



# News N Views

Issue: Oct-Dec 2015

## Message from Dean FIST

I welcome you on behalf of the faculty and staff. 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 students get competitive skills in effective development and application of modern technology. We see our students as excellent programmers, outstanding researchers, extra ordinary analysts, and innovative designers. We are aware of



everyday breakthroughs in modern technology and committed to equip you with advanced competencies required to manage the growing needs of sciences and technology; especially computer sciences, in almost every professional field today. Research activities have been given high priority within the department resulting in a high index of research publications.

The faculty of Information Science and Technology offers competitive degrees in rapidly expanding areas of study. Our qualified faculty and excellent facilities ensure that you have a solid technical grasp on different subjects to apply this knowledge in practical work settings. Our prolific linkages with the Higher Education Commission, Ministry of Science and Technology and Lancaster University, UK help us keep up-to-date with new policy initiatives and market driven incentives being unrolled by the government and private sectors.

**Prof. Dr. Asad Hussain**  
Dean FIST/HoD CS

## INSIDE STORIES

**Students' Week**  
**Scholarship Details**  
**Research Productivity**  
**FIT Conference, 2015**  
**Academic Competitions**  
**Training & Development**  
**Seminars**

## COMING EVENTS

### International Science Fair:

Jan, 18-22, 2016

<http://paksc.org/news>

### Pak China Forum:

March 19-22, 2015

<http://ww3.comsats.edu.pk/pcbf2015>

### Softec, NUCES, LHR

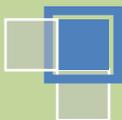
March, 2016.

[www.Softecnu.org/](http://www.Softecnu.org/)

### SoftExpo, PUCIT, LHR

April, 2016

<http://pucit.acm.org/events/upcoming>



# MESSAGE FROM CHAIRMAN



Assalam-u-Alaikum and Happy New Year! Let me first congratulate for being the part of CIIT, ranked by HEC again at number one in Computer Science and IT category. Keeping up top position is even harder and challenging for all of us. No doubt, still there is a lot of scope for further improvements in our system. Here, a very important factor is the respect of time from all dimensions. Computer science subjects are rapidly growing and dynamic. Keeping ourselves continuously updated with the latest knowledge is the need of time and very important for our survival. Next is the best possible management of time and punctuality in every walk of life. Last but not least is saving time of each other. Just imagine what a pleasant feeling if we do not need any reminder or follow up for the completion of our regular tasks and basic responsibilities. Stay blessed and Fee Amaan Allah.

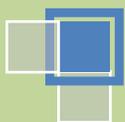
**Prof. Dr Zulfiqar Habib  
Chairman CS**



Chairman Dr. Zulfiqar Habib as Invited speaker, on “Computer Imaging and impact on Society” at 9th IEEE International Conference on Open Source Systems and Technologies (ICOSST-2015), KICS, University of Engineering & Technology (UET), Lahore,



Chairman Dr. Zulfiqar Habib Addressed as key note speaker on the topic “Imaging in Software Engineering and its Impact on society” at National Software Engineering Conference (NSEC 2015), MCS-NUST, Rawalpindi.



# STUDENTS' WEEK

## Funfest 15

At student week the enthusiastic students of CIIT Lahore including CS department, collaboratively conducted two-day fun-filled extravaganza named FUNFEST. The festival having a series of five competitions, was inaugurated by worthy director of CIIT, Dr. Qaisar Abbas infusing spirit, passion and fervor among students to assess their creativity, spontaneous skills and aesthetics. Students participated in these competitions with great zeal and zest.



## Bonfire

A fun-filled activity where fire-jugglers showed their fire tricks and amused audience. Students cheered, danced and took selfies around fire.



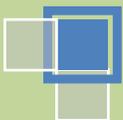
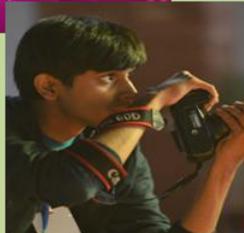
## Fashion and Modeling

A walk on Ramp was arranged where students appeared in different attires and outfits. Some were in Halloween looks, some in modern outfits and some were in strange but funny clothes delighting the audience by their meaningful gestures.



## Battle of bands

Musical bands from CIIT and other institutions of Lahore participated and displayed the music talent of young generation that was indeed fantabulous. COMSATS music society won the contest winning Rs. 10,000.



# STUDENTS' WEEK

## Talent hunt:

Talent hunt was a singing and dancing competition to test the talents and hidden potentials of students. Students participated enthusiastically and proved their abilities.



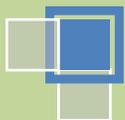
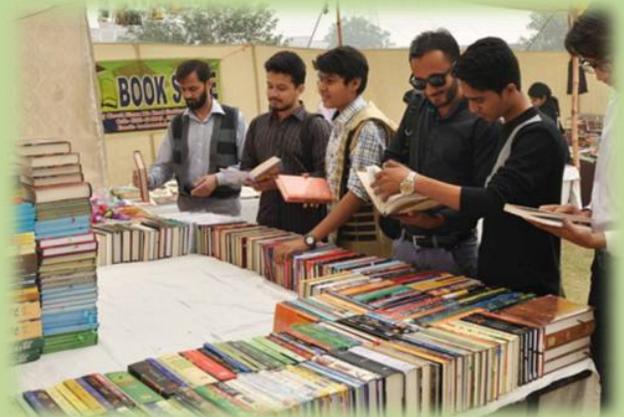
## Stalls Display:

Displayed various products like food, jewelry, dresses, accessories and other miscellaneous fun items



Hamza Tufail, Muhammad Samad, Masna Zahid and Talha were among the organizing team from CS department.

## BOOK FAIR:





CS department of CIIT Lahore campus grants scholarships to needy and on-merit students every year. Financial aid and scholarship summary till year 2015 is given by the office of Development/Registration CIIT Lahore as:

#### Merit Based Scholarship

	Scholarship Type	Scholarship Amount	Who can Apply	Eligibility Criteria
1	Merit Scholarship	Merit based/ up to 100% 1st semester tuition fee off	New applicants/students of SP16 For BS programs only	80% marks in FSC or ICS
2	Merit Scholarship	Merit based/ up to 100% tuition fee off	Every student who enrolled in CS department	Getting 3.5 or above semester GPA
3	Merit Scholarship	Merit based/ up to 50% tuition fee off	Every student who enrolled in CS department	Getting 3.2 to 3.49 semester GPA

#### Need Based Scholarship

Sr.	Scholarship Type	Eligibility	Scholarship Amount	Students Availing
1	Worker Quota-Free Education	Father/self to be worker	Covers Total Fee	57
2	CIIT Endowment Fund (CIITEF)	Need Cum Merit	Covers total fee inc. LU	11
3	CIIT Qarz e Hasna (Interest free Loan)	Need based	up to 50,000/- per semester	64
4	HEC Need Based Scholarships	Need based	Cover total fee exc. LU Fee	25
5	Punjab Educational Endowment Fund (PEEF)	Need Cum Merit	up to 62,000/- per semester	76
6	ICT Scholarship	Need Cum Merit	Covers total fee inc. LU Fee + Hostel	1
7	ICT Scholarship	Need Cum Merit	Cover total fee	1
8	Ihsan Trust-Qarz-e-Hasna (New)	Need based	upto 50% of total fee	3
			Total	238

Forms are available at SSC/ Book Shops or visit website: [www.ciitlahore.edu.pk](http://www.ciitlahore.edu.pk)

For further details/queries please contact Student Financial Aid office/[www.ciitlahore.edu.pk](http://www.ciitlahore.edu.pk)



# RESEARCH PRODUCTIVITY

## Research Publications:

Computer Science department is proud to have more publications from September onward:

- I.Raza, S. Jabeen, S.R. Chaudhry, S.A. Hussain, A. Saeed, M.S Bhatti, M. H. Raza., “Optical Wireless Channel Characterization for Indoor Visible Light Communications”, Indian Journal of Science and Technology, Vol, 8, Issue 22, September 2015. (ISI Index and Impact Factor).
- N.A. Khan and F. Ahmad, “Modeling and Simulation of Improved Random Direction Mobility Model for Wireless Networks using Colored Petri Nets”, Simulation: Transactions of the Society for Modeling and Simulation International. IF=0.818. In Press in Simulation: Transactions of the Society for Modeling and Simulation International.
- M Sajid, I A Taj, U. I. Bajwa, N. I. Ratyal, "Role of Facial Asymmetry towards Recognizing Age-Separated Face Images", Computers and Electrical Engineering, IF = 0.992

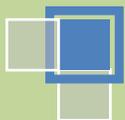
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## R & D meetings:

An interactive session of Prof. Dr. Doug Young Suh, Seoul National University, Korea with the heads of CS research groups was arranged at Lahore campus to explore International funding opportunities and collaboration in R&D. The Dean Prof. Dr. Asad Hussain, Chairman Prof. Dr. Zulfiqar Habib, Dr. Amjad Ali, Dr. Wajahat Mehmood Qazi and other faculty members participated in this discussion.



Another interactive session with Prof. Dr. Andrew Ware, University of South Wales, UK, was arranged at Serena Hotel, to explore International funding opportunities and collaboration in R&D. Chairman Dr. Zulfiqar Habib and Dr. Amjad Ali, Ms. Saima Muzaffar, faculty members and PhD scholars participated in this discussion.



# FIT CONFERENCE 2015

COMSATS held an international conference on “Frontiers of Information Technology” for 13th consecutive year on December 2015 at Serena Islamabad. FIT is a blend of different events comprising of Key note address, technical sessions including invited talks, tutorials, workshops, PhD symposium, and panel discussion, along with collocated events of Best IT Innovation Award-BITA, and project exhibition.



Key note address was given by Professor Dr. Sajjal K. Das from Missouri University of Science and Technology, USA, titled, “Beyond Cyber-Physical Era: What's Next”, which was thought provoking and full of creative ideas.



**Rana Tanveer Hussain**, Federal Minister of Science and Technology and Defense Production addressing the closing ceremony of the conference.

Technical sessions were composed of presentations of the research papers and invited talks by national and international speakers. We received 288 technical paper submissions from various countries around the world out of which 62 Papers were accepted after a thorough and neutral review process.

A total of 31 technical sessions were organized, and were chaired by renowned academicians. These sessions were a clear cut indication that research culture in our academic institutions is on upward pace. More than 31 invited talks were delivered on the latest trends in the areas of computer science and electrical engineering. These talks were thought provoking and source of inspiration for the audience. Some prominent Invited speakers, representing various universities from around the world, were

- ❖ Andrew Ware, University of South Wales, UK
- ❖ Doug Young Suh, Kyung Hee University, South Korea
- ❖ Ricardo Vardasca, University of Porto, Portugal
- ❖ Gerald Schaefer, Loughborough University, UK
- ❖ Arnold Smith, Delft Uni. of Technology, Netherland
- ❖ Katherine Matheson, The National Academies, USA
- ❖ Ali Aamer Syed, NXP Semiconductors, The Netherlands
- ❖ Zaki Malik, Wayne State University, USA
- ❖ Junaid Zubairi, The State University of New York, USA
- ❖ Muhammad Mustafa Rafique, IBM Research, Ireland
- ❖ Abdullah Ghani, University of Malaya, Malaysia
- ❖ Muhammad Sarfraz, Kuwait University, Kuwait
- ❖ Abdul Majeed, Pennsylvania State University, USA
- ❖ Ahmed E Kamal, Iowa State University, USA
- ❖ M. Imran Hayee, University of Minnesota, USA
- ❖ Mudasser Fraz Wyne, National University, USA
- ❖ Samee U Khan, North Dakota State University, USA
- ❖ Ashiq Anjum, University of Derby, UK
- ❖ Amir Hussain, University of Stirling, UK
- ❖ Omer F. Rana, Cardiff University, UK
- ❖ Arshad Ali, National Textile University, Pakistan
- ❖ Musa Cadirci, Duzce University, Turkey
- ❖ Rana Hammad Raza, NUST, Pakistan
- ❖ Asad Hussain, CIIT-Lhr, Pakistan



# FIT CONFERENCE 2015

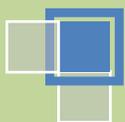
Three tutorial sessions were conducted on “Cyber Security for Critical Physical Infrastructure in Pakistan” by Raziq Yaqub, Niksun Inc., USA; “Recent Development in the Breast Cancer Prediction models using Computational Intelligence Approaches” by Safdar Ali and Abdul Majid, Pakistan Institute of Engineering and Applied Sciences; “CloudNetSim++: A GUI Based Framework for modeling and Simulation of Data Centers in OMNET++ ”, by Asad Malik, NUST, Pakistan and Samee U Khan, North Dakota State University, USA.

PhD symposium was also part of FIT 2015 where young researchers participated and shared their on-going research. Thorough deliberations were carried out and remedial measures were suggested for the problems faced by young researchers.

Best IT Innovation award of PKR 1 Million was awarded to Mr. M. Raza Kazmi and his group. The winning project was TAME: Wearable Device for Pathological Tremor Acquisition and Minimization.

And lastly we had a panel discussion on “Smart University, Myths and Realities”. The panelists provided direction and targets for policy makers.

Besides this a total of 45 projects were also displayed by undergraduate students of CIIT campuses. The projects were evaluated by experts from abroad and Pakistan and project by the Sahiwal campus won first positions.



# ACADEMIC COMPETITIONS

## VisioSpark-2015, CIIT-Wah

The Students from Department of Computer Science, Lahore participated in Visionspark-2015 and secured two positions in different competitions of VisioSpark-2015 at CIIT, Wah.

Subhan Ahmad got first position in poster design.

A Team comprising of brilliant students Muhammad Muzammil, Ali Haider, Talal Mirza and Hamza Waseem was runner up in competition of e-gaming called Moha. The faculty in-charge for this group was Muhammad Shahid Bhatti.



Subhan Ahmed, Ayesha Butt and Muhammad Haider Khan put team efforts to get 1st Position in Web designing. Third position in Web designing was also secured by the CIIT Lahore CS department students named Muhammad Rooha, Sheraz Ahmed and Shan e Mustafa.

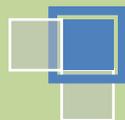
In the Ad Making, Waleed Fawad, Waizi Ali Faizi, Abeera and Talal Waseem worked together to stand first in the competition. In Android development, Yalmaz Hassan and Khurram Mazhar from CIIT Lahore, CS department performed best.



## COMBITS Attock 2015:

COMBITS 15, held at Attock on December 04-05, 2015. Thirteen different universities participated in this event. CS team from CIIT Lahore campus won five titles. Congratulations to CIIT Lahore participants.

Team of Murtaza Baig, Sana Naheed, and Moaaz ur Rehman got 1st Position in Brain Buster (Quiz Competition).



# TRAINING AND DEVELOPMENT

## Lab Staff Training

For skills development, training for lab staff of CS Department was arranged by Cisco Networking Academy. Following were the main contents of the training:

- Introduction to Desktop Computer
- Basic understanding of Networking, Printers
- Introduction to IT infrastructure in classes
- Configuring Wireless Access Point
- Configuration of Routers and Switches
- Servers and Bandwidth

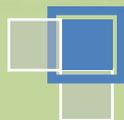


A certificate distribution ceremony was arranged by CS department where Worthy Director of COMSATS Lahore campus was the guest of honor. Director Prof. Dr. Qaisar Abbas along with Dean FIST Dr. Asad Hussain distributed the certificates among the participants.



## Winner of 2016 Endeavour Postgraduate Scholarship (PhD) from COMSATS

Ms. Ayesha Sadiq, Assistant Professor of CS department has been selected to receive a 2016 *Endeavour Postgraduate Scholarship* (PhD) to study in Australia. This prestigious award is funded by Government of Australia. She got admitted in *Monash University, Melbourne* which is ranked at No.5 in Australia and No.73 in world ranking 2015. There are total sixty

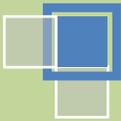


recipients of this award and this is an honor for Ms. Ayesha Sadiq that she is the only one receiving this PhD award from Pakistan in 2016.



### Seminar celebrating 100<sup>th</sup> anniversary of Albert Einstein's Theory of Relativity:

A seminar was held by Physicists of COMSATS, co-organized by Ms. Saima Muzaffar of CS to discuss various aspects of the theory and its implications for the world around us. Prof. Dr. Pervez Hoodbhoy, Prof. Dr. Hamid Saleem and Prof. Dr. Amer Iqbal were main guest speakers to address this seminar. Students showed great interest in physics concepts.



# WORKSHOP

## Materialism and our Education

Mr. Nadeem Ghafoor Chaudhry delivered an informative talk on "Materialism and Our Education". He gave historical perspectives and modern views that how materialism influencing our education and what are its outcomes. Audience showed great interest for this kind of knowledge.



### *Newsletter Team:*

*Dr. Zulfiqar Habib*

*Saima Muzaffar*

*Mehwish Fatima*

*Asmara Safdar*

*Zuhair Qadir*

*Muhammad Faisal*

*Kamran Jamil*

*Thank you Everyone*

