Raza

Convocation

COMSATS Institute of IT, Pakistan organized the **46th Convocation** on Monday; September 17, 2012; Rehearsal of the convocation was done on September 16, 2012 at 1400 PST. All the faculty members were cordially invited on the occasion. A large number of students and their parents participated in the occasion. Total 668 Students earned their degrees and the toppers were awarded with the Gold and Silver medals. The chief guest, Director of COMSATS, Prof. Dr. Muhammad Ahmad Bodla honored the memorable occasion along with In-charge Academics Dr. Talat Afza and Head of the Departments.

On this gracious moment two of our faculty members have awarded MS degrees under In-house fellowship scholarship, their names are Sana Rizwan and Imran Latif.

Computer Science YOUTHe Society

YOUTHe Society is an initiative of students from CS department. The society was established in November 14, 2011. It was established with an aim to collect blood from willing donors in Lahore and provide it to the indigent patients. The society successfully achieved its starting goal by helping more than 70 indigent people. The main body of the YOUTHe team also decided to move towards the organization of different events as well as the welfare activities. YOUTHe organized the screening of two T20 world cup matches; Pakistan Vs India and Pakistan Vs Sri Lanka. YOUTHe also played an active role in the management of events of student week in collaboration with the concerned departments. The society played an active role in student week 2012 by being a part of Bonfire security management and a part of management in treasure hunt. A Marathon race was organized by YOUTHe Society.

New Joining

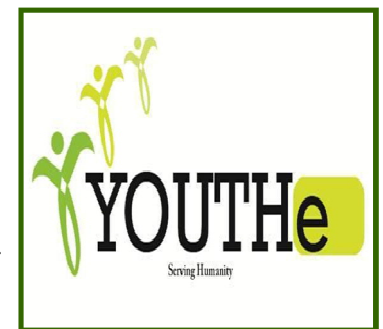
In September 2012, Dr. Muhammad Humayoun and Dr. Muhammad Salman joined as **Assistant Professor**, Asif Shehzad, Mahwish Waqas, Mehwish Fatima, Nausheen Majeed, Saba Anwar,

Sadaf Inaam and Sidra Malik joined as **Lecturers** in Department of Computer Science.

In September Mr. Rashad Maqsood, Mr. Sajid Anwer, Mr. Fareed Ud Din, Mr. Atta Ur Rehman and Mr. Muhammad Shahbaz joined as **Internee** and Mr. Amjad Husaain Zahid joined as







CONVOCAATION



YOUTHe Society

visiting faculty member at Department of Computer Science for semester Fall-2012.

Recent joined Faculty

	<p>Dr. Muhammad Humayoun is newly joined as Assistant Professor in computer science department. He earned his post-doc research fellow from Pohang University of Science and Technology (POSTECH), South Korea, PhD from University of Grenoble, France and Master of Science in Engineering from Chalmers University of Technology, Sweden.</p>
	<p>Mahwish Waqas is newly joined as Lecturer in computer science department. She earned her MS from University of Central Punjab, Lahore and BS from Bahauddin Zakariya University, Multan. She has work experience as Research Associate in KICS, UET Lahore and visiting Lecturer in Bahauddin Zakariya University Multan.</p>
	<p>Mehwish Fatima is newly joined as Lecturer in computer science department. She earned her MS from National University of Computer and Emerging Sciences, FAST-NU, Lahore and BS from University of Agriculture Faisalabad. She has work experience as visiting Lecturer in University of Education, Lahore and National University of Computer and Emerging Sciences, FAST-NU, Lahore.</p>
	<p>Nausheen Majeedi s newly joined as Lecturer in computer science department. She earned her MS from Military College of Signals (MCS), NUST and BS from PIEAS. She has work experience as Lab Engineer in Military College of Signals (MCS), NUST.</p>
	<p>Sadaf Inaam is newly joined as Lecturer in computer science department. She earned her MS from University of Engineering & Technology, Lahore and BS from PUCIT, University of the Punjab, Lahore. She has work experience as Lecturer in The University of Lahore, Research Associate in UET, Lahore and SEO & Web Executive in Trisoft, Ltd, Lahore.</p>
	<p>Sidra Malik and Saba Anwar</p>

Student Week Fall 2012

CIIT Lahore celebrated Student's week from 13th Oct to 20th Oct 2012. Students Week is celebrated to provide an opportunity to the students to take part in sports events, extracurricular activities and performances. This week allows students of all departments to grow closer together through active participation. CIIT Lahore exhibited a complete blend of academic, professional and personal activities for grooming of students. All the Students, faculty and staff made an active participation to make this week alive, memorable and successful. A number of fun filled activities were organized during this week, comprising sports event for boys and girls, treasure hunt, talent hunt, drama contests, Qirat and Naat competitions, Bon Fire and get-togethers.

Opening Ceremony: The event was inaugurated in a simple but enthusiastic way by starting a Cricket match. Formal ceremony was held on date October 2012 in location in which large number of students, faculty and staff members were present. Proceedings started with recitation of few verses from the Holy Quran followed by Naat. The following are assorted functions of Student week in which Computer science faculty and student took an active participation.

Bon Fire: Bonfire event was held by management department, and Computer Science students participated in it as organizers and performers. The chief guest, Director of COMSATS, Prof. Dr. Muhammad Ahmad Bodla honored the memorable occasion. Faculty and students of all departments participated in Bon Fire and enjoyed this fabulous event.



CS students participated as team of the security management of bonfire



Paint Stall in bonfire arranged by CS student's organization YOUTH



CS Department Get Together

La CS Partido: La CS Partido event was held by of COMSATS Computer Science Department. It was a get together for all CS faculty and students with various performances and competitions.

Screening of Matches: Screening of Pakistan Vs India T20 2012 match was organized by CS students of YOUTH society. There was a crowd of more than 1000 students from all departments. Although Pakistan lost the match but students amused with the screening of match and get together. YOUTH society also organized screening of Pakistan Vs Srilanka T20 match. There were more than 1500 students who participated in this activity.

Treasure Hunt: Treasure hunt was a gratifying activity arranged by Management department and students of all departments participated in this activity. It was a great activity for enhancing decision power and management skills of students. This activity was won by CS student's team.



Screening of Matches



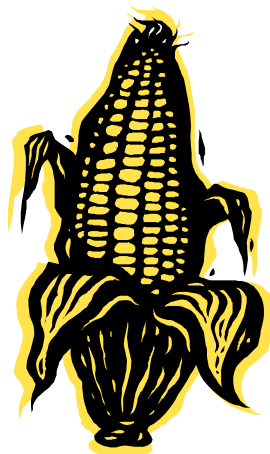
Screening of Matches



Treasure Hunt

Corn Party Fall Session

A corn party was organized by computer science department on Oct 9, 2012 and all the faculty members were invited to enjoy it.



Corn Part CS Faculty