



BUITEMS

QUALITY & EXCELLENCE IN EDUCATION



4th Quarter of 2021

NewsLetter

vol 101

Our Vision

To be among the leading universities of the world - accessible to all, imparting quality education and promoting cutting edge research.

Mission Statement

At **BUIITEMS**, we are committed to providing quality education with focus on research and to equip students with the art of living as productive members of society, contributing to the socio-economic uplift of Pakistan in general, and Balochistan in particular.

Our Goals

- ◆ To provide outstanding academic programs that further strengthen our performance, pre-eminence and efficiency.
- ◆ To provide an excellent teaching and learning environment to students to reach a level that matches the atmosphere prevailing at best universities in the world.
- ◆ To raise revenues from partnerships, research grants and technology transfer while strengthening our ability to more effectively invest and allocate resources for education.

Our Core Values

- Accountability:** We are committed stewards of the human, fiscal and physical resources entrusted to us.
- Diversity :** We recognize that diversity leads to excellence, enhancing our teaching, scholarship and service as well as our ability to respect and interact with people.
- Integrity :** We practice honesty, truth and integrity in all that we do.
- Respect:** We treat each other with civility, dignity and respect.
- Social responsibility:** We contribute to intellectual, cultural, spiritual and economic well-being of the society.

CONTENTS

◆ The 17th Convocation	06
◆ International Conference on Computing, Electronics and Electrical Engineering ICE CUBE 2021	08
◆ Ehsaas Certificate Distribution Ceremony	10
◆ BUIITEMS Job Fair 2021	10
◆ 10th Meeting of BUIITEMS Senate	11
◆ Field Visit of Department of Biotechnology	12
◆ Celebration of BUIITEMS 19th Anniversary	13
◆ Local Challenge Fund Roadshow	13
◆ Youth & Sustainable Development Goals	14
◆ Developing Balochistan Youth Policy	14
◆ 4th Markhor Mathematics Competition Prize Distribution Ceremony	15
◆ World Mental Health Day 2021	15
◆ Workshop on Faculty Development Entrepreneurship	16
◆ Quality Education: Lifelong Learning Opportunities for Youth through SDGs	16
◆ Mining Engineering Capacity Building Series: Seminar 1	17
◆ Screening of TV News Bulletin	17
◆ 1st Meeting of Industrial Advisory Board (Department of Geological Engineering)	18
◆ Industrial Visit Report	18
◆ Prospects and Challenges of the PMDA Bill	19
◆ Welcome and Farewell Party	19
◆ Talented Earth Organization (TEO) Scholarship Cheques	19
◆ Farewell and Welcome Party	20
◆ Honour for BUIITEMS	20
◆ ORIC Steering Committee Meeting	20
◆ China Study Center (CSC) Stall at ICE CUBE Conference	21
◆ Conference on Robotics & Automation in Industry (ICRAI 2021)	21
◆ Lab2 Market Industrial Exhibition	22
◆ UR5 Robot Training at NUST	22
◆ One day CPD Program “Machine Learning using Python”	23
◆ One Day Awareness Session on Collection of BRA Taxes through Alternate Delivery Channels (ADCs)	23
◆ Scottish Scholarship for Young Women	24
◆ MS Completion of Department of Physics	24

CONTENTS

◆ Pakistan Engineering Council (PEC) Cheque Distribution Ceremony	25
◆ 7th Inter-Departmental Scrabble Tournament	25
◆ 16th Inter-Departmental Chess Tournament	25
◆ All Pakistan HEC Inter-Varsity Badminton (Women) Championship	26
◆ Workshop on Robotics and Computer Vision (RCV'21) at UET	26
◆ 1st Industrial Exhibition at MUST Azad Kashmir	26
◆ 4th Inter-Faculty Football Tournament	27
◆ Orientation Session of Chinese Language Course	27
◆ Signing LoU between National Curriculum Council (NCC) and BUIITEMS	27
◆ 56th meeting of Human Resource Development Committee (HRDC)	28
◆ National Curriculum Review Committee Meeting	28
◆ Honour for BUIITEMS	28
◆ 5th Meeting of Board of Studies (Department of Geological Engineering)	29
◆ HEC Kamayab Jawan Sports Drive at Islamabad	29
◆ Orientation Session (Faculty of Basic Sciences)	29
◆ Orientation Session (Faculty of Social Sciences & Humanities)	30
◆ A Brighter Tomorrow	30
◆ Workshop on “Resume / CV Writing”	30
◆ Visit of Provincial Assembly & Meeting with Public Accounts Committee	31
◆ Research for Social Transformation and Advancement (RASTA)	31
◆ 1 UW-POFs Joint Conference on Academia's Collaboration with Industrial Organizations	31
◆ Workshop on “Job Interviewing Skills”	32
◆ Roundtable Discussion on the Single National Curriculum	32
◆ Role of Basic Sciences in the Economic Growth of the Society	33
◆ Study Tour of Department of Geological Engineering	33
◆ HAWKS Youth Vision	33
◆ DICE-AFS 2021 MNSUA, Multan	34
◆ Farewell to Ex-Pro VC and Welcome to the New Pro VC	34
◆ Professional Skills Development Training Program	35
◆ Building Social Stability through Education	35

Editorial

Two years after the coronavirus pandemic gripped the world, the masks are coming off. Workers are back in offices, students are back in classrooms, and restaurants are open again. A growing number of people are ready to move on.

There is no going back to “before the pandemic” as students and teachers return to campus. As Higher education instructors and leaders we must take what we’ve learned in terms of student engagement and accessibility and incorporate them into our course design and lecture.

Moving away from what no longer serves instruction and learning including strategies, curriculum, instructional practice, or old ways of thinking. The future is based on a self-sustaining culture of innovation and change: one that will promote inclusiveness at all levels. The future has transitioned into hybrid- physical and online learning.

The pandemic has been the largest disruption to education in history, and the enormity of the change was bewildering for many. Disruption is an opportunity for innovation. While the pandemic exposed weaknesses in our structure, systems, and practice, we need to form a narrative for thriving rather than surviving only. This way we may be more willing to accept change and focus more on learning.

BUISTEMS family learnt many positive lessons from the pandemic. Instructors and students developed resilience, determination, grit, patience, and hope. The post-pandemic on-campus activities offer an opportunity to create a NEW normal. Staying open to innovation and continuous improvement is important to creating an equitable ecosystem where students and faculty thrive.

The 17th Convocation

Reported by: Hameeda Aslam

The convocation ceremony is a day devoted to celebrating an important point in students' lives. BUIITEMS conducted its 17th Convocation inviting the graduates of the 16th virtual convocation ceremony as well on January 15, 2022, at Arfa Kareem Expo Center, Takatu Campus BUIITEMS. The ceremony started with entering of the academic procession into the convocation hall along with the chief guests, Governor & Chancellor BUIITEMS, Syed Zahoor Ahmed Agha, Vice-Chancellor, Ahmed Farooq Bazai, Pro VC Dr. Abdul Rehman Khan, members of Syndicate, and other esteemed dignitaries. The ceremony started by pledging honour to our country by singing the national anthem.



The Chancellor then declared the convocation formally open followed by recitation of the Holy Quran by Qari Izzat Ullah. As the tradition, it was followed by Naat e Rasul (PBUH) by Mr. Muhammad Adnan.

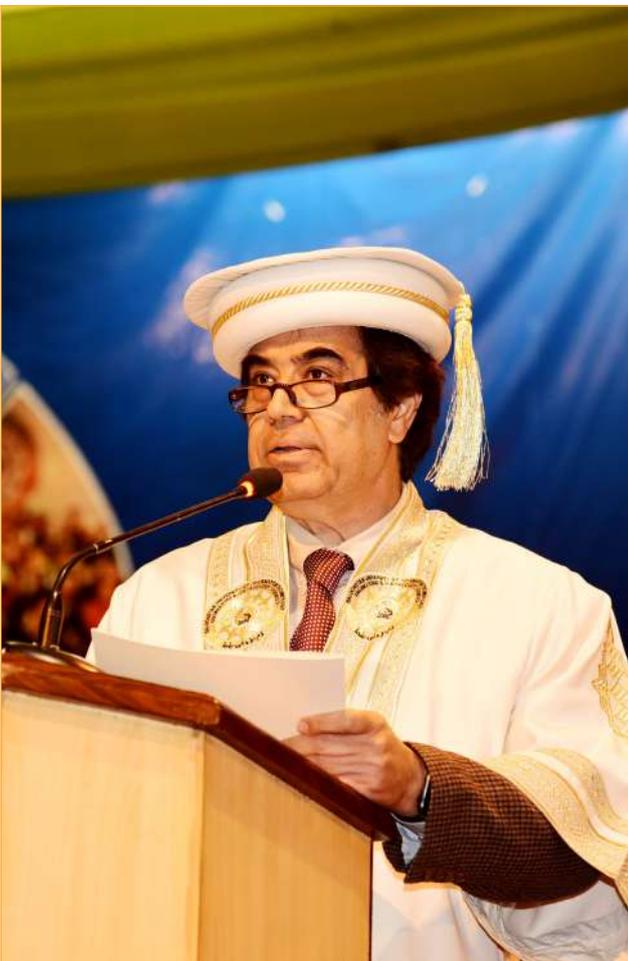
The welcome address was delivered by the worthy Vice-Chancellor Mr. Ahmed Farooq Bazai (SI). The worthy Vice Chancellor congratulated the passing out students and urged them to stand tall in the face of any challenge. He further stressed on them to honestly perform their role as the ambassadors of the University. The conferment of degrees announcement followed by the presentation of the PhD, MS, MBA, and BS graduands to the Vice-Chancellor by the Pro VC Dr. Abdul Rehman Khan.

The high achiever and outstanding graduates were then awarded the Badges of Honour and Gold Medals followed by a group photo with the chief guests, Chancellor Syed Zahoor Ahmed Agha, Vice-Chancellor, Mr. Ahmed Farooq Bazai & Pro VC, Dr. Abdul Rehman Khan. This was followed by a motivational speech by Governor Balochistan, Syed Zahoor Ahmed Agha who urged the students to transform the theory into practical use for the benefit and advantage of the society.

It is our tradition to bow our heads in front of Allah to express our gratitude and for His bountiful blessings by collectively performing Du'a with Professor Arshad Yameen.

The Convocation is then declared closed by the worthy Chancellor. This year a total of 850 (excluding the graduates of 16th Convocation) graduates were awarded degrees in different degree programs. BUIITEMS family wished a wonderful life journey to the graduates filled with success and learning. The graduation ceremony ended with a joy that is sure to inspire the students to achieve great heights.





International Conference on Computing, Electronics and Electrical Engineering ICE CUBE 2021

Reported by: Dr. Bushra Naeem

The 3rd International Conference on Computing, Electronics, and Electrical Engineering (ICE Cube 2021) was held on October 26-27, 2021 at the BUIITEMS Quetta. The two-day conference was focused on the promotion of digitization and technologies and was attended by several notables, researchers, and academicians from all over Pakistan.

The conference was sponsored by the European Union Delegation to Pakistan, Defense Housing Authority, Quetta as the chief partners and technically co-sponsored by the IEEE Karachi section. ICE Cube conference also ensured partnership with the relevant industry stakeholders including MAPLE solar solutions, Pakistan Telecommunication Company Limited, United Nations Development Program, ECO Science Foundation, and Asian Council of Science Editors.



Adapting to the needs of the world, the conference offered physical and virtual participation to the speakers, authors, and attendees. Having participants from over 18 countries, the instigating conference was dedicated to recent research trends alongside sustainable technologies. The conference was streamed live on social media reaching thousands of research communities online. The forum was encompassed multiple research streams about computing, electronic and electrical engineering which included Security and Privacy, Information Systems and Services, Communication Theory and Systems, Network and Distributed Systems, Computing and Intelligent Systems, Digital Signal Processing, Engineering and Technology Management, Electrical Engineering, Electronic Devices, Circuit Design and Applications, and Sustainable Development & Society.



The third ICE Cube conference involved very fascinating keynotes. The conference broadcasted a valuable presentation about opportunities available for Pakistan from digitalization, which was presented by Her Excellency, Ms. Androulla Kaminara, the ambassador of the European Union to Pakistan.

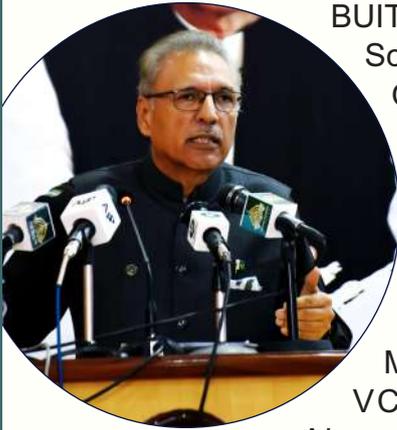
Furthermore, Dr. Faisal F. Khan, who is Assistant Professor of Bioengineering at the University of Engineering and Applied Sciences, Swat, delivered a talk about the wonders which can be accomplished by incorporating technology in biology. In addition to that, Professor Börösök from Kassal University Germany, presented on Future-Oriented Cyber-Physical Safety systems-on-chip live from Germany while Professor Draheim from Tallinn University of Technology, Estonia, talked about the Block chain with perspective on Money.

Setting high academic standards, the conference accepted less than 30% of high-quality research papers out of about 160 submissions. The two-day conference lightened the entire research community of Balochistan with the hope of recovery and opportunity after the challenging times of the epidemic. The conference was concluded on the evening of 27th October with the closing remarks by the Vice-Chancellor BUIITEMS, Ahmed Farooq Bazai (S.I).



Ehsaas Certificate Distribution Ceremony

Reported by: Nausheen Sabir



BUIITEMS in collaboration with BISP hosted the Ehsaas Undergraduate Scholarship certificate dissemination ceremony on November 16, 2021, at Orange Hall Takatu Campus. The event themed around, Ehsaas Scholarship certificate dispersion and Ehsaas diverse ventures. The chief guest of the event was the honourable President of Pakistan, Mr. Arif Alvi

The President along with the Chancellor BUIITEMS, Mr. Syed Zahoor Agha and VC BUIITEMS, Mr. Farooq Ahmed Bazai (S.I) distributed certificates to the Ehsaas scholarship holders of BUIITEMS and Sardar Bahadur Khan Women University (SBK).



BUIITEMS Job Fair 2021

Reported by: Ali Zain Ul Abidin

BUIITEMS 4th Career and Job fair was successfully held on December 31, 2021 in collaboration with UNHCR and Atlas Honda. The chief guest of the event Governor Balochistan, Syed Zahoor Ahmad Agha and VC BUIITEMS, Ahmed Farooq Bazai (SI) inaugurated the event. The theme of the event was "Network4Success", 4500 Students and 75 potential employers and companies participated in the event.

Career and Job Fair is intended to strengthen the relationship of industry and academia to bridge the skills gap, enhance employability skills, provide decent work opportunities,

address employers' recruitment needs and ultimately contribute to the sustainable economic development needs of the region. BUIITEMS intend to organize career and job fair to facilitate the youth of Balochistan for finding better and more diverse career opportunities and to ensure the contribution of youth in economic development.

The chief guest of the event Governor Balochistan, Syed Zahoor Ahmad Agha and VC BUIITEMS, Ahmed Farooq Bazai (SI) inaugurated the event. They visited all the employers' stalls, explored future collaborations with all participating employers.



10th Meeting of BUIITEMS Senate

Reported by: Mohammad Yaseen

The tenth (10th) meeting of the Senate of Balochistan University of Information Technology, Engineering, and Management Sciences (BUIITEMS), Quetta was held on December 03, 2021, under the Chairmanship of Syed Zahoor Ahmed Agha, Honorable Governor Balochistan/Chancellor BUIITEMS at Takatu Campus BUIITEMS.

The following attended the meeting: -

- ◆ **Mr. Ahmed Farooq Bazai,**
Vice-Chancellor BUIITEMS.
Chairman
- ◆ **Dr. Anjum Pervaiz,**
Ex-Registrar, Sardar Bahadur Khan
Women's University (SBKWU), Quetta
Member
- ◆ **Prof. Dr. Sarosh Hashmat Lodhi,**
Vice-Chancellor, NED University of Engineering
and Technology, Karachi
Member
- ◆ **Mr. Abdul Nasir Dotani,**
Principal Secretary to the
Honorable Governor Balochistan
Member
- ◆ **Ms. Raheela Hameed Khan Durrani,**
Former Speaker of Provincial Assembly Balochistan.
(Attended the meeting online)
Member
- ◆ **Dr. Muhammad Aslam,**
Rector, University of Management and
Technology, Lahore.
(Attended the meeting online)
Member
- ◆ **Mr. Asghar Khan Achakzai,**
Member Provincial Assembly,
Government of Balochistan.
Member
- ◆ **Qazi Maqbool Ahmed,**
Additional Director (Retired), CNS/APS,
Civil Aviation
Member
- ◆ **Dr. Bashir Ahmed Bungalzai,**
Secretary, Colleges, Higher & Technical Education,
Government of Balochistan
Member
- ◆ **Dr. Masoom Kasi,**
Principal/Professor, Quetta Institute of
Medical Sciences (QIMS), Quetta Cantt.
Member
- ◆ **Dr. Jamal Shah,**
Director General (Retired) Pakistan National Council
of the Arts, Islamabad
Member
- ◆ **Dr. Zafar Baloch,**
Associate Professor, Faculty of Engineering,
BUIITEMS
Member
- ◆ **Dr. Bushra Naeem,**
Associate Professor, Faculty of
Information and Communication
Technology, BUIITEMS
Member
- ◆ **Syed Dara Shikoh Amir,**
Director, Quality Enhancement &
Accreditation, BUIITEMS
Non-voting Member
- ◆ **Dr. Anayatullah,**
Director ORIC,
BUIITEMS
Non-voting Member
- ◆ **Mr. Jamal Mustafa,**
Registrar, BUIITEMS
Secretary



The meeting started with the recitation of verses from the Holy Quran. The Secretary BUIITEMS Senate welcomed the Chairman and all the respected members of the BUIITEMS Senate.



The Secretary BUIITEMS Senate, with the permission of the chair, started the proceedings of the meeting. The Secretary BUIITEMS Senate tabled the agenda items about academic, budget, policies and administrative matters of the university, for consideration and deliberations.

The senate members deliberated upon the presented agenda items and decisions were made accordingly. The meeting ended with a vote of thanks to the chair & members.



Field Visit of Department of Biotechnology

Reported by: Dr. Waseem Khan

The field visit was arranged by Dr. M. Waseem Khan in consultation with Dr. Shah Jahan, Chairman Department of Biotechnology and Dr. Nazeer Ahmad, Dean, Faculty of Life Sciences and Informatics, for the exploration of research trends in the livestock and dairy development department. The visit aimed at exploring the available facilities and research work carried out in Baluchistan for livestock and dairy development in animal biotechnology.

The Ph.D. scholars of the biotechnology department, Mr. Mehboob Ahmed, Mr. Shan Ahmed and Ms. Maham Ansari, accompanied by Dr. Muhammad Waseem Khan, Assistant Professor, Department of Biotechnology and Dr. Afrasiab Khan Tareen, Assistant Professor, Department of Biotechnology BUIITEMS were greeted by Dr. Ashraf Khan, Senior Veterinary Officer, Animal Embryo Transfer Technology Center, Dr. Muhammad Iqbal, Deputy Director, Animal Semen Production Unit, Dr. Mir Ahmad Deputy Director, Animal Breeding Unit and Dr. Kamran Baseer, Deputy Director, Government Dairy Farm.



The scholars also visited the animal facility centre. Facility services and recent research trends were well explained by Dr. Muhammad Iqbal and Dr. Ashraf Khan. The scholars were briefed about the facility structure consisting of multiple sections for animal husbandry, semen collection, laboratory for the semen quality assessment and dilution preparation along with a storage area having a liquid nitrogen cabinet for storage of semen and distribution across the province for animal breeding purposes.

Lastly, a government poultry farm was visited, to understand the poultry industry.

The overall trip was very productive and informative. The visit has given new insights to students about veterinary science.



Celebration of BUIITEMS 19th Anniversary

Reported by: Muhammad Azam & Masood Ahmed Kasi

The Directorate of Sports to commemorate BUIITEMS' 19th anniversary organized Table Tennis (Female) and Badminton (Female) Tournament.

The opening ceremony was held on October 06, 2021 at BUIITEMS Sports Complex, a total of 20 female students took part in the competition. The final match of the tournament was played on 7th October 2021 between Ms Sajida of BS-BA & Ms Zakia of BS-PA vs Zohra of BS-IR & Noor Ul Fatima of BS Physics, Sajida & Zakia won the tournament beating Zohra & Noor UL Fatima by 2-1.

The final match of the Table Tennis Single (Female) was also played on 7th October 2021 between Ms Zohra of BS-IR & Laiba Farooq of BS IT, Ms Zohra won the tournament beating Ms Laiba by 2-1. Additional Director (A&GS) BUIITEMS Mr. Abdul Qadeem Kakar was the chief guest at the Prize Distribution ceremony.



On 29th September 2021 the opening ceremony of badminton tournament was held at BUIITEMS Sports Complex, in which 11 students took part. The final match of the tournament was played on 1st October 2021 between Mr. Malik Haris & Tahir, Mr. Hafeez & Mansoor Shah. Mr. Malik Haris won the tournament beating Mr. Hafeez & Mansoor Shah, by 2-0. Additional Director (A&GS) Mr. Abdul Qadeem Kakar was the chief guest at the Prize distribution ceremony.

Local Challenge Fund Roadshow

Reported by: Sahar Munir

HEC launched the LCF for the year 2021 to help local institutions in developing research aptitude and funding university study projects that address district-level challenges. On the of October 03, 2021, ORIC-BUIITEMS held a roadshow to promote a better knowledge of the Local

Challenge Fund's requirements. Dr. Jan Muhammad, Vice-Chancellor University of Turbat (Winner of LCF 2020), Dr. Zahid Rauf, Registrar BUIITEMS, Dr. Zameer-ul-Hassan Associate Professor, Dr. Bushra Naeem, and Dr. Muhammad Amin, Assistant Professor, were among the panellists. Dr. Anayatullah, Director of ORIC, presided over the roadshow. The panellists went over the overview of the Performa for LCF and gave specific advice on how to write a proposal. A large number of faculty members, as well as MS and PhD scholars, attended the event.



Youth & Sustainable Development Goals

Reported by: Farhat Farooqi

The Directorate of Quality Enhancement and Accreditation (QE&A) in collaboration with the Department of Economics organized an awareness session regarding Sustainable Development Goals (SDGs) on October 04, 2021 at the city campus BUIITEMS. The focus of the session was the youth and Goal 4, "Quality Education". The objective of the session was to create a basic level of understanding among the youth about SDGs and their Pakistan-related importance, given the current statistical information.

The event was attended by the faculty and students of BS Economics 6th, 7th, and 8th semesters. The program initiated with an informative video highlighting the importance of SDGs. The resource person of the event was, Ms. Erum Shafi, Assistant Professor Department of Economics.

She along with her presentation shared with the audience "the success story" of utilizing the model of ensuring inclusive and equitable awareness in her course of "Development Policy" by assigning graded assignments on similar footings to the students of the BS (Eco) session fall 2017.

Some students of the Department of Economics Mr. Abdullah, Mr. Irfanullah, Mr. Waqar Khan, Muhammad Ali, and Ms. Pashtana from BS Economics 8th semester also gave presentations that encompass the SDGs of their own choice.



Developing Balochistan Youth Policy

Reported by: Imran Khan

A focused group consultative session was conducted on October 05, 2021, at BUIITEMS for the development of Balochistan Youth Policy 2021. This event was organized by the Directorate of Quality Enhancement and Accreditation with the collaboration of the Government of the Balochistan, Sports & Youth Affairs Department and UNDP.

Mr. Muhammad Dawood Khan, a UNDP consultant, led the focus group discussion and consultative session. The participants were relevant BUIITEMS faculty members and students. The participants recommended that the primary purpose of developing youth policy should be to empower and engage youth in the decision-making process, providing them education & employment opportunities, utilizing their potential to positively contribute to the socio-economic development of the country and particularly in Balochistan.

The purpose of the conversation was to look into the bigger difficulties that Balochistan's youth confront. Economic empowerment, social empowerment, political/civic involvement, and decent education were among the primary obstacles. These challenges are a relatively integral part of Sustainable Development Goals (SDGs). Mr. Syed Dara Shikoh Amir (Director Quality Enhancement & Accreditation) gave the vote of gratitude at the end of the meeting.



4th Markhor Mathematics Competition Prize Distribution Ceremony

Reported by: Dr. Hasrat Hussain Shah

The prize distribution ceremony of the 4th Markhor Mathematics Competition was held on October 07, 2021, in the Pink Hall, BUIITEMS Takatu campus. A unique competition of its kind is being organized every year by the Department of Mathematical Sciences in which more than 500 participants took part from across the country and Balochistan. The founders and organizers of the aforementioned competition Mr. Irfan Ali, lecturer Mathematics BUIITEMS and Mr. Saaduddin, alumnus Department of Mathematics shed light on the idea, initiation and success of the competition. The Chief Guest of the event Pro-VC BUIITEMS Dr. Faisal Ahmed Khan congratulated the Department of Mathematical Sciences for organizing such extraordinary competition every year and talked about the importance and need of mathematics in various sciences. Later, he presented the winners and organizers with shields, cash awards, and certificates.



World Mental Health Day 2021

Reported by: Dr. Ghina Saleem

The Department of Psychology, BUIITEMS celebrated World Mental Health Day on October 08, 2021. The chairperson of the department, Dr. Ghina Saleem gave opening remarks, highlighting why mental health is important and how it should be given equal importance just the way physical health is emphasized.

The first talk was delivered by Anqa Gharshin, lecturer Psychology Department, BUIITEMS. The theme of her talk was psycho-education. The second session was a panel discussion with a senior psychiatrist, Dr. Ghulam Rasool and a psychologist, Miss Yasmeen Jogezeai on Myths and Stigma related to Psychiatric and Psychological

Treatment. The discussion was moderated by Mr. Muhammad Hussain, Lecturer, Psychology Department, BUIITEMS. The panel discussion was followed by a poster exhibition by the students of the Psychology and Fine Arts Departments on the theme of 'Mental Health in an Unequal World'.

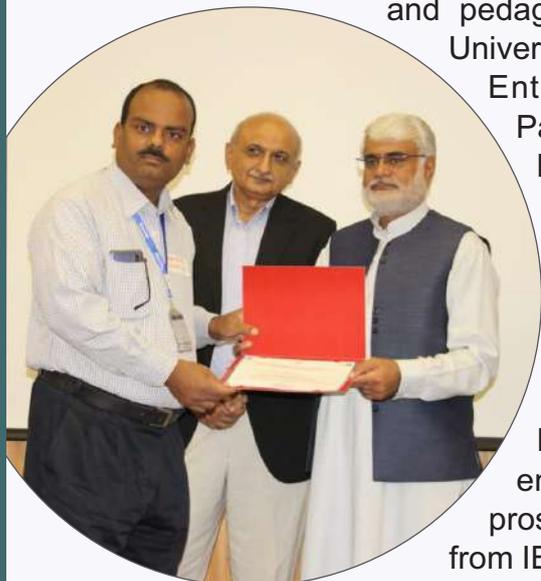
The program ended with the presentation of shields to the guest speakers and closing remarks by Dr. Rahila Umer, Dean, Faculty of Social Sciences and Humanities, BUIITEMS.



Workshop on Faculty Development Entrepreneurship

Reported by: *Dr. Zaheer Abbas Gilani*

A faculty development workshop held on October 08-09, 2021 on entrepreneurship teaching and pedagogy for public sector institutions, was organized at the University of Balochistan, Quetta, with the support of The Centre for Entrepreneurial Development, IBA, Karachi, and UNDP, Pakistan. Dr. Zaheer Abbas Gilani from the Department of Physics and Dr. Muhammad Zubair Khan from the Department of Mathematical Sciences attended the workshop. Dr. Shafiq ur Rehman, Vice-Chancellor University of Balochistan welcomed the distinguished guests. This entrepreneurial conference was started by Dr. Shahid Qureshi Director ORIC, IBA Karachi, where he introduced the need for entrepreneurship for faculty development. Prof. Dr. Syed Zahoor Hussain, Vice-Chancellor, LUMS, enlightened on the Entrepreneurial University in European prospects and lessons for developing countries. Dr. Ambreen from IBA, Karachi, elaborated the effectuation principles and needs of Islamic prospective for entrepreneurship. Dr. Qaiser Durrani, Rector, GIFT University, Lahore presented the case studies of entrepreneurship in Pakistan.



Quality Education: Lifelong Learning Opportunities for Youth through SDGs

Reported by: *Farhat Farooqi*

Balochistan University of Information Technology Engineering and Management Science (BUISTEMS) always attempts collaborative efforts with other institutes to provide quality education. The Directorate of Quality Enhancement and Accreditation (QE&A) organized an awareness session “Quality Education: Lifelong Learning Opportunities for Youth through SDGs” on October 11, 2021. The session was structured for the students and faculty of Sardar Bahadur Khan Women University.



The purpose of the session was to develop the links between SDGs and related frameworks, lives of common people, and an emphasis on goal 4 “Quality Education”.

The resource person of the event was, Ms. Eram Shafi, Assistant Professor Department of Economics initiated with an informative video highlighting the importance of SDGs. Ms. Shafi shared with the audience “the success story” of utilizing the model of Ensuring inclusive and equitable awareness in her course of “Development Policy”, by assigning graded assignments on similar footings to the students of the BS (Eco) session fall 2017. Students Mr. Ali, Ms. Pashtana, Mr. Waqar, Mr. Kausar, Mr. Asal, Mr. Ghaffar Ms. Zarmina, Mr. Qambar, Mr. Abdullah, Mr. Irfan, Mr. Afaq, and Mr. Dawood from BS Economics 8th semester also gave presentations that encompass SDG10, SDG05, SDG09, SDG08, SDG01, SDG02, SDG11, SDG03, SDG04, SDG12, and SDG17 respectively. The session was ended with a thanking note from the Deputy Director QE&A.

Mining Engineering Capacity Building Series: Seminar 1

Reported by: Engr. Tufail Ahmed

The Department of Mining Engineering has initiated a series of lectures/ seminars on “Capacity Building of Mining Engineering Students”. The first seminar of the series was arranged in the Purple Hall of BUIITEMS on October 12, 2021. Engr. Muhammad Atif, Senior Inspector of Mines, Government of Balochistan, and Mr. Sheran Khan Panezai, Provincial MEAL and MIS officer, The Indus Hospital and Health Network, Quetta, were the seminar's resource persons.

Engr. Muhammad Atif spoke about “Challenges and Prospects of Mining Engineering”. While Mr. Sheran Khan Panezai talked about “Career planning and Scholarship hunting”.

The lecture was attended by all Mining Engineering teachers and students. The pupils were enthralled by the speakers and interacted with them. The chairperson expressed gratitude to the speakers for their assistance and cooperation in making the program a success.



Screening of TV News Bulletin

Reported by: Tariq Mehmood

The department of Mass Communication displayed big screen news bulletin packages on October 12, 2021. The Vice-Chancellor BUIITEMS appreciated students' performances in creating media content comparable to leading international TV channels. These included 10 packages of TV bulletins produced by the students of the 6th semester as part of their course requirement of TV journalism taught by Tariq Mehmood, Assistant Professor. The news bulletin package produced by Ms. Aqeela Maqbool, Shakila Zawar, Bibi Nooria and Arif Hussain was highly applauded by the participating faculty members.



1st Meeting of Industrial Advisory Board (Department of Geological Engineering)

Reported by: *Nasir Khan*

The Department of Geological Engineering BUIITEMS conducted the 1st meeting of The Industrial Advisory Board (IAB) on October 14, 2021.



Dr. Zafar Baloch, Chairman Department of Geological Engineering chaired the meeting. Eng. Muhammad Saeed, Superintending Geophysicist Geological Survey of Pakistan, Mr. Mazhar Ali, Senior Hydrogeologist, Water and Sanitation Agency (WASA) Quetta, Dr. Saeed Ahmad, Resident Engineer, MM Lahore Pakistan (joined online), and Eng. Zaman Ali Sheikh, Superintending Engineer, Irrigation Division Sibbi were invited as a member of the IAB Geological Engineering Department. They participated as experts for reviewing course contents of the 5th Board of Studies (BOS) approved by the Department Quality and Enhancement Cell (DQEC). The members also agreed upon the decision to provide internships to BS Geological Engineering students and to hold sessions for department students. The director Survey of Pakistan assures that they will sign an MOU between the Department of Geological Engineering and GSP.

Industrial Visit Report

Reported by: *Dr. Muhammad Najam Khan, Dr. Muhammad Amin*

A one-day industrial visit to the Waste Water Treatment Plant (WWTP) located at Sabzal Road, Quetta was organized by the Department of Chemical Engineering was on October 14, 2021. Students of Batch Fall-2017 and Fall-2018 accompanied by Dr. Muhammad Amin, Dr. Muhammad Najam Khan, Engr. Farooq Sajjad and Engr. Gohram Khan were welcomed by Mr. Aftab Iqbal, XEN PHED, Balochistan and his team. For practical applications, the PHED team briefed on the need for wastewater treatment and recycling. The factory was inspected in several areas, and a brief functioning mechanism was described followed by a Q&A session. Dr. Muhammad Amin, Chairperson Department of Chemical Engineering and Dr. Muhammad Najam Khan appreciated the hospitality, valuable time and support of PHED regarding the conduct of this visit.



Prospects and Challenges of the PMDA Bill

Reported by: Tariq Mehmood

A great debate on Pakistan Media Development Authority (PMDA)'s recently proposed bill was organized by the Department of Mass Communication on October 15, 2021. The panelists provided insightful information on the prospects and challenges of the government's intended media bill. Tariq Mehmood, Assistant Professor, Department of Mass Communication, represented academics, while Syed Ali Shah, Chief Editor of the Quetta Voice, represented the media business. The faculty members and students were invited to exchange their views on the topic. Finally, Ms. Sumaira Zakir, Chairperson Department of Mass Communication extended gratitude to all the participants.



Welcome and Farewell Party

Reported by: Aftab Alam

The Department of Business Administration in collaboration with the Departments of Economics and Public Administration organized a grand party at the City campus, BUIITEMS on October 15, 2021. The party aimed to bid farewell to the graduating students and welcome the newcomers. The Associate Dean of FMS, Dr. Irfan, wished the graduating students success. Moreover, the theme of the party was a cultural theme in which every student represented their culture, and a proper segment was

present on the stage in which students shed light on the history of their culture. In addition to it, a musical performance followed by a grand Attan was there for students.



Talented Earth Organization (TEO) Scholarship Cheques

Reported by: Dr. Mehmood Baryalai

A key barrier to university access and completion for low-income students is financial. Dr. Mirza Aamir Mehmood has worked with Talented Earth Organization (TEO) and brought three industrial scholarships from TEO (a Danish software company working in Islamabad) covering full tuition fees for students of computing. The cheque distribution ceremony was held on October 15, 2021, in Dean's Office. Ms. Sana, Ms. Shukria, Mr. Fareed Ullah are recipients of this scholarship and have expressed how this scholarship helped them.



Farewell and Welcome Party

Reported by: *Dr. Muhammad Amin and Engr. Farooq Sajjad*



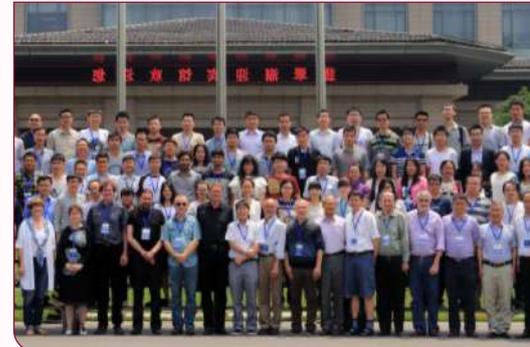
A Farewell for Batch Fall-2017 and a welcome party for Batch Fall-2019 was organized by the Department of Chemical Engineering on October 20, 2021, at Expo Center, BUIITEMS. Dr. Syed Kamran Sami, Dean FOE&A and Dr. Zahid Rauf, Dean Graduate Studies inaugurated the party. Dr. Muhammad Amin, Chairperson Department of Chemical Engineering welcomed the honourable guests, faculty and students. Cultural activities, drama, poetry, game shows were presented by students. In the concluding remarks, Dr. Muhammad Amin appreciated the efforts of Engr. Farooq Sajjad and his team for organizing this memorable event.

Honour for BUIITEMS

Reported by: *Prof. H. M. Noor ul Huda Khan*

Ms. Sunila, Assistant Professor of Physics got her PhD degree on October 20, 2021.

Dr. Sunila is serving as an Assistant Professor, Department of Physics. She has 12 years of experience and was awarded the Chinese Scholarship Council (CSC) scholarship in 2015 for PhD in Physics. She was doing her PhD at the University Of Science And Technology Of China, Hefei, China. She has passed her defence on 20th October and has published the first author paper titled "Beryllium and Magnesium Metal Clusters: New Globally Stable Structures and GOWO Calculations". Her research interests include condensed matter physics, quantum chemistry, density functional theory with prediction tools, and interdisciplinary machine learning techniques.



ORIC Steering Committee Meeting

Reported by: *Syed Usman*

ORIC Steering Committee is the governing body for the ORIC and is committed to providing strategic leadership and Governance oversight. On October 25, 2021 ORIC called for an ORIC Steering Committee (OSC) meeting to discuss the agendas: ORIC Vision and Mission Statements, Research Strategic Priorities Plan, Recommendations regarding SOPs of BUIITEMS ORIC funded small and Large-scale Competitive Grants and Deliberation on Improving Industry-

Academia Linkages and Research Impact of the University. The meeting commenced with a brief presentation of the ORIC Progress Report by Assistant Director, Sahar Munir. The OSC is the central figure providing strategic direction and guidance with Vice-Chancellor, BUIITEMS as the General Chair and Pro-Vice-Chancellor, BUIITEMS along with Dr. Zartash Afzal Uzmi, Partner Pak Wheels, Simplicant Inc. (San Francisco), WiMetrix & Bulkistan, as its Joint Chair and Director ORIC Dr. Anayat Ullah, as Secretary of the meeting.



China Study Center (CSC) Stall at ICE CUBE Conference

Reported by: CSC, BUIITEMS

The China Study Center has recently been established at BUIITEMS under PC-1 for “Academic Collaboration under the CPEC Consortium of Universities”, funded by the Higher Education Commission (HEC). With the commitment of becoming a hub of Chinese Studies and the capacity-building of the people of Balochistan, the Center kicked off its activities by placing a promotional stall on October 26-27, 2021 at the biennial conference, ICE Cube2021.

The stall was visited by different dignitaries, faculty, staff, and students. The staff at China Study Center briefed the visitors about the activities of the centre such as the offers of the Chinese language courses, research on CPEC, and the promotion of Chinese culture and arts.



Conference on Robotics & Automation in Industry (ICRAI 2021)

Reported by: Dr. Anayat Ullah



ICRAI is one of the leading international forums in Pakistan for researchers in Robotics and Automation to present their work. The 4th International Conference on Robotics and Automation in Industry was organized by the National Centre of Robotics and Automation (NCRA), Department of Mechatronics Engineering, NUST College of Electrical and Mechanical Engineering, Rawalpindi, on October 26-27, 2021.

ICRAI aims to bring together leading engineers, scientists, academics, researchers,

policymakers, field and application engineers, industries, start-ups, and scholars to exchange and share their experiences and research results related to robotics and automation.

Keynote speakers and NCRA Scientific and Industrial Advisory Board (SIAB), foreign and local members also participated in the conference.

Fifty-three papers were presented in ICRAI 2021 out of 193 submissions, ranging from topics such as Control Systems, Robotics and Automation, AI and Deep Learning, Robotic Motion Planning, Biomedical Robotics, etc.

Mr. Syed Izzat Ullah, Team Lead, and Mr. Khawar Ali, Research Associate participated as attendees at ICRAI 2021 on behalf of Control Automotive and Robotics Lab (CARL-BUIITEMS) and were impressed by the quality of papers presented at ICRAI, they also actively participated in the healthy discussions to better understand the work being presented.



Lab2 Market Industrial Exhibition

Reported by: Dr. Anayat Ullah

National Centre for Robotics and Automation (NCRA) arranged a very successful Lab2Market Industrial Exhibition during the proceedings of the International Conference on Robotics and Automation in Industry (ICRAI) 2021. Approximately 20 stalls showcasing more than 60 different robotics and industrial products such as Autonomous Mobile Robots, Drones of various capabilities, Bio-Medical devices, EV Cars, Industrial Thermal Monitoring Units, Industrial machinery condition monitoring systems, STEMS Robotic Kits, etc., from multiple national universities including such as UET-Taxila, LUMS, BUIITEMS, NED, etc. In addition to them, various start-ups and private industrial players also showed up such as Zaheen Drones, Humanoid Bots, etc.



The chief guest, Executive Director HEC, Dr. Shaista Sohail along with Dr. Umar Shahbaz Khan, Director NCRA, visited all stalls and were excited to see innovative solutions to the local problems of Pakistan. They were very impressed with the possibilities of a snake-like robot in rescue efforts in earthquake-stricken areas and industrial maintenance and operations of power plants and the oil and gas industry.

On behalf of Control, Automotive and Robotics Lab (CARL-BUIITEMS), Mr. Syed Izzat Ullah, Team lead, And Mr. Khawar Ali, Research Associate, show-cased cutting edge robotic products developed at CARL at the Industrial Exhibition organized by NCRA to various interested attendees.

While Waiter-Robot caught the eyes of visitors from the hospitality sector, they inquired about its capabilities, limitations, and various business models to sell our product.

UR5 Robot Training at NUST

Reported by: Dr. Anayat Ullah



A 3-Day hands-on workshop on Industrial Collaborative Robots (Universal Robots – UR5) at the National Center of Robotics and Automation (NCRA), NUST College of E&ME, Rawalpindi, was organized in parallel to the ICRAI21 conference on October 27-29, 2021. It was attended by 16 students, researchers, and professionals from several institutes.

Universal Robot is the world's first collaborative robot capable of working alongside people without the need for fences or set workspace limits. Its collision detection technology, which includes force sensors, allows it to detect and avoid any collision. It is a 6-DOF (Degrees of Freedom) robotic arm that can lift a 5 kg payload.

The workshop was attended by Syed Izzat Ullah, Team Lead, Khawar Ali, Research Associate, and Ramsha Shahid, Research Assistant.

One day CPD Program “Machine Learning using Python”

Reported by: Shaista Khan

The Directorate of Human Resource

Development in collaboration with the Faculty of Information & Communication Technology, BUIITEMS organized a one-day professional development workshop on “Machine Learning using Python” under continuing professional development program (CPD) for Professional Engineers (PE), including BUIITEMS Registered Engineers (RE) and Final semester students of Faculty of FICT on October 28, 2021 at BUIITEMS Takatu Campus. Quetta.

This workshop is intended to introduce students to machine learning, its various tools, workflow, and its applications.

The training session started with the recitation of the Holy Quran. The HRD team welcomed all the participants and resource person Dr. Muhammad Umar Chaudhry, Assistant Professor, MNS-University of Multan. In the second session, the hands-on practice on classification modelling in python was made. The students were taught to set installation, understand the data set and processing, introduce and import built-in libraries.

In the third session, the training test split into two majors; Students were briefed and practised over model building training, and in the last the model evaluation took place.

The training ended with Questions/Answer sessions that are satisfactorily responded to by the resource person.



One Day Awareness Session on Collection of BRA Taxes through Alternate Delivery Channels (ADCs)

Reported by: Imran Khan



Under Vision 2020 State Bank of Pakistan (SBP) has visualized the Strategic and Tactical Goals related to digital banking to develop modern and robust payment systems to improve efficiency, security, costs, and access to payments and settlements infrastructure. It also aimed to provide an enabling environment for the development of Automated Transfer Systems.

In this regard, the State Bank of Pakistan, BANKING Services Corporation in collaboration with the Balochistan Revenue Authority (BRA) conducted a one-day awareness session on the collection of BRA Taxes through Alternate Delivery Channels (ADCs) at BUIITEMS. Mr. Hidayatullah was the lead facilitator of the session. BUIITEMS Staff from procurement, projects & planning, and finance departments were invited to attend this session. The event coordinator was Mr. Imran Khan, Deputy Director QE&A.

The session ended with a vote of thanks by Syed Dara Shikoh Amir, Director QE&A BUIITEMS.

Scottish Scholarship for Young Women

Reported by: Nausheen Sabir

The Scottish Scholarship for young Women MS/MPhil program is a scholarship program for females studying in subject areas of Education, Health Sciences, and STEM education. It is a two years funded program. This grant aims to make higher education accessible for female students in Pakistani universities recognized by HEC.

To serve the purpose, the Financial Aid office organized certificate distribution for the students of Scottish Scholarship awardees on October 30, 2021 in the pink hall.

The certificates were distributed among the female students of MS programs. Ms. Fahima Ashraf Kasi one of the awardees of the Scottish scholarship program received a laptop along with the certificate from the donors.

The Chief Guest of the program was Mr. Zahid Rauf, Dean of Graduate Studies along with Director UAFA, Mr. Faisal Noshewani.



MS Completion of Department of Physics

Reported by: Dr. Zaheer Abbas Gilani

The online exams of twelve MS Physics students were conducted during the last week of October and the first week of November 2021. These students were from the spring 2019 batch. The external examiners from renowned universities of Pakistan evaluated the students. After evaluating the theses of these students and incorporating the changes advised by the professors of the University of Balochistan, GC

University, Lahore, The Punjab University, The Islamia University of Bahawalpur, Kohat University Of Science And Technology, Kohat and LUMS, Lahore. These via exam were conducted through virtual mode due to the pandemic and the Directorate of IT facilitated the department.



Pakistan Engineering Council (PEC) Cheque Distribution Ceremony

Reported by: Nausheen Sabir

Pakistan Engineering Council's (PEC) need cum merit scheme is to provide an opportunity to deserving students from certain selected areas of the country, enabling them as engineers with desired competence and skills in public sector leading HEIs, as per the need of industry to play due role in socio-economic development in society.

Buitems Financial Assistance office organized Pakistan Engineering Council Need cum merit basis scholarship distribution ceremony on November 09, 2021 at the Pink Hall.

The ceremony was organized to distribute the cheques among the meritorious students of BUIITEMS. In total 35 students were awarded, a total amount of 3500,000 (Rs. 100,000 /student). The chief guest of the ceremony was Dr. Faisal Khan along with Addl. Director, Mr. Faisal Noshewani.



7th Inter-Departmental Scrabble Tournament

Reported by: Masood Ahmed Kasi



The opening ceremony of the competition was held on November 15, 2021 at BUIITEMS Sports Complex, a total of 32 female and 30 male students took part in the competition, the final match of the tournament was played on November 18 - 2021 between Ms Sajida of BS (BA) and Ms Tayyaba of BS Physics. Ms Tayyaba won the tournament beating Ms Sajida by 02-01. In the male category, Mr. Muhammad Zia won by beating Mr. Abdullah of BS ENV by 02-0.

16th Inter-Departmental Chess Tournament

Reported by: Masood Ahmed Kasi



The opening ceremony was held on November 15, 21 at BUIITEMS Sports Complex, in the 16th Inter-Departmental Chess Tournament a total of 24 Female and 32 male students took part. The final match of the tournament was played on November 18, 2021 between Ms Najiba of BS Computer Sciences and Ms Tayyaba of BS Physics. The match was won by Ms Tayyaba. In the male category, Mr. Muhammad Hadi won the tournament beating Mr. Jam Shair of BS (Physics) by 02-0.

All Pakistan HEC Inter-Varsity Badminton (Women) Championship

Reported by: *Sadia Zameer*



BUIITEMS female badminton team participated in “HEC All Pakistan Intervarsity Badminton (Women) Tournament 2021-22” at Government College, University (GCU), Faisalabad under the supervision of Ms Sadia Zameer, Assistant Sports Officer. 32 universities from all over Pakistan participated in the championship. Team BUIITEMS won their first two matches by 02-01 and 03-02 against GCU, Faisalabad and Madina Women University, Faisalabad, respectively.

Workshop on Robotics and Computer Vision (RCV'21) at UET

Reported by: *Dr. Anayat Ullah*

RCV'21 workshop

hosted by Swam Robotics Lab (SRL) University of Engineering and Technology (UET) Taxila. SRL is one of the many states of art Labs, working under the umbrella of the National Centre of Robotics and Automation (NCRA), funded by the Higher Education Commission (HEC) of Pakistan. In this training program more than 50 professionals, as well as students from across Pakistan mainly from Lahore, Quetta, Peshawar, Islamabad, Mirpur, and UET Taxila, participated in the event with zeal and zest. Mr. Semab Neimat Khan working as Research Associate has attended the workshop on behalf of the Control Automotive and Robotics Lab (CARL_BUIITEMS). Multiple trainers bearing unique abilities shared their knowledge over the course days i.e. November 24-26, 2021.



1st Industrial Exhibition at MUST Azad Kashmir

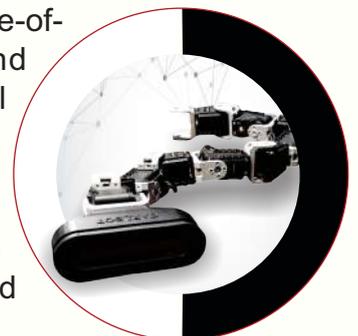
Reported by: *Dr. Anayat Ullah*



The Office of Research Innovation Commercialization (ORIC), Mirpur University of Science and Technology (MUST), and CARLAB-NCRA arranged 1st industrial exhibition on November 29, 2021 at MUST under the supervision of Vice-Chancellor, Muhammad Younus Javed. In addition, IT industries MOBORIDE, ESOLS, and SelfTech have also displayed their products and technologies. In this event, CARL-BUIITEMS exhibited its state-of-the-art Snake Robot and Waiter Bot as a commercial

product. The sole purpose of such events is to bridge the gap between industry and academia.

President Chamber of Commerce Mirpur, Mr. Faisal Manzoor along with Director NCRA, Dr. Umar Shahbaz also attended the exhibition and showed keen interest in the products presented.



4th Inter-Faculty Football Tournament

Reported by: Masood Ahmed Kasi

The opening ceremony was held on 15th November-2021 at BUITEMS Sports Complex, a total of 08 Faculties took part in the competition.

The final match of the tournament was played between Faculty FICT and Faculty FSS&H, both the teams played well however, none of the teams could score any goal, the result of the match was decided by penalty kicks that FICT won by 03-02 goals.

The Pro-Vice-Chancellor, BUITEMS, Dr. Faisal Ahmed Kakar, & Registrar BUITEMS, Mr. Jamal Mustafa were the chief guests of the Prize Distribution ceremony. The best goalkeeper of the tournament was Mr. Munawar of FSSH. The Best Player of the tournament was Mr. Asmat Ullah of FICT, & best scorer of the tournament was Mr. Shahzaib of FSS&H.



Orientation Session of Chinese Language Course

Reported by: Dr. Abdul Sattar



The China Study Center (CSC), BUITEMS organized an orientation session for the students of the Chinese language course entitled Hanyu Shipping Kaoshi HSK-1, on 17th November 2021, at Pink Hall, Takatu Campus. Dr. Faisal Ahmed Khan, then-Pro-Vice Chancellor BUITEMS, in his opening remarks, welcomed all the students and delivered a brief speech on the importance of the Chinese language. Dr. Abdul Sattar, Director of China Study Center, briefly introduced the objectives and activities of the China Study Center. Finally, Dr. Zamir Abro, Deputy Director of CSC and Chinese language instructor, shared his experience with the audience about

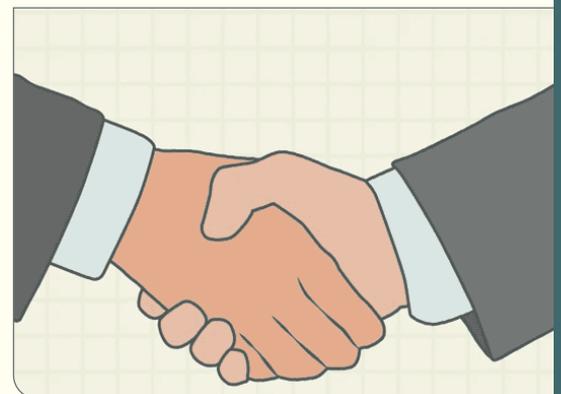
China and the scope of learning the Chinese language. At the end of the session, Dr. Raja Asif, Additional Director CSC, thanked all the participants for making the event successful.

Signing LoU between National Curriculum Council (NCC) and BUITEMS

Reported by: Dr. Fozia Ahmed

A Letter of Understanding (LoU) virtual ceremony was held on November 30, 2021, between the National Curriculum Council (NCC) Secretariat - Ministry of Federal Education and BUITEMS, to support the ongoing curriculum reforms.

On behalf of BUITEMS, the LoU was signed by the former Pro VC, Dr. Faisal Khan and witnessed by Dr. Fozia Ahmed, Chairperson Department of Education (FSSH). While the LoU was countersigned by Dr. Mariam Chughtai, Director, National Curriculum Council Secretariat, and witnessed by Mr. Saad Ahmed Mir.



56th meeting of Human Resource Development Committee (HRDC)

Reported by: Muhammad Aazan

The 56th meeting



of the Human Resource Development Committee (HRDC) was held on 1st December-2021 at the Training Hall, BUIITEMS, Takatu Campus under the chairmanship of the then Pro-Vice-Chancellor BUIITEMS, Dr. Faisal Ahmed Khan. The respected Faculty Deans, Director UCOZ and Muslim Bagh Campuses, Director ORIC, QE&A and Finance attended the meeting. Additional Director (HRM)/Secretary HRDC Mr. Malik Imran Kasi presented various agenda items. The recommendations were made accordingly. Moreover, a

detailed presentation on the analysis of faculty study leave data over the years was also presented. The meeting ended with a vote of thanks to the chair.

National Curriculum Review Committee Meeting

Reported by: Dr. Hasrat Hussain Shah

The National Curriculum Review Committee meeting for

Mathematics was held on December 2-3, 2021 at the HEC Islamabad. The main agenda of the meeting was to review of BS and MS curriculum and admission eligibility criteria. From BUIITEMS, Dr. Hasrat Hussain Shah, Chairperson Department of Mathematical Sciences was nominated for the NCRC meeting.



Honour for BUIITEMS

Reported by: Prof. H. M. Noor ul Huda Khan



Dr. Javed Rehman was awarded a full Ph.D. scholarship from Jilin University, Changchun, P.R. China sponsored by the Chinese council scholarship in September 2017. Dr. Javed was honoured to be supervised by Prof. Dr. Zheng Weitao and Prof. Dr. Xiaofeng Fan at the College of Materials Science and Engineering, Jilin University. His Ph.D. dissertation topic was the Theoretical Screening of 2D Anode Materials for Metal ion batteries. He defended his Ph.D. defence successfully on December 02, 2021, as you can kindly find in the image below. During his Ph.D. studies, Dr. Javed built a strong experience in the field

of computational quantum mechanical modelling, especially Density-functional theory (DFT), which enabled him to publish seven peer-reviewed research articles in prestigious international Q1, SCI journals with a cumulative impact factor of 40. Eventually, Dr. Javed has rejoined the Department of Physics, BUIITEMS, on September 02, 2021.



5th Meeting of Board of Studies (Department of Geological Engineering)

Reported by: Engr. Asif Abbas

The Department of Geological Engineering BUIITEMS conducted its 5th meeting of the Board of Study (BoS) on December 06, 2021.

The meeting was chaired by Dr. Zafar Baloch, Chairman Department of Geological Engineering. Prof. Dr. Muhammad Zubair Abu Bakar, Dean, Faculty of Earth Sciences and Engineering, UET Lahore and Prof. Dr. Muhammad Ashraf Tanoli, Chairman, Department of Civil Engineering, GIK, Institute (Joined Online) were invited as members for the BoS of Geological Engineering Department. Dr. Syed Kamran Sami, Dean, Faculty of Engineering and Architecture, Dr. Abdul Malik Rehan Abbasi, Associate Dean FOE&A, Prof. Dr. Khan Gul Jadoon, Chairman Mining Engineering Department, Dr. Abdul Muntaqim Naji, Engr. Muhammad Hasnain, Engr. Imad Ali and other faculty members of the Geological Engineering Department participated in the meeting.



HEC Kamayab Jawan Sports Drive at Islamabad

Reported by: Masood Ahmed Kasi



HEC along with the Prime Minister's Youth Program team under the leadership of Special Assistant to Prime Minister planned Kamyab Jawan Sports Gala from December 6-9, 2021 at Pakistan Sports Complex Islamabad.

The honourable Prime Minister of Pakistan, Mr. Imran Khan was the Chief Guest of the grand opening ceremony of the HEC Kamayab Jawan Sports Drive. A total of 8000 eight thousand male-female students took part in this program from all over Pakistan.

15 events were held at HEC Kamayab Jawan Sports Gala. A squad of BUIITEMS comprising 22 male and female students participated in the gala.

The Faculty of Basic Sciences (FBS) arranged an orientation session on December 7, 2021, in Purple Hall BUIITEMS for the students of Fall-2021 intake. All the administrative heads and senior faculty members attended the session. In the proposed session, the new batch of students was briefed about the academic rules and regulations, which they are supposed to experience in their 4-year stay at BUIITEMS. The Associate Dean Faculty of Basic Sciences – Dr. Muhammad Nawaz gave a detailed presentation covering all aspects of the BS program. At the end of the session, the Dean Faculty of Basic Sciences – Prof. Dr. M. Naeem Shahwani introduced the departmental chairpersons and faculty members to the students. At the end of the session, students proceeded on a visit to classrooms, laboratories, library, canteen and other facilities of the University.

Orientation Session (Faculty of Basic Sciences)

Reported by: Dr. Muhammad Nawaz



Orientation Session (Faculty of Social Sciences & Humanities)

Reported by: Khadija Jaffar



The faculty of Social Sciences and Humanities (FSSH) arranged an orientation session on December 7, 2021 at Green Hall, SSA block where students were introduced to the basic rules and regulations of BUIITEMS.

Dr. Fozia Ahmed, Chairperson - Department of Education oriented the students with the vision and mission of BUIITEMS and its policies from different aspects so that they may feel more comfortable in becoming a part of the system. The session ended with a warm welcome to the students from Dr. Rahila Umar, Dean FSSH. The students from each department were then led by the faculty members through a physical orientation of the university premises from administration to classrooms and the library.

A Brighter Tomorrow

Reported by: Mir Hassan

The Students of Public Administration in collaboration with "Fairytale" and "Balochistan Youth, organized a one-day exposure tour to BUIITEMS for the students of Dar ul Falah Orphanage on December 8, 2021. Mr. Asmat Khan addressed the session on mental health; whereas, Mr. Muhammad Shah engaged the students in "Leadership and Reflection" activities, and the students also participated in interactive activities with Khushal Khan.

Ms Sadia Arif Khan hosted the session at the National Incubation Center (NIC). NIC and BUIITEMS offered collaboration to Darul Falah for the welfare of kids



Workshop on "Resume / CV Writing"

Reported by: Ali Zain



BUIITEMS Career Services Office organized a session on "Resume / CV Writing" at Pink Hall on December 9, 2021. The speaker of the session was Ms. Khadija Jaffar, Lecturer Department of Education. More than 100 students from all disciplines attended the session. Mr. Ali Zain Manager of Job Placement and Internship thanked the guest speaker and appreciated her services.



Visit of Provincial Assembly & Meeting with Public Accounts Committee

Reported by: Sumera Zakir

On December 16, 2021, the students of the Department of Mass communication BUIITEMS, visited the Provincial Assembly of Balochistan to attend the meeting of the Public Account Committee (PAC) under the supervision of Assistant Professor, Mr. Tariq Mahmood.

This visit was organized by Accountability Lab (AL), a global network of labs making governance work for people and the students regarding the role of PAC and system of accountability. In the end, Mr. Tariq Mahmood expressed his gratitude towards PAC for a wonderful and informative visit.



Research for Social Transformation and Advancement (RASTA)

Reported by: Asfand Yar Tareen



Pakistan Institute of Development Economics (PIDE) leadership along with prominent faculty members visited BUIITEMS on December 14, 2021. They met with Vice-chancellor BUIITEMS and conducted an interactive session with the faculty and students. Dr. Nadeem ul Haq, Vice-Chancellor, PIDE, highlighted the importance of networking for policy-oriented research and emphasized its incorporation in policymaking.

1 UW-POFs Joint Conference on Academia's Collaboration with Industrial Organizations (CACIO-2021)

Reported by: Sahar Munir

The University of Wah planned to organize a conference on December 15-16, 2021 to bring the industrial and academic experts on a single platform to share their experiences and discuss the possibilities of future collaborations. Patron in the Chief Prof Dr Jameel-Un Nabi, Vice-Chancellor University of Wah, Conference Chair, Prof Dr. Shahab Khushnood, Dean, Faculty of Engineering and Conference Secretary Dr. Adnan Tariq, Chairperson, Mechanical Engineering welcomed their guests from all over Pakistan. Deputy Director UIL-ORIC, Syed Usman represented BUIITEMS and actively participated in the conference.



Workshop on “Job Interviewing Skills”

Reported by: *Ali Zain Ul Abidin*

BUIITEMS Career Services Office

organized a workshop on “Job Interviewing skills” at Green Hall on December 16, 2021. The session was delivered by Ms. Khadija Jaffar, Lecturer, Department of Education. 77 students from all disciplines attended the session.

Mr. Ali Zain Manager of Job Placement and Internship thanked the guest speaker and appreciated her efforts.



Roundtable Discussion on the Single National Curriculum

Reported by: *Dr. Fozia Ahmed*

Concerning the Letter of Understanding (LoU) between BUIITEMS and the National Curriculum Council (NCC) Secretariat - Ministry of Federal Education, the first Roundtable Discussion was held on 21st December 2021, at the Training Hall, SSA Block. The discussion aimed at gathering feedback on Single National Curriculum (SNC) for K-12. In this regard, around 30 experts from different institutes including BUIITEMS participated in the discussion to critically review and analyze the draft curriculum. Stakeholders involved faculty members from various departments within BUIITEMS and other Higher Education Institutes (HEIs) namely, University of Balochistan, Sardar Bahadur Khan Women University, and Subject Specialists from the Bureau of Curriculum (BoC). Students as the key stakeholders were also a part of the curriculum review process.



Role of Basic Sciences in the Economic Growth of the Society

Reported by: Dr. Farooq Hussain, Dr. Noorul Huda Khan

Faculty of Basic Sciences (BUIITEMS) organized a Seminar and poster competition in connection to celebrate World Science Day, under the title “Role of Basic Sciences in the Economic Growth of the Society”, on December 15, 2021. The main theme of this activity was to highlight the significant roles of core sciences in the economic uplift of the country. In addition to this, it was a great opportunity to bring out the awareness among the students of BUIITEMS, which is declared as the HUB for the United Nation's Sustainable Development Goal No-8, i.e., “Economic Growth and Decent Work”.



The session was inaugurated by the Pro-Vice-Chancellor (BUIITEMS) Dr. Abdul Rehman Khan.



The chief guest paid a visit to the posters and projects section. He showed keen interest in the posters and projects, displayed by the students of different departments on various topics relevant to the theme. He was briefed by the students about their innovative ideas and achievements.

Later on, the chief guest addressed the session by congratulating FBS and the organizing team for such a fruitful event. In the closing remarks, Dean (FBS) thanked the chief guest and others for attending this seminar.

Study Tour of Department of Geological Engineering

Reported by: Nasir Khan



The students of the 5th and 7th-semester of the Department of Geological Engineering, BUIITEMS visited the Geological Survey of Pakistan (GSP), Quetta on December 22, 2021, under the supervision of Mr. Nasir Khan.

Hawks Vision” is a National Organization aiming to empower youth and this year they had organized National Youth Peace Conference in Peshawar from December 25-27, 2021 at Pearl Continental Hotel.

Sadia Zahra, student of Public Administration, BUIITEMS won the Best Youth activist award and the Best Ambassador award at the HAWKS Youth Vision conference in Peshawar. Among 300 participants from across Pakistan, she was the only ambassador from Balochistan.

HAWKS Youth Vision

Reported by: Mir Hassan



DICE-AFS 2021 MNSUA, Multan

Reported by: *Dr. Mujtaba Elahi*

The students from the Department of Chemistry, Mechanical, Micro-Biology, and Bioinformatics participated in DICE AFS Mega Innovation and Entrepreneurship Event December 27-28, 2021 hosted by MNSUA, Multan. More than 250 projects were presented in the event by 70+ universities from all over Pakistan in various categories. 05 projects were presented by students in different projects categories.

In this context, the students of Analytical Polymer Research Group (7th semester, Department of Chemistry) under the supervision of Prof. Dr. Hameeda Panezai, Chairperson, Department of Chemistry and Dr. Mujtaba Ellahi secured the top ten position for their innovative Covid-19 smart soap project, after in-depth evaluation. The students received much appreciation from Prof. Dr. Asif Ali (T.I.) VC, MNSUAM, Mr. Khurshid Ahmed, CEO, DICE, Pakistan and other notable guests and participants. The Smart Soap team was led by Dr. Mujtaba Ellahi, Mr. Ajab Khan, Mr. Naseeb Ullah, and Mr. Syed Nasrudin; The Banana Peel Thread process led by Engr. Ayub Khetran, Mr. Faraz, and Mr. Syed Naseeb Ullah.



Farewell to Ex-Pro VC and Welcome to the New Pro VC

Reported by: *Hameeda Aslam*

On December 28, 2021, the BUIITEMS family bid farewell to the then Pro Vice-Chancellor Dr Faisal Ahmed Khan and welcomed Dr Abdul Rehman Khan as the new Pro vice-chancellor BUIITEMS by arranging a standing ovation in the honor of Dr Faisal. Dr Faisal served as the Pro VC BUIITEMS for nearly two years and completed his tenure on December 2, 2021.

Dr. Abdul Rehman has 30 plus years of professional experience, working with Academic Institutions, UN, World Bank, USAID and local and International NGOs in Pakistan and abroad. He also has 20 years of fieldwork experience in Balochistan, 5 years of teaching experience in North America, a year and a half of teaching experience at the University of Balochistan, and 7 years of research experience. He also received a Master's degree in International Educational Policy Studies and a PhD in Development Studies from renowned academic institutions in the United States of America as a Fulbright scholar, with a research focus on the educational sector of Balochistan.



Dr. Abdul Rehman has shown commitment to work to improve the transparency and governance at BUIITEMS further through automation of systems and is hope for creating an institution that will produce scholars leading national and international, public, and private institutions, think tanks, governments, and state. He believes that together the BUIITEMS family will build a better future for Pakistan and Balochistan.

Professional Skills Development Training Program

Reported by: Dawood Ahmed Khan

The Directorate of Human Resource Development organized ten days in-service training program from December 27, 2021 to January 07, 2022 entitled “Professional Skills Development” for newly appointed faculty members (Assistant Professors, Lecturers & Laboratory Engineers) from different faculties in the training hall at Sir Syed Block, BUIITEMS Takatu Campus.

The closing ceremony was conducted on 10th January 2022. Prof. Dr. Nazeer Ahmed, Dean, Faculty of Life Sciences & Informatics, BUIITEMS, took oath from teachers. The training ended with certificate distribution to the trainees, resource persons and group photographs.



Building Social Stability through Education

Reported by: Dr. Fozia Ahmed

Considering the role of education for

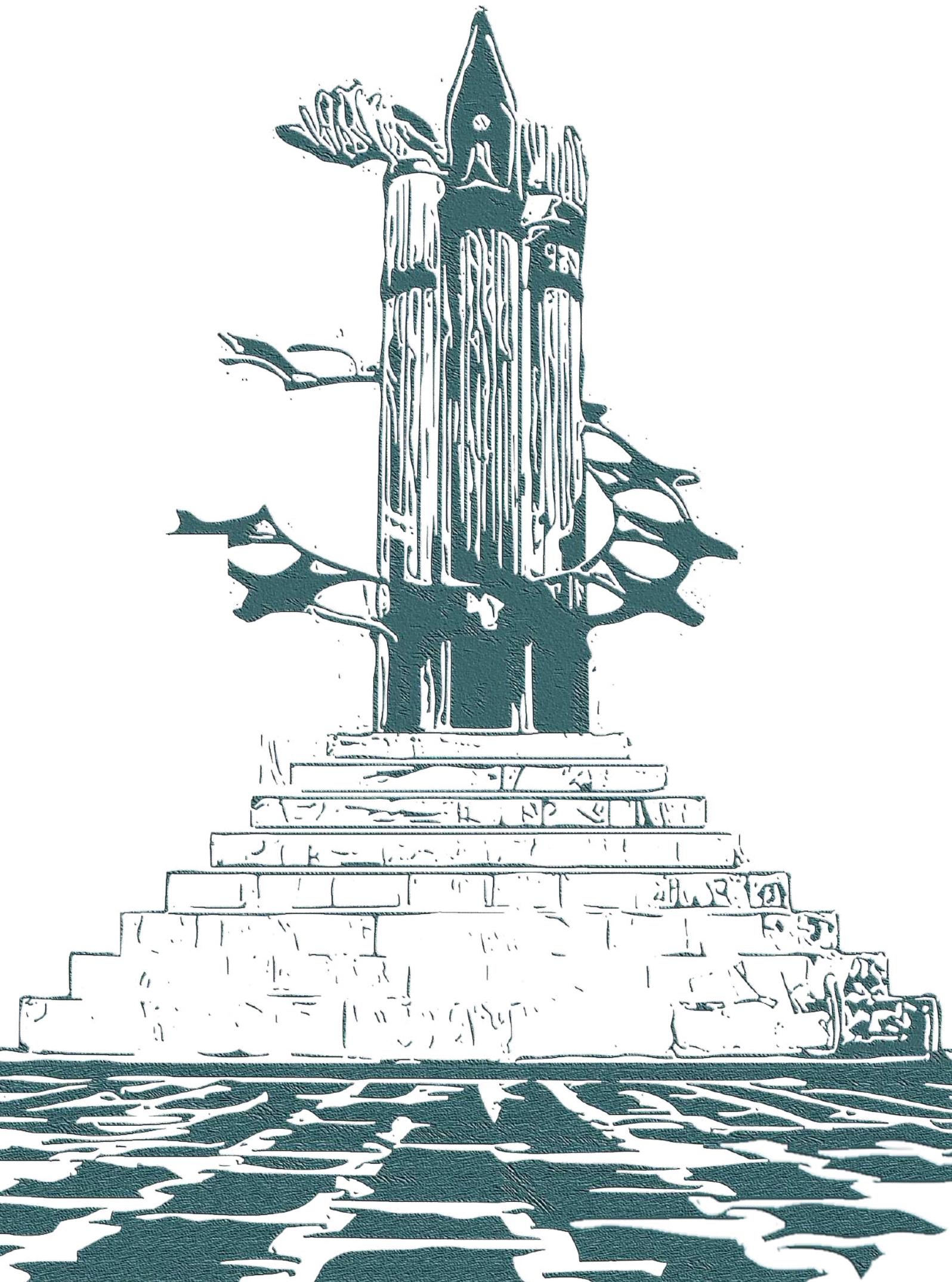
social uplifting, the Department of Education provides students with the opportunity to engage in social work activities as part of their courses. With the guidance of the course instructor for Islamic Studies, Ms. Asia Durrani, Lecture Humanities, the students in groups initiated several activities, such as taking care of patients at the orthopedic ward and providing them with medicines and other necessities; distributing masks and gloves among the university staff to sensitize them with the serious effects of

Covid-19 pandemic and Tree Plantation. One of the groups contributed out of their pocket money to provide a one-time meal to the university support staff. Besides, another group also provided monetary support to the Tuck-shop worker at the university who had got badly injured in a road accident. The Department of Education is proud to have students who take part in these activities with great enthusiasm and expressed their aspiration for the social wellbeing of society.









Quality Policy Statement

BUITEMS contributes in defining standards and systems for the uplift of socio-economic order through quality education and services by:

- ◆ Providing an environment conducive to learning, teaching, academic inquiry and innovation
- ◆ Maintaining academic excellence and professionalism
- ◆ Adhering to established systems for ensuring good governance for management and transfer of knowledge
- ◆ Benchmarking with other leading institutions of higher education for improvement
- ◆ Enhancing efficient and effective operations by encouraging participation of stakeholders
- ◆ Pursuing continuous improvement through creativity, team work and adaptation to change

for

Playing a catalytic role to achieve the national, regional and global harmony.





ISO 9001:2015
Certified



Sharing
a Culture
of Intellectual
Social
Responsibility

www.buitms.edu.pk

UAN: 111-717-111