



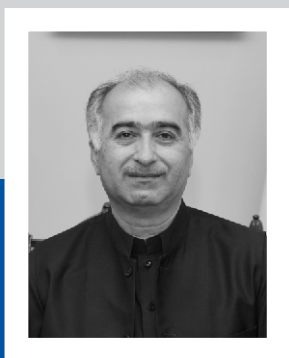
VOLUME 15 ISSUE 1

# Newsletter 2021

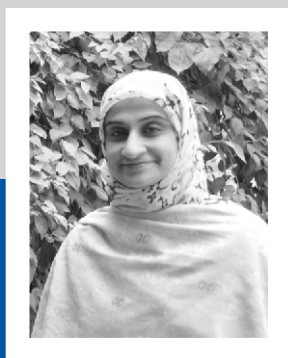
JANUARY TO DECEMBER

COMSATS UNIVERSITY ISLAMABAD,  
ABBOTTABAD CAMPUS

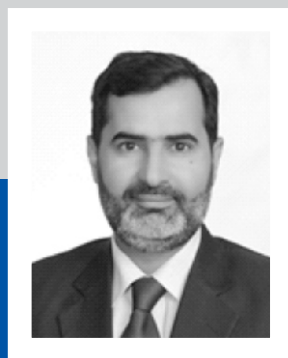
# Editorial Board



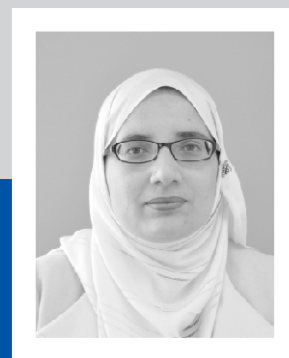
**Meritorious Professor  
Imtiaz Ali Khan**  
Patron



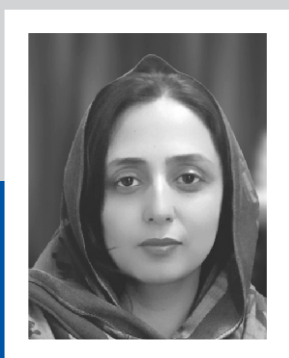
**Saadia Munir**  
Editor-in-Chief



**Prof. Dr Jamshed Iqbal**  
LiScent



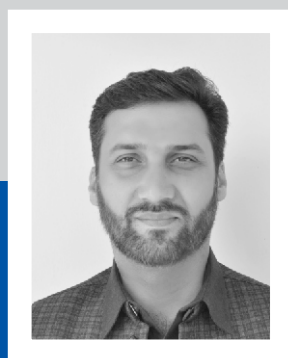
**Ms Sehrish Wali**  
Graduate Office



**Dr Huma Ajab**  
Chemistry



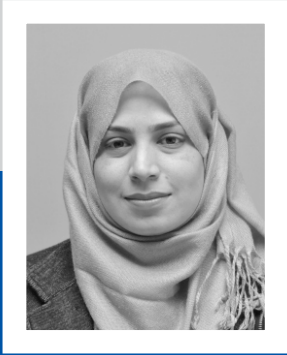
**M. Shoaib Khaliq**  
E&CE



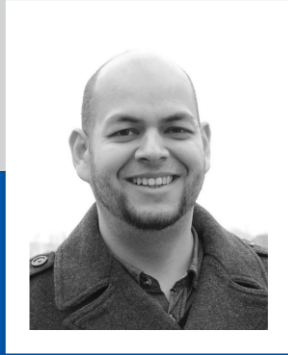
**Dr Faisal Rehman**  
Student Affairs



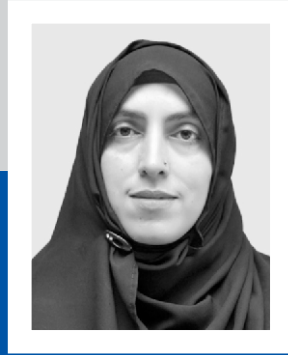
**Mr Adam Zahoor**  
CCDU



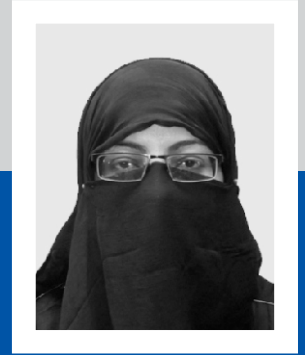
**Ms Sana Malik**  
Computer Sciences



**Dr Adeel Jalal Malik**  
Development Studies



**Ms Shaina Rauf**  
Humanities



**Ms Zanib Fida**  
Civil Engineering



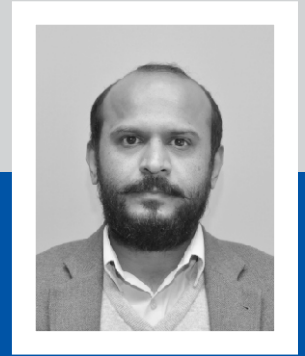
**Dr Habiba Zafar**  
Environmental Sciences



**Mr. Shazil Turab**  
Management Sciences



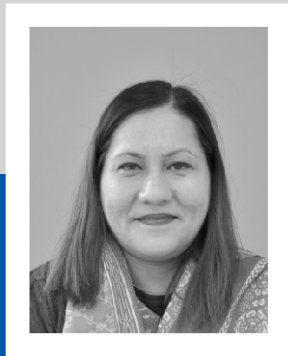
**Dr Faizan-ur-Rehman**  
Earth Sciences



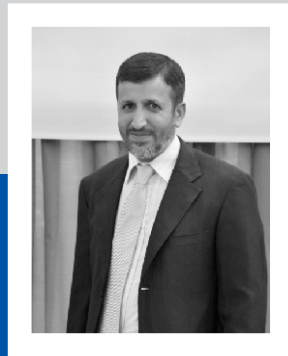
**Dr Muhammad Sohail**  
Pharmacy



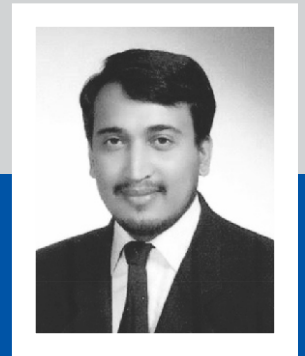
**Dr Saima Anis**  
Mathematics



**Dr Ayesha Baig**  
Biotechnology



**Gharib Nawaz**  
Photographer



**Waqar Azeem**  
Graphic Designer

NEWSLETTER TEAM

# Editor's Message



**Saadia Munir**  
Editor-in-Chief

I am delighted to share with you the Volume 15, Issue 1 of the newsletter of COMSATS University Islamabad, Abbottabad Campus. Campus has taken the post-COVID physical activities in a stride and everyone got a breath of fresh air after the lock down. A number of seminars, conferences, competitions and student week took place during the year. CUI Abbottabad got a new Campus Director, Meritorious Professor Dr Imtaiz Ali Khan, in March 2021. The news and events in this edition include special history of the campus rock monument, narrated by the initiator himself, Mr Nadeem Bokhari who has superannuated from CUI system. Different activities highlighted in this issue of newsletter include, Cancer Awareness Seminar, various Industrial-Academia Linkages, different tree plantation drives, seminars and events involving District Administration. CUI Abbottabad arranged a vibrant and wonderful Alumni Reunion for the graduates of CUI Abbottabad. Hope you will enjoy reading this issue and share your feedback and valuable suggestions for further improvement of the newsletter.

## TABLE OF CONTENTS

**08**

Academia-Industry  
Collaboration Meetup

**12**

Chinese New Year  
Celebrations

**13**

Clean your Trash at  
Nathiagali Treks

**18**

Alumni Reunion

**21**

Tree Plantation Campaign  
in Jabrian Near Shimla Hill

**23**

Workshop on Personal and  
Professional Development

**25**

Wastewater Management  
and Sanitation Services

**23**

Seminar on  
Seerat un Nabi ﷺ

**28**

Prize Distribution Ceremony  
PM's Kamyab Jawan

**32**

History of CUI Abbottabad's  
Rock Monument

**44**

Adventure Club Closing  
Ceremony

**62**

PhD Defense

**69**

Patent Granted to  
Dr Huma Ajab

**70**

Patent Awarded to  
Dr Khalid Rauf and Dr Yasser

**71**

Research Productivity  
Awards 2020-21

## Ehsaas Undergraduate Scholarship Phase-I Cheque Distribution Ceremony 9 June 2021

A brief cheque distribution ceremony took place on June 9, 2021, at CUI Abbottabad campus. The ceremony started with a welcome note by Ms Amber Sardar, Incharge Office of Development. Worthy Director Prof. Dr Imtiaz Ali Khan was the chief guest of the event. Dr Imtiaz Ali Khan encouraged all the students to study

with full devotion and utilize the scholarship in true letter and spirit. 185 cheques were distributed among the awardees. The ceremony concluded with a group photograph.



## Bait-ul-Mal Scholarships Office of Development 23 June 2021

Mr Malik Zaheer Abbas Khokhar, Managing Director Pakistan Bait Ul Mal, and Dr Zafar Khan Safdar, Director Administration Pakistan Bait Ul Mal visited COMSATS university Islamabad, Abbottabad campus for MoU signing ceremony. The ceremony started with the welcome note by Ms Amber Sardar, Incharge Office of Development. During the address Prof. Dr Imtiaz Ali Khan, Director CUI, Abbottabad, showed his immense gratitude to Managing Director Pakistan Bait-ul-Mal and his team for their visit and agreement on signing MoU. He stressed upon the importance of mutual

understanding between the two organizations. Furthermore, he extended his full support regarding any upcoming project of Bait-ul-Mal in future.

MoU was signed for the next two years and to his generosity, Malik Zaheer Abbas Khokhar, MD, PBM has announced 50 seats for CUI Abbottabad Campus.

After signing MoU, the team visited CUI, Abbottabad campus and MD appreciated the hard work of the campus in imparting quality education.



## Breast Cancer Awareness Day 25 October 2021

Breast cancer is the most common cancer in women around the world. Unfortunately, Pakistan has the highest incidence of breast cancer in Asia. It is estimated that each year more than 83,000 cases of breast cancer are reported in Pakistan. Nearly 40,000 women die, just due to this deadly disease, mainly due to the lack of awareness. SKMCH&RC remains dedicated to raise awareness about Breast Cancer through its yearly Breast Cancer Awareness Campaign. However, being part of the academia and being the main stake holder in health care profession, and maintaining its high standards set previously, Department of Pharmacy, COMSATS University, Abbottabad conducted Breast cancer Awareness Day on 25<sup>th</sup> of October 2021 at COMSATS University, Abbottabad Campus. Pharmacy practice faculty

and female students enlightened the females on campus that inheritance is one of the major risk factors of breast cancer. Female faculty on desk elaborated for students that among all the female cancer patients, more than 80% are victims of breast cancer. So, we consider it our moral as well as professional responsibility to raise awareness among females regarding prevention of this deadly disease.” Campus faculty also visited the desk and appreciated the coordination of Dawaa society and effort of department of Pharmacy in conduct in these kinds of valuable events for common person. Watching shining faces of women of all departments was delightful sight wearing pink butterfly badges and learning in a comfortable environment. Worthy Director Professor Dr Imtiaz Ali Khan also visited the forum along with



Chairman Department of pharmacy, Prof. Dr Taus Khan. Pharmacy Faculty members and students honored and welcomed the director with full enthusiasm. This interactive session was led by Mr Muhammad Naeem Riaz and Dr Mobasher Ali Abid who contributed their efforts in making the event successful. Mr Junaid

Hassan, student coordinator along with his team managed the cake cutting ceremony, Slap cancer and balloon ceremonies led by our worthy Director. Lastly, a pictorial presentation of student faculty along with director was conducted with full energy. Session concluded with vote of thanks from the worthy director.





## Vlog Competition Organized by Environmental Protection Society

13 December 2021

Vlog Competition was organized by the Environmental Protection Society (EPS), Department of Environmental Sciences, on 13 December 2021. This event was based on the theme "A Day Spent at CUI". Students from all departments participated in the competition formally inaugurated by Mr Umer Hassan, Convener Campus Societies. Mr Umer Swati, Media Manager of Water and Sanitation Services Company Abbottabad graced the event as Chief Guest. Head Environmental Sciences Department Dr Qaisar Mehmood T.I., Incharge of EPS Society Dr Shamyla

Nawazish, and Mr Umer Swati delivered informative talks on good management practices to mitigate the solid waste at Abbottabad and friendly attitude towards the environment. The WASA not only agreed to offer internships to the students of the Environmental Sciences Department but also showed interest in organizing joint ventures to combat future pollution challenges. Winners of the competition were awarded cash prizes and souvenirs were presented to the Chief Guest as a token of gratitude.



## Academia-Industry Collaboration Meetup Department of Computer Science 26 August 2021

Department of Computer Science in the leadership of Dr Mazhar Ali, Head Computer Science Department is actively involved in creating industry linkages for supporting and encouraging students to collaborate with the institute's researchers, making use of its highly qualified faculty and students. Recently, Dr Kashif Bilal and his team organized a meetup with software houses based in Abbottabad on 26 August 2021. Dr Tahir Maqsood Coordinator MS program and Dr Faiz Ali Shah Convenor FYP Committees also attended the meeting.

Representatives from Codematics, Bee Technica, JMM, Todds group, Cube Medical Billing, Cedrus Group and Robotics showed interest in said collaboration. They agreed upon: Proposing project/ modules for prospective students as their Final Year Project. They will conduct courses/seminars for the students. They will offer internships (short term during semester break, and long term after graduation) to students of CUI, Abbottabad Campus.



## Chinese New Year Celebrations 12 February 2021

On Friday, 12 February 2021, the Chinese New Year was Celebrated in COMSATS University Islamabad, Abbottabad, Pakistan. Various Chinese Ph.D. scholars, Professors, Directors, and children from Pakistani Schools were participated and show their love with China. Chinese Ph.D. scholars and children from schools present various Chinese national songs and activities in the event. Dr Talat Nazir who is the Coordinator of Chinese Programs of Education in CUI, Abbottabad Campus host this

event to show the strong academic relations been Pakistan and China.

In this event, the Director of COMSATS Prof. Dr Arshid Pervez expressed his feelings and told that we are always ready for all joint activities of Education, Social, Cultural, Industrial and Economical between two friend countries Pakistan and China. Pakistanis have a strong bond with Chinese people and respect China as a nation.



## “Clean your Trash” at Nathiagali Treks.

1 September 2021

COMSATS University Abbottabad campus has launched a campaign for awareness and cleaning tourist leftover trash in coordination with Galiyat Development Authority at Nathia Gali on 1 September 2021. More than 200 students and faculty members participated in

this campaign. The aim of this activity was to create awareness in society regarding the negative effects of waste on the environment



and to motivate youth to come forward and perform their role for environmental protection and sustainability. This activity was conducted in coordination with Galiyat Development Authority, District Government Abbottabad, and Wildlife on the different spots of Nathia Gali. Director COMSATS University Abbottabad Professor Dr Imtiaz Ali Khan, while briefing the audience at the occasion said that COMSATS University has always been on the front lines in social welfare activities. He further added that being responsible citizen we should be aware of the negative effects of waste on the environment and living beings. Waste destroys Nathia Gali's spectacular natural beauty, ruins tourism and associated possible economic gain. We have to take initiatives to protect our environment, minimize pollution and preserve the beautiful landscape of our dear homeland. On this occasion, Deputy Additional Commissioner

Shahab Khan said that all the members of society should play their role and should actively participate in such awareness campaigns. We will have to work for the protection of the environment and lay down the foundation of responsible tourism to sustain natural beauty. The Department of Environmental Sciences faculty never hesitated to initiate or participate in activities intended to stop environmental degradation and ensure sustainability. According to the COMSATS Spokesperson Naseer Ahmed, students and faculty members of COMSATS Abbottabad participated in this campaign of removing the filth and wastes from the different spots in Nathia Gali, Lalazar track and Mushkpuri. In the end Director COMSATS University Abbottabad Dr Imtiaz Ali Khan and Deputy Additional Commissioner Shahab Khan distributed the certificates among the participants.



## World Environment Day Department of Environmental Sciences

5 June 2021

Every year, World Environment Day is observed on June 5. This day is celebrated to encourage awareness and environmental protection. Department of Environmental Sciences COMSATS University Islamabad, Abbottabad Campus celebrated the environment day in collaboration with the Environment protection Agency (EPA). The theme for World Environment Day 2021 was “Ecosystem Restoration”. The main focus was to highlight the importance of ecosystem restoration is Pakistan and how healthy ecosystems can enhance people's livelihoods, counteract

climate change and stop the collapse of biodiversity.

In this regard, the Muhammad Ali, Director (EPA) highlighted the importance of ecosystem and its restoration, a mission to prevent, reverse the degradation of ecosystems and the diversity of life they sustain. He also shared the contribution of EPA to restore the ecosystem and environment by enforcing rules and regulation. The assistant director of EPA also addressed the environmental challenges in the country with reference to ecosystem restoration and how EPA contributes in policy making for



protection of environment and biodiversity. Dr Qaisar Mahmood (TI), head of the Environmental Sciences department also enlightened the importance of ecosystem and its restoration, which aims to support developing countries' capacity for planning and implementing ecosystem restoration as part of their national biodiversity strategies and action plans. He also emphasized the government;

NGOs and citizens to put their efforts in spreading awareness and the importance of conserving the environment and negate the impact of human activity on the environment. The ceremony concluded with the certificates distribution among the EPA members and event organizing team of Environmental Sciences CUI Abbottabad Campus.



## International Webinar on Air pollution, Climate Change and their Impacts on Mountainous Water Resources Department of Environmental Science 26 January 2021

An international webinar on Air pollution, climate change and their impact on mountain water resources, was conducted on 26 January 2021. The webinar was organized by Dr Romana Khan, Dr Adnan Ahmad Tahir, Dr Usman Irshad, and Dr Malik Tahir Hayat from the Department of Environmental Sciences. A huge response was received reflecting the interest of people in the subject around the world. More than 500 researchers and students registered for this webinar from 12 countries and >190 attended the webinar online.

The webinar started with the opening speech by worthy Rector CUI Prof. Dr Muhammad

Tabassum Afzal. Four speakers from China, Iran and Pakistan presented their research work on the topic. The webinar was divided into two sessions each chaired by Prof. Dr Muhammad Irshad (Chairman, ES CUI ATD) and Dr Qaisar Mahmood (HoD, ES CUI ATD). The closing speech and vote of thanks was presented by Prof. Dr Arshid Pervez, Director CUIATD.

The feedback survey showed that 92% of attendees were very satisfied with the overall content and organization of the webinar. E-Certificates were distributed among the attendees of this webinar through emails.





## Alumni Reunion 2021

4 December 2021

Alumni Reunion was held at CUI, Abbottabad Campus on 4 December 2021 and more than 200 alumni from batches of 2001 to 2014 attended the event. Commandant Pakistan Military Academy (PMA) Kakul Maj. General Omer Bukhari attended the event as Chief Guest. Addressing the gathering, Major General Omer Bukhari applauded the efforts of CUI, Abbottabad campus for organizing the event in honor of the alumni. He also commended the contributions made by CUI, Abbottabad campus at national and international levels and stated that he was very happy to see international students from various countries besides the

students from all regions. He assured that the Pakistan Army would always support CUI in all matters related to education. Director CUI, Abbottabad Campus Prof. Imtiaz Ali Khan said that he was pleased to address the Alumni Reunion, which has been organized to reconnect alumni with their alma mater, commemorate the wonderful past, celebrate the present achievements and to strengthen the professional networking for a bright future. The convener of the event Dr Azizullah Sayal while addressing the forum stated that the university was proud of the achievements made by the alumni in various fields.



## PICTURE GALLERY

### Alumni Reunion 2021

4 December 2021



## National-level Hybrid Webinar on Computational Biology Organized by the Industrial Biotechnology Research Group and Biotech Society Department of Biotechnology

02-03 June 2021



A national-level hybrid webinar was organized by the Industrial Biotechnology Research Group and Biotech Society of the Department of Biotechnology, CUI, Abbottabad campus from 02-03 June 2021. The opening ceremony was chaired by the worthy Director, CUI, Abbottabad campus Prof. Dr Imtiaz Ali Khan and included Chairman Biotechnology Dr Mohammad Maroof Shah and HoD Biotechnology Dr Amjad

Hassan. The webinar focused on hands-on training about protein structure modeling, molecular docking, and molecular dynamics simulation. Dr Naeem Mehmood Ashraf, University of Gujrat was the resource person for this event. The proceedings of the webinar were moderated by Dr Muhammad Ali from the Department of Biotechnology. There were 140 participants of the webinar representing various prestigious universities of Pakistan including Government College University, Lahore, University of Wah, University of Agriculture, Peshawar, Punjab University, University of Karachi. The training improved the understanding of the students about the modern trends in the field of computational biology. At the end of webinar, focal person and the organizers were presented with souvenirs.



## Tree Plantation Campaign in Jabrian Near Shimla Hill

3 August 2021

A ceremony was held at the Jabrian near Shimla Hill to plant trees as part of the Greener Pakistan Initiative (10 billion Tree Tsunami). The COMSATS University Islamabad, Abbottabad Campus and forestry department, by inviting schools to hold a tree plantation activity across Jabrian Abbottabad. The ceremony was attended by Director COMSATS Prof Dr Imtiaz Ali Khan, faculty of Environmental Sciences,

Administrative Officials and a large number of national and international students. Under this campaign, around 25 schools joined the movement and conducted a tree plantation drive on 3 August at 9:30 AM. Dignitaries from 10 different government institutes like WASSA,



Education department, senior officials like school heads and teachers joined the various schools and planted tree saplings with children. Children also pledged that they would take care of the saplings for next one year and share the growth of their plants with us. The objective of the campaign was to support environment and climate literacy, by planting tree saplings and building awareness about clean energy. Addressing a ceremony in Abbottabad, the Director COMSATS, invited as a chief guest and he began his address by thanking all those who

had participated in the campaign. He stated that Pakistan was among the top ten countries most affected by climate change. If we keep on this path, then some of the areas will be affected greatly and soon become a desert. He urged that it was our responsibility to make the country green for future generations. He also said this was just the start, and this activity will continue in future. Different participants also shared their experiences and views to clean and protect the environment.



## Workshop on Personal and Professional Development Department of Management Sciences 14 December 2021

On 14 December 2021, the Executive Club arranged a workshop on personal and professional development for the students of Management Sciences. The workshop focused on developing the indispensable personal and professional traits in addition to curricular abilities. How to communicate, how to dress, managing time, building up confidence and how to carry yourself were the major spotlights of the workshop.

Speakers enlightened the students about the significant guidelines needed to develop themselves in both personal and professional aspects. Speakers included the following:

- Mr. Umar Hassan, Assistant Professor, Management Sciences Department (Lead yourself first!)
- Madam Nadia Baig Uzbek, Assistant Professor, Management Sciences Department (Morals and Ethics)
- Mr. Zarak Khan, Lecturer, Management Sciences Department (Tolerance and Inspiration)
- Mr. Asad Razaq, Lecturer/DOO, Management Sciences Department (Dress to Succeed)
- Syed Afzal Shah, Assistant Professor/Incharge SSBC (Developing Entrepreneurship Among University Students)
- Mr Ubaid Ali, Assistant Professor, Management Sciences Department

(Communication Skills)

- Dr Jamil Anwar, Assistant Professor (Managing Yourself)
- Dr Aziz Ullah Sayyal, Head Management Sciences Department (Concluding Remarks)

During the leadership session, the audience took part in a fun activity by logging in on menti.com. Everyone submitted responses related to their strengths and weaknesses and the skills they want to learn. Similarly, a fruitful discussion was led on how to keep ourselves morally and ethically strong, while inculcating in ourselves tolerance, honesty, self-esteem, and emotional stability. Additionally, its necessary to work on our physical aspects as well like body language, gestures, expressions, and the proper way to dress in a professional environment. To top it all up into a single plate, the session on entrepreneurship provided the students with a whole new outlook on how to think out of the box and bring a change by stepping into the world of business.



## Independence Day COMSATS Literary Society 14 August 2021

A gala event of Independence Day was held at COMSATS University Islamabad, Abbottabad Campus. This event was organized by COMSATS Literary Society (CLS) which is presided by Mr. Assad Rafaq of Department of Management Sciences. Professor Dr. Imtiaz Ali

Khan, Director CUI Abbottabad along with the Additional Deputy Commissioner Abbottabad, Mr. Shahab Khan raised the Pakistan Flag. Event was attended by faculty members and their families and the students of CUI Abbottabad.



## Wastewater Management and Sanitation Services: A Step Towards Saving Public Health and Sustaining Environment

30 December 2021

Open discussion on the requirements of Water and Sanitation Services Company Abbottabad (WSSCA) for solid waste management and wastewater treatment was held on 30 December 2021 in CUI Abbottabad. Merit. Prof. Dr Imtiaz Ali Khan Director CUI Abbottabad honored the meeting with his kind presence and discussed the future requirements of water and sanitation services and capacity of WSSCA keeping in view the sustainable development goals especially the ever-changing scenario of climate change and population rise in Abbottabad city. Prof. Dr Muhammad Irshad, Chairman Department Environmental Sciences, CUI Abbottabad chaired the meeting. After introduction of all participants, Dr Muhammad Bilal briefed the WSSCA participants via presentation on the prospectus capacity of the Environmental Sciences faculty

for the possible solutions of solid waste management issues being faced by WSSCA. Thereafter, all the participants were briefed by the CEO WSSCA on the requirements of WSSCA operational area and work focus. WSSCA is a corporate Governmental organization currently serving for drinking water supply and solid waste management (collection and transportation only). They are currently providing drinking water and sanitation services to only four Urban Union Councils (UC) and services may be enhanced into other UCs of Abbottabad city. They are currently dumping solid waste in Salhad and working on a pilot plant for solid waste processing/dumping (material recycling facilities or MRF/landfill) in Dhamtor area. Now WSSCA is focusing to involve academia for possible low-cost treatment solutions for both solid waste and





sewage wastewater. Dr Muhammad Bilal presented the possible solutions and treatment methods academia can offer to WSSCA as a sustainable approach in Abbottabad.

Participants from CUI Abbottabad included Prof. Dr Muhammad Irshad (Chairman) Dr Faridullah (Assoc. Prof.), Dr Muhammad Bilal (Assoc. Prof.), Dr Zulfiqar Ahmad Bhatti (Assist. Prof.), Dr Nadia Riaz (Assist. Prof.) Dr Shamyla Nawazish, Dr Asam Shad, Ms. Romana Jamshaid from Department of Environmental Sciences, Dr Tatheer Alam Naqvi, Dr Iftikhar Zeb from Biotechnology and Mr Sajid Naeem, Deputy Registrar (Industrial Liaison Officer). The participants from WSSCA included Mr Aamir Zaki, Chief Executive Officer (CEO) WSSCA, Engineer Zeeshan Pervez, General

Manager Operations WSSCA, Engineer Javed Abbasi, Deputy Manager Operations WSSCA, Engineer Nauman Qabool, Deputy Manager Water Supply, and Mr Omer Swati, Deputy Manager Media Communication.



## Seminar on Seerat un Nabi

20 October 2021



A one day Seminar in continuation of Ashra-e-Rehmat-UI-Lil Aalameen (S.A.W) and Eid Milad Un Nabi (S.A.W) was organized on 20 October 2021, by COMSATS Literary Society in Collaboration with Humanities Department and Department of Management Sciences. The aim of the conference was to enlighten the different aspects of Holy Prophet Hazrat Muhammad's (PBUH) life. The event started with the recitation from the Holy Quran followed by Hamd-o-Naat by students of the literary society. Dr Waseem Ahmed (CEO – Hopeman Consultants UK)

highlighted the aspects of living the life in light of the teachings of Quran & Sunnah. He stressed upon the need to have the real flavor of faith inside our hearts, that comes out of the love that a Believer must have for Allah and His Prophet Hazrat Muhammad (PBUH). A very comprehensive lecture was delivered by renowned Spiritual & Religious scholar Prof. Dr Abdus Salam on the Seerat of the Holy Prophet Hazrat Muhammad (PBUH). He discussed set of principles from the teachings of Holy Prophet Hazrat Muhammad (PBUH) and how young

generation can incorporate them to improve their lives. He emphasized that all worldly & religious knowledge, cultural aspects, societal and human actions must be centered on one pivot and that is the name of Allah and teachings

of Prophets Muhammad (PBUH). At the end of the conference, Prof. Dr Abdus Salam prayed for the prosperity of Muslim Ummah and Pakistan.



## Seerat-Un-Nabi Conference

"Prophet Teaching: Vital for Better Life"



## Prize Distribution Ceremony Prime Minister's Kamyab Jawan “Skills for all” Program

COMSATS Community Development Unit (CCDU)

11 October 2021

Prize distribution ceremony was held in COMSATS University Islamabad (CUI), Abbottabad Campus for the trainees of Prime Minister's “Kamyab Jawan Skills for All” program. Worthy Director, CUI, Abbottabad Campus Merit. Prof. Imtiaz Ali Khan was chief guest of the occasion. In his address to the trainees he highlighted the importance of skill development at individual level as well as on national level. He told the trainees that in current scenario people having professional skills have more scope and there are millions of opportunities in IT sector. He further said the CUI, Abbottabad Campus has always working for betterment of communities and will continue to do so in future.

Mr Adam Zahoor Project Coordinator, COMSATS Community Development Unit (CCDU), presented the project report that

included the progress of the project till date. Prime Minister's “Kamyab Jawan Skills for All” program aims to offer quality professional training and skill development opportunities to young people across Pakistan. This program offers Hi End as well as Conventional vocational courses from 3 to 6 months duration.

CUI, Abbottabad is conducting Certificate in Office Management (6 Months) & Certificate in IT (Web software and Mobile App Development (6 Months). In Batch 1, total 75 trainees had completed the course. Many of the passed-out trainees are now working as freelancers while many other have found job in relevant fields. 75 trainees are currently enrolled in these two courses. The project is providing free of cost quality training, stationary, training material and other resources needed for training to the trainees.



## Accreditation from Pakistan Engineering Council 8-9 July 2021

Pakistan Engineering Council planned re-accreditation visit for COMSATS University Islamabad (CUI), Abbottabad Campus based on OBE for Electrical (Power), Electrical (Electronic), Electrical Computer Engineering and Civil Engineering programs on 8-9 July 2021. The visitation team reached the CUI, Abbottabad campus on July 7, 2021 afternoon.

PEC team comprised of the following members:  
Team Leader / Convener: Prof. Dr Zafar Ullah Qureshi Air University Islamabad, Program Evaluators (PEVs) for Electrical and Computer Engineering, Prof. Dr Asif Masood MCS Rawalpindi (*PEV Computer Engineering*), Engr. Dr Haroon Yousaf UET Taxila (*PEV Computer Engineering*), Prof. Dr Tahir Nadeem Malik UET Taxila (*PEV Electrical (Power) Engineering*), Prof. Dr Tahir Izhar Lahore (*PEV Electrical (Power) Engineering*), Prof. Dr M.

Tariq NUCES Peshawar (*PEV Electrical (Electronics) Engineering*), Prof. Dr M. Amir IUI Islamabad (*PEV Electrical (Electronics) Engineering*), and Engr. Dr Sadaqat Jan UET Mardan (*Observer Computer Engineering Program*). The representative from PEC was Engr. M. Haroon PEC HQ, Islamabad.

It is the matter of honor for the department in particular and CUI, Abbottabad campus in general that all the three programs of the department are accredited.

- Electrical (Power) Engineering received accreditation for 3 Years
- Electrical (Electronic) Engineering received accreditation for 3 Years
- Electrical Computer Engineering received accreditation for 2 Years
- Civil Engineering received accreditation for 1 Years



## University Industry Linkage

14 October 2021

COMSATS University Islamabad, Abbottabad Campus and The Mashmoom (Pvt.) Limited, Hattar District Haripur signed an MoU on October 14, 2021 for joint research collaboration. The visiting team comprised the following:

- Qasid Ahmad, Plant Manager, Mashmoom Private Limited
- Safer Akhtar, Finance Secretary Hattar Industrial Association
- Malik Sher Afgan, Senior Vice President, Haripur Chamber of Commerce
- Zahid Shah, Executive Member Hattar Industrial Association

Both organizations agreed to promote the following activities based on respective academic and industrial needs with mutual understanding:

- Both organizations will conduct joint research activities for the interest of university and
- Participation in conferences, workshops, and

- Other problem-based research that both university and industry may
- Study tour for undergraduate and graduate
- Joint implementation activities of drug development, profiling, testing, quality assurance,
- The University will assist Mashmoom Private Limited to improve procedures, processes, testing, and composition, etc. of the products. The Company will suggest for students' research work/Projects under supervision of the concerned faculty(s)

Addressing the forum, Worthy Director, CUI , Abbottabad Campus Merit Prof. Imtiaz ali Khan stated that CUI, Abbottabad campus has a team of highly qualified faculty members who are conducting quality research in various fields and are second to none. The visiting team expressed their gratitude to CUI, Abbottabad campus for showing keen interest in Academia Industry Linkage. And stated that more MoUs would be signed in future for joint collaboration.



## Dengue Infection Awareness Walk

04 November 2021

With the aim of combating the deadly disease Dengue, Societies of CUI Abbottabad, organized a special Dengue Awareness Campaign. A walk on dengue control and prevention was held at COMSATS University Islamabad, Abbottabad campus on 04 November 2021 with an aim to raise awareness among the citizens against the disease. DAWAA Society along with different societies of the campus, led the walk and awareness regarding Dengue. Students displayed different slogans and distributed informative pamphlets to spread awareness. The Director COMSATS University Abbottabad campus Merit. Prof. Dr Imtiaz Ali Khan said that awareness could play a key role in fighting dengue because prevention is far better than cure. He shared his thoughts about deadly events of dengue fever and dengue hemorrhagic episodes. While sharing the valuable information about Dengue with the

audience, he said that apparently it is a small flying insect but major chunk of the funds being collected globally are being spent on mosquito borne diseases prevention. He further stated that the most important thing is to focus on cleanliness and clean environment. Everybody in the society should play his due role for betterment of the society. He further stated that students and teachers should focus on research to combat dengue and all other mosquito borne diseases, so that one day we would be able to have a Dengue Free environment. HoD Pharmacy, also highlighted the importance of the occasion. Area Manager and Zonal coordinator of Chughtai Lab were also invited by the DAWAA society, they highlighted their role in social services of their organization and ensure to extend full cooperation with CUI, Abbottabad Campus in all respect.



## Dengue Infection (Information)

Dengue is a mosquito borne viral infection. Dengue infections may cause flu like illness to lethal complication. It has no specific treatment. Early detection and proper medical care lowers fatality rates. Dengue infections are growing dramatically in recent decades. About half of the world's population is now at risk with 100-400 million infections every year. Many cases are asymptomatic and actual numbers of dengue cases are under reported or misdiagnosed with other illnesses. About 70% of actual burden is in Asia. The number of dengue cases increased 8-fold in last two decades. Still full burden of disease is unexplored. The disease is now existing in more than 100 countries including Pakistan in Asia. The first confirmed outbreak of dengue fever in Pakistan was in 1994, but a sudden rise in cases occurred in 2005. From 2010, Pakistan is facing an epidemic of dengue fever that has caused 16580 confirmed cases with 257 deaths. In current year Islamabad and

Lahore are facing a continuous rise in dengue fever cases, Dengue prevention and control depends on effective measures with community involvement.

## Symptoms and Preventions

Dengue symptoms usually last for 2-7 days, after an incubation period of 4-10 days of infected mosquito bite. Dengue should be suspected when a high fever (104°F) is accompanied by 2 of symptoms during febrile phase like severe headache, pain behind the eyes, muscle and joint pains, nausea, vomiting, swollen glands, rash. Normally, in dengue patients after 3-7 days of illness, fever starts dropping (below 100°F) and that is warning sign of severe dengue. Symptoms like severe abdominal pain, persistent vomiting rapid breathing, bleeding gums, fatigue, restlessness, blood in vomiting must not be ignored. Close observation for the next 24-48 hours is essential so that proper medical care can be provided to avoid complications and risk of death. There is



no specific treatment for dengue fever. The best options is paracetamol but avoid Ibuprofen and Aspirin as they can act by thinning the blood. Maintenance of the patient's body fluid volume is very important to decrease the risk from 20% to less than 1%.

Dengue infection in pregnancy can affect the babies as they may suffer from preterm birth. Low birthweight, and fetal distress. There is no successful vaccination available so far. If a person described dengue, then avoid getting further mosquito bites during the first week of illness to reduce further spread.

Elimination of mosquito breeding sites is the

main method to control or prevent the transmission of dengue virus. This can be achieved through control mosquitoes breeding environment by closure of unnecessary dirty water ponds, covering and cleaning of domestic water storage on a regular basis, applying appropriate insecticides to water storage outdoor containers, personal protection from mosquito bites by using window screens, repellents, and insecticide treated materials, coils, wearing full clothing to minimize skin exposure to mosquitoes, educating the community on the risks of Dengue and emergency measures such as insecticide sprays.





## Tree Plantation at Lady Garden Abbottabad Department of Environmental sciences

Tree plantation event was organized at the Department of Environmental Sciences at Lady Garden Abbottabad is an effort to make a green city. Due to Covid pandemic the number of participants was very limited at the plantation of Araucaria an evergreen plant. Commander

Cantt Board Brigadier and CEO Cantonment Board of Abbottabad also joined and planted the tree. He ensured to continue their kind cooperation with Department of Environmental Sciences in particular at COMSATS University Abbottabad.



## Dr Shamyla Nawazish and PhD Student Miss Suneela Jadoon Visited Hattar Industrial Estate

5 May 2021

Dr Shamyla Nawazish Assistant Professor ES Department and her Ph.D. student Miss Suneela Jadoon visited Hattar Industrial Estate on 5 May 2021. They had detected the concentration of Carbon Monoxide (CO) in the blood of the Labor community of Hattar Industrial units by using the Masimo set intact and portable detector. This instrument has not

been used in Pakistan and it is very safe to detect the inhalation rate of Carbon Monoxide without taking the blood samples and health impact can be easily detected by this instrument. On behalf of the ES Department, special thanks go to Mr Sajid Naeem and Hattar Industrial Estate Association for their kind cooperation.

## History of CUI Abbottabad's Rock Monument

On queries regarding campus monument, the man behind the project was contacted. Syed Nadeem Bukhari, the first General Manager of COMSATS University Islamabad, Abbottabad campus was kind enough to give us time for a telephonic interview. Here is the excerpt from the interview:

**Question: What prompted the idea of having a monument on campus?**

Syed Nadeem Bukhari:  
In August 2005, Mr Haroon Rashid, then Campus Director informed me that campus convocation is scheduled on October 15, 2005. President of Pakistan, General Pervez Musharraf has consented to being the chief guest at the occasion. The idea is to

have a campus monument in place by that time, which he will inaugurate. I brought about 25- 30 ideas of different monuments in universities, made from different materials, wood, metal, concrete, rock, fiberglass etc.

**Why rock was chosen as the medium for monument?**

Syed Nadeem Bukhari:  
Mr Haroon suggested that the material or structure should be in line with the surrounding region, physical and geography. It should not

look out of place rather a part of the natural environment. The area is surrounded by hills, trees and rocks. Therefore, the rock should be visible as if the rest of the area was cleared away and only the rock remained. I got a one foot tall model from rock prepared at nearby marble factories, and showed it to Haroon sahib, that it will look something like that.

**How this rock form materialized?**

The length, and girth of the rock, its source and the cost was unknown. This was something that did not come with a price tag, found off the shelf or manufactured. Just like there was no price tag available for constructing a Taj Mahal in Agra. It required personal dedication and

willpower. I was lucky to be given a free hand in making it a reality. I had requested that no interventions should be there in the assignment, neither had I had any answers to questions about the expected cost and other modalities.

I travelled to different cities and contacted various vendors who worked with stone or involved in blasting mountains for constructions etc. The search started from Oghi, Thandiani, Khaki and surrounding area. During the course I came across with several people who rather



surprised on this strange demand which nobody has ever asked in their long time mining business. Every marble/granite factory in Hazara Division was visited and most persons in in this business were contacted but the answer was a bib “NO”. After much search and deliberations, I reached Taxila and after going door to door and shop to shop, I met with a guy who understood what I was looking for and said, “Saheb, Yeh tou Shouq wala Kaam haye, chlain iss kaam ko kartey hain”. He informed me that there was mining going on near Buner and during blasting he will visit himself to see if he could find the type of rock that I was interested in. He asked for an advance of Rs. 25000. A date was decided when he would come and collect the amount. After facing many typical clerk mindset and other hiccups, the amount had to be personally handed over to the individual.

### **How was the rock found and how it arrived in campus?**

In September 2005 my contact confirmed that he has blasted a rock and found an 18 feet long solid rock in “Slate material”. He was sending the rock on a flat-body truck and asked me to make arrangements to unload it in Abbottabad. I had to make the spot ready where the rock



would stand, so we dug up a large eight feet by eight feet and 5 ft deep to have a bevel (Cauldron shape) foundation. Mr Najeeb and Mr Imran Ali Warsi of Design-man Consultants, designed the foundation on my request. The designers were asked to design a foundation for the rock with a placement angle of 45 degrees but actually to be installed at 90 degrees for safety purposes.

### **What were the dimensions and shape of the rock?**

It was a solid rock and weighed 18.5 tons. The length of the rock was 18 feet. The shape was straight, non-homogeneous, natural shape pointed at the top with a un even, thick bottom.

### **When and how was the foundation prepared?**

The foundation was prepared well in time for the rock to arrive. It was prepared by 6<sup>th</sup> Sept 2005 by Haji Badiuzaman Saheb and Mr Javaid Khan's team, working on the construction of Z-Block.

The foundation with double layer steel with cross balancing and supporting steel fixing in the raft foundation had to be prepared for the rock just as we prepare the roof of a house with shuttering before lenter (Concrete roof) is prepared. 2 feet tall boulders were to be dropped

in the sides along with the rock. The material for the foundation was also provided by Haji Badiuzaman.

### **What preparations were made before rock's arrival at campus?**

The truck was expected to reach campus in the evening of 19<sup>th</sup> September 2005, as informed by the supplier on 18<sup>th</sup> Nov 2005 and asked to make arrangement to off load the rock. Before it's arrival I needed equipment and manpower to unload it. I required a chain hoist (chain Kuppi in

urdu), which was very difficult to find, that could hold heavier weights. I looked for the same in Army set-ups but the only one they had was small crane. After extensive searching, I was able to get hold of a person doing tube well/water boring near Daewoo bus terminal. He had

the required equipment with manpower (steel ropes, pipes, iron stands, clamps, Jabbal etc) and the Chain Hoist capable to hold more than 2.5 tons. I asked him to send a vehicle with everything and about 7-8 strong built labor force by the evening, to campus, where we would unload the rock.

The rock arrived at Maghrib prayer time of 19 September 2005. It was a huge rock on sight. Everyone gathered around to see what was



happening. Mr Salman Firdaus (late) had the foresight to take a few pictures that we have now of that time to narrate the history.

### **How was the rock unloaded?**

We had unloaded two trolley of sand and made a heath near the foundation. We tied the chain hoist with the tree and parked the truck at an angle near the sand hill. We used the lever principle and moving load method. Added pipes one by one under the rock and it started to lift. When it's one side was up a little, we added

wooden pieces underneath to have it raised and used hydraulic jacks.

Starting from small dia pipe to larger dia pipe under the rock after few hours of efforts, the rock was disengaged from the flat body of truck and eventually rested on pipes. Steel ropes were tied to rock

with clamps, hydraulic jacks were used to push, manual labour and truck was started and in low gear move forward. You can see in the pictures that the truck's front wheels are in the air when the rock is being shifted on the sandhill.

Multiple efforts were being done at a time. Chain hoist pulled slowly, which was joined with a wire rope harness that was holding the rock, adding of space fillers in the form of Jabbal & Pipes, hydraulic jacks and moving the truck forward so

that the rock leaves its space. After a lot of effort, finally, the rock was offloaded safely on the sandhill. This hill was most critical moment as all these efforts were made to offload the rock on the sandhill while considering sand expansion under load, otherwise the rock was expected to break in the middle in case of the slightest miscalculation. Everyone along with crowd was in high stress and silence prevailed in an atmosphere with only sound of truck and labor.

**You mentioned the rock was pointed at the top, but the shape at the top is different now?**

Once the rock was offloaded on the sand, we had to look for a crane that would lift it up and place it inside the foundation at the exact point. In the meantime, the campus Director suggested cutting the top in the form of a “V” for victory sign in a natural contour. The cutter came to campus and cut the piece at the top.

**What happened with the crane?**

One of Peter Drucker's management quotes is “Things will go wrong when they should not go wrong” came into force automatically. We were running out of time, and the rock needed to be placed in the foundation and in concrete in late 3<sup>rd</sup> week or early 4<sup>th</sup> week of September 2005. I

could not find a crane to lift the rock in Hazara Division. Taxila GT road to be visited, where heavy machinery is available on rent. If we travel to Rawalpindi, near Taxila we can see 15-20 cranes parked along roadsides waiting to be used. But after repeatedly asking for a crane to all machinery suppliers for six or more days and with 3 physical visits, we could not find a single crane available. This was quite surprising.

Ultimately, I requested Haji Badi-u-Zaman to arrange a crane at any cost to be paid as I have

no more time available. 14 days are required for concrete in the foundation to stabilize. He called his contact in Murree Brewery factory Rawalpindi and traced one available for Rs 38,000 rent for 8 hrs. I did not have time, nor other resources, so I had to say “yes” to him and told him to send it

right away. The crane arrived on campus at 10 pm 25 September 2005.

**The Monument installing Day:**

Everything was ready and in place (cement, sand, crush, boulders, pipes, clamps, concrete mixer, water, labour, steel rope, holding and supporting arrangements) but we missed on lighting arrangements. The ropes were tied, and clamps were placed, and the crane lifted the rock. The meter on the weighing scale showed





18.5 metric tons. The rock had to face at an angle inside the foundation before the concrete was poured in to face the line of sight on the entrance road. Nobody wanted to go down in the foundation and move the rock to its side. I risked myself and jumped in to give the rock the proper position. Once set, the concrete and 2.5 feet boulders were added to keep the rock in place at the bottom. Three trollies of concrete were poured in the foundation on four sides of the rock, which was clamped inside with pipes and external support was provided by pipes and clamps to hold it in place. All material and labour were provided by Haji Badiuzaman. Monument stone was installed, and crane left at 6 am in morning. When lights went off, we used 5 vehicles to provide light at work site with headlights. Monument was in place on 26<sup>th</sup> Sept 2005 morning.

### **What happened on 8<sup>th</sup> October 2005 Earthquake?**

The concrete required fourteen days to set, and we had poured in the mixture in the 4<sup>th</sup> week of September 2005. It was not set entirely, and a 7.6 magnitude earthquake came at 8:50 am on 8th October 2005. I was home at the time and rushed to the campus after safeguarding my family to see if the monument is in place or otherwise. Enroute, I saw the fallen boundary wall of the campus and destruction all around, a hostel building was also damaged. But by the grace of Almighty, the monument was standing tall. You can see the photograph taken on 6<sup>th</sup> Oct 2005.



### How was the monument inaugurated?

The first plate that was placed on the rock front was for "Monument of Gratitude for General Pervez Musharraf", President of Islamic Republic of Pakistan, subsequently changed as you see now for political reasons. The second plate below was for the inauguration conducted by Prof Dr Atta Ur Raman N.I, S.I, H.I. The third plate was placed for the commemoration of Excellence and felicitation at the conferment of

Sitara-e-Imtiaz on the Founder Rector Dr S. M. Junaid Zaidi.

The fourth plate was in commemoration of the First Strategic Planning Conference named The Forum 2008: Looking Ahead. We appreciate your efforts and hard work in making the inevitable possible and now this monument remains the monument of the campus and will stay the insignia used to define the Abbottabad campus.

## Seminar on "Tech Trends in Global Job Market" Student Startup Business Center

29 July 2021

SSBC and the Department of Computer Sciences jointly organized an international online seminar on "Tech Trends in Global Job Market – What Tech Tools and Concepts Graduates Must be Prepared For?" on 29 July 2021 from 11:30am till 01:30 pm. The session was conducted by Mr Yasir Ali Khattak, who is a UAE-based senior ICT consultant, Entrepreneur, and Digital Transformation Strategist.

The basic purpose of the session was to expose Computer Science graduates/students to skills and tools that they must possess along with their degrees to secure jobs in leading companies like Google, Amazon, etc. Mr Yasir has touched upon Digital Transformation using DevSecOps, Agile, CI/CD, Data science / Data Engineers, Artificial Intelligence, Natural Language, Cloud

Technologies (AWS, Azure, VMWare, Google, Huawei), Cybersecurity, Hardware Engineering, UX/UI designing, Video game development, Experienced front-end software development, OS Development, Mobile App Development, Virtual and augmented reality development, Back end development in technologies or open-source projects (e.g. blockchain, big data, Scala, Golang, Elasticsearch etc). The students showed a keen interest in the session and asked many useful questions.

Dr Syed Afzal Moshadi closed the session with a vote of thanks to Mr Yasir Ali Khattak for sharing his valuable experience and dedicating his precious time. He also thanked Dr Kashif Bilal and the management of the CS Department for open-heartedly accepting the seminar offer and extending full cooperation.

## Visit of Dr Asad Muhammad Khan and Dr Sohail Anjum Shehzad to Viscolloids for Industrial Linkages Department of Chemistry

Associate Professor Dr Asad Muhammad Khan, Dr Sohail Anjum Shehzad, and Mr Sajid Naeem, visited Viscolloids and met with the CEO of the company Mr Gulzar Shah Mashwani to establish industrial linkages and get involved with the industry. They discussed different possibilities and avenues of cooperation. It was mutually agreed upon that Viscolloids and the Department of Chemistry at CUI will move in a direction of cooperation in the area of “new product development” based on the main product of Viscolloids, which is Gum Guar.

## Free Training for Students of University of Lahore Student Startup Business Center 29 April 2021

SSBC conducted a free online training session for BBA Students of the University of Lahore on 29 April 2021. on "Business Education and Future Job Trends". The training was attended by more than 70 student and faculty members. The session was a highly interactive session in which the participants raised many relevant questions. At the end of the session, the participants provided very positive feedback of the training session where the organizers of the university thanked the resource person. Kindly find attached pictorial evidence plus a participation certificate.

## Project Won by Dr Muhammad Tahir Department of Management Sciences

Dr Muhammad Tahir jointly with Dr. Arshad Hayat from the Metropolitan University Prague, Czech Republic won a project titled (Natural Resources Volatility and Economic Growth: Evidence from the Resource-Rich Region) sponsored by the Government of Czech Republic. The project is the part of Metropolitan University Prague research project no. 74-02 “Territorial Studies,



Economics, International Relations” (2020) based on a grant from the Institutional Fund for the Long-term Strategic Development of Research Organizations. The amount of the project was 1200 US Dollar. One paper has been published from the mentioned project in the Journal of **Risk and Financial Management** (ESCI-Indexed). The project completed in February, 2021.



## Dr Qaisar Mahmood T.I. Listed as World's Most Influential Scientist and Listed in Top 2% Among all Environmental Scientists Department of Environmental Sciences

Dr Qaisar Mahmood T.I, head of the Environmental Science department of the COMSATS University, Abbottabad campus, has made it to the list of the most influential scientists in the world. Dr Qaisar Mahmood is the only faculty member at COMSATS University, Abbottabad, who has been included in this list. The classification in this regard had been issued by the Stanford University of the US. The report is based on several factors, the most important of which is the power of international scientific publication, the number of scientific citations for research and participation in the review and editing of scientific research. Dr Qaisar Mahmood T.I has previously been awarded prestigious awards like Tamgha-i-Imtiaz, Pakistan Academy of Sciences gold medal in environmental sciences and HEC's Best University Teacher award.

Another milestone is also achieved by Dr Qaisar Mahmood T.I., for being listed among top 2% Environmental Scientists, based on citation and h- index for 2019 globally. Mendeley released the author data set "Updated science-wide author databases of standardized citation indicators". It shows the top 2% of scientists in every field and subfield. Dr Qaisar Mahmood is listed in environmental sciences.

## The Department of Humanities Launched BS English (a four- year BS Degree Program)

The Department of Humanities launched BS English (a four-year Degree Program) in Spring, 2021. The program, being taught by enthusiastic and experienced faculty, aims to develop students' analytical thinking and critical writing skills for research and higher studies. This program will not only enhance students' worldview but it will also provide them with numerous opportunities to explore the literary history, linguistics, and a wide range of trends in English Literature. It will further prepare them for a wide range of jobs in the emerging global market.



## Dignity and Personal Development in a Workplace – Talk by Dr Romana Khan

Department of Environmental Sciences

3 December 2021

Dr Romana Khan gave a talk on dignity and personal development in workplace. Her talk was divided in two parts. Personal Development: A lifetime process for people to recognize their skills and qualities, consider their aims in life and set goals to realize and maximize their potential. Personal development consists of activities that develop a person's capabilities and potential, build human capital, facilitate employability, and enhance quality of life and the realization of dreams and aspirations. The aspects of personal development include mental, social, spiritual, emotional, and physical. The second part of her talk was on



Dignity at workplace: The problems at workplaces arise due to bullying, competitive environment, and harassment. Gender

Discrimination is an attitude or action/decision taken with a bias towards individuals because of their gender. Harassment is unwanted behavior which you find offensive, or which makes you feel intimidated or humiliated. The talk was about how to react and create a friendly work environment.

The talk was very informative, and several students and faculty attended the talk. The session concluded with a note of thanks.



## Hoping for Greener City Department of Environmental Sciences March 2021

In March 2021 the Department of Environmental Sciences successfully completed the event of Tree plantation at our CUI Abbottabad campus. Trees are the only source of producing oxygen in the environment, they help to reduce the level of CO<sub>2</sub>. As we all know that the whole world is facing the problem of global warming and to recover such problem planting trees has become one of the few important options.

The event began with the welcoming of Honorable guest Director COMSATS Prof Dr Imtiaz Ali Khan, who actively participated in this tree plantation ceremony and enthusiastically interacted with students and faculty about the environment, environmental problems, pollution etc. He also advised students and faculty to think differently for society to make positive

changes and to make improvements. He shared his past experiences with students that how he got success during such previous ceremonies and how one can help trees and plants to survive.

After the inspirational words of Director we all moved towards the place where tree plantation took place. The very first tree was planted by Campus Director in university premises and then HOD Dr Qaisar Mahmood T.I. and Chairman Prof. Dr Muhammad Irshad of Environmental Sciences also planted a tree. The total number of trees planted by guests, faculties and students exceeded 50. It was also decided to regularly visit the plantation site to take care of trees.

## Achievements of Dr Syed Afzal Moshadi Shah

It is a matter of great pleasure for the department of Management Sciences, COMSATS Abbottabad campus to announce that Dr Syed Afzal Moshadi Shah has been selected as a Member Editorial Review Board for the international journal of Cyber Behaviour, Psychology and Learning (IJCBPL)-HEC approved PhD Supervisor,



NBDP Approved/Listed Trainer, & SMEDA listed trainer. He is serving as an Assistant Professor in the Department of Management Sciences at COMSATS University Islamabad - Abbottabad Campus since 2008 and Head, Student Startup Business Center (SSBC) since March 2018.

## Live interview on Pakistan Television News for Environmental Specialists

Department of Environmental Sciences

On the occasion of World Environmental Day, Dr Qaisar Mahmood T.I, Head Department of Environmental Sciences, Dr Malik Tahir Hayat and Dr Adnan Ahmed Tahir CUI, Abbottabad Campus were invited on PTV news as environmental specialists. Dr Qaisar Mahmood discussed the environmental issues and their possible solution to cope with these problems. He also appreciated the efforts of the Prime Minister of Pakistan to restore the environment through the 10 Billion Tree Tsunami project. He further emphasized that government should pay more attention to conserve natural resources and there is a need to educate the common people by increasing awareness and concern, education can encourage people to reduce their impact on the environment through more efficient use of energy and water supplies, especially in areas of resource scarcity. Dr Adnan Ahmad Tahir discussed a change in

global or regional climate patterns, in particular a change in Pakistan during the last ten years. He also suggested that government enact the laws to preserve the environment and raise awareness of the risks of climate change. Dr Malik Tahir Hayat highlighted water pollution and its adverse effect on the humans and also suggest some of the possible solutions to reduce the pollution generated by burning fuel and contaminants released by various industries.



## Free Online Training on Business Education and Future Job Trends

29 April 2021

We are once again pleased to share that Dr Syed Afzal Moshadi Shah have conducted a free online training session for BBA Students of University of Lahore on 29 April 2021, on "Business Education and Future Job Trends". The training was attended by more than 70 student and faculty members. The session was

a highly interactive session in which the participants raised many relevant questions. At the end of the session, the participants provided very positive feedback of the training session where the organizers of the university thanked the resource person.



## Dr Syed Afzal Moshadi Shah Attended 30<sup>th</sup> APPE Conference Student Startup Business Center 25-27 February 2021

Dr Syed Afzal Moshadi Shah was granted a full scholarship to attend the APPE's 30th conference held on 25-27 February 2021. The Association for Practical and Professional Ethics (APPE), USA is a comprehensive, international organization dedicated to advancing scholarship, education, and practice in practical and professional ethics. Through its programming and multidisciplinary membership, APPE supports and trains the next generation of ethics faculty and professionals, works to improve ethical conduct in our communities and workplaces, and advances public dialogue in ethics and values. A special virtual celebration of APPE's 30th year was held on 25-27 February 2021.

The conference had numerous sessions on practical and theoretical dimensions of ethics given by the field gurus. A few of the sessions are given below:

- Lisa M. Lee and Rosalyn Berne, "Leveraging Shared Professional Ethics to Develop Joint Engineering and Public Health Solutions for the Next Public Health Crisis" – Panel Discussion
- Author meets Critics: Trevor Hedberg, *The Environmental Impact of Overpopulation: The Ethics of Procreation* (Routledge 2020) Critics: Rivka Weinberg and Christine

Overall

- Wendy Lipworth, Miriam Wiersma, Narcyz Ghinea, and Ian Kerridge, "Addressing Conflicts of Interest across the Professions: A Nonexceptionalist Approach" Yuichi Minemura, Kengo Yoshii, Chiaki Kageyama, Koichi Setoyama, "Analysis of Human Elements Constituting the Organizational Climate that Influences the Decision-Making of Japanese Medical Researchers"
- Alison J. Kerr, Elizabeth A. Luckman, Jarvis Smallfield, and C. K. Gunsalus, "Interdisciplinary is Better than One"
- Gretchen Winter, Joan Dubinsky, and Patricia Werhane, "Shaping Culture through Story Telling: Using Oral Histories from the Trenches of Business Ethics"
- Author meets Critics: Romayne Smith Fullerton and Maggie Patterson, *Murder in Our Midst: Comparing Crime Coverage Ethics in an Age of Globalized News* (Oxford University Press 2021)

The conference was very fruitful for Dr Syed Afzal Moshadi as his research interests also revolve around business ethics. The conference has helped him to keep abreast with the latest developments made in the field and to develop professional connections with the leading gurus in the field.

## Adventure Club Closing Ceremony

29 December 2021

The closing ceremony of Adventure Club for the semester Fall 2021 was held on 29 December 2021 where certificates and shields were distributed among members, faculty members and a shield was given to the distinguished guest Merit Professor Dr Imtiaz Ali Khan, director COMSATS University Islamabad Abbottabad Campus.

Following activities were executed during this semester under the umbrella of Adventure

club.

1. Live Streaming
  - Pak Vs India
  - Pak Vs Australia
2. Track to trail 5
3. Treasure hunt
4. BBQ Night



## SBP Awareness Sessions on Islamic SMEs/ Mera Ghar Mera Pakistan

Student Startup Business Center

14 June 2021

SSBC organized an awareness session on Islamic SME's on 14 June 2021 from 11:30 till 01:30. The session was attended by 100 students. Most of students were the registered students in BBA with Finance specialization.

The students showed a keen interest in the training and asked important and relevant questions. Dr Syed Afzal Moshadi closed the session with a vote of thanks to the trainer, faculty members and students who participated.

## Dr Bibi Saima Zeb Delivered talk on Life Under Water

On 31 October 2021 EYDS in partnership with Philip Morris and Race for Oceans Global conducted a 1-day event to address the contribution of rivers in marine plastic pollution at Balakot's River Kunhar. The event started off with an Awareness session on SDG-14 and plastic pollution in rivers by environment experts. Dr Bibi Saima Zeb delivered awareness

speech LIFE UNDER WATER addressing SDG#14. Students of Environmental Sciences also participated in this activity. After which the youth was activated through cultural sports and women participated in embroidery competition. Around 300 volunteers participated and 450+ kgs of waste was collected.

## Mr Babar Khan Jadoon Participated in International Training Conducted by ANSO-BIDI School

Department of Humanities

5 May 2021

Mr Babar Khan Jadoon, Assistant Professor, Department of Humanities participated in international training conducted by ANSO\_ BIDI School, China held online from 5 May 2021 to 28 July 2021. It was conducted under the Belt & Road International Innovation Development Institute Network and was organized by the Alliance of Science Organization Academy of Science (CEE\_UCAS) in collaboration with COMSATS University Islamabad, Abbottabad Campus. Mr Babar Khan Jadoon is also certified as best model trainee.



## Particulate Matter Emission Control System for Hospital Waste Incineration Process

Department of Environmental Sciences

Hospital waste has become a serious problem for developing countries due to inadequate disposal of medical waste causing serious health issues including hepatitis, AIDS, and other fatal diseases. Handling such hazardous waste by incineration can destroy all pathogens and reduce the toxicity of toxic compounds at high temperatures. One of the major pollutants from the incineration process is particulate matter which is responsible for carrying carcinogenic compounds and toxic heavy metals. To handle such pollutants, an incinerator was designed and manufactured by the Environmental Technology group, Environmental Sciences department COMSATS University Islamabad, Abbottabad campus. This incinerator with pollution control devices were installed at Azam Memorial Hospital Havellian. In this project, main focus area was to control the emission of Condensable Particulate Matters (CFM) and

filterable particulate matter (FPM). Two treatment system were installed, water scrubber and fabric filter, to control CPM and FPM. It was observed that during water scrubbing 54% and during fabric filtration 34% particulate matters were reduced whereas only 16% particulate matter were released into the environment. The FPM found on fabric filter were  $48.38 \text{ mg/m}^3$  and non-filterable particulate matters released into environment were  $24.19 \text{ mg/m}^3$ . Removal of toxic heavy metals were as followed Pb 90%, Fe 80%, Ni 95% and Cu 75%. During water scrubbing most of the CPM were trapped into water. The wastewater produced during this process were containing total solids 27.38 g/L, chemical oxygen demand (COD) 420 mg/L, turbidity 28.43 NTU and pH 2.34. There is still need to improve the filtration process to increase the efficiency from 84% to more than 90%.





## SBP Virtual Training Student Startup Business Center (SSBC)

Student Startup Business Center (SSBC) and the Department of Management Sciences jointly organized a virtual training session on Islamic Banking Operations/Islamic Banking Branch Operations. The training was conducted by NIBAF and sponsored by SBP. A total of 20 students / faculty of Department of Management Sciences attended the said training. The training cost of Rs. 80,000/- was sponsored by SBP.

Detail of the training is given below:

Training 1: FIBO-59 14 June 2021 - Jun 18, 2021

Training 2: IBBO-09 21 June 2021 - Jun 23, 2021.

Trainers profile:

- Mufti Muhammad Muaz Ashraf, Visiting Sharia & Islamic Finance Trainer at NIBAF (State Bank of Pakistan).
- Qazi Abdul Samad, Resident Shariah Board Member (RSBM)
- Muhammad Islam Ahmed, Ex-Senior Joint Director, Head Policy Division, Islamic Banking Department, State Bank of Pakistan

The students were very happy to attend the session as they have learned useful marketable skills as demanded in the industry. The Participants were awarded with certificates of training by NIBAF.

## Funkada Dramatics Team Performed at NUML's Drama Festival

1-3 October

The Funkada dramatics team had performed at the NUML National Drama festival, held from 1st to 3rd October, they performed very well and got nominated for 4 awards i.e.

1. Best actor negative role.

2. Best make up.

3. Best play.

and the best Actor supporting role was awarded to Muhammad Sohaib, Department of Civil Engineering, from fifth semester and team.



## Awareness Seminar on Right to Information (RTI) and Right to Services (RTS)

16 August 2021

A one-day awareness and advocacy seminar was conducted at COMSATS University Islamabad, Abbottabad Campus by the Department of Development Studies in collaboration with the Institute of Management Sciences, Peshawar and the German development agency GIZ on Right to Information and Right to Services as part of the RTI and RTS Champions Program on 16 August 2021. The main target audience of the seminar were the female students of Development Studies Department as well as female faculty and staff from different departments at COMSATS Abbottabad. A group of female students and teachers from Beaconhouse School System Abbottabad also attended and participated in the awareness session. Dr Arif Alam, Head of Department of Development Studies, welcomed the guests and the participants of the seminar. The seminar included several sessions by I.M. Sciences staff Professor Dr Usman Ghani (Joint Director), Dr

Nauman, and Ms Shumaila Tabassum as well as representatives from GIZ Mr Kashif. The sessions included an open discussion forum on the Right to Information and Right to Services, the details of the RTI and RTS and how they can be exercised, especially in the context of female citizens. Interactive practice sessions on the preparation and filing of applications and complaints were demonstrated in detail by the trainers in different sessions. Mr Sajid Khan Jadoon, Chief Commissioner to the KP RTI Commission, graced the event as the guest of honor. The session was concluded by vote of thanks by the worthy Director COMSATS Abbottabad, Professor Dr Imtiaz Ali Khan, who also highlighted the importance of the right to information and services especially for females in our society and encouraged all participants to exercise this right in this regard. Gifts and souvenirs were distributed by the Director COMSATS Abbottabad to the organizers and the guests of the seminar.





## CISCO Training on Entrepreneurship

SSBC and CISCO Academy CUI Abbottabad organized free online training on Entrepreneurship for the students of CUI Abbottabad. The training was offered to more than 300 students of different departments. Following students have completed the CISCO

certification and have earned the certificates. This was a result of the hard work put together by the SSBC team and especially by Mr Zaheer Swati, Assisitant Professor, Department of Management Sciences and Mr Muhammad Shaukat Manager ISP at CISCO - CITC.

First Name	Last Name	Student ID
Shehr	Yar	FA20-BBA-149
Salman	Javed	FA20-BBA-137
Muhammad	Saqib	FA20-BBA-135
Muhammad	Ashfaq Haider	FA20-BBA-133
Sahibzada	Umer Nadeem	FA20-BBA-124
Usman	Ejaz	FA20-BBA-118
Shayan	Ahmed	FA20-BBA-115
Raja	Mashab	FA20-BBA-113
Muhammad	Waleed Bacha	FA20-BBA-111
Hammad	Manzoor	FA20-BBA-100
Haider	Ayub	FA20-BBA-099
Faryal	Shah	FA20-BBA-097
Aliza	Fatima Tariq	FA20-BBA-093
Abdullah	Jadoon	FA20-BBA-089
Uzair	Tufail	FA20-BBA-081
Khawaja	Shayyan Qadir	FA20-BBA-064
Aysha	Nasir	FA20-BBA-061
Mohammad Yaseen	Khattak	FA20-BBA-058
Amina	Najib	FA20-BBA-048
Sualeha	Muratib	FA20-BBA-034
Muhammad	Mustafa Shaham	FA20-BBA-032
Ahmed	Abdullah	FA20-BBA-030
Syed	Sohaib Shah	FA20-BBA-026
Sahibzada	Zaryab Qureshi	FA20-BBA-017
Ghulam	Raza	FA20-BBA-011
Ahsan	Javed	FA20-BBA-010
Rabbya	Tahir	FA20-BBA-006
Arab	shah	FA19-BEC-001

## Project Completed by COMSATS Information Technology Center (CITC)

### 1. CUOnline Student Portal Android App

Android is the leading mobile operating system worldwide, controlling the mobile operating system market with a close to 73 percent share. Keeping the in view the frequent usage of smart phones among students and the need to have their academic data at the fingertips, COMSATS IT Center developed and launched an android app.

An android based mobile app was developed by Mr. Rizwan Abbasi, Software Developer IT Center for the students of COMSATS University Islamabad, Abbottabad Campus. It is a user-friendly app that enhances the learning process of the students and facilitates them.

Here are the main features offered by the app.

- **Student Profile**

Shows the student with his/her name and picture. It also provides further details like father name, total registered courses, current section, and current advisor.

Student profile screen shows a graph that demonstrates the student's attendance percentage course wise.

- **Class Proceedings**

Students can view a list of all the registered courses in the current semester.

Student can view all the attendance of that course.

- **Marks**

Similarly, On marks screen, students can view quiz, assignment, lab, midterm and final marks of each course.

- **Timetable**

Students can view the current semesters timetable.

- **Result**

Students can view the result of the last semester.

- **Notifications**

Student can receive any important message sent by campus as push notification.

### 2. CUI Employees Android App (for Faculty and Officers)

An android based mobile app is developed and launched by Rizwan Abbasi, COMSATS IT Center for the faculty and officers of the campus. Here are the salient features of the app.

- **Profile**

This screen gives users a snapshot of the basic data related to him or her.

- **Attendance**

Daily attendance of the employee is provided here with check in and check out time.

- **Leave History**

All the details about earned and casual leaves are shown here.

- **Notifications**

Important information broadcasted from the campus is received in the app in the form of push notifications.

- **Assigned Courses**

Faculty members can view a list of courses assigned to him or her with the class details.

- **Lectures Overview**

For each course, faculty members can view date wise overview of the lecture with topics.

- **TimeTable**

Faculty member can view timetable of the courses assigned to him or her.

3. **Launch of SSBC Website**

**URL:** <https://ssbc.cuiatd.edu.pk>

CUI, Student Startup Business Centre (SSBC) is established with the support of Higher Education Commission of Pakistan, and the Promotion of Education in Pakistan Foundation, Inc. (USA). The goal of the program is promotion of talented students' entrepreneurship and enhancing their practical learning experience at the Institute. The overarching objective of the Centre is to promote student startup businesses by offering necessary support both in the form of mentoring and initial financial resources through its Startup Entrepreneurship Fund. SSBC will provide a continuous stream of student led businesses and innovations at

CUI.

A website has been developed by Mr Rizwan Abbasi, Software Developer, IT Center for the SSBC Abbottabad campus.

4. **Launch of Campus Website**

**URL:** <https://www.cuiatd.edu.pk>

The campus website required revision and updates. In 2021, the team of CITC comprising of Mr Rizwan Abbasi and Mr Usman Shahzada completed the transition of the website to the new one after the purchase of a complete theme. Ms Saadia Munir, Assistant Registrar facilitated in the transition by providing necessary assistance, the media-related data, and also coordinated with different departments in the provision of the requirements. With this transition, HR section, Procurement offices, admissions, can easily update their information directly to the website.

The main feature of the website is that it can easily be accessible on both android phones, and computers. Furthermore, the complete content management can be easily done by the website moderators.

## Faculty Talk Series

29 April 2021

The Department of Management Sciences initiated a new "Faculty Talk Series" where initially, the Management Sciences faculty was invited to talk to students and faculty on the topic of their choice. Dr Jamil Anwar delivered the first talk of this series. He shared his thoughts on the topic of "Living with a purpose."



## Webinar on Microbial Diversity in Changing Climate Department of Environmental Sciences

A webinar entitled, “Microbial Diversity in Changing Climate” was organized by the Department of Environmental Sciences, CUI, Abbottabad Campus by Ecosystem & Climate Change research group. The organizers included Dr Adnan Ahmed Tahir, Dr Rashid Nazir, Dr Usman Irshad, Dr Akhtar Iqbal and Dr Farhan Hafeez. This webinar was intended to improve our understanding about the microbial community functioning under variable environmental perspective especially climate change scenarios. More than 300 researchers and students registered for this webinar from 5 countries and >150 attended the webinar online. Rector CUI, Prof. Dr Muhammad Tabassam Afzal was the chief guest of the opening ceremony while Meritorious Prof. Dr Imtiaz Ali Khan Director CUI Abbottabad Campus was the chief guest of the closing ceremony.

Addressing the seminar via video link eminent scientists including Dr Kaisa E. Haukka senior scientist department of Microbiology Bio-Center 1 University of Helsinki Finland, Prof. Dr Habib Bokhari Vice-Chancellor Kohsar University, Murree, Dr Kiara Rehakova, Institute of Hydrobiology BC CAS Ceske Budejovice and institute of botany ASCR Trebon Czech Republic, Dr Gulsan Akca department of medical microbiology, Gazi University Ankara Turkey and Dr Farhan Hafeez department of environmental sciences CUI Abbottabad presented their enormous research on the diversity of microorganisms. Talking on the occasion, Dr Qaisar Mahmood T.I., HOD Environmental Sciences, CUI Abbottabad also enlighten the impact of climate change on the microorganisms.



## International Students Cultural Event 5 November 2021

An “International Students Cultural Event” was organized on 5 November 2021 by the International Students Office (ISO). The purpose of the event was to bring all the cultures together and let them show their culture to the local audience. It was a very colorful event where all the students shared their local music,

dance and other cultural elements. The worthy Director in his speech emphasized on the importance of inter-cultural harmony and how different cultures can make the world a more beautiful place.



## Session on Entrepreneurship for Special People of Hazara Region

24 November 2021

COMSATS University Islamabad, Abbottabad Campus conducted a training session on “Entrepreneurship” for the Physically challenged people of the Hazara Division on 24 November 2021. The session was mutually organized by Ms Komal Khan (CEO), Creative Opportunity and Dr Syed Afzal Moshadi Shah, In-Charge Student Startup Business Center (SSBC), COMSATS University Islamabad, Abbottabad Campus. The session was attended by more than 50 physically challenged people. Dr Syed Afzal Moshadi Shah introduced the concept of entrepreneurship to the participants, highlighted its importance, linked it with real-world examples and how it can be beneficial for physically challenged people. The participants were explained how internet technology provides a level field ground to physically challenged individuals. To motivate the participant's video of successful Stephen Hopkins, Nick Vujicic and Peter Hayden

Dinklage were shown. The participants fully enjoyed the session and acknowledged that the session has increased their learning on “Entrepreneurship”. They have also shown a resolve that they will use this learning in their future initiatives. In the closing remarks, Ms. Komal Khan thanked COMSATS and Prof. Dr Imtiaz Ali Khan sb Director COMSATS for facilitating this workshop and giving special care and hospitality. Merit Prof. Dr Imtiaz Ali Khan, Director COMSATS University Islamabad, Abbottabad Campus in his closing remarks encouraged the participants how to live a successful life, shared examples from personal life to boost the participants. He also assured to facilitate special people in every capacity. He also extended his full support to Created Opportunity for every initiative they will take for special people. Souvenirs were presented to Ms. Komal Khan, CEO Creative Opportunity by the Director, CUI Abbottabad Campus.





## “Best Practices” for Student Quality Circles (SQC)

05 November 2021

Dr Syed Afzal Moshadi & Dr Shakir Hafeez acted as judges in the national level event called Student Quality Circles (SQC) for “Best Practices” session held on 05 November 2021 at Modernage School, Abbottabad.



## Webinar on Money Matters

June 01, 2021

Under the invited talk series, a webinar was organized by the Department of Management Sciences on the topic of "Money Matters." The invited speaker Mr. Muhammad Farooq, an MBA, and an engineer is a life coach, a motivational speaker, a corporate trainer, and a professional with 20+ years of Telecoms and

ICT experience from diverse corporates in America, Asia, and the Middle East. He talked about redefining and enhancing our relationship with money and gaining clarity and control of our money vs. our money is controlling us and aligning our faith values with work.

## Digging Deep into Ethical Decision Making: Extending the General Theory of Marketing Ethics

24 December 2021

The 3<sup>rd</sup> International CEO and Social Sciences Congress (CEOSSC) conference is scheduled 24-25 December 2021 in collaboration with Samarkand Branch of Tashkent University of Economics, International Vision University, Alfred Nobel University, International Gorazde University, Nişantaşı University, University of

Prizren, Cyprus West University, Central Asian American University, Mohanlal Sukhadia University, Insec, NCM Publishing and CEO Tekmer. Academicians from more than 30 countries participated the Congress. The congress took place in Alfred Nobel University, Ukraine.

## Success Story! Mr Adnan Karim from Computer Science Department Secured First Position in National Level Cyber Security Competition

Keeping in view the cyber security requirements of the country and future, Ministry of IT and Ignite launched a National level Cyber security Competition to evaluate the talent of the country. There were 5 areas of competition. It is a matter of honor for CUI, Abbottabad Campus in general and Department of Computer Science in particular that a brilliant student Mr Adnan Karim (SP18-BCS-043), of CUI, Abbottabad Abbottabad Campus from BS(CS) program participated in the competition. Competition was held in 3 rounds. Our shining star Mr Adnan Karim participated in “Mobile Device and App Exploitation” category and secured First

position. This is indeed a monumental achievement for the Department of Computer Science and CUI Abbottabad Campus and shall serve as a motivation for competitive environment. Heartfelt congratulations to our shining star Mr Adnan Karim!

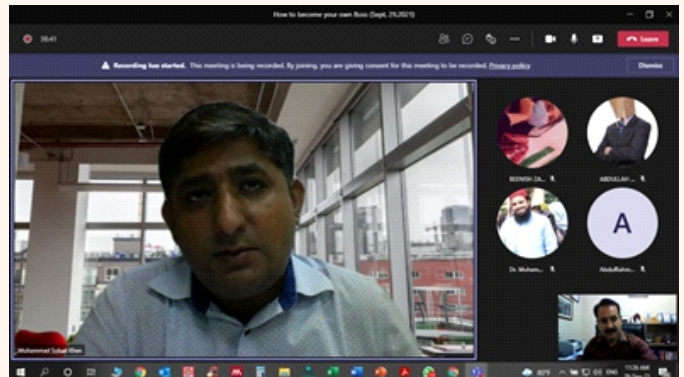
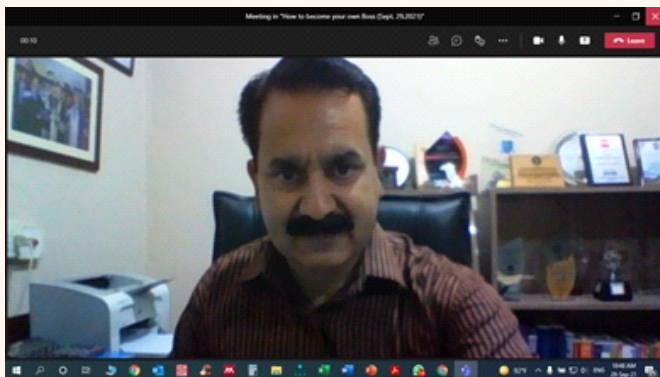


## A Session with SSBC Wah

30 September 2021

Dr Syed Afzal Moshadi a session with SSBC Wah Campus on 30 September 2021. The session was moderated by Dr. Muhammad Sohail Khan, Incharge SSBC CUI Wah. The

session was attended by the students of CUI Wah. The session concluded with a vote of thanks by Dr Sohail Khan to Dr Afzal Moshadi.



## Thalassemia Awareness Event Department of Pharmacy 8 December 2021

Thalassemia awareness event was conducted in COMSATS University Abbottabad. A huge number of faculty and students participated in this gathering. The Director campus Meritorious Prof. Dr Imtiaz Ali Khan and Mr Haroon Tanoli (Coordinator Save Life Thalassemia Children Pakistan [SLTC]) inaugurated the event as chief guest. In opening remarks, the director shed light on the seriousness of this disorder and potential propagation of both types of Alpha and Beta Thalassemia. Honorable director also declared to join hands through the campus in this noble cause especially in donation of blood. Blood donation is one of the important and emergency treatment.

Mr Haroon Tanoli given a briefing upon the attitude of society and requirements to initiate a screening prior to marriage. As this deadly disease makes the life of the family unmanageable. To prevent this the coordinator SLTC insisted to spread awareness about testing and highlighted to have and MoU with CUI-Abbottabad for this purpose.

Both parties agreed to act to reduce and possibly eradicate this dreadful disease. In near future both organizations will join hands for this cause. Dawaa Society of department of Pharmacy CUI-Abbottabad is already providing blood donations to thalassemia center at Ayub Teaching Hospital-Abbottabad.



## Students Visit Pharmaceutical Industry

Department of Pharmacy

30 November 2021

Students of PHM-9A under an advisership of Mr Abdul Shakoor, Department of Pharmacy, visited Bio-Lab Pvt. Ltd. Islamabad on 30 November 2021. Dr Arfat Yameen and Dr Asif Waseem accompanied the students. During this visit students were able to view and experience Pharmaceutical Plant, Pharmaceutical Manufacturing Processes and Quality Control Lab. A visit to Pharmaceutical Industry is an integral part Pharm-D syllabus by Pharmacy Council of Pakistan. After an online mode of teaching for three semesters, this industrial visit was a great opportunity for student to learn the practical viewpoint about subjects of Dosage Form Science, Industrial Pharmacy,

Pharmaceutical Quality Management, as Bio-Lab Pvt. Ltd. Islamabad is one of the best local pharmaceutical industries manufacturing quality pharmaceutical products in various dosage forms.



## Session on Effective Strategies for Business Development Management Sciences

A productive session was conducted by the Department of Management Sciences where the guest speaker Mr. Muhammad Zaheer,

Director Strategy and Business Development, Siemens Canada, briefed the students about effective strategies for business development.





## Medicinal Plants Collection Trip

Department of Pharmacy

4 November 2021

Northern areas of Pakistan are rich habitat of diverse natural sources, especially several important medicinal plants are highly distributed in this area. The study and collection of locally available medicinal plants is an integral part of Doctor of Pharmacy (Pharm-D) syllabus. Several medicinal plants which are widely distributed in Hazara Division were studied in theory courses of Pharmacognosy, however to practically study and explore the medicinal flora of Galiyat region, KP, a medicinal plants collection trip was arranged on 4 November 2021. During this study trip different important medicinal plants were collected by the students of Pharm-D (PHM-3A), from Department of

Pharmacy under the supervision of class teacher Dr Zia Uddin, Assistant Professor Department of Pharmacy, assisted by Hafiz Majid Rasheed, Research Assistant. Before the collection of targeted medicinal plants, the students were properly briefed by concerned class teacher. 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, CUI, Abbottabad Campus. Finally, the herbarium sheets were deposited in the Department of Pharmacy, CUI, Abbottabad Campus.

## BES-III Tour to Hattar Industrial Estate

Department of Environmental Science

Department of Environmental Science COMSATS University Islamabad, Abbottabad Campus always remains on leading position to produce best quality Graduates and Environmentalists. In this context Department has arranged a scientific research tour for the Class BES-3-Environmental Monitoring under the kind supervision of the worthy HOD Prof. Dr Qaisar Mahmood (T.I) and Assistant Prof. Dr BiBi Saima Zeb. In this research tour, both experts guided the students about the true

sampling practices of water, soil and air. First the water samples were collected from down stream of industrial effluent, pH and EC were measured at spot and water samples were preserved for further lab analysis. Soil samples were collected from a field area irrigated by industrial waste water/Municipal Waste water, and samples were packed in PVC bottle for Lab analysis. Air samples were collected near the thermal power station/Biomass and coal fired boilers in Hattar Industrial state. A very high concentration of fine

particulate matters were observed in that area. These kind of research tours increases the practical learning, exposure of graduating students and directing their research interest towards the real time indigenous problem of the local areas of Pakistan. Worthy HoD and Dr BiBi

Saima Zeb promised to provide quality Environmentalists to society, those who can understand the real time problem of society and can accept the challenge to facilitate the society, industries and academia.



## International Maritime Day Department of Environmental Sciences 30 September 2021

Awareness Seminar conducted by National Agriculture Education Accreditation Council (NAEC) for the faculty and students at CUI Abbottabad. The day was celebrated to highlight the significance of the environment and to

promote awareness amongst personnel in proactively pursuing measures focusing on the marine environment. This year's theme was: "Seafarers: at the core of shipping's future"



A close-up, slightly blurred photograph of a desk workspace. In the foreground, a spiral-bound notebook with lined pages is open. A black pen lies horizontally across the notebook. Above the pen, a green paperclip and a green pushpin are placed on the paper. In the background, the keyboard of a silver laptop and a white computer keyboard are visible. The overall lighting is soft and natural, creating a professional and focused atmosphere.

# RESEARCH NEWS

## PhD Defense

### JANUARY TO DECEMBER 2021

Student Name	<b>Ghazal Khurshid</b>
Department	Biotechnology
Supervisor	Dr Raza Ahmad
Date of Defense	16 December 2021
Title of PhD Thesis	Rerouting Photorespiration in C <sub>3</sub> Plants Towards Enhancing Photosynthetic Rate by Using Kinetic Modelling Approach

Student Name	<b>Saira Sajjad</b>
Department	Chemistry
Supervisor	Dr Tariq Mahmood
Date of Defense	6 January 2021
Title of PhD Thesis	Theoretical Investigation on Bonding, Geometrical and Electronic Properties of Transition Metals Clusters and their Complexes

Student Name	<b>Farkhanda Shahid</b>
Department	Chemistry
Supervisor	Dr Bushra Ismail
Date of Defense	4 November 2021
Title of PhD Thesis	Novel Derivatives of Spinel Magnesium Aluminate Nanopowders and their Optical Properties

Student Name	<b>Majid Ali</b>
Department	Chemistry
Supervisor	Dr Umar Farooq
Date of Defense	15 October 2021
Title of PhD Thesis	Synthesis, Inhibition and <i>In-Silico</i> Studies of Carbonic Anhydrase Inhibitors





Student Name	<b>Muhammad Yar</b>
Department	Chemistry
Supervisor	Dr Khurshid Ayub
Date of Defense	22 October 2021
Title of PhD Thesis	Theoretical Studies on Electrochemical Sensing Applications of Nitrogenated Holey Graphene (C <sub>2</sub> N) for Toxic Agents

Student Name	<b>Bibi Saima</b>
Department	Chemistry
Supervisor	Dr Khurshid Ayub
Date of Defense	21 October 2021
Title of PhD Thesis	Theoretical Studies on Physical and Chemical Processes of Pristine and Transition Metal Doped Polyaromatic Hydrocarbon

Student Name	<b>Attiq-ur-Rehman</b>
Department	Chemistry
Supervisor	Dr Asad Muhammad Khan
Date of Defense	3 December 2021
Title of PhD Thesis	Effects of Counterions on Surface Properties of Ionic Surfactants and their Optical and Catalytic Applications

Student Name	<b>Tahir Zaman</b>
Department	Environmental Sciences
Supervisor	Dr Farhan Hafeez
Date of Defense	12 April 2021
Title of PhD Thesis	Ecological Aspects of Nitrogen Cycling in Various Soil Ecosystems of Hazara Region in the Lower Himalaya

Student Name	<b>Maria Sabeen</b>
Department	Environmental Sciences
Supervisor	Dr Qaisar Mehmood T.I.
Date of Defense	12 April 2021
Title of PhD Thesis	Toxicological Assessment and Genetic Variation in Some Selected Crops under Wastewater Irrigation

Student Name	<b>Mahnoor Asif</b>
Department	Environmental Sciences
Supervisor	Dr Arshid Parvez
Date of Defense	22 October 2021
Title of PhD Thesis	Role of Melatonin and PGPR in <i>Spinacia oleracea</i> under As and Cd Stress

Student Name	<b>Muhammad Fawad</b>
Department	Environmental Sciences
Supervisor	Dr Farid Ullah
Date of Defense	3 December 2021
Title of PhD Thesis	Analytical Hierarchy Process and Geospatial Based Site Suitability Analysis for Marble Waste Management

Student Name	<b>Didar Ahmad</b>
Department	Environmental Sciences
Supervisor	Dr Farid Ullah
Date of Defense	4 November 2021
Title of PhD Thesis	Plant Nutrient Dynamics in Soil under Different Land use Systems and Climatic Scenarios of Diamer Division, Gilgit-Baltistan



Student Name	<b>Muhammad Saqib Khan</b>
Department	Environmental Sciences
Supervisor	Dr Muhammad Bilal
Date of Defense	17 December 2021
Title of PhD Thesis	Graphene Quantum Dots Decorated Metal and Nonmetal Doped Nanomaterials for Photocatalysis of Azo Dyes

Student Name	<b>Sayyad Ali</b>
Department	Pharmacy
Supervisor	Dr Izhar Hussain
Date of Defense	15 October 2021
Title of PhD Thesis	The Development and Evaluation of BACE1 Inhibitors for the Treatment of Alzheimer's Disease

Student Name	<b>Taseer Ahmad</b>
Department	Pharmacy
Supervisor	Dr Abdul Jabbar Shah
Date of Defense	17 December 2021
Title of PhD Thesis	Pharmacological Investigation on the Antihypertensive and Cardioprotective Potential of Bergenin, Diosmetin and Juglone in Rat Models

Student Name	<b>Sidra Hassan</b>
Department	Pharmacy
Supervisor	Dr Jamshed Iqbal
Date of Defense	12 November 2021
Title of PhD Thesis	<i>In vitro</i> Evaluation of Anti-cancer Effect of Various Ecto-5'-Nucleotidase Inhibitors

Student Name	<b>Hafiz Misbah-ud-Din Qamar</b>
Department	Pharmacy
Supervisor	Dr Abdul Jabbar Shah
Date of Defense	9 July 2021
Title of PhD Thesis	Investigation on the Antihypertensive Potential and Vascular Reactivity of <i>Rumex acetosa</i> , Cinnamic Acid, <i>Digera muricata</i> and $\beta$ -spinasterol

Student Name	<b>Muhammad Tahir Aqeel</b>
Department	Pharmacy
Supervisor	Dr Nisar-ur-Rahman
Date of Defense	13 April 2021
Title of PhD Thesis	Computational Studies and Pharmacological Investigation of Newly Synthesized Phenolic Derivatives for their Therapeutic Potential in Cardiovascular Diseases

Student Name	<b>Hammad Ahmad</b>
Department	Pharmacy
Supervisor	Dr Abdul Jabbar Shah
Date of Defense	12 November 2021
Title of PhD Thesis	Assessing <i>In Silico</i> Predicted Compounds against Post-Traumatic Stress Disorder: Targeting Endogenous Cannabinoid System

Student Name	<b>Saira Afzal</b>
Department	Pharmacy
Supervisor	Dr Jamshed Iqbal
Date of Defense	5 November 2021
Title of PhD Thesis	Synthesis, <i>In vitro</i> Evaluation and Molecular Docking Studies of Selective Inhibitors of Human NTPDase 3: Role in Type 2 Diabetes



## PICTURE GALLERY PhD Defense





## PICTURE GALLERY PhD Defense



## Patent Granted to Dr Huma Ajab Department of Chemistry

It is a matter of great honor for Chemistry Department that one of faculty member Dr Huma Ajab (Assist. Professor) have been granted an international patent entitled "*Electrodes For Detecting Heavy Metal Ions and Method of Synthesizing The Same*", Malaysian Patent (Patent No. : MY-179902-A, Page PI 2016704233, 2020). Micro-analytical based sensors with complex biomatrices are of increasing interest in health-care /environmental sectors because of their good sensitivities, selectiveness and simplicity. The reported invention is about novel fabricated sensor (Cellulose-HAp-CME) that could be advantageous as a sensing platform with favorable electrochemical characteristics for robust, in situ and rapid environmental/clinical analyses of heavy metal ions. Heavy metal contamination is one of the main sources of environmental pollution and among these; Lead is one of the most hazardous pollutants with strong chemical toxicity effect even at low concentration to human and animal organs. Therefore, its accurate measurement is important. The present invention achieves fast, accurate and sensitive evaluation of ultra-trace amounts of heavy metal ions in simple aqueous



medium like water, and in complex media like blood serum and industrial effluents like POME. The preparation of the sensor is simple without losing the quality of an extraordinary performance in terms of high sensitivity, low detection limit, strong anti-interferences competency, long lifetime, high rigidity and mechanical testability with a sensing surface that can be renewed by a simple polishing procedure.

## Dr Maria Siddique's Online Guest Lecture in University of Nottingham, Malaysia

16 April 2021

Dr Maria Siddique from the department of environmental sciences was invited as a guest lecture (online) at the Department of Chemical and Environmental Engineering, Faculty of Science and Engineering, University of Nottingham, Malaysia Campus, Malaysia. She talked about the Wastewater Treatment by Green Synthesized Ag-NP and its Composites with Chitosan" on 16 April 2021.



## Patent Awarded to Dr Khalid Rauf and Dr Yasser MSA Al Kaharaman Department of Pharmacy

Invention titled “Novel Ferrocenyl derived Aroyl Thioureas and Thereof” was Patented Locally in Pakistan in January 2021. The newly Patented drug is novel in its structural class and has been developed in the Neuropharmacology Research Laboratory, Department of Pharmacy CUI Abbottabad in close collaboration with Department of Chemistry Quaid e Azam University, as a Potential new remedy for anxiety, and epilepsy. The patent has been tested and found safe in a broad range of isomorphous and homologous models of anxiety and epilepsy. This new patent is second

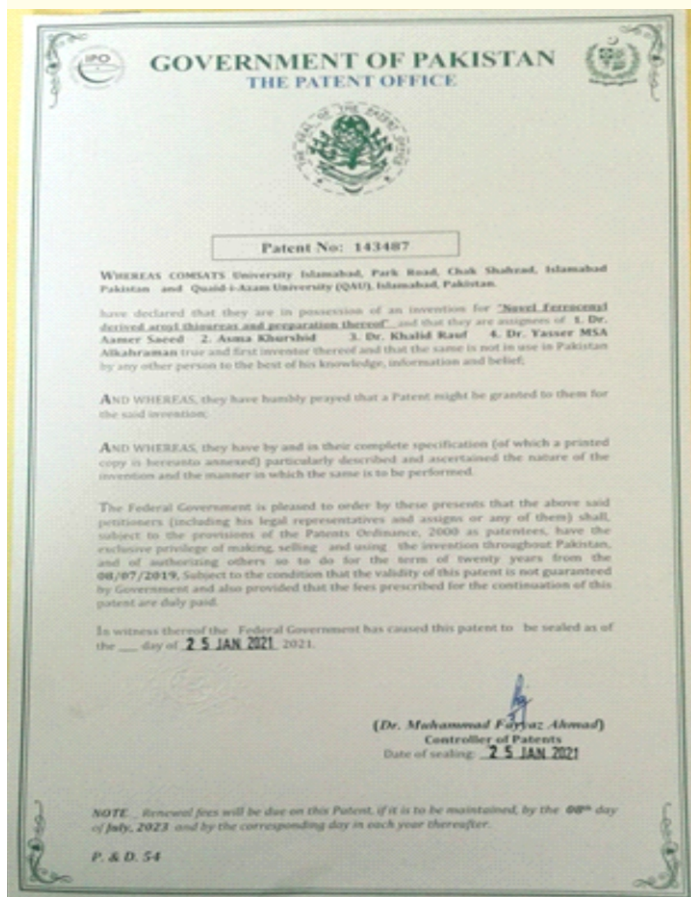
in the series and the inventors have an earlier US patent for alcohol addiction also.

### Inventors

- Dr Khalid Rauf Associate Professor Department of Pharmacy, CUI Abbottabad
- Dr Yasser MSA Al Kaharaman, Assistant Professor Department of Pharmacy CUI Abbottabad

Dr Amir Saeed, Professor Department of Chemistry, Quaid e Azam University

Dr Asma Khurshid Ph.D., Department of Chemistry, Quaid e Azam University





## Research Productivity Awards 2020-21 4-5 October 2021

The Office of the Graduate Studies of COMSATS University Islamabad (CUI), Abbottabad campus, endeavors to make research a top priority for sustainable economic growth. Under the chairmanship of Director, CUI Abbottabad two days extensive meeting was held on October 4-5, 2021, followed by award ceremony organized by the Office of Graduate Studies – CUI, Abbottabad Campus. The event was held at main Auditorium. Chairman Campus Graduate Program Committee (CGPC) Dr Muhammad Maroof Shah and Assistant Program Officer – Ms Sehrish Wali along with their team hosted the event. Honorable faculty from all the departments attended the meeting. Worthy Director warmly welcomed all the participants and proceeded further while sharing the significance of the meeting. Speaking on the occasion, Merit Professor Dr Imtiaz Ali, Director, COMSATS University, Abbottabad, stressed the need for promoting research culture in educational institutions. He called for making our education system student-centered so that objective-based education may produce active,

functional, and productive individuals in society. The director also highlighted the ongoing research projects in the COMSATS University in Abbottabad and commended the faculty for the efforts in developing the university in the field of research and encouraging the development of entrepreneurial and innovative research culture on the campus. Dr Imtiaz Ali professed that the COMSATS University had instilled in its students all the traits needed to shape and govern every single day of their professional life. Chairman CGPC, gave 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.

A ceremony was arranged on the Day 2 of the event in which Certificates of Research Productivity Award (RPA) 2017 were distributed. Moreover, Certificates & Cash Prize for 2020-2021 were also distributed. Ms Saadia Munir, Assistant Registrar, served as stage secretary on the occasion.



## Research Award Winners 2020-21 4-5 October 2021



**Dr Junaid Shuja**  
Computer Sciences

Best Young Researcher



**Dr Tariq Mahmood**  
Chemistry

Best Researcher of the Campus



**M. Izhar Shah**  
Civil Engineering

Rising Star of the Year

## Best Researcher in Departments



**Dr Asim Afridi**

Management Sciences

**Dr Muhammad Sohail**

Pharmacy



**Dr Zakir Hussain**

Mathematics



**Dr Qaiser Mahmood T.I.**

Environmental Sciences





**Dr Muhammad Usman Shahid**  
Computer Science

**Dr Bahadar Nawab**  
Development Studies



**Dr Sabaz Ali Khan**  
Biotechnology

**Dr Hazrat Ali**  
Electrical and Computer Engineering



## Project through Collaboration



**Dr Iftikhar Zeb**  
Environmental Sciences

**Dr Syed Afzal Moshadi Shah**  
Management Sciences



**Dr Muhammad Bilal**  
Environmental Sciences

**Dr Rashid Nazir**  
Environmental Sciences



## Online International Conference on Classical and Constructive Non-Associative Algebraic Structures

### Department of Mathematics

30 June to 2 July 2021

Department of Mathematics organized an Online International Conference on Classical and Constructive Non-Associative Algebraic Structures: Foundations and Structures on 30 June to 2 July 2021. In the memory of Professor Nebojsa Stevanovic (1962-2009). The organizers of the conference were Melanija Mitrovic, Madad Khan, Norbert Hounkouno, and Mujahid Abbass. The basic aim of holding such conferences is to boost the understanding of mathematics and to provide an opportunity to working mathematicians to exchange ideas with their researchers at the international level. It provides an inspiring opportunity to students for meeting with experts from various countries in a variety of branches of mathematics. Holding online conferences is one the best way for interactions with researchers in the current scenario of covid19 where a researcher can interact with colleagues from all over the world from their offices and homes.

In this conference, the world-leading mathematician were keynote speakers and invited speakers from USA, UK, Sweden, Australia, France, Greece, Estonia, Serbia,

Thailand, Turkey, Philippines, Afrika, Korea, China, Saudi Arabia, Pakistan, India and Egypt presented their recent research contributions. There were 7 speakers from COMSATS University Islamabad, Abbottabad Campus among them were Dr Talat, Dr Madad Khan and Dr Saima Anis. The conference provided an opportunity to interact with others and share their ideas. Moreover, the conference provided opportunities for joint collaborative research work, especially those who are beginners in research. 48 speakers from 21 countries delivered their talks and around 200 participants attended the conference. Moreover, the organizers decided that they will arrange such international conferences online and physically in the future too. The organizers are thankful to all speakers, participants, the team from the University of Nis, (provided technical support of Zoom), Director COMSATS, Abbottabad, VC GC University Lahore, rector University of Nis, Serbia, Professor Norber, Binin and Jelena Stevanovic, faculty of Mechanical Engineering, University of Nis, for their valuable time, interest and making our conference successful.

### Research Collaboration

With great pleasure, we would like to share that Dr Syed Afzal Moshadi Shah have earned a "research collaboration" with Universiti Sains Malaysia. The project aims to develop a

"Sustainability index for online/distance learning". It is funded by Ministry of Higher Education, Malaysia for an estimated budget of RM 57,200 (2million PKR).

## Dr Taous Khan Awarded a Patent by Government of Pakistan Department of Pharmacy

Prof. Dr Taous Khan, Chairman, Department of Pharmacy in collaboration with Dr Fazli Wahid and Ms. Naveera Naeem from Department of Biotechnology has designed a pharmaceutical product consisting of natural components for effective healing of burn wounds. They have been awarded a patent for this invention by the Government of Pakistan, patent no: 143734, titled as **“Wound Healing Formulation Comprising Chitosan and Smectite Clay”**. It is a biopolymer-based dressing having skin regeneration properties. The properties of this dressing are promising in



comparison with the products available for burn wound healing. It is confirmed with experimentation that the product is easy to apply at wound site as well as on body contours, can provide antimicrobial properties, and most importantly; stimulate the growth factors essential for wound healing. Moreover, the components of products are widely available, the dressing is easy to manufacture, and the process is economical as no huge machinery is required. The availability of this product will help in effective healing of burn wounds and thus will lessen the burdens of patients and the hospitals.

## Dr Faridullah Wins Project Worth 20,000 Euros Department of Environmental Sciences

The project entitled as "Feasibility Study for Provision of Safe Drinking Water through Water Conservation (SDWC)" with Nigeria and Egypt has been approved by the D-8 member countries secretariat in Istanbul, Turkey, through the Ministry of Foreign Affairs. The approved funds are 20,000 Euros (approximately 3.7 Million PKR.). The project activities will include GIS-



based mapping of the study area (one of the sectors of Islamabad) and water conservation activities. Dr Faridullah, HoD Environmental Sciences, is one of the Co-overseers in the said project. He will provide support in project activities along with other Co-overseers. PCRWR (Director and Deputy Director) and CDA (Director Water Supply) are also on board for project activities.

# RESEARCH PUBLICATIONS

JANUARY TO DECEMBER 2021

Department Name	Accepted Papers	Published Papers
Pharmacy	6	35
ECE	46	46
Civil	42	42
DS	5	27
Mgmt Sc	6	22
Humanities	18	18
ERS	2	9
CS	7	49
Chemistry	12	120
BTY	25	25
ES	14	89
Math	12	67



## Dr Farhan Hafeez Wins NRPJ Project Department of Environmental Sciences

Dr Farhan Hafeez Assistant Professor at Department of Environmental Sciences is awarded the NRPJ project of HEC entitled 'Impact of Global Climatic Changes and Human Perturbations on Resilience of Nitrogen Cycling Ecosystem Functioning in Lower Himalayas' worth Rs. 8329200/-



## Department of Mathematics

1. Dr Madad Khan gave two talks in 2021 International Forum on the Frontier of Uncertainty Theory, arranged by Xi'an Polytechnic University on 14-15 May 2021.

2. Dr Madad Khan gave talk on "Decomposition of an Abel-Grassmann's groupoid" in international Conference Mathematics for Social Sciences & Arts-Algebraic Modeling on

24-26 May organized by University of Serbia.

3. Dr Saima Anis presented a paper on the topic "On some classes of Abel-Grassmann's Groupoids" in the international Conference 2021 International Forum on the Frontier of Uncertainty Theory, arranged by Xi'an Polytechnic University, China on 14-15 May 2021.

## PhD Scholar Visited University of Twente, Netherlands

Syed Ahmed Shah, PhD scholar in Department of Pharmacy, COMSATS University Islamabad, Abbottabad Campus, under the supervision of Dr Muhammad Sohail was awarded with highly regarded HEC-IRSIP fellowship for the potential research activities at top universities worldwide. The work was carried out on the research project "Biopolymer based enzymatically crosslinked in-situ hydrogel for wound tissue regeneration" in



the Department of Developmental Bioengineering, Faculty of Science and Technology, University of Twente, Netherlands under the supervision of Prof. Dr Marcel Karperien (Chairperson, DBE). The national and international research exposure gave him the solid scientific foundation the scholar needed for grooming of good academic writing that is essential for scientific publications.

## Work on Waste Management & Pollution Control

### Department of Chemistry

The MS project work of the student Ms Rimsha Rubab working under the supervision of Associate Prof. Dr Asad M. Khan was published in a prestigious (W category by HEC) journal of "Colloids and Surfaces A" (<https://doi.org/10.1016/j.colsurfa.2021.126253>). This work reports a recyclable, efficient adsorbent with good efficiency for the removal of dye waste from water and henceforth is a contribution to the rising need of materials needed for dye waste management. Pakistan is well-known for its textile products where dyes are extensively used and therefore produce a significant amount dye waste. With time, the requirements for water recycling is on rise due to the scarcity of water in Pakistan. According to an OpEd news report in a leading daily of Dawn (<https://www.dawn.com/news/1593187>), Pakistan will be the most water-stressed country

by 2025, which makes it even more important to value our water resource. Previously, Dr Khan and his group reported that an ionic surfactant can be put to work for the modification of the surface of silica, a highly porous adsorbent and consequently for selective removal of different ionic dyes (Journal of Molecular Liquids, Volume 274, 15 January 2019, Pages 673-680). Later, his Ph.D. student, Mr Attiq ur Rehman reported the use of ionic surfactant with metal counter ions for the synthesis of  $\text{SiO}_2$  – transition metal composites for the catalytic conversion of toxic target into a less toxic chemical (journal of "Colloids and Surfaces A", Volume 571, 20 June 2019, Pages 80-85). However, the current work is different in many ways e.g., the use of economical precursors for the synthesis of  $\text{SiO}_2$  composite with NiO and using transition metal oxides for the modification of Silica surface.

## Oral Presentation in One Day International Conference on Energy, Water, and Environment

### Department of Environmental Sciences

31 March 2021

Oral presentation titled 'Study On The Potential of Waste To Energy Technological Application at Selected Tourist Destination of KPK Pakistan' by MS student Ms Saira Kanwal supervised by Dr Romana Khan at one-day International Conference on Energy, Water, and Environment

(ICEWE-2021) on 31 March 2021, organized by the Department of Mechanical, Mechatronics, and Manufacturing Engineering (KSK) of the University of Engineering and Technology Lahore, Pakistan.



## Who is New

### Department of Chemistry Gets a New Chairman

Prof. Dr Umar Farooq (HoD) took charge as Chairman, Department of Chemistry at CUI Abbottabad Campus on 7 April 2021



### Department of Civil Engineering Gets a New Chairman

Dr Tahir Ali Akbar, Associate Professor Civil Engineering took charge as Chairman Civil Engineering at CUI Abbottabad Campus.



# FAREWELLS

## JANUARY TO DECEMBER 2021

03/07/2008 TO 16/12/2021

Humanities



**Dr Muhammad Mushtaq Khan**

Professor

01/07/2012 TO 31/12/2021

Administration



**Muhammad Azam**

Sanitary Worker

# OBITUARY



**Yasir Rehman**

**Senior Assistant**

**Administration**

**26/01/2012 to 03/04/2021**

**Matloob**

**Sanitary Worker**

**Administration**

**19/01/2010 TO 06/12/2021**



# International Students Cultural Event

5 November 2021



# Breast Cancer Awareness Day

25 October 2021



