



DEPARTMENT OF COMPUTER SCIENCE

CIIT Lahore Campus  
CIIT LAHORE CAMPUS

# PROGRAMMING JAVA

# Newsletter

Issue Summer 2017

## Message from the Editor

A University professor wrote an expressive message to his students at the Doctorate, Masters and Bachelors levels and placed it at the entrance of a university in South Africa. The message is:

“Collapsing any nation does not require the use of atomic bombs or the use of long range missiles. It only requires lowering the quality of education and allowing cheating in the examinations by the students”

The patient dies in the hands of such doctors and the buildings collapse in the hands of such engineers. The money is lost in the hands of such accountants and humanity dies in the hands of such religious scholars. The justice is lost in the hands of such judges...

**“The collapse of education is the collapse of the nation”**

## Appointment of the New HOD

In August 2017, Dr. Ghulam Rasool has been promoted as the Head of the department. He was previously working as an Associate HOD of the Computer Science Department at CIIT, Lahore.

In his first meeting with the faculty that was held on 8<sup>th</sup> September 2017, he said that he is looking forward to work with this team to improve the mission and vision of the department, and to potentially bring in more steps in this regard. He emphasized on the importance of research, theory and practices in the field of Computer Science.

He also discussed the policies as well as measures that can ensure positive outcomes for the students.

The faculty of the Department of Computer Science appreciated and wish him well for his future endeavor.

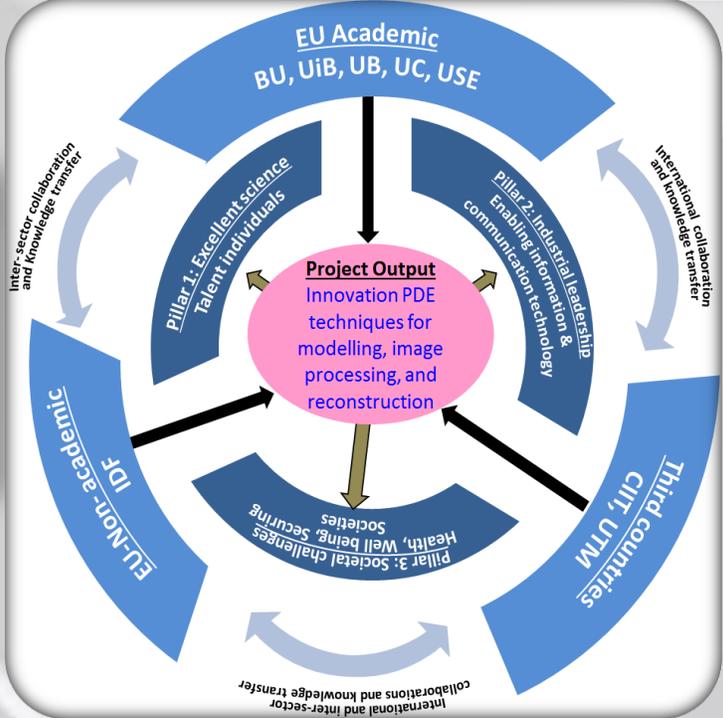


Position Certificate Ceremony in the Department of Computer Science was held on 05-05-2017 in A Block Seminar Room



# Horizon 2020, MSCA-RISE

Dr. Zulfiqar Habib from Pakistan has represented CIIT in Horizon 2020, MSCA-RISE, in the capacity of Work Package Leader among the consortium of seven international universities. This four years funded project is open for both faculty and students relevant to this area.



PDE-BASED GEOMETRIC MODELLING, IMAGE PROCESSING AND SHAPE RECONSTRUCTION

# Intelligent Machine & Robotics Group

IM&R group participated in some events. Here are some highlights.

- Dr. Wajahat M. Qazi presented a talk in Workshop on Application of Robotics Technology for Industrial Development in Pakistan held at NUST, Islamabad on 10th April 2017.
- Dr. Atifa Athar conducted a panel discussion in 1st National Conference of Computer Science and Information Technology held at LGU, Lahore on 11<sup>th</sup> May 2017.



## Farewell Party

A farewell party given to three of our honorable fellow faculty members (Dr. Farukh Zeeshan, Dr. M. Nabeel Talib and Ms. Madiha Akhtar). The party was arranged at Gourmet Restaurant on 25<sup>th</sup> July 2017. Many faculty members joined the party and appreciated their services and contribution to the department. It was a well spent day.



## Fortnightly Meeting

Every fortnight a meeting is arranged in the faculty block where the worthy scholars share their work details and enjoy some informal discussion in their formal lives. This meeting is a great chance for them to socialize with each other and spend quality time.



## GEEK Spree 2k17

To keep up the tradition of last year once again, the students from the Dept. of CS, hosted *GEEKSPREE 17*. It was an event held exclusively for computer geeks. The students from all over Pakistan participated in the event. It was organized under the supervision of **Mr. Mohsin Mehdi**.



## Swat Visit (CLSP 2017-2027)

Lahore campus is approaching a crossroad for which new directions and targets are required to be set and a road map is to be developed for at least the next 10 years.

This activity is tentatively termed as CIIT Lahore Strategic Plan-2017-2027 Workshop.

(CLSP 2017-2027) CLSP workshop has been arranged at Serena Hotel Swat on 10<sup>th</sup> and 11<sup>th</sup> July 2017. Major issues that were discussed in this workshop are CUonline processes, SWOT analysis, Degree program, Infrastructure requirements and Research methodologies.



## Mehfil-e-Mushaira

To carry forward the tradition of literature in the campus; COMSATS Literary Society founded by CS students arranged a Mushaira in the student's week. All famous poets across Pakistan were invited at the occasion. The event was chaired by the worthy director **Dr. Qaisar Abbas**.





# ADMISSIONS

Admissions for the programs of bachelors in "Computer Science", "Software Engineering" and "Computer Engineering" for Fall 2017 are being completed.

## Bachelors of Science in Computer Science

Bachelors of Science in Computer Science program at CIIT focuses on instilling comprehensive computer science knowledge among students. The purpose of this program is to produce graduates with a sound knowledge of computer science, contemporary technologies and professional skills.

## Bachelors of Science in Software Engineering

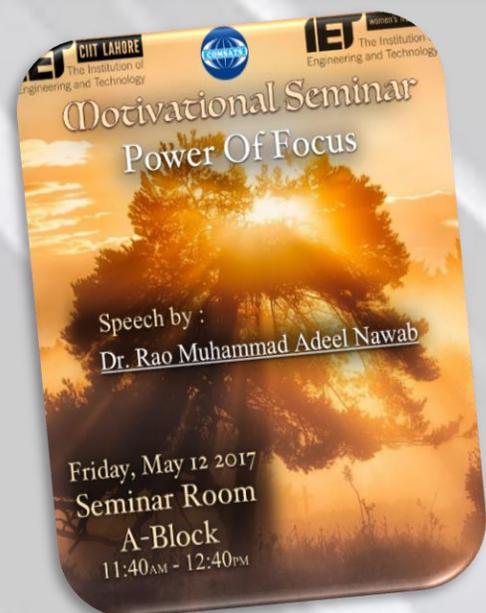
Bachelors of Science in Software Engineering program is preparing professionals having a mastery of software development principles, theory, practice and process to develop high quality software applications. It is producing future agents of change, individuals who will be leading and improving the software industry and practices in the coming years.

## Masters/Ph.D of Science in Computer Science

Masters/Ph.D of Science in Computer Science program at CIIT has been designed for the students who show aptitude towards Research and Development. Those students who wish to improve their knowledge of latest developments in Information Technology, opt this program to deepen their understanding.

## Motivational Seminars

Dr. Rao Adeel Nawab, an Assistant Professor of computer science department has conducted a seminar on "Power of Focus" on Friday, 12<sup>th</sup> May 2017. This was a successful event as it was attended by many students and faculty members. Dr. Nawab spoke about the methods to increase the power of focus and tried to motivate the audience.



## Students Scholarships

Sr. No	Name of Scholarship	Type of Scholarship	Who can Apply	Eligibility Criteria
1	Merit Scholarship	Merit based/ up to 100% tuition fee waiver	New applicants/ students of FA16 for BS programs only	Notification attached Also seen on website
2	HEC-PAK-USAID Need Based	Need Based Scholarship/ Fully funded	For open merit all Computing/Engineering BS/MS programs	Based on Need Assessment
3	NTS Need Based	Need Based Scholarships/ Partially funded	All open merit For BS/MS programs	Based on Merit cum Need Assessment
4	Punjab Educational Endowment Fund Scholarship (PEEF)	Need Based Scholarship/ Partially funded	1st semester students only For BS and MS programs	i). HSSC/BS in 2016 with 60% Marks or 2.5 CGPA ii) Domicile Punjab iii) Salary Limit P.M 30,000/-
5	CIIT-Qarz-e-Hasna (Interest Free Loan)	Interest Free Loan/ Partially Funded	All open merit students For BS and MS	Based on Need Assessment
6	Ihsan Trust- Qarz-eHasna (Interest Free Loan)	Interest Free Loan/Partially Funded	All open students For BS and MS programs	Based on Need Assessment
7	Worker children 30% Quota-Free Education	Fully Funded	Children of workers	Based upon criteria set out by PWWB
8	HEC-PM Reimbursement Scheme	Partially funded	New Intake PhD students from selected Areas	Enrolled in PhD/belongs to selected district. District list can be seen at HEC Link/at SFAO office
9	Federal/Provincial Benevolent Fund Scholarships	Partially Funded	Students/Children of permanent Govt. Employees Federal/Provincial	As per Govt. Rules/ For Details visit SFAO office
10	Kinship Concession	Partially Funded	All open merit students	Two or more students concurrently studying at CIIT

## Research Publications

Allah Bux Sargano, Plamen Angelov, Zulfiqar Habib (2017), "A comprehensive review on handcrafted and learning-based action representation approaches for human activity recognition", Applied Sciences, Vol: 7, Issue: 1, Standard: 2076-3417, Impact Factor: 1.726

M.M. Mehdi, I. Raza, Syed Asad Hussain (2017), "A Game Theory Based Trust Model for Vehicular Ad hoc Networks (VANETS)", Computer Networks, Elsevier, pp: 152-172, Vol: 121, Impact Factor: 1.446

F. Zeshan, A. Ahmad, A. Mehmood, I. Ulhaq, R. Mohamad, Syed Asad Hussain, I. Raza, N. Ahmad, A. Abdulgader, M. Babar (2017), "An Ontology-Based Service Discovery Framework for Dynamic Environments", IET Software, pp: 64-74, Vol: 11, Issue: 2, Impact Factor: 0.473

Khurshid Asghar, Zulfiqar Habib, Muhammad Hussain (2017), "Copy-Move and Splicing Image Forgery Detection and Localization: A Review", Australian Journal of Forensic Sciences, pp: 281-307, Vol: 49, Issue: 3, Standard: 0045-0618 (Print), 1834-562X (Online), Impact Factor: 0.778

Ghulam Rasool, Nancy Fazal (2017), "Evolution Prediction and Process Support of OSS Studies: A Systematic Mapping", Arabian Journal for Science and Engineering, pp: 1-38, Vol: -, Issue: -, Standard: 2191-4281, Impact Factor: .728

Atifa Athar, Khalil Ahmed, Sagheer Abbas, Yousaf Saeed (2017), "Modeling Cooperative and Competitive Emotions Using Parallel SOM for Artificially Intelligent Agents", IJCSNS International Journal of Computer Science and Network Security, , pp: 270 - 275, Vol: 17, Issue: 2, Standard: 1738-7906, Impact Factor: 1.44

Syed Asad Hussain, M. Fatima, A.Saeed, I.Raza, R.K Shahzad (2017), "Multilevel Classification of Security Concerns in Cloud Computing", Applied Computing and Informatics, Elsevier, pp: 57-65, Vol: 13, Issue: 1

Mehwish Fatima, Komal Hasan, Saba Anwar, Rao Muhammad Adeel Nawab (2017), "Multilingual author profiling on Facebook", Information Processing & Management, Elsevier, pp: 886--904, Vol: 53, Issue: 4, Standard: 0306-4573, Impact Factor: 2.391

Amna Khan, Iram Noreen, Zulfiqar Habib (2017), "On Complete Coverage Path Planning Algorithms for Non-holonomic Mobile Robots: Survey and Challenges", Journal of Information Science and Engineering, pp: 101-121, Vol: 33, Issue: 1, Standard: 1016-2364, Impact Factor: 0.333

Amna Khan, Iram Noreen, Hyejeong Ryu, Nakju L. Doh, Zulfiqar Habib (2017), "Online Complete Coverage Path Planning Using Two-way Proximity Search", Intelligent Service Robotics, pp: 229-240, Vol: 10, Standard: 1861-2776 (print), 1861-2784 (electronic), Impact Factor: 0.875

# Team

## Behind this Newsletter



Dr. Zulfiqar  
Habib



Miss Maria Abedi



Dr. Atifa Athar



Miss Anam Ahsan