**COMPUTER SCIENCE
DEPARTMENT**

NEWSLETTER

SPRING - SUMMER 2019

COMSATS University Islamabad, Lahore Campus

Message From Dean

I welcome you all on the behalf of the Computer Science Department. In comparison to other disciplines our students are getting more skillful in modern technolgy. We see our students as excellent programmers, researchers and analysts in the future. We are well aware of everyday breakthroughs in modern technology and thus are committed to equip you with advanced competencies to manage the growing needs of sciences and technologies. Our highly qualified faculty members ensure that you have a solid technical grasp on different subjects to apply this

Message From HOD

I humbly request faculty of computer science department to devote their full synergy for preparing our students as successful citizens and computer science professionals that can face all challenges of life. The future of youth is in our hands and we should play our role to the best of our capacity. I also request my dear students to work hard and focus on your study. The field of computer science is very demanding but you require skills to compete with your fellows across the globe. Good luck to faculty and students for the next semester.

Workshop on "How to read a research paper"

NLP Group of CS Department CUI, Lahore arranged a one-day technical motivational workshop.

The Department of Computer Science faculty member Dr. Rao Adeel Nawab and NLP research group successfully organized one-day technical and motivational workshop on topic of "How to read a research paper" in CUI, Lahore campus on dated 15Th February 2019. A large number of knowledge seekers, students and faculty members participated in it.

Motivational Seminar on "How to get Excellence in Mental Health"

Student Seminars

The PhD Research Seminar of the following students. The details of the seminar are as follows:

PhD Scholar: Usama Ahmed
Supervisor: Prof. Dr. Asad Hussain
Title: An Adaptive Trust-aware Brokerage Model for Cross-cloud Federation

PhD Scholar: Muhammad Ziad Nayyer
Supervisor: Prof. Dr. Asad Hussain
Title: A performance Centric Cloudlet Federation for Resource Optimization

The Department of Computer Science faculty member Dr. Rao Adeel Nawab successfully organized a seminar on the topic of "How to get excellence in Mental Health" on dated 8Th February 2019. A large number of students and faculty members participated in it.

Game Development Workshop

The department of computer science has successfully arranged and organized a game development workshop with collaboration of other CUI campuses through video conferencing. The focal person for this event was Dr. Shahbaz Akhter Abid. It was held on 23rd and 24th February 2019. All campuses participated in this event via video conferencing.

Seminar on "Power of Social Health"

Dr Rao Adeel Nawab from CS department arranged a motivational seminar on the topic of Power of Social health on 5th April 2019 in Seminar Room A-Block Lahore at 11:40 AM. In this Seminar he demonstrated that being socially helpful and cooperative makes your personality more healthy. The faculty members and students actively participated in it.

Workshop on Robotics Automation in industry

A workshop on Robotics Automation in Agro-industry was organized by department of computer science. The focal person of this event was Dr. Wajhat mahmood qazi. It was held on 5th March 2019.

Seminar on "Sub Sy Bara Roog - Kia Kahen Gy Log"

A seminar was conducted by Dr. Rao Adeel Nawab on topic of Sub Sy Bara Roog - Kia Kahen Gy Log. It was held on 3rd May, 2019 in Seminar room, A block. Students and faculty members actively participated in it.

Workshop on "SaaS for Media Monitoring and Optimization by Techlets

A workshop was organized by Dr. Usama Ijaz Bajwa on topic of "SaaS for Media Monitoring and Optimization by Techlets". It was held on 8th May 2019 in Seminar room, A Block.
Conducted by : Dr Usama Bajwa
Techlets is a Big Data and advanced analytics company, building AI and Big Data marketing automation tools for SMEs, NGOs and big industry, from FMCGs, media to telcos. The speaker, Mr.Naqqash Riasat, Works on cutting-edge technology in data sciences using big data analytics, focusing on consumer insights. These research innovative areas using
the latest solutions, covering natural language processing with a focus on Deep Learning, and neural networks. They are offering Jobs, Internships and FYP fundings to the deserving students and candidates.

Workshop on Search Engine optimization and Ethical hacking

The faculty members Dr. Wajahat Mahmood Qazi and Mr. Imran Raza from the department of computer science has Successfully arranged and organized a workshop on Search Engine optimization and Ethical hacking with collaboration of ACM Student Chapter and Robotics Society. It was held on 28th February and 1st march 2019. The overall feedback of event was very productive and positive.
A workshop on Search Engine optimization and Ethical hacking was organized by department of computer science with the colloaboration of Dr. Wajahat Mahmood Qazi, Mr. Imran Raza, ACM Student Chapter and Robotics Society. It was held on Feb 28 2019 and March 1st 2019.

PhD Research Seminar

The details of the seminar are as follows:

Ali Saeed a PhD student in department of computer science delivered a research Seminar titled "Developing Resources and Techniques for Urdu Word Sense Disambiguation". It was held on 4th April, 2019. His supervisor Dr. Rao Muhammad Adeel Nawab who is also a member of graduate advisory committee members, actively participated in it.

PhD Research Seminar

A seminar on Business Development with Cloud" was held on April, 23rd 2019 in Seminar Room, A Block. The event was hosted by department of computer science faculty members. Dr Tayyab ch gave his speech in this seminar.

Workshop on AI, Machine Learning

A WORKSHOP ON AI, MACHINE LEARNING, OFFICE 365 DEVELOPMENT & CLOUD SOLUTIONS WAS ORGANIZED BY MR. IMRAN RAZA ON MARCH 04, 2019.

Lecture on Robotics Automation in Agro-industry

IEEE RAS, computer science department has organized an introductory seminar on IEEE RAS, along with a guest lecture on "Robotics Automation in Agro-industry". Various funding opportunities through IEEE RAS platform are shared during this seminar.
The guest speaker was Dr. Yasir Niaz Khan.
Event Timing 3:30 - 5:00 PM   Seminar Hall A

A workshop on Using PowerPoint for Business Presentations

A workshop on Using PowerPoint for Business Presentations was organized by Mr. Muhammad shahid bhatti.

Fruit party of CS department

A fruit party of CS faculty and staff was arranged by Mr. Nadeem Ghafoor Chaudary on January 31, 2019 in the ground of C block. All faculty cordially participated. Dr. Ghulam Rasool, The head of computer science department also graced the party.

Meetings & Visits

Exam Board meeting of Computer Science Department

The Exam Board meeting of Computer Science Department CUI Lahore Campus with Lancaster University, UK was held on February 18, 2019. The Head of CS Department and concerned faculty members presented agenda of DDP students of BSCS and BSSE program for approval of results of FA 18. The critical/marginal cases of DDP students were discussed.

A get together with the Alumni of VIG-Robotics

Center for Research in VIG-Robotics has been blessed a lot with the successful completion of 5 PhDs during the last few semesters along with the awards of best researcher & teacher. Whole CS Faculty was invited to this celebration.
To celebrate this achievement a get together was arranged with the Alumni of VIG-Robotics at dinner on the behalf of Center for Research in VIG-Robotics.

Meeting of comprehensive exam committee

A MEETING OF COMPREHENSIVE EXAM COMMITTEE FOR DISCUSSION ON RESULTS OF 3 PHD STUDENTS WAS HELD ON 17TH APRIL 2019

Meeting of HOD CS and DARC

A MEETING OF HOD CS AND DARC COMMITTEE MEMBERS WITH FACULTY WAS HELD ON DATED 26TH APRIL 2019.

Meeting of HOD CS

A MEETING OF HOD CS AND DARC COMMITTEE WITH ALL FACULTY MEMBERS WAS HELD ON FRIDAY, 26TH APRIL 2019 AT 2:00 TO 2:30 IN C BLOCK LAB GP.

Visit of delegation of Professors from Hasselt University Belgium

On the invitation of Higher Education Commission (HEC), a delegation of Professors from Hasselt University Belgium accompanied with a Rep of HEC visited CUI Lahore Campus on Friday February 22, 2019 to explore opportunities for academic/research collaboration.

Industrial Visit To Punjab Safe City Authorities Lahore

An official industrial visit to Punjab safe city authorities Lahore was organized by the department of computer science for faculty and students. The Purpose of visit was to give first hand insight information about the working mechanism of Punjab Safe City Authorities and how they are trying to make our cities safe by monitoring and controlling the whole city's traffic using integrated software systems. During the visit students were briefed about different departments of the centre and they showed keen interest in state of the art deployed systems.

BBQ Party

Faculty of Department of Computer Science, CUI, Lahore Campus, organized a contributory BBQ on Mar 27, 2019 at old Fruit Shop/Juice Corner near old executive cafeteria. The party was organized by Ch. Nadeem Ghafoor and Abdul karim Shahid.

Orientation Day
Spring 2019

JOB FAIR 2019
A Step Towards Future
COMSATS UNIVERSITY ISLAMABAD, LAHORE CAMPUS

JOB FAIR 2019
Wednesday,
February 27th, 2019

Lahore Campus, Defence Road, Off Raiwind Road, Lahore.
111-001-007 ext 221, 042-99203888
Email: jobfair2019@culahore.edu.pk

Media Partners

/ culhrjobfair2019

Mehfil-E-Noor

This event was held at

Jamia Masjid Comsats University Islamabad Lahore Campus.
Allama Muhammad Raza Saqib Mustafai (founder Idarat-Ul-Mustafa international gujranwala) presented his lecture on "Islam Dene Haya Hay".

COMSATS Job Fair, 2019

A Job fair was held on 27th February 2019 in CUI, Lahore Campus. The Head of department of computer science Dr. Ghulam Rasool and faculty members actively participated in it. He also discussed internships and career opportunities with HR mangers of different I.T companies for the betterment of student's future.

CIMUN

The COMSATS International Model United Nations, CIMUN, hosted its fifth iteration from the 31st of January to 3rd February 2019.

The chairperson for the conference Dr. Usama Ijaz Bajwa, along with the executive council consisting of Sarmad Khan (President), Warda Rashid Khan (Secretary General), Nadir Latif (Under Secretary General), Nimra Zahid (Director General) and Mishaal Tariq (Treasurer) worked tirelessly for months to make the conference a success. Each year CIMUN works towards tackling global issues that are of concern to all the citizens of this planet. This year CIMUN collaborated with the United Nations Information Center, UNIC, to bring forth the Sustainable Development Goals as a key theme for the conference. CIMUN had attendance of international delegates from China, Nigeria and Afghanistan along with National representation from all four provinces to ensure a diverse conference which worked towards developing lasting ties among it participants. Other notable partnerships included Mangobaaz, Urdupoint and Pixelarts.

COMSATS-DICE-IET 2019

The DICE-Information and Enabling Technologies (IET) Innovation event is one of the major initiatives of COMSATS University Islamabad (CUI), Lahore Campus and DICE Foundation. It has been conducted every year since 2007. The event is organized with mutual collaboration of EE and CS department. The event was held on 08-09 March 2019. The HOD CS and faculty members enthusiastcally participated in it.

International Students Convention

Students of department of Computer Science participated in International Students Convention 2019 on 17 & 18 April, 2019 (Wednesday-Thursday) at Royal Palm Golf & Country Club, 52, Canal Bank Road, Mughalpura, Lahore.

7th ExcITeCup 2019

An event 7th ExcITeCup 2019 was held in march, 2019

This exciting platform provided an opportunity to brightest mind students to prove their skills in technology competitions. It was to enhance their skills in learning and competing in friendly environment. The event had a variety of competitions such as:

1 Speed Programming Competition

2 Software Project Competition

3 Quiz Competition

4 AppThon Competition

5 Photography Competition

6 e-Gaming Competition

7 Table Tennis Competition

8 Mushaira Competition

9 Poster Design Competition

Undergraduate students of Computer Science Department participated in 7th episode of "ExcITeCup 2019" on April 13, 2019 at Capital University of Science and Technology, Islamabad and secured following positions:
Call of Duty (E-gaming): 1st Position
Programming Competition: 2nd Position
Table Tennis: 2nd Position
Quiz Competition: 3rd Position

Farewell party

A staff member name Mr. Waseem Abbas Sheikh designation Jr. Lab Assistant has been transferred to Comsats Vehari Campus. In the honour of his services and as a good gesture, the head of department, lab management committee and other staff member gave him farewell party and wished him good luck for future.

GameJam Event

An Inter-Campus gaming competition (GameJam Event) envisioned by Worthy Rector and Dean FIST was held on 11th and 12th April 2019 at CUI Principal Seat. Three teams from the department of computer science CUI, Lahore campus were participated in the event. This is to share with immense pleasure that CS Lahore teams secured first and second positions in the event. It is indeed a great honour for our CS department and CUI, Lahore campus.
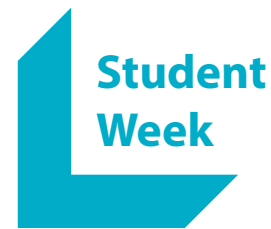

EXPO DAY

Tech startup showcases of Pakistan students from COMSATS University Lahore to experience Expo Day 2019 on 4th April in Arfa Tower Software Park from 12pm to 5pm.

THE BUSINESS FORUM AT EXPO CENTRE

Students of CS department attended business forum that was held on12th April, 2019 at expo center, Lahore.

Student Week

Student week SP 2019 was arranged under the Supervision of Mr. Imran Raza, Assistant Professor, Department of Computer Science. Following events that took place in Student week
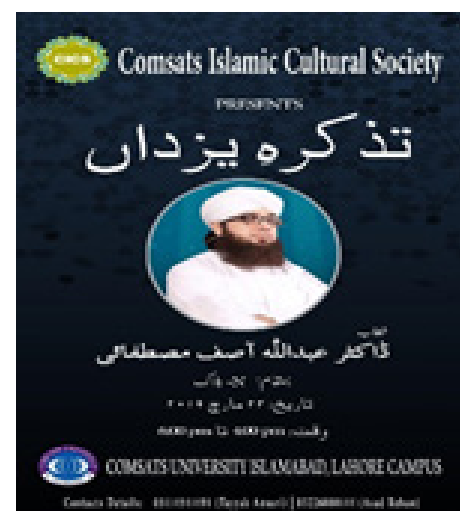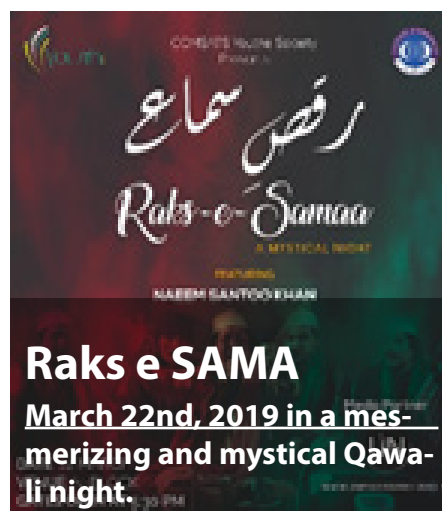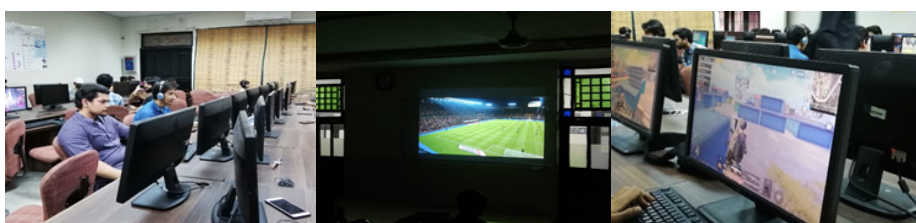

Student Week

Sr. No.	Event	Date	Time	Venue	Student Society	Event Incharge
1	Opening Ceremony	Friday 22 March, 2019	4:00 PM	Cricket Ground		Mr. Rehan Yousaf
2	Sports Activities	22-to-27 March, 2019	10:00 AM-to-6:00 PM	Sports Grounds		
3	Sarab-e-Hayat	Friday 22 March, 2019	4:00 PM to 6:00 PM	N-Block	COMSATS Islamic Cultural Society	Ms. Shazia Chand
4	Qawali Night	Friday 22 March, 2019	6:00 PM to 9:30 PM	N-Block	COMSATS Youthe Society	Mr. Mohsin Mehdi
5	MOTOTECH'18	Saturday 23 March, 2019	11:00 AM-to-6:00 PM	Faculty Parking (D-Block)		Ms. Tooba Ahmad
6	National Peace Summit Pakistan 2019 and Cultural Evening	Saturday 23 March, 2019	11:00 AM-to-9:00 PM	N-Block	Mentor Amiable Professional Society (MAPS) & COMSATS Literary Society & Danish Society	Ms. Saima & Dr. Tariq Najmi
7	COMFEST 2019	Monday 25 March, 2019	11:00 AM-to-6:00 PM	In front of C-Block	COMSATS Management Club	Ms. Rabail Tariq & Mr. Fahad Javed
8	Mehfil-e-Mushaira	Monday 25 March, 2019	06:00 PM-to-9:30 PM	N-Block	COMSATS Literary Society	Ms. Saima
9	Mental Health Week	25-to-27 March, 2019	11:00 AM-to-5:00 PM	N-Block	COMSATS Psychological Society	Dr. Shameem
10	Praxis'19	25-to-27 March, 2019	11:00 AM-to-5:00 PM	Block B and Baradari	IEEE, IET, WIE	Mr. Syed Junaid Akhtar
11	CITE-19	25-to-27 March, 2019	11:00 AM-to-5:00 PM	C-Block, Ground adjacent to Punjabi Café	COMSATS Information Technology Society	Mr. Junaid Anjum
12	CODE RED	25-to-27 March, 2019	11:00 AM-to-5:00 PM	C-Block	ACM Chapter & IEEE RAS	Dr. Wajahat Qazi
13	PET Show	Tuesday 26 March, 2019	11:00 AM-to-5:00 PM	C-Block, Ground adjacent to Punjabi Café		Mr. Mohsin Mehdi
14	Inter-university Dramatics Competition	Tuesday 26 March, 2019	05:00 PM-to-9:30 PM	N-Block	Inkeshaf & COMSATS Psychological Society	Ms. Kainat Khalid
15	Sports Gala	Wednesday 27 March, 2019	11:00 AM-to-6:00 PM	N-Block		Ms. Ayesha Aziz
16	Musico Fest + Mousike Rave	Wednesday 27 March, 2019	05:00 PM-to-9:30 PM	N-Block	COMSATS Music Society & Pixter	Ms. Huma & Ms. Sumaira
17	CUI Lahore All Pakistan Declamation Contest	Friday 22 March, 2019	11:00 AM-to-5:00 PM	A-Block	COMSATS Lahore Debating Society	Ms. Khazra Ejaz
18	Chemgames-2019	Wednesday 27 March, 2019	11:00 AM-to-5:00 PM	Chemical Engineering Dept.	AIChE	Dr. Qandeel
19	Brain Jam	Tuesday 26 March, 2019	11:00 AM-to-5:00 PM	N-Block	Alkhawarizmi	Dr. Aksam
	Closing Ceremony	Wednesday 27 March, 2019	3:00 PM	Cricket Ground		Mr. Rehan Yousaf

CITE 19

Several important festivals and events were organized by students during the student week 2019 under the supervision of Mr. Junaid Anjum and Mr. Imran Raza of Department of Computer Science. Different socities organized multiple activities in the event entitled "CITE 2019" on March 23, 24, 25 2019. The details of the event are:

1 GAMING COMPETETION

A gaming competition was conducted which involved both students of COMSATS as well as students from outside universities. The games conducted were FIFA 19, DOTA 2, Counter Strike (CS), Modern Warfare 3 and Players Unknown Battleground (PUBG) Mobile. The event was conducted in C-Block in 2 labs and one classroom.

Raks e SAMA
March 22nd, 2019 in a mesmerizing and mystical Qawali night.

Tazkira-e-yazdaan

COMSATS Islamic Culture Society has a tradition to highlight the Islamic culture and values through different peaceful events. This time by building upon its legacy it presented a talk on "Tazkira-e-Yazdan" by one of the renowned Personality, Dr.Abdullah Asif Mustafai on Friday 22nd March 2019 to educate our younger generation. "Tazkira-e-Yazdaan" was organized by COMSATS Islamic Cultural Society (CICS).

Praxis 19

Department of Electrical and Computer Engineering organized mega event Praxis 19 in the student week. The opening ceremony was held on 25th March 2019 at 11:45 am in front of ECE Department. Worthy Director CIIT Lahore, Dr. Qaiser Abbas inaugurated the ceremony.

Essay Competition

The essay writing competition among students of all departments of CUI Lahore campus was organized by Humanity department during student week. The first four positions are won by students of department of computer science and they were awarded with cash prizes.

2 PHOTOGRAPHY COMPETETION
A photography competition was held in which a theme was allocated, and the students were tasked to capture with their own cameras. This event was also a success with huge students participation.

3 TREASURE HUNT
A treasure hunt was also held, where students were given clues to get from one checkpoint to another. The first team to reach the end was designated as the winner.

4 FUTSAL
Like every student week, a Futsal competition was held with the participation of both CUI students as well as other university students also participated. The event was also sponsored by Leisure League. The spon-sor gave signed T-shirts to the winners of the match and a signed football to the player with the highest scored goals.

The whole event of CITE 19 was made possible by the hard work of the management of the CITS society

At the end of the Student week, a closing ceremony was held in which shields, and prize money were distributed among the winners of the multiple events. Mr. Amaid Zia was the chief guest and he distributed the prizes among the students.

CODE-RED

Dr. Wajahat Mahmood Qazi, CUI Lahore ACM Students Chapter in conjunction with IEEE-RAS arranged the Inauguration of Spring' 19 CODE-RED event held on 25-26th March, 2019. The event was comprised of the following competitions aimed at utilizing the skills and knowledge of students joining from a variety of Institutes. These exercises enabled participants to think swiftly and act intelligently in order to realize their problem solving potential. The competitions were,

- Speed Programming
- Buzzer Round Competition
- Web Design Competition
- Poster Design Competition
- Innovative Idea
- Robotics
- Chess Competition (Student matches and Faculty matches)

Brain-Jam

The Al Khwarizmi Society under the supervision of Dr. Aksam Iftikhar organized an event named "BRAIN JAM" during student week spring 2019.

It was a multi-event with 3 sub-events named Crime Hunt, Figure it out and Debug the code, that assesses and demonstrated critical thinking skills of the participants in a fun mode.

In particular, it was a competitive event, where participants were provided different logical problems and they competed in teams to solve them. The objective was to let them showcase their ability to think logically and rationally. A value added event for problem solvers was DebugTheCode, in which participants were required to find and remove bugs in computer programs already provided to them. The winners were decided by points scored and the soundness of the methodologies followed.

Figure it out: In the event Figure it out, students had to think out of the box and use clever ways in an event that included a minimum of two and maximum of five members in a team. One member of the team had to sketch on the board and use nonverbal cues to help the team figure out the term. Each team was given about two minutes to figure out the term. The terms included nonliving things such as "Summit" and "Crown Jewel".

Crime Hunt: In the event Crime Hunt the students of COMSATS University Lahore Campus participated. They have given few scenes according to which they had to analyze and use their logical and critical thinking to demonstrate that either its is a murder or a suicide. They were supposed to elaborate their answer, if it is murder why it so and if it is suicide then how you came to know that it is a suicide. **DEBUG THE CODE:** As we all know that debugging the code is the major part of the computer students they have known how to find and fix the errors in the code, so we decided to have a sub event named as Debug The Code. The event Debug The Code held on March 27th, 2019 in C block Lab, in which some bugged and errored code were given to the participants. The participants just had to find those errors and fix those by running the specific code. It was a successful event.

Mehfil-e-Mushaira

As per tradition, Comsats Literary Society (CLS) organized a Mehfil-e-Mushaira (Bazm-e-Mazah) in the student week on Monday, 25th March, at 6;00 p.m. Renowned poets who are an asset of our tradition and culture joined us.

1 SAYED SALMAN GILLANI

2 ZAHID FAKHRI

3 M.TAHIR SHAHEER

4 MURLI CHOHAN

5 FAKHAR ABBASS

6 IDREES QURESHI

7 DR. SAEES IQBAL SADI

8 M. ARIF

Closing Ceremony of Student Week SP 2019

The Closing Ceremony of Student Week SP 2019 was organized at CUI, Lahore Campus Cricket Ground on 27th March, 2019 (Wednesday) at 3.00 P.M.

All respected faculty and staff members attended the ceremony. Dr. Qaiser Abbas, Directore CUI, Lahore Campus graced the ceremony as Chief Guest. A cricket match between Faculty and Administration teams was played.

Other News

PhD Thesis Defense

Mr Khurshid Asghar, a PhD student defended his PhD thesis successfully on April 16, 2019.

Oral Defense of PhD Scholar

The oral defense of PhD candidate, Mr. Ghulam Gilanie (Registration No. CIIT/FA14-PCS-007/LHR) Department of Computer Science, CUI Lahore Campus was held on

Date: Thursday, 2nd May 2019
Time: 03:00 PM
Venue: Conference Room, D-103, CUI Lahore Campus

Thesis Title: Automated Detection and Classification of Brain Tumor from MRI Images using Machine Learning Methods Information

SPORTS HIGHLIGHTS IN STUDENT WEEK

- Inter- Departmental Volleyball competition was organized on March 26, 2019. The final match was played between Departments of Electrical Engineering and Computer Science. Department of Computer Science won the final match by 2-0 sets.
- Inter- Departmental Table Tennis (Girls) competition was organized on March 25, 2019. The final match was played between Department of Architecture and Computer Science. Department of Architecture won the final match by 3-2 sets.
- Inter- Departmental Football competition was organized on March 25, 2019. The final match was played between Departments of Management Science and Computer science. Department of Management Sciences won the final match by 2-1 goals.
- Inter- Departmental Hockey competition was organized on March 23, 2019. The final match was played between Department of Chemical Engineering and Department of Computer science. Department of Chemical Engineering won the final match by 1-0 goals.
- Inter- Departmental Chess competition was organized on March 25, 2019. The final match was played between Departments of Computer Science and Chemical Engineering. Department of Chemical Engineering won the final match by 2-1 games.

COMSATS Lahore ACM student's chapter annual anniversary

An official cake cutting ceremony was held on 6th May 2019 in department of computer science regarding COMSATS Lahore ACM student's chapter anniversary. Respected Dean FIST, Head of Department, senior faculty members and a large number of students actively participated in it. In continuation of this ceremony, Dean FIST distributed certificates among members of ACM student's chapter and also distributed local prize money cheques to the winners of GameJam event 2019.

Distinguished FYP Project

Project Name :Wheat Guard
Supervisor: Dr. Usama Ijaz Bajwa
Team: Faiz ul Bari Qureshi , Haseeb Ali, Muhammad Ansab bin Mahmood
Batch: 2015-Spring
Plan9 (Technology Incubation)
Area: Agriculture Informatics
Year : 2019
Distinction: Project incubated in Plan 9 (Technology Incubator)

Outstanding Achievements by CS Faculty members

- Funding of PKR 43.284 Million for establishment of Video Analytics Lab under the National Center in Big Data and Cloud Computing (NCBC) approved by Planning Commission, Govt. of Pakistan. Dr. Usama Ijaz Bajwa (CO-PI). In collaboration with Pakistan naval engineering college, Karachi.

- A senior faculty member of Computer Science department Dr. Wajahat Mahmood Qazi was invited by Air Vice Marshal Asad Ikram, SI (M), Director General, Aviation Research Innovation & Development, Pakistan Aeronautical Complex (PAC), Kamra at their "Aviation Research, Indigenization & Development (AvRID)" department to give the talk and to participate in the panel discussion. The panel consisted of Air force/PAC personals, Govt representative (CEO of Ignite), Industrial and Academic Partners from NUST, Air University, Institute of Space Technology, University of Lahore and National Center for Artificial Intelligence. His role was to share his views on How Artificial Intelligence and Cybernetic-cognition can help in the development of 5th generation Aircraft and how quantum computing and singularity AI is going to implicate the future of Pakistan.

- Funding grant is achieved for
  Project Title: An Intelligent Brain Computer Interfacing (BCI) based personalized healthcare system for neuro-rehabiliatation.
  Principal Investigator : Professor Dr. Syed Asad Hussain, Mr. Imran Raza.
  Funding Agency : HEC-NRPU.
  Collaborating Organizations: : Harvard Medical School, University of Salford, Manchester, UK, Salford Royal NHS Fondation, Manchester, UK, Pakistan Society for the Rehabilitation of the Disabled (PSRD).
  Amount: 13 Millions Pkr

- Dr. Hamid Turab Mirza (Assistant Professor, CS) chaired a session titled "Data Sciences, Knowledge Systems and Data Visualization" at 2nd International Conference on Advancements in Computational Science held at The University of Lahore, Lahore, Pakistan 18-20 February 2019.

- Dr. Amjad Ali's paper Title "NOn-parametric Bayesian channEls cLustering (NOBEL) Scheme for Wireless Multimedia Cognitive Radio Networks" is accepted in IEEE Journal on Selected Areas in Communications (IEEE-JSAC) with Impact Factor 7.172. IEEE-JSAC is considered as World's Most Prestigious Journal in the field of Computer Science and Engineering. Special thanks to Prof. Nguyen H. Tran from The University of Sydney, Australia, Prof. Dusit Niyato from Nanyang Technological University, Singapore and Prof. Sangheon Pack from Korea University, South Korea for their contribution and guidance.

- The department of computer science faculty member Dr. Aksam Iftikhar successfully completed PGD education from Virtual University, Pakistan. In pursuance of continuous improvement and excellence in teaching methods.

- The FYP projects of students of department of computer science are selected on platform of business start-up office. The selected students got cash prizes and appreciation certificates from organizers. Details are mentioned.

Sr no	Student name	Supervisor name
1	Syed Asad Najam	Mehwish Waqas
2	Hafiz Shahbaz Rasheed	Muhammad Ali Khan

The Oral defense of PhD candidate

The oral defence of PhD candidate, Ms. Fatima Sabir (Registration No. CIIT/SP14-PCS-003/LHR) Department of Computer Science, CUI Lahore Campus was held as follows:

Thesis Supervisor: Dr. Ghulam Rasool
Thesis Title: Detection of Antipatterns from Service Oriented Architecture
Date: Thursday, 30th May, 2019
Time: 11:00 AM.
Venue: Conference Room, D-103, CUI Lahore Campus.

- Dr Usama Ijaz Bajwa got best teacher award for the Year 2017 at campus level from the Department of Computer Science.

- Prof Dr Zulfiqar Habib got best researcher award for the Year 2017 from Department of Computer Science at campus level.

Research Publications

The Following Research Papers of Computer Science Department Faculty members were accepted/published. Details are mentioned below:

- A.Sikandar, WaqasAnwar, M.Sikandar "Combining Sequence Entropy and Subgraph Topology for Complex Prediction in Protein Protein Interaction (PPI) Network" Current Bioinformatics Accepted (Impact Factor: 0.54)
- Li Feng, Amjad Ali, Hannan Bin Liaqat, Muhammad Aksam Iftikhar, Ali Kashif Bashir, and Sangheon Pack , "Stochastic Game-based Dynamic Information Delivery System for Wireless Cooperative Networks", Future Generation Computer Systems, Article in Press, 2019 with IMPACT FACTOR: 4.639.
- Dr. Shahbaz Akhter Abid journal paper titled "An improved method to deploy Cache Servers in Software Defined Network-based Information Centric Networking for Big Data" is accepted for publication in Journal of Grid Computing having Impact Factor 2.8.
- L. Hussain and A. Ali and S. Rathore and S. Saeed and A. Idris and M. U. Usman and M. A. Iftikhar and D. Y. Suh, "Applying Bayesian Network Approach to Determine the Association Between Morphological Features Extracted from Prostate Cancer Images," in IEEE Access, vol. 7, pp. 1586-1601, 2019. Link:https://ieeexplore.ieee.org/document/8579592/authors#authors
- Wajahat Mahmood Qazi, Syed Ali Raza, Atifa Athar and Umer Farooq (2019) "User Feedback based Trust Management in Cloud Computing using Back Propagation Neural Network" Accepted in ICCMIT 2019: International Conference on Communication, Management and Information Technology, No: 257, 3rdMarch 2019, Vienna, Austria.
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- Shaina Ashraf paper titled "Application of machine learning techniques to analyze anastomosis integrity after Total gastrectomy for prediction of clinical leakage" has been accepted and published in journal Health and Technology. Link: https://rdcu.be/bA38Y
- Dr. Amjad Ali's paper Titled "NOn-parametric Bayesian channEls cLustering (NOBEL) Scheme for Wireless Multimedia Cognitive Radio Networks" is accepted in IEEE Journal on Selected Areas in Communications (IEEE-JSAC) with Impact Factor 7.172.
- IEEE-JSAC is considered as World's Most Prestigious Journal in the field of Computer Science and Engineering.
- Dr. Rao Adeel Nawab paper titled "On Comparing Manual and Automatic Generated Textual Descriptions of Business Process Models" is accepted for publication in Journal of Software: Evolution and Process.
- Sheeza Zaheer paper titled "On Comparing Manual and Automatic Generated Textual Descriptions of Business Process Models" was accepted in Journal of Software: Evolution and Process.
- Ghulam Rasool, Maria Khan paper titled "Mobile Game Design Patterns" has been accepted by the ICECCE 2019 for an oral presentation and publication.
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Book Chapters

Following two chapters have been accepted for publication, Book entitled "Big Data enabled IoT: Challenges and Opportunities" to be published with Institution of Engineering and Technology (IET), UK

Chapter:
- Chapter 1 Title: Information Centric Trust Management for Big Data Enabled IoT.
- Chapter 2 Title: Edge Computing Based Architectures for Big Data enabled IoT.

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Two book chapters of Dr Wajahat Mehmood Qazi were published in Springer. Details are mentioned below.

Book Title:

       Recent Trends and Advances in Wireless and IoT-enabled Networks.

Chapters:
1. A Tool for Knowledge-Oriented Physics-Based Motion Planning and Simulation.
2. Machine Imagination: A Step Toward the Construction of Artistic World Through Storytelling.

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