



Newsletter

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COMSATS University Islamabad, Abbottabad Campus

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Editor's Message

In this Volume 13 Issue 2 of Newsletter of CUI Abbottabad, you will go through different accomplishments of faculty, and students. International workshop on Energy Materials and Nanotechnology (EMNT 2018) took place. Student Start-up Business Center (SSBC) arranged different activities, trainings, and visits for the multidimensional exposure of our students. Dr Maroof Shah, Chairperson Biotechnology Department was awarded the Pakistan Academy of Sciences Gold Medal. Dr Jamshed Iqbal T.I was awarded the Prestigious Fellow of the Royal Society of Chemistry Award. Department of Earth Sciences inaugurated a GIS and Tectonics Lab. Dr. Qaisar Mahmood T.I attended a Science and Technology Exchange program meeting in Sultan Qaboos University, Oman. There are various other news and events that we hope will give you the insight of life at our campus. Many exciting ventures are in pipeline; stay informed and keep reading.

We welcome our new departmental editors on board, and look forward to working together for better and brighter future.

Saadia Munir
Editor-in-Chief

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Awareness Session on Road Safety **Department of Humanities** **14 November 2018**



Humanities Department, CUI, Abbottabad Campus in association with the National Highways and Motorways Police (Khyber Pakhtunkhwa) arranged an Awareness Session on Road Safety at 11 am on 14 November 2018 in Auditorium Hall. The informative session was arranged for the Faculty, students and staff of CUI, Abbottabad campus. The Police officers had a presentation for the audience to enlighten them about the hazards involved while driving on the National Highways especially on Motorways.



They also briefed the audience about the safety precautions to be taken during their journey and measures which can be taken if they face any accident. Afterwards a question and answer session was conducted. The session ended with a vote of thanks by the Campus Director and Chairman Humanities Department to Motorway Police officials on successful conduct of this awareness session and they also urged them to conduct more such sessions on periodic basis.

Guest Speaker Session with Mr Asim Khan, Supply Chain Executive, Lidl Great Britain Limited, UK **Department of Management Sciences** **10 September 2018**

Department of Management Sciences arranged a session with Mr Asim Khan, Supply Chain Executive at Lidl GB Ltd. UK. He shared his experiences regarding Supply Chain Management and work life in UK. The session was conducted in Language lab of CUI Abbottabad campus. The students had many questions for the speaker. Mr

Asim shared his experiences. He was presented with a campus souvenir by Dr Kashif Rashid, Head of Department Management Sciences. Various faculty members including Dr Wasim Ikram, Mr Nadeem Bokhari, Dr Muhammad Asif, Mr Arshad Aziz were also present at the occasion.

ISO Workshop Quality Enhancement Cell 17 December 2018



The Quality Enhancement Cell of CUI Abbottabad campus arranged a workshop titled as 'Preparation for External Audit 9001:2015 (Revised Version)' on 17 December 2018. Mr Abdul Ghaffar was invited as the focal Person from Constech Pakistan. Overall 48 participants (Assessment Team (AT) Members) from 31 academic and non-academic departments of CUI Abbottabad Campus participated in the workshop. Moreover, six members from QEC Islamabad also joined the subject workshop. The activity was formally started at 10 AM with the recitation of Holy Quran and welcome note by In-Charge QEC, Dr Zulfiqar Ahmad Bhatti. The focal person briefed about the components of ISO 9001:2015 (Revised Version) and also addressed the queries from ATs regarding



job description (JD), standard operating procedures (SOPs) and audit procedures. AT members from all academic and administrative departments shared their questions about ISO file which were addressed by the focal person during question answer phase of the evening session. At the end of the workshop, Dr Imdad Khan (HOD Electrical Engineering) addressed the workshop participants and highlighted the significance of the activity. The event was formally closed by conducting certificates distribution ceremony at the end. QEC Abbottabad is highly thankful to Campus Director, Prof. Dr Arshid Pervez for his professional support and interest to make the activity possible.

Seminar on Overseas Scholarships and Opportunities Department of Electrical and Computer Engineering 31 October 2018

This event was an information and guidance-based event in which participants were briefed about overseas scholarships. Information on requirements and opportunities available to both

MS and PhD students was delivered to students by Dr Ihsan Ullah from Electrical and Computer engineering department. The activity was held on 31 October 2018 in language lab.

Prime Minister's Laptops Distribution Ceremony

9 August 2018



Team from CUI Islamabad visited CUI Abbottabad campus on 9 August 2018 for the distribution of the laptops among the distinction CGPA holders of BS, MS, and PhD level students. Mr Gul Muhammad, Additional Registrar, CUI



Islamabad campus, and Mr Asif Mushtaq, Deputy Registrar (Legal) and their team visited CUI Abbottabad campus for the award of these laptops. Director CUI Abbottabad campus distributed the laptops. A total of 761 laptops were distributed.

Pakistan Engineering Council is approved by Washington Accord

Department of Electrical and Computer Engineering

11 July 2018

Pakistan is officially a member of the Washington accord from 21 June 2017 with the permanent signatory status of the Pakistan Engineering Council (PEC). This is considered a significant step of progress for the higher-education sector in Pakistan. Now, how does Pakistan being part of the Washington Accord benefit Pakistani students?

Washington Accord recommends that graduates of programs accredited by any of the signatory bodies be recognized by the other bodies as having met the academic requirements for entry to the practice of engineering in the area of their jurisdiction. The Washington Accord encourages and facilitates the mobility of engineering graduates and professionals at international level.

A student graduating from COMSATS University Islamabad, Abbottabad campus will be eligible to practice as an engineer in his/her relevant domain in any of the countries that have signed the Washington Accord.

The Washington Accord is a step forward to improve the higher-education system in Pakistan and allow our graduates to compete at a global stage.

At present, the Washington Accord member countries include Australia, Canada, Taiwan, Pakistan, Hong Kong, India, Ireland, Japan, Korea, Malaysia, New Zealand, Russia, Singapore, South Africa, Sri Lanka, Turkey, the United Kingdom and the United States.

Newsbite

Visit to Changchun Institute of Applied Chemistry Under Joint Research Project of PSF-NSFC China

Department of Chemistry

September 2018

Mr Tausif Ahmad Khan MS student at Department of Chemistry, CUI-Abbottabad Campus joined Changchun Institute of Applied Chemistry (CIAC) in September 2018 under joint research project of Dr Sohail Anjum Shahzad (Pakistan

Science Foundation (PSF) and Professor Cong Yu (National Natural Science Foundation of China (NSFC). His research is mainly focused on “Development of fluorescence-based sensors for next-generation applications”.

International Workshop on Energy Materials and Nanotechnology (EMNT-2018)

Department of Chemistry

15 August 2018



EMNT-2018 was an effort to bring Pakistani and foreign professors and researchers together for collaboration, sharing of ideas and to initiate advanced research in energy sector through implementing nanotechnology. The goal was to bring research from laboratory to market.

EMNT-2018 covered a broad range of topics related to Fuel Cells, Solar Cells, Li-ion Batteries, nanomaterials for energy devices, hydrogen production and polymers for energy applications.



The delegates from various universities attended the workshop:

- Chinese Academy of Science, China,
- LUMS-Lahore,
- UET-Lahore,
- PIEAS-Islamabad,
- Quaid-i-Azam University, Islamabad,
- COMSATS University Islamabad, Lahore Campus
- SCME, NUST, Islamabad

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- USCAS-E, NUST, Islamabad
- COMSATS University Islamabad, Lahore Campus
- National Center for Physics, Islamabad
- University of Lahore, Lahore
- Punjab University, Lahore
- Fatimah Jinnah Women University, Rawalpindi
- Hazara University, Mansehra
- GC University, Faisalabad

The workshop covered plenary lectures, oral presentations, poster presentations and lab visit for advanced instruments training. Instruments training was with the objective to train students for handling and use of these instruments for various

applications. Participants of the workshop received training of NMR, HPLC, Fluorescence Spectrometer, Contact angle analyser, Potentiostats/galvanostate electrochemical workstation, UV/Vis spectrophotometer.

Regarding the poster session, total 30 posters were presented in this workshop related to energy materials and nanotechnology. Our invited speakers and experts evaluated the posters for 1st, 2nd, and 3rd position. The poster winners were awarded with cash prize and certificates.

For entertainment of the participants, an excursion trip was arranged to Nathaigali, Abbottabad, one of the many famous and beautiful places of Pakistan.



Pakistan Engineering Council (PEC) Visit for Accreditation

Department of Civil Engineering

22-23 November 2018

PEC EAB visitation team was received by HEI representative on Thursday 22 November, the following activities were conducted during the visit.

- Opening Meeting with Head of the Institute (HOI) and his Team:
- Welcome Remarks by the HOI and introduction of his Team
- Opening and briefing by Convener on the purpose of visit, followed by Introduction of his Panel/PEVs,
- Presentation by Dean/HOI on the salient features/strengths of HEI
- Tour of program specific Lab facilities, computing facilities, workshops and project labs.

- Safety precautions/measures
- Visit of common facilities, like Library, Computing Centre, common laboratories/workshops, convocation hall, medical facilities, hostels, sports and such other facilities.
- Presentation on the Program overview under accreditation by Head of Department (HoD).
- Parallel sessions by PEVs Team at respective department.
- Interaction with students.



- Interaction with Faculty, TAs/RAs, Lab Engineers, Technical/Lab supporting staff
- Interaction with heads of Examinations, QEC, Placement Bureau, and Safety Committee, Registrar, Treasurer etc.
- Meeting with the officials concerned to evaluate the effective functioning of Institution Level Quality Monitoring and Assurance

Meeting with stakeholders (Alumni and Employer/Industry etc.) of the program.



COD4 Mega Event FA18

Department of Electrical and Computer Engineering

29-31 October, 8-9 November 2018

COD4 MEGA-EVENT is a computer-based gaming event conducted by IEEE from 29 – 31 October and 8-9 November 2018. This event comprised of first person shooting game CALL OF

DUTY 4 MW based on popular series of CALL OF DUTY. COD4 is included in this event to test the mental and sensing skills of participants.

Student Participation in “Entrepreneurs Show 2018 Islamabad” Student Startup Business Center

10 October 2018

An Entrepreneur Show 2018 Islamabad was organized by SSBC Islamabad and Code Consultants. A team of students headed by Mr. Raja Muhammad Ali presented an

entrepreneurship idea in the show. The team was headed by Dr. Syed Afzal M. Shah, Incharge SSBC Abbottabad.

World Space Week 2018

9-10 October 2018



The Space Week was celebrated on October 9-10, 2018 and about 12 colleges and schools of Hazara division participated. Theme for the year's World Space Week is 'Space Unites the World'. Following competitions took place during World Space Week 2018: Bilingual Essay Writing Competition, Space Photography, Bilingual Declamation Competition, E-Poster Competition, Space Story Competition, Exploring the Earth with Google Earth, Painting and sketching Competition, World Space Quiz, Space Documentary, Satellite Model Making competition, and at the end a Closing Ceremony was arranged to award certificates and prizes among the participating students. There were more than 200 students from different colleges of Hazara region who participated in different activities. Students of three different societies were the main organizers of the event, which included COMSATS Literary Society (CLS), Aadrish, fine arts society, and IEEE an Engineering students' society. Mr Wazir Khan, Director SUPARCO was the guest of honor at the occasion, and Mr Bilal Aslam, Assistant Manager, SUPARCO was the main coordinator from



SUPARCO. The schools and colleges that participated include: Army Burn Hall Girls School, Government College of Technology, Abbottabad, Govt. Polytechnique College Mansehra, Pakistan International Public School & Girls College, Abbottabad, Tameer-i-Nau Public School & College, Mansehra, Beacon House School System, Abbottabad, The Creators College, Abbottabad, Government Post Graduate College No.1 Abbottabad, and a few others.

Prof. Dr Shahid Khattak announced the ceremony open at the opening ceremony on October 9, 2018. He encouraged the students to participate actively, and the interest developed at this stage went a long way in building and planning the careers of the students. Mr Wazir Khan, the senior representative from SUPARCO highlighted the successful launch of Pakistan's first remote sensing satellite, PRSS-1 and PAKTES-1A. He further demonstrated its potential for human development. The closing ceremony took place on October 10, 2018 at 4:00 pm, the guest of honor at the closing ceremony was Prof. Dr Mushtaq Khan Jadoon. The convener extra-curricular activities, Dr Amjad Hassan, AP

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Environmental Sciences department had a very active role in all the activities of Space Week 2018. He guided and encouraged the students during all the competitions.

During the World Space Week 2018, a panel discussion took place where Experienced and expert faculty and MS/PhD students from Geology Department, Environmental Sciences department, Computer Sciences department, and Electrical Engineering department had a fruitful discussion on possible future collaborations and research data exchanges with SUPARCO. Professor Dr Shahid Khattak was the focal person for this meeting and

senior representative from SUPARCO was also present.

Overall the event was a great success and students from different schools and colleges were enlightened. They found the environment on campus very friendly and were inspired by the faculty and students of the campus as well as the focal person from SUPARCO. Space Week left a lasting impression on the students and they looked upto SUPARCO visiting in the coming years so they can participate in this healthy activity in future too in the city of Abbottabad.

Orientation Fall 2018 3 September 2018



An orientation session was conducted to give briefing to the students of first semesters. More than 800 students attended the orientation session arranged for undergraduate programs. Col Anjum Hussain Shah, Additional Registrar (Administration) initiated the formal proceedings at 10:30 am and invited all the Heads of departments, and chairpersons on stage along with Director COMSATS University Abbottabad. One of the new student, Mr Usman Shah recited the few



verses of Holy Quran. Mr Umar Hassan, Assistant Professor conducted the presentation session. He guided the students and gave them tips on how to become a successful student and to get the maximum benefit of all the services and resources available to them on campus. Students were briefed about exam policy, differences in annual system vs semester system, student week, course drop and attendance requirements. Mr Umar Hassan concluded the presentation session with

questions and answer session. This was followed by a welcome note by Campus Director Prof. Dr Arshid Pervez. He congratulated the students on securing admission in one of the leading universities of the country. He encouraged the students to participate in extra- and co- curricular activities along with their studies. The students and

parents were all invited to a cup of tea in the student service center. The students gathered outside the hall to collect their course material and folders from departmental stalls. The students were then taken to their departments for departmental and campus visits. The orientation session was conducted successfully.

Summer Training Program for Teachers of Jinnah School and College, Mansehra

Department of Management Sciences

30 July to 1 August 2018



COMSATS University Islamabad, Abbottabad Campus recognizing its Social Responsibility has successfully completed a three days summer training program for teachers of Jinnah School and College, Mansehra during 30 July to 01 August 2018. A total of six sessions were conducted on the following topics:

- Discipline with Dignity and Effective Classroom Management by Sardar Jamil Anwar
- Teacher as a Change Factor by Syed Afzal Shah
- Teaching Methodology and Effective Revision Plan for Science Subjects by Dr Amjad Hassan



and Dr Assad Muhammad Khan

- Teaching Methodology and Effective Revision Plan by Dr Rabia Rustam and Mr Zeshan Ali Afsar

The participants also visited the science labs of different departments and other venues in the campus.

The Director/Principal of the college and the participants appreciated the services of the COMSATS University towards the uplift of the education sector for providing this facilitation. They also appreciated the quality of training and the knowledge and skills of the resource persons and promised to encourage their students to join

COMSATS for higher education.

The activity was possible because of the patronage of the worthy Director Prof. Dr Arshid Pervez,

Resource persons, Language lab staff, security staff and other related persons involved.

Present Around The World (PATW-II) Competition by IET Department of Electrical and Computer Engineering



Present Around the World (PATW) is a worldwide event hosted by IET UK, arranged by different IET On-Campus branches in different universities of the World, In this event presentations are given by participants on different topics of latest technology according to their field of study. This event consisted of different stages like university level, regional level, country Level, and continent level and at the end the finalists from universities across the globe.

In first phase, different IET On-Campus branches conducted the presentations in their campuses



successfully, and the winner of each branch is to compete PATW phase 2.

Phase 2, was held under supervision of IET Islamabad local network, hosted by IET On-Campus CUI Abbottabad. In this event, the participants from IST University Islamabad, NUST Islamabad, GIKI, CUI Wah and CUI Abbottabad (Winners from their campuses) competed and the finalists were announced qualified for third round.

Winner: CUI Abbottabad was awarded 150£ and Runner up was awarded 100£.

IEEE COMSATS Islamabad Student Chapter Visit Department of Electrical and Computer Engineering 1 October 2018

A delegation from IEEE COMSATS ISLAMABAD student branch visited COMSATS Abbottabad on 1 October 2018. The student branch visited several labs and facilities available at CIU Abbottabad. Students' semester projects

exhibition was also arranged on the same day for the delegation team, followed by meeting with faculty and the Head of Electrical Engineering department.

TechValley Abbottabad and SSBC Meeting Regarding Durshal Project Student Startup Business Center

A meeting was held with TechValley and SSBC on Friday 7 December 2018. The meeting was attended by M. Usman Awaysy, Manager External Relations, Mr Najam Us Sahar Durrani, Program Manager Durshal, Syed Khizar Ali Rizwi Project Coordinator, Dr. Syed Afzal M. Shah In-Charge SSBC and Mr Tariq Raheem Senior

Administrative Assistant. Team TechValley briefed about the functions of its department and about Durshal. Both parties agreed to cooperate fully in order to develop entrepreneurial culture in the region. Team TechValley encouraged CUI to submit startup ideas for incubation under Durshal.

National Business Education Accreditation Council (NBEAC), HEC Team Visit Department of Management Sciences 26-28 December 2018



Peer Review Team (PRT) of the National Business Education Accreditation Council (NBEAC), HEC, Islamabad visited CUI Abbottabad campus for three days for the reaccreditation of BBA program. The team held extensive meetings with the senior management, faculty, students of the department and administrative department heads of the university.

The Peer Review Team (PRT) members were:

1. Dr Nadeem Ahmed Khan, Director, Dept. of Business Administration, PIDE, Islamabad
2. Dr Imran Wazir, Associate Professor, IM



Sciences, Peshawar

3. Dr Zahid Riaz, Associate Professor, Lahore School of Economics
4. Dr Zulfiqar Ali Shah, HoD, International Islamic University, Islamabad
5. Ms Taranum Sarwar, National Bank of Pakistan

Mr Usman Jadoon, Assistant Manager Accreditation, NBEAC Representative

The visit was very fruitful and the team appreciated the efforts of the department and university.

Sweet Home Children of CUI Abbottabad

6 August 2018



COMSATS Sweet Home is an orphanage of about 100 children, that are being looked after by CUI Abbottabad campus. These children are now in their 5th or 6th classes. They are provided with Eid



gifts at the beginning of each Eid occasion to celebrate with their relatives. Keeping the same tradition the children were invited on campus and the gifts were distributed among them.

Discussion Forum on 'Community Policing (CP): Building Trust between the Police and Communities and the Use of Information Technology (IT)'

Department of Development Studies

7 November 2018

A Discussion Forum on 'Community Policing (CP): Building Trust between the Police and Communities and the Use of Information Technology (IT)' was arranged at Hill View Hotel, F-7 Markaz, Islamabad by Department of Development Studies on 7 November 2018. Dr Bahadar Nawab Khattak, HoD Department of Development Studies COMSATS University Islamabad–Abbottabad Campus and Dr Ingrid Nyborg from the Norwegian University of Life Sciences presented some of the research findings conducted in the EU-funding project: Community-Based Policing and Post-Conflict

Police Reform (ICT4COP). This research project has been looking at building trust between police and communities in 11 case countries, in South Asia (including Pakistan and Afghanistan), Latin America, Africa, and Eastern Europe. Both the successes and challenges of community-based policing in these difficult contexts were shared with the participants. Following the presentation by Dr Ingrid, discussion was held on how the police and civil society/community in Pakistan deal with issues such as Gender-based Violence (GBV) by promoting Community Policing. Dr Abda Khalid and Mr Shakir Ullah from DS

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Department and Dr Tahir Maqsood from CS Department, COMSATS Abbottabad also participated in the forum.

More than 30 participants contributed to the discussion with the representation from; Police Headquarters, Police Training School Islamabad, Women Police Station, Regular Police Station, IT department of ICTP and national/international civil society organizations. The following questions were discussed and addressed during the discussion:

- How police respond to GBV cases? What Standard Operating Procedures (SoPs) are in place? And what are the major challenges?
- How do civil society and the police work together through community policing to address the cases of GBV? How do they work for the protection of victims? What are the challenges in their collaboration?
- Any efforts in police reforms to address these issues?
- At what level Community Policing (CP) is taught to the police, what is the CP course content and how is it implemented?
- In what ways might Information Technologies (IT)/mobile application contribute to better response and prevention of GBV by the police and/or civil society/community?

Corporate Trainings by Mr Javed Akhtar Student Startup Business Center 21 and 23 December 2018



Mr. Javed Akhtar, CEO, Academy for Management Excellence and a national level corporate trainer who is a Cambridge Certified Training Consultant & Performance Coach, former Head of Training and Development – GlaxoSmithKline and Founder & Master Trainer - Academy for Management Excellence visited CUI Abbottabad for different training sessions. on 21 &



23 December 2018.

Previously, Mr Javed Akhtar provided free training on Personal Branding to the students of CUI Abbottabad Campus in the language lab. Students of BBA 1, BBA 3, BEC 7, and BCV 3 along with their respective Professors attended.

On 23 December 2018 Mr Javed Akhtar provided a paid Training on 23 December 2018 to section

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heads of different schools of Abbottabad and Mansehra region, these included Royal Edward Montessori School Abbottabad, Jinnah Colleges Mansehra, Progressive Center for Professional Development, The Muslim Education System, Abbottabad, Amna Montessori School, Modernage Public School and College, Abbottabad, Jinnah Public School & College,

Havelian, and The Hallmark School & College. The Corporate Training was on Performance Development Coaching. The sessions were organized by Dr. Syed Afzal Moshadi Shah, In-charge SSBC along with SSBC student organizers under the supervision of Mr Tariq Raheem at COMSATS University Islamabad – Abbottabad Campus.

Brain Battle **Department of Electrical and Computer Engineering** **29 October 2018**

Brain Battle was organized on 29 October 2018 by IEEE Woman in Engineering (WIE). The purpose was to check the IQ, Spelling Bee and quick thinking of the students. Through this event, students were provided with a platform to cope

with their stage fear and to test that “How good they are in Spellings”. As name of the event represents that it was basically a “Battle of thoughts in one's mind”

Management Committee Meeting and Student Presentation **Student Startup Business Center** **7 July 2018**



A meeting of Management Committee of SSBC Abbottabad was conducted on 7 July 2018 which was followed by student presentation. The meeting was attended by Mr. Muhammad Raza Khan Executive Director SSBC, Mr. Wajahat Saleem Khan CEO Cube Healthcare systems, Mr



Syed Shafqat H. Shah CEO Kazmi Furniture and Marbles, Mr. Shoaib Khan Jadoon CEO Property Developer and Hotel Owner, Dr. Syed Afzal M. Shah In-charge SSBC and Ms. Zainab Bilal SSBC Islamabad. The meeting was followed by 12 presentations of the students.

Rector CUI Visited the Archventure-02 Summer Camp

9 August 2018



Rector CUI paid a visit to the participants of the Summer Camp participants. The Summer camp was organized by CUI Islamabad's Department of Architecture and was hosted at CUI Abbottabad. There were various international and national participants and tutors who attended the camp from 3 August 2018 till 13 August 2018. The



students, tutors, and guests stayed at CUI Atd throughout the duration of the summer camp. During Rector's visit, he encouraged and applauded the efforts of the organizers and also motivated the participants. He invited the team of foreigners and organizers for an evening at Monal Islamabad at the conclusion of the camp.

8th Ummrah Fund Draws Ceremony

17 August 2018



8th UMRAH Funds Draws Ceremony was held on 17 August 2018 at CUI Abbottabad Campus. Dr Arshid Pervez, Director CUI, Abbottabad campus graced the ceremony as Chief Guest. A large



number of faculty members and administrative staff attended the event at CUI Abbottabad. Event began with the recitation of verses from the Holy Quran followed by Naat and welcome address by

Syed Fida Hussain Shah, Convenor CUI Hajj/Ummrah Fund. He briefed the audience about the theme of CUI Hajj/Ummrah Fund and that the lists of 429 employees (246 OG and 183 staff) of CUI Abbottabad were presented for draws while the active membership as of 17 August for the CUI Hajj/Ummrah Fund was 577. 173 employees of CUI Abbottabad have already performed Ummrah who were selected/sponsored through this fund till date. 686 employees and their family members proceeded on Ummrah through this platform in last Seven years.

Director applauded the efforts of Hajj/Ummrah Committee members for working devotedly for the noble cause and expressed hope that it would always be remembered by the members and their families who are availing ummra opportunity through this platform. Dr Iftikhar Ahmed (CS) enlightened the participants about the electronic draws procedure.

Following 36 employees of CUI Abbottabad have been selected through computerized draws to perform Ummrah for the year 2018-19 through CUI Hajj/Ummrah Fund.

Officers list of winners

1. 8(1132)11--Dr Amara Mumtaz--Associate Professor-Chemistry
2. 8(1358)12--Dr Bilal Ahmad Zafar Amin--Assistant Professor-Environmental Sciences
3. 8(1242)11--Dr Irum Shahzadi--Assistant Professor-Environmental Sciences
4. 8(09)01--Dr Mansoor Shahab--Assistant Professor-Management Science
5. 8(867)08--Dr Shakir Hafeez--Assistant Professor-Management Science
6. 8(314)05--Dr Syed Zulfiqar Ali--Assistant Professor/Provost-Mathematics
7. 8(800)08--Dr Taous Khan--Professor/In-Charge COMSLABS-Pharmaceutical Sciences
8. 8(806)08--Dr Uzair Khan--Assistant Professor-Electrical Engineering
9. 8(1489)13--Mr Adeel Pervaiz--Lab Engineer -Engineering Resource Centre
10. 8(969)09--Mr Liaqat Ali--Assistant System Administrator -CITC
11. 8(1861)18--Mr Munawar Javed--Coordination Officer-Purchase Office
12. 8(1144)11--Mr Nisar Ahmed--Purchase Officer-Purchase Office
13. 8(268)05--Mr Omar Hassan--Assistant Professor-Management Science
14. 8(21)02--Mr Saadat Iqbal--Senior Manager IT/Additional Registrar-CITC
15. 8(266)05--Mr Saghir Ahmad--Assistant Professor -Electrical Engineering
16. 8(833)08--Mr Salman Muhammad Naeem--Coordination Officer-CCDU
17. 8(1334)12--Mr Shazil Turab--Lecturer-Management Sciences
18. 8(338)05--Ms Saadia Munir--Assistant Registrar (General)

Staff List of Winners

1. 5(46)01--Ibrar Ahmad--Driver-Administration
2. 5(252)05--Mr Abdul Waheed--Naib Qasid-Chemistry
3. 5(302)07--Mr Atif Manzoor Shah--Assistant (IT)-CITC
4. 5(478)11--Mr Ayaz Ahmed--LDC-Administration
5. 5(466)11--Mr Jawad Khan--LDC-Academics

6. 5(458)11--Mr Muhammad Iqbal--Naib Qasid-Administration
7. 5(445)09--Mr Muhammad Yasir--LDC-CITC
8. 5(381)08--Mr Nasir Khan--Driver-Coordination
9. 5(103)03--Mr Sadaqat-- Assistant-Environmental Science
10. 5(148)04--Mr Sardar Afra Mehtab--Senior Administrative Assistant-Examination
11. 5(467)11--Mr Touseef Ahmad --LDC-Coordination
12. 5(214)05--Mr Waqar Ahmad Khan--Assistant-Purchase Office
13. 5(603)17--Mr Zeeshan Rafiq--Naib Qasid-Administration
14. 5(538)13--Ms Saima Sadiq--Assistant-Establishment Section
Staff Grade Superannuation
1. 5(518)13 Muhammad Dawood, Mason Administration
2. 5(450)09 Muhammad Hanif, Security Guard Administration
3. 5(242)05 Muhammad Tariq, Sanitary Worker Administration
4. 5(524)13 Sardar Zahoor ur Rehman, Senior Assistant Administration

Awareness Seminar on Intellectual Property Rights Department of Humanities 25 September 2018



An awareness seminar on Intellectual Property Rights (IPO) was conducted on Tuesday, 25 September, 2018 by Oxford University Press (OUP) for Faculty and students of COMSATS University Islamabad, Abbottabad Campus. The Focal person Mr Malik Fayyaz from OUP (Islamabad) provided a thorough insight regarding the definition and scope of intellectual property rights in modern world. He also enlightened the



audience about the various aspects of Intellectual Property Rights which are yet to be introduced in Pakistan and its impact on the publications and booksellers. The faculty and students took keen interest in the topic as evidenced by their insightful queries in the Q & A session. The session was also graced by the presence of Assistant Director FIA, who pored over the need of awareness regarding Intellectual Property Rights and the laws which

govern the intellectual and academic theft at every level. Prof. Dr Muhammad Mushtaq Khan Chairman / Head Department of Humanities also shed light on the topic with illustrations from the academia which further clarified and highlighted the importance of relevant technicalities He also appreciated the initiative of OUP and its team who conducted this useful session for the faculty and students. Prof. Dr Muhammad Mushtaq Khan urged that more such sessions be conducted in

future exclusively for faculty to make them aware about their academic duties and liabilities regarding the field of research. The event was an overall success as the audience was also apprised with the issue of plagiarism in higher education. OUP had also arranged a Book fair with discounted books which was attended by faculty and students. The session ended with a vote of thanks to the participants.

Meeting with Scientists Organized by DoST KPK for Various Colleges of Hazara Division

10 December 2018



Directorate of Science and Technology (DoST), Government of Khyber Pakhtunkhwa under its developmental scheme titled "Promotion & Support of Scientific Innovation/Product Development by Youth of Schools/ Colleges/ Universities (SIPDY)" arranged a session with science students of Hazra region with scientists. Nominees picked from CUI Abbottabad were Dr Imdad Khan, HoD Electrical and Computer Engineering and Dr Ahson Jabbar Sheikh, Assistant Professor from Department of Chemistry. The session took place on 10



December 2018 at COMSATS Abbottabad auditorium from 10:00 am to 01:00 pm. About 150 students along with teachers from various schools of Abbottabad district were invited to participate. The purpose of the meeting/session was to motivate/ mobilize students at grass root level and to promote Science and Technology culture in the youth.

The sessions were very interesting for the students, and they were keenly listening to the speakers. The sessions concluded with question and answer exchange.

The Key to a Greener Planet is in Your Hands: A Plantation Drive by Environmental Protection Society

Department of Environmental Sciences

30 October 2018



The Environmental Protection Society initiated the plantation on 30 October 2018 during student week Fall 2018. Dr Shamyla Nawazish Assistant Professor, Environmental Sciences and members of society planted fifty five trees along the boundary of cricket ground, volley ball and



basketball grounds. Special appreciation goes to Dr Bilal Zaffar Amin, Dr Muhammad Shahzad, Dr Akhter Iqbal, Dr Saima Zeb, Miss Habiba Zaffar, Miss Ghazal Khurshid, and all the members of the society to spare the time for this noble cause and doing an excellent job indeed for the environment.

Creating Dignified Work Environment: A Talk Ms Maliha Hussain, Executive Director at Mehergarh

9 July 2018



On the directions of the worthy director Prof. Dr. Arshid Pervez, an awareness session related to the 'the protection against harassment of women at the



workplace act 2010' was organized by standing inquiry committee dealing with harassment and abuse of power on 9 July 2018 in campus

auditorium. Ms. Maliha Hussain, Executive Director at 'Mehergarh: A center for Learning' gave the talk about creating a dignified work environment in institutions. Ms. Maliha's comprehensive talk covered all the aspects of harassment faced by both genders and reflected on responsible institutional role and responsibilities for creating a secure environment where employees could perform their work with respect and dignity. She also discussed the law and how it protects all genders especially women. Faculty and staff attended the talk and a very interactive

question and answer session continued after the talk. She also held discussion session with the CUI, Abbottabad campus harassment committee members and appreciated the efforts of the University for Implementation of the law. She announced free training related to implementation of work place harassment act to five faculty members. Three members were selected from institute and successfully completed the certified training. The training has increased institutional capacity building.

Students Participated & Won 4th Position in LIFT Pakistan: An Entrepreneurial Event

Student Start-up Business Center

14 November 2018



It is a matter of great pleasure to share that the students of COMSATS Abbottabad won 4th position in all Pakistan Entrepreneur Competition during LIFT Pakistan. Congratulations to the teachers/mentors of Mr Muhammad Huzaifa and his team got 4th Position out of 500 startup ideas in LIFT Pakistan Week in Jinnah Convention Center, Islamabad.

The Startup earned the interest of investors from



USA, UK & Saudi Arabia who offered them investment proposal during the live session. The Idea was about a game titled "Mind Manager" with the unique value proposition of Detecting Intelligence Quotient & memorizing ability of a person in real time with the statistical & variable tools of Artificial Intelligence & Machine Learning which can be installed at hospitals, Class Room, Interviewing sessions etc.

NEWS & EVENTS

JULY - DECEMBER 2018

The core team in the Project included Mr Muhammad Huzaifa “Creator of this idea” who is from the department of Biotechnology. He is also the founder & CEO of emerging MITZ IT Company. While the second team member who developed this game is Mr Khizar Hayat Tanoli from Computer Science department, along with

Mr Sami ur Rehman, UI/UX Designer, the technical Advisers include Mr Wasim Sajjad & Sheraz Ahamad.

Heartiest congratulations to the teachers and mentors who bring out such contributions from the students.

Inauguration of the GIS and Tectonics Lab Department of Earth Sciences 19 October 2018



The Chairman Department of Earth Sciences, Dr Ishtiaq Ahmed Khan Jadoon inaugurated the GIS and Tectonic Lab in the department of Earth Sciences on 19 October 2018. Both labs were funded by a joint project between University of Chinese Academy of Sciences and COMSATS University Islamabad, Abbottabad Campus. Dr



Ishtiaq Ahmed Khan Jadoon was the Co-PI of this joint venture. These Labs will serve as the backbone for GIS based Geological and Tectonic research in Pakistan. Both BS and MS students will benefit from these state-of-the-art labs in future and produce quality research in Pakistan.

Graphic Designing Workshop Department of Electrical and Computer Engineering 30 October 2018

The Graphic Designing workshop event was organized by IEEE on 30 October 2018 in COMSATS Abbottabad for those who are

interested in graphic designing. They were shown how to start and design logos etc.

Neoteric Engineers **Department of Electrical and Computer Engineering** **9 November 2018**

IET ON-Campus CUI Abbottabad Network organized "Neoteric Engineers" for the students of CUI Abbottabad on 9 November 2018. Each team was directed to develop a Motor Powered Car with the raw material provided to them in a time frame

of 75 minutes. A panel comprised of three judges that declared the positions as per the performance of each team. The winning teams were awarded with certificates and cash prize.

Training on Digital Marketing by KP IT Board **Student Startup Business Center** **3 August 2018**



A training session on "Digital Marketing" was conducted by KPITB on 3-12 August 2018 and was facilitated by SSBC. Ms. Annie Gul from KP



IT Park was the trainer. The participants were the students of COMSATS and local community.

Medicinal Plants Collection Tour **Department of Pharmacy** **27 October 2018**

The study and collection of locally available medicinal plants is an integral part of "Doctor of Pharmacy" syllabus. Several medicinal plants which are widely distributed in Hazara Division were studied in theory and Lab courses of Pharmacognosy. In this regard, to practically study the medicinal flora of Galiyat region, KPK, a

medicinal plants collection tour was arranged on 27 October 2018. During this study tour different important medicinal plants were collected by the students of Pharm-D (PHM-3A), Department of Pharmacy, CUI Abbottabad Campus under the supervision of class teacher Dr Zia Uddin, assisted by Hafiz Majid Rasheed, Research Assistant at

Department of Pharmacy. Moreover, the students were properly guided and advised by Prof. Dr Taous Khan, Chairman Department of Pharmacy, and Prof. Dr Abdul Jabbar Shah, Head of Department of Pharmacy, during the study tour. The collected plants were shade dried and

preserved on the herbarium sheets accordingly. Furthermore, the preserved plants were identified by plant taxonomist, Dr Abdul Nazir, Assistant Professor, Department of Biotechnology. Finally, the herbarium sheets were deposited in the Department.

Sweet Home Children with IEEE CUI Abbottabad Chapter **Department of Electrical and Computer Engineering** **21 July 2018**

A collaborative session between of IEEE CS CUI Abbottabad and SAUH Foundation with COMSATS Sweet Home children. The children interacted with organizers from IEEE and learned lessons on volunteerism. Followed by a presentation on modern day computers and speaker sessions arranged on different topics by

IEEE students. There was a cricket match as well to provide insight to children on importance of extra-curricular activities. Main purpose of the activity was to build knowledge base of the children and also develop awareness about volunteerism.

Senator Engr. Rukhsana Zuberi Conducted an Awareness Session on MOS Certifications by TEC **14 November 2018**



Higher Education Commission in collaboration with Microsoft has been providing university students, staff and faculty with an opportunity to acquire MOS certification and become a Microsoft



Office Specialist, absolutely free. HEC and Microsoft in association with TEC are conducted awareness session/seminar in different universities in order to provide this wonderful

opportunity to the maximum number of people. Therefore, on the request of TEC (partner of Microsoft), Senator Engr. Rukhsana Zuberi conducted an awareness session on Wednesday, 14th November at 1:15 pm at Main Auditorium, regarding the importance and benefits of MOS Certifications to guide the students, staff and the faculty members on how this amazing offer can be availed. A large number of students and faculty attended the session. Senator Rukhsana Zuberi

showed images and videos of various Pakistanis excelling in the field and getting benefits across the country. She advised the students to participate and gain maximum benefits from the opportunity available to all.

The session concluded with a vote of thanks by the Director CUI Abbottabad. Manager ISP, Mr Muhammad Shaukat conducted the activity. He is the focal person at CUI Abbottabad, who is looking after the Microsoft certifications.

Entrepreneur Awareness Session- Momentum Pakistan Student Start-Up Business Center

5 December 2018



An entrepreneur awareness session by Momentum Pakistan and SSBC was conducted at COMSATS University Islamabad – Abbottabad Campus on 5 December 2018 at Main Auditorium. Momentum Pakistan is one of the best TECH STARTUP events in Pakistan which connects startups with investors like IBM, Facebook, Google, Amazon etc. Around 150 students of final semesters of BCS, BTN, BSE, EPE and BEE attended the session. The session was conducted by Junaid Iqbal (Co-Founder T99, M. Faizan Shoaib (Startup Manager, Momentum), Ms Annie Gul (Codematics) and Mr Syed Afzal



Moshadi Shah (In-charge SSBC). The students showed a high level of interest in the event and were very happy to learn about such opportunities being offered by the university.

At this occasion, Momentum Pakistan offered two confirmed startups ideas participation to SSBC Abbottabad for their upcoming event. These participants were offered free participation, lunches and accommodation. The participants could also book a stall for Rs. 5000/- which was refundable at the time of departure.

Freelancing Workshop **Department of Electrical and Computer Engineering** **9 October 2018**

This event was organized by IEEE COMSATS ATD Student branch openly for all beginners to deliver in-depth knowledge about Fiver that is an online marketplace for freelance services such as

creating and maintaining profile, tackling different situations and project dealings were discussed specifically on 9 October 2018.

Corporate Linkages - Student Study Visit to National Bank of Pakistan **Student Startup Business Center** **23 November 2018**



In connection to the ongoing visits of business students to market, a visit of BBA3 was organized to National Bank of Pakistan, Regional Office, Abbottabad on 23 November 2018. A total of 23 students visited the bank under the supervision of Dr Syed Afzal Moshadi Shah, In-charge SSBC and



Miss Sania Khalid, Lecturer Management Sciences department. The students were briefed about the functions of National Bank, its history, its current portfolio, SME loans and commercial banking.

Annual Management Lunch 2018 **Department of Management Sciences** **15 December 2018**

Annual Management Lunch 2018 was held on 15 December 2018. This annual event provided the faculty, students and alumni to meet and greet and to share the department academic and extracurricular activities during the year. Alumni

from different past sessions were invited and they shared their success stories with the students and the prospective future job opportunities in their organizations.

E-Gaming Event **Department of Electrical and Computer Engineering** **29-31 October, 8-9 November 2018**

This event was computer-based gaming event from 29-31 October 8-9 November 2018. VR Gaming was also a part of this event. The games played on computer / Xbox were Tekken, Need for

Speed and FIFA. This provided a platform for competing with other players of such games and to bring out the talent of players and participants.

Session on Career Counseling & Internships offered by Hotel One **Student Startup Business Center** **7 November 2018**



A training session on Career Counseling followed by internship was offered by Hotel One Abbottabad. The session was held in language lab on 7 November 2018. A total of 37 students of BBA 7 & 8 attended the session. Mr Usman Bangash Manager HR Hotel One and Dr Syed Afzal Moshadi Shah In-charge SSBC conducted the sessions. Mr Usman briefed the students on



effective job searching techniques, writing attractive resumes, preparing for job interviews and service marketing. Dr Afzal Shah highlighted the importance of entrepreneurship and opportunities in local IT industry. The students showed keen interest in the event and were excited to apply for internships in Hotel One.

Cyber Bullying **Department of Electrical and Computer Engineering** **10 October 2018**

As the influence and engagement of social media grows in Pakistan, there is a need to educate users. An awareness seminar is organized about Cyberbullying Awareness and safe use of Internet for the females on 10th October, 2018. Statistics

were discussed with them, meanwhile, they were informed how to handle such a situation. Furthermore, Cyber Crime laws in Pakistan were also discussed and links were provided for complaint purposes.

Career Counseling Session with Afghan Students Department of Management Sciences

11 July 2018

Department of Management Sciences arranged an interactive session for the Afghan students on career counseling and degree programs offered by the CUI. These Afghan students have already completed a zero semester at Abbottabad campus and were prepared by the Abbottabad campus's

faculty for the entry test exams of top-ranked universities across Pakistan. The feedback of the students was overwhelming and they were highly satisfied with the efforts of our faculty in preparing them for the entry exams.

Independence Day Celebrations 14 August 2018



August 14, 2018 was celebrated with usual flare at CUI Abbottabad campus. The flag hoisting ceremony took place and the campus security



guards presented a short ceremony for flag hoisting. Families of faculty and staff were invited to attend at the occasion.

Seminar on Renewable Energy Department of Electrical and Computer Engineering

4 September 2018

A seminar was arranged on renewable energy on 4 September, 2018 and new trends of renewable energy. Alumni of COMSATS Abbottabad, Engr. Nazeer Ahmad was invited as the speaker, who is currently working as Solar Application Engineer in Kohinoor Textile Mills. The talk gave the

students insights about technical and practical aspects of energy use (technology and methodology of the study) and energy efficiency for creating a clean energy future for not only the nation, but the world.

Results of Student Start-ups Student Startup Business Center July 2018

We are pleased to share with you the results of Student Startup Business Center (SSBC) Batch-I - Spring 2018. A total of 58 business ideas / final year projects (FYP) were received within stipulated time by SSBC CUI Abbottabad. The

ideas were subsequently evaluated by seven experts from different departments. The shortlisted ideas for presentation and possible induction in incubation center are enlisted below:

Group Leader	Team Members	Domain / Startup Name
Syed Abuzar Hussain Shah	Syed Abuzar Hussain Shah SP15-BEE-096	Self attacking robot
	Uzair Ahmed SP15-BEE-106	
	Syed Hasnain Shah SP15-BEE-100	
Muhammad Hamza Fayyaz	Muhammad Hamza Fayyaz SP15-BEE-111	Software defined network (SDN) solution for wireless sensor networks (WSN's) using cloud computing
	Sami Raza SP15-BEE-090	
	Sohaib Abbas Bukhari SP15-BEE-094	
Umair Ihsan	Umair Ihsan FA14-BSE-012	Online Auction System
	Sohail Riaz FA14-BSE-005	
	Syed Arif Hussain FA14-BSE-021	
Ahsan Khan	Ahsan Khan FA14-BCS-038	Communication system for patients
	Syed Assam Haider FA14-BCS-049	
	Ahsan Khan Jadoon FA14-BCS-043	
Syed Azaz Ul Hassan	Syed Azaz Ul Hassan FA14-BSE-082	Erebbbit - An education related portal
	Faraz Naeem FA16-BSE-114	
Shahzeb Sajjad	FA14-BSE-189	Online Hostel
Muhammad Qasim	Muhammad Qasim FA14-BSE-068	A unified product information via e-store system
	S.M. Dawood Shah FA14-BSE-235	
	Nauman Zafar FA14-BSE-027	
Hassaan Ahmed	Ali Usman FA15-EPE-007	Gas Heater
	Saad Hunain FA15-BEE-038	
	Ihsan Ullah FA15-BEE-030	
	Hassaan Ahmed FA15-BEE-103	

Umer Abbasi	SP16-BBA-004	Academic Software
Muhammad Umar	Muhammad Umar FA15-EPE-082	Password based circuit breaker
Shah Hussain	Shah Hussain FA14-BSE-109	Educating Pre-School child
	Aizaz FA14-BSE-082	
	Izhar Ahmed FA14-BSE-134	
Muhammad Ibrahim	N/A	Online police management system

The Student Startup Business Center (SSBC) appreciates the efforts of judges, students that participated in the competition, and teachers who have mentored them. We expect the same kind of

support, encouragement and motivation from everyone in order to develop an entrepreneurial culture at the campus.

Case Studies Development by Center for Islamic Finance Department of Management Sciences 16-18 August 2018

Case Development Team of Center for Islamic Finance (CIF) including Dr Abdus Sattar Abbasi Head CIF, Dr Majid Jamal Assistant Professor in CUI Wah Campus and Mr Jamil Anwar Assistant Professor CUI Abbottabad Campus worked for continuous three days from August 16-18, 2018 at CUI Lahore Campus to develop first draft of following case studies:

1. How customer engagement can play critical role in the success of an Islamic bank: Case of

Ijarah Product

2. Change Management: A journey of thousand miles for an Islamic Bank
3. How operational and default risk can be minimized through Customer Centric Product: Case of modified Murabaha
4. Implications of lying and deception for an Islamic Bank: Case of Car Ijarah

After completion first three case studies have been sent to BoK for feedback.

Battle of Thetas FA18 Department of Electrical and Computer Engineering 31 October 2018

Brain battling event in which participants must go through different task was held on 31 October 2018. The event has three modules, the first one is the IQ level questions in which participants have to check their IQ ability, the second one is spelling

bee in which the participants have to write down the word's spelling which are announced orally. And in conclusion is the verbal task, where participants' picking power, their confidence and sense of humor is judged.

RESEARCH NEWS

Visit of Chairman Mathematics and Advisory Committee Members

Department of Mathematics
October 2018

The Chairman Prof. Dr Moiz ud Din Khan, and Advisory Committee Prof. Dr Aftab Khan, Prof. Dr Akbar e Azam, and Prof. Dr Shams ul Qamar visited Department of Mathematics, COMSATS University Islamabad, Abbottabad Campus in October 2018 to provide guidelines regarding teaching, research and quality of overall academic

culture. Our faculty felt highly satisfied by their visit. TTS faculty also showed their gratitude to them on their keen interest in their career growth. Overall their visit gave confidence to our faculty and it was fruitful towards the ongoing research activities and future research directions. The team enjoyed their time in Abbottabad.

Syed Mobasher Ali Abid Defended his PhD Thesis Under the Supervision of Prof. Dr Jamshed Iqbal (T.I.)



Centre for Advanced Drug Research is proud to announce that Syed Mobasher Ali Abid successfully defended his PhD research work under the supervision of Prof. Dr Jamshed Iqbal (T.I.) on 27 July 2018. The title of his thesis was "Synthesis, Identification, Biological Investigation and Molecular Docking Studies of Aromatic/Heterocyclic Derivatives as



Monoamine Oxidase Inhibitors". He was able to publish six papers from his PhD work in high impact international journals. His presentation was highly appreciated by the examiners. The presentation was concluded by a very interactive question and answer session which all the audience highly appreciated.

Visit to University of Bonn, DAAD Headquarters and University of Applied Sciences, Bonn, Germany

**Center for Advanced Drug Research
21 September – 2 October 2018**



Worthy Director COMSATS Abbottabad Campus, Professor Dr Arshid Pervez and Head Centre for Advanced Drug Research, Prof. Dr Jamshed Iqbal (T.I.) visited DAAD headquarter, Bonn, University of Bonn and University of Applied Sciences, Bonn, Germany from 21 September to 2



October 2018. During the successful visit memorandum of understandings (MOU) were signed between different German Universities and CUI. Moreover, the strategy for new collaborative projects have been set and discussion about on-going projects was included in the visit.

Dr Ahson J. Shaikh Attended University of Cologne, Germany as Visiting Faculty Department of Chemistry August-October 2018

Dr Ahson J. Shaikh, Assistant Professor, Department of Chemistry, CUI-Abbottabad Campus was invited for a research stay as a University Academic / Scientist at Department of Inorganic & Material Chemistry, University of Cologne, Cologne, Germany for period of three months during August-October 2018, funded by DAAD. He worked on Thin Film Perovskite Solar Cells in collaboration with Prof. Dr Sanjay

Mathur, Director of the Institute of Inorganic Chemistry at the University of Cologne.

Dr Ahson J. Shaikh also attended 2nd International Rhine Round Table Inaugural symposium of the Rhine Chapter Cologne on 24 September 2018 at University of Cologne, Cologne, Germany, during this visit. The topic of the symposium was "Emerging Frontiers in Ceramic Materials and Glass".

Dr Qaisar Mahmood (T.I.) Attends an Exchange Program Meeting in Sultan Qaboos University Muscat – Oman Department of Environmental Sciences 2-5 December 2018

In order to create an atmosphere of cooperation and interaction among experts and scientists from Islamic world, Mustafa^(pbuh) Science and Technology Foundation (MSTF) conducts various activities one of which is Science and Technology Exchange Program (STEP). The first and third STEP were held in Tehran, simultaneous with Mustafa^(pbuh) Prize Award Ceremony in 2015 and 2017, in cooperation with Islamic World Academy of Sciences, and various universities and scientific centers. The second STEP was held in Putrajaya, in collaboration with Universiti Putra Malaysia, Young Scientists Network, and the Academy of Sciences Malaysia. The fourth STEP is going to be held in Muscat.

Mustafa^(pbuh) Science and Technology Foundation (MSTF) organized the fourth meeting of this series on Health, Water, and Energy, participated by Mustafa^(pbuh) Prize Laureates, along with prominent scholars of the Islamic world. This meeting was held for 4 days (2-5 December, 2018) in different sections in Muscat, in collaboration with Sultan Qaboos University (SQU). As an eminent scientist, Dr Qaisar Mahmood (TI) was kindly invited to this event and participated in it. Dr Qaisar Mahmood presented an invited talk on low cost wastewater treatment technologies suitable for developing Islamic countries. Delegates from 40 Islamic countries participated in this important STEP meeting.

Based on extensive discussions during STEP4

sessions and presentations by delegates on the state of R&D in their respective institutions, the following observations and recommendations were made to further enhance S&T collaboration between Islamic countries and beyond:

1. To establish an on-line hub (in progress) as an enabling platform for S&T collaborations, networking, data sharing and dissemination of information.
2. To create an endowment whose purpose is to fund activities that go above and beyond the present level of competence such as supporting exceptional early career scholars, productive researchers, and new initiatives. It is envisioned that this fund will seed high risk and high impact projects.
3. To promote sharing of research and R&D infrastructures.
4. To support scholarship programs jointly funded by other institutions and MSTF.
5. To promote public awareness and knowledge promotion in Islamic countries.
6. To establish an International Advisory Board for MSTF.
7. To promote gender balance and young scientist representation at meetings.
8. To support mentorship programs by leading scientists for young scientists.
9. To facilitate the translation of science and technology for the benefit of society.

Project Accepted Worth Rs. 3 Million **Department of Mathematics**

Heartiest felicitations to Dr Madad Khan and Dr Saima Anis from Department of Mathematics for the acceptance of their Project by Higher

Education Commission Titled 'Generalized Fuzzy Soft Sets with Applications in Decision Making Problems' for amount of Rs. 3 Million.

Post Doctorate Completion of Dr Zakir Hussain **Department of Mathematics**

Dr Zakir Hussain from Department of Mathematics has completed one year Post

Doctorate (December 2017- December 2018) from Shenzhen University, China.

Prof. Dr M. Maroof Shah awarded with Pakistan Academy of Sciences (PAS) Gold Medal **Department of Biotechnology** **20 November 2018**



It is a matter of great honor for CUI in general and for the Department of Biotechnology, in particular that Prof. Dr Mohammad Maroof Shah has been awarded with Pakistan Academy of Sciences (PAS) Gold Medal 2018 in the field of Emerging Technologies including Biotechnology, Nanotechnology, Molecular Biology and Bio-Informatics by Pakistan Academy of Sciences (PAS) for the year 2018. The award was given during an award ceremony and the PAS General Body meeting held on November 20, 2018 at the PAS Secretariat, Constitution Avenue, Islamabad.

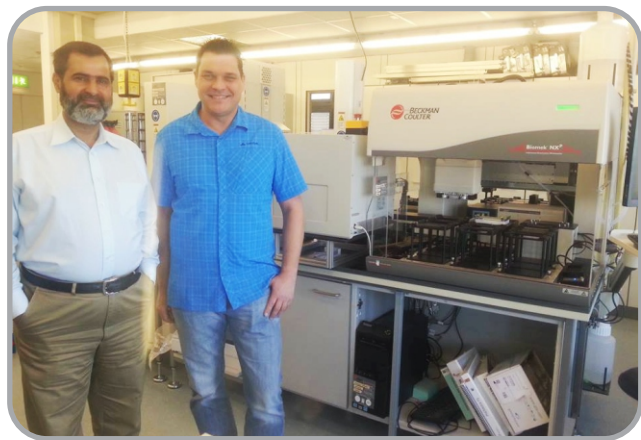


We congratulate Prof. Dr Mohammad Maroof Shah on this notable achievement and wish him great success in future. It is our pride to mention that Dr Maroof Shah is 4th in the series of PAS Gold Medal laureates from COMSATS University, Abbottabad campus and 1st in the Emerging Technologies. Prior to that, Dr Muhammad Ummar (Chemistry), Dr Qaisar Mehmood (Environmental Sciences), and Dr Jamshed Iqbal (Pharmacy) have won this Medal in their respective fields of specialization.

Visit of CADR members to University of Bonn, Germany in DAAD Funded Project

It was a matter of great honor that two MS research scholars (Mr Mohammad Uzair and Ms Ayesha Basharat) from COMSATS, Abbottabad working under the supervision of Prof. Dr Jamshed Iqbal (T.I.) have been invited by the University of Bonn, Germany under DAAD frame project “Cooperation between Germany and Pakistani Universities” for a research stay of five months and

one month, respectively. The students have experienced working in world class established laboratories which resulted in productive outcome for their MS research work. Moreover, Prof. Dr Jamshed Iqbal (T.I.) visited Germany for the discussion of on-going projects with German Universities.



Prestigious Fellow of the Royal Society of Chemistry (FRSC) Award Department of Pharmacy 1 November 2018

Professor Dr Jamshed Iqbal (Tamgha-i-Imtiaz), Head, Centre for Advanced Drug Research (CADR) Department of Pharmacy, COMSATS University Islamabad, Abbottabad Campus, has been awarded the prestigious Fellow of the Royal Society of Chemistry (FRSC) for the recognition of his contribution to the field of Chemistry. Prof. Iqbal joined Department of Pharmacy as Associate Professor in 2007 and pursued his research interests at the interface of Chemistry and

Biochemistry. Prof. Iqbal gets reputation for his seminal work in the area of Medicinal Chemistry, Enzyme kinetics, Natural products chemistry, Drug discovery and metabolism, Molecular modeling, Molecular toxicology. Prof. Iqbal has developed Research Collaboration with International/National Universities to strengthen his ongoing research.

Prof. Jamshed Iqbal obtained a Ph.D. degree in Pharmaceutical Chemistry at the University of

Bonn, Germany in 2005. Dr Iqbal then continued as a postdoc in Pharmaceutical Chemistry Department at the University of Bonn, Germany till 2008. From 2009 to 2010, he did postdoc at Dalian Institute of Chemical Physics, Chinese Academy of Sciences, China. Since 2010, he has been working as faculty COMSATS University Islamabad, Abbottabad Campus. In addition to the RSC, Prof. Iqbal is also the Member of Royal Pharmaceutical Society of Great Britain (RPSGB) and Member of German Pharmaceutical Society (DPhG). Recently, He was awarded Tamgha-i-Imtiaz from Government of Pakistan in 2012 and Gold Medal from Pakistan Academy of Sciences, a high-status scientific body at national level, in 2017.

Prof Iqbal until now has published more than 190

research articles with an Impact Factor of above 550 and published in peer review journals at national and international level with his 15 Ph.D. scholars. Prof. Iqbal passion and services in teaching, research and training of student at Mphil/PhD level is admirable.

Notably, The Royal Society of Chemistry is the world's leading chemistry community for advancing excellence in the chemical sciences. With more than 54,000 members and a knowledge business that spans the globe, the group is the UK's professional body for chemical scientists -- a not-for-profit organization with 175 years of history and an international vision of the future that promotes, supports and celebrates chemistry while working to shape the future of the chemical sciences to benefit both science and humanity.

Workshops on HTS & NGS and Analysis of Flow Cytometry Centre for Advanced Drug Research



As it has been the tradition of CADR to facilitate the researchers and provide them best ever opportunities of learning the dynamic and advanced themes in science. Keeping this in view, the one-day workshops and sessions arranged by Prof. Dr Jamshed Iqbal (T.I.) for his research



group. The interactive sessions included, High Throughput Sequencing (HTS) and NGS. Overview was given by Dr Waseem Haider from CUI Islamabad Campus and a talk on Applications and Analysis of Flow Cytometry was presented by Mr Abdul Wahab from Becton Dickinson (BD).

Hands on Workshop on "Computational Methods for Drug Design and Discovery"

Centre for Advanced Drug Research

20 November 2018



The one-day hands on workshop on "Computational Methods for Drug Design and Discovery" was organized by the Centre for Advanced Drug Research (CADR) COMSATS University, Abbottabad Campus on 20 November 2018. The core area covered was MOE (Molecular Operating Environment), LeadIT (SeeSAR; structure-based docking / FlexX scoring / HYDE.



ligand-based alignment / FlexS similarity / FTrees fragment-based). It was a great event in which different participant from University of Lahore, Islamia University Bahawalpur, Quaid-e-Azam University Islamabad and International Islamic University, Islamabad attended the workshop in addition to students of COMSATS University.

MS/PhD Research Scholars of "Applied and Analytical Chemistry Research Group" Attended Different Conferences Department of Chemistry

The students of "Applied and Analytical Chemistry Research Group" from the Department of Chemistry presented their MS/PhD research at different conferences. The details are as follows:

- Haroon Ahmad, Asad. M. Khan "Exploring and comparing the phases formed in surfactant-co-surfactant/hexane/H₂O ternary system in the presence and absence of modified counter ions"; 4th International Chemistry Conference on "Recent Trends in Chemistry", 07-08 November 2018, Department of Chemistry, Allama Iqbal Open University, Islamabad.
- Attiq Ur Rehman, Asad. M. Khan "Synthesis of fluorescent and phosphor nanomaterials by using surfactants as soft template"; 4th International Conference on Recent Trends in Chemistry, 07-08 November 2018, Department of Chemistry, Allama Iqbal Open University, Islamabad.

- Mah Gul, Asad. M. Khan "Evaluation of interfacial properties of combination of modified counter ion of surfactants and their conventional counterion", 4th International Conference on Recent Trends in Chemistry, 07-08 November 2018, Department of Chemistry, Allama Iqbal Open University, Islamabad.
- Aaranda Arooj, A.R. Khan "Photocatalytic applications of Mn^{2+} and Co^{2+} co-doped TiO_2 for the degradation of fluoroquinolone and studying the mechanism of degradation"; 4th International Conference on Recent Trends in Chemistry, 07-08 November 2018, Department of Chemistry, Allama Iqbal Open University, Islamabad.
- Huma Zafar, Faheem Shah, "Supramolecular solvent based micro extraction for the pre-concentration of Pb and Cd prior to spectrophotometric detection"; 4th International Conference on Recent Trends in Chemistry, 07-08 November 2018, Department of Chemistry, Allama Iqbal Open University, Islamabad.
- Farishta Shafiq, Asad. M. Khan "Changes in Adsorption Character of Colloidal Silica by Modifying the Surface with the help of Cationic Surfactants"; 29th National and 17th International Chemistry Conference on "Chemical Sciences for Sustainable Development", 6-8 September 2018, Baragali Summer Campus, University of Peshawar.
- Farishta Shafiq, A. M. Khan "Manipulating the Adsorption Features of Colloidal Silica using Surfactants, its interaction with an Anionic Dye Congo Red and its Adsorption Kinetics"; First International Conference on Nanoscience and Nanotechnology (ICONN 2018), SCME, NUST Main Campus, Islamabad, 1-2 November 2011.

Research Productivity Awards 2017-18

31 October- 1 November 2018

As a part of PhD/Research Productivity event two days extensive meeting was held on 31 October & 01 November 2018 in the Conference Room of Administration Block under the chairmanship of Director, CUI Abbottabad. The meeting consisted of three separate sessions for Natural Sciences, Social/Management Sciences, Applied Sciences, and Mathematics.

Worthy Director warmly welcomed all the participants and proceeded further while sharing the significance of the meeting. He appreciated the efforts of faculty members contributing towards the quality research. He advised the faculty

members to take maximum part in research productivity with the help of senior faculty members in order to sustain the ranking of CUI among the various universities of Pakistan while making their own profiles attractive.

Chairman CGPC, Prof. Dr. Shahid Khattak, presented a detailed presentation regarding an overview of MS/PhD students and also shared the research productivity of all departments.

Each department shared its progress via detailed presentation and future targets were set accordingly.

On November 05, 2018 a ceremony was held to

appreciate efforts of faculty members for their efforts in publishing research papers.

Research Award Winners 2017-18



Best Researcher of the Year

Dr. Afsar Khan, Chemistry



Best Young Researcher of the Year

Dr. Rafiq Ahmad, ES



Rising Star of the Year

Ms. Sidra Mumtaz, EE



Best Researcher in ECE

Dr. Zahid Mahmood



Best Researcher in CS

Dr. Junaid Shuja



Best Researcher in Mathematics

Dr. Syed Zulfiqar Ali Zaidi



Best Researcher in Pharmacy

Dr. Muhammad Sohail



Best Researcher in DS

Dr. Bahadar Nawab Khattak



Best Researcher in Earth Sciences

Dr. Muhammad Umar



Best Researcher in ES

Dr. Fazli Wahid



Best Researcher in MS

Prof. Dr. Syed Amjad Farid Hasnu

RESEARCH PUBLICATIONS

Department	Published	Accepted
Department of Chemistry	19	4
Center for Advanced Drug Research	20	10
Department of Mathematics	11	1
Department of Electrical and Computer Engineering	13	9
Department of Environmental Sciences	75	0
Department of Management Sciences	20	10

FAREWELL

Dr Mallick Maroof Imam
Medical Officer
Administration



01-12-2016 to 14-12-2018

Khan Afsar
Security Guard
Administration



11-03-2005 to 31-12-2018

OBITUARY

Rizwan Saleem
Assistant Store Officer
Administration



13-05-08 to 04-02-19

Ajmal Hussain
Electrician
Administration



16-10-09 to 07-11-18

Khalid Ali
Sanitary Worker
Administration



01-07-12 to 17-07-19

Prize Distribution Ceremony



Regularization of Staff Grade Employees



Students' Week Fall 2018

