



BUITEMS

Quality & Excellence In Education



#BUITEMS



ANNUAL REPORT 2021-2022



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

» Foreword	5
» Introduction	6
» BUIITEMS Senate	8
» BUIITEMS Syndicate	9
» BUIITEMS Selection Board	10
» University Organogram	11
» Faculty & Student Strength	12
» Academic Milestones	17
» Awards & Honors	25
» BUIITEMS Building Leadership	27
» Meetings	35
» Visits & Study Tours	43
» Research & Development	49
» BUIITEMS Publications	55
» <i>Newsletters</i>	56
» <i>Annual Reports</i>	57
» Conferences	59
» Seminars	65
» Workshops	73
» Trainings	81
» Achievements	87
» Competitions	93
» Directorates	95
» <i>Directorate of University Advancement & Financial Assistance</i>	96
» <i>Directorate of Human Resource Development</i>	108
» <i>BUIITEMS CPEC Center</i>	122
» <i>Directorate of Quality Enhancement & Accreditation</i>	123
» <i>Directorate of Sports</i>	136
» <i>Office of Research Innovation and Commercialization</i>	140
» BUIITEMS Financial Review	183
» National Incubation Center (NIC)	185
» BUIITEMS Medical Center	241
» 17 th Convocation	245
» Infrastructure Development	253
» MOUs Memorandum of Understanding	259
» BUIITEMS Building Communities	265
» Ceremonies	269
» Exhibition	273





Foreword

Universities lead societies, innovate knowledge and transform lives. They make societies better strengthening them economically, culturally, socially and democratically. They nurture curiosity, follow dreams and look for solutions to the challenges faced by our societies. They house youth- in their talents and transform them into global leaders. BUIITEMS follows a similar path and ensures access to higher education to all; provides a level playing field and opportunity to its students to harness their talents; creates an enabling environment for high achievers; and promotes fair play and competition. BUIITEMS works hard every day to achieve its mission and vision and ensure that we act as a catalyst in the development of a fairer and just society that is progressive and prosperous.

BUIITEMS realizes its role and the obstacles it faces in terms of soaring the youth population that not only requires access to BUIITEMS but also need counseling on socio-economic injustices they have faced by the conflicts, environmental degradations/ disasters, socio-political unrest, poor governance and marginalized primary and secondary education system. BUIITEMS also understands the dynamics of rapidly advancing technologies and importance of keeping abreast with them. BUIITEMS is making all possible effort to empower its students_ majority hailing from marginalized backgrounds- with knowledge, skills, tools, and opportunities that will help them compete internally and become a responsible global citizen.

BUIITEMS is proud and responsible institution and looks forward to transforming lives through its dynamic vision, leadership, hard work, fairness, respect for others, openness to ideas and collaborative efforts. Let's work together for impacting lives.

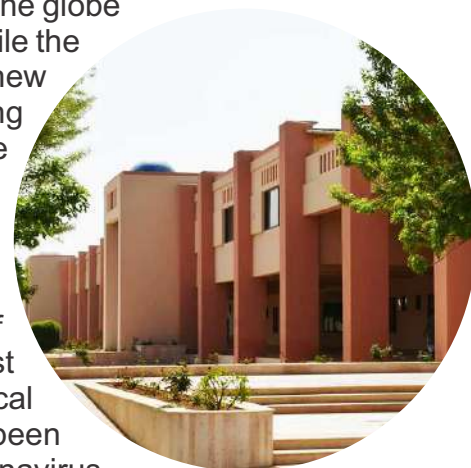
Ahmed Farooq Bazai S.I
Vice Chancellor



Introduction

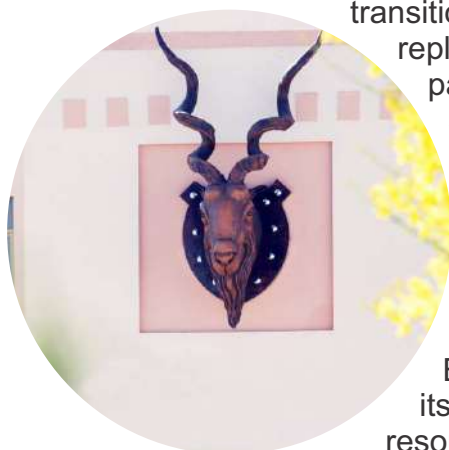
The COVID-19 crisis has affected societies and economies around the globe and will permanently reshape our world as it continues to unfold. While the fallout from the crisis is both amplifying familiar risks and creating new ones, change at this scale also creates new openings for managing systemic challenges, and ways to build a more prosperous, equitable and sustainable world.

Education must adapt to the needs of the time and become the common denominator of intellectual connection. Education should be a catalyst in bringing about social change and instilling a sense of social responsibility in individuals. Education these days – like most aspects of human life on the planet – is undergoing a period of critical transition. The traditional classroom has been



replaced with a virtual one. The coronavirus pandemic was high time to take decisive action

and move towards an education system that carries the social aspect of the educative process as a significant pillar of the institution. The traditional narrative of education is changing in favour of a more inclusive model that takes into account concepts like distant learning and e-classrooms with a focus on sustaining education through all adversities.



BUIITEMS being an integral part of the society responsible for playing its effective role not only by producing skilled, learnt and aware human resources but also by becoming a hub for climate change awareness and providing feasible and long term solutions. BUIITEMS launched the Quetta chapter of the National Dialogue on Climate Change (NDCC) in March 2021.

Taking up its commitment as the SDG 8 hub, the ventures of BUITEMS are multifold concerning overall growth as an institution. Performing its services beyond education, BUITEMS provides technical and advisory assistance, research initiatives, consultancy services, counselling and employment opportunities for its students, alumni and the community.

As the hub for SDG BUITEMS aims to solarize all its campuses for their energy requirements. In this regard, the university has functionalized a 298 K.W Solar System at NIC connected through

Net Meter to the central power system. The system is exporting power to QESCO through Net Meter from the solar system, particularly on holidays. A Rainwater

Harvesting System (RHS) was also installed at Iqbal Hall BUITEMS in September 2021 that aims to introduce and promote cleaner production techniques and processes for pollution prevention at the source along with integrated water management. The plant can store 1000 gallons of water used for irrigation purposes.



A critical new year's resolution for BUITEMS is to continue to promote and foster innovations for society. Having faced the uncertainty and challenges of the global pandemic, it is certain that our global society will continue to face new and unexpected challenges. So, it is very important that we place emphasis on embracing and introducing new innovations that will help us overcome these challenges by encouraging innovation.



BUIITEMS SENATE

The BUIITEMS Senate, a statutory body, deliberates upon University-wide policies, practices and structure. The perimeter of constituent issues pertaining to academic programs, human capital, budget, infrastructure and professional, educational and community relations of the University fall under the purview of the strategic mandate of the body.



Chairman
Syed Zahoor Ahmed Agha
Governor Balochistan/
Chancellor BUIITEMS



Member
Ahmed Farooq Bazai (SI)
Vice Chancellor
BUIITEMS



Member
Dr. Faisal Ahmed Khan
Pro Vice Chancellor, BUIITEMS
(Upto Dec 03, 2021)



Member
Dr. Abdul Rehman Khan
Pro Vice Chancellor, BUIITEMS
(Dec 07, 2021 - To date)



Member
Syed Jamal Shah
Director General, PNCA



Member
Ms. Raheela Hameed Durrani
Ex. Speaker of Provincial
Assembly of Balochistan



Member
Mr. Asghar Khan Achakzai
MPA, Provincial Assembly
Balochistan



Member
Dr. Rubaba Khan Buledi
MPA, Provincial Assembly
Balochistan



Member
Abdul Nasir Dotani
Principal Secretary to
Governor



Member
Prof. Dr. Hashmat Sarosh Lodhi
Vice Chancellor
NED, University



Member
Dr. Muhammad Aslam
Rector Pakistan Institute of
Engineering & Applied Sciences
Islamabad



Member
Bashir Ahmed Bangulzai
Secretary Colleges, Higher &
Technical Education



Member
Qazi Maqbool Ahmed
Additional Director (RTD)
CNS/APS



Member
Dr. Masoom Kasi
Professor, Quetta Institute of
Medical Sciences



Member
Dr. Zafar Baloch
Professor, Faculty of FOE&A,
BUIITEMS



Member
Dr. Bushra Naeem
Associate Professor
BUIITEMS



Member
Ms. Nida Zafar
Chairperson Management
Sciences, SBKWU



Member
Dr. Anjum Pervaiz
Ex-Registrar, SBKWU Quetta



Secretary
Mr. Jamal Mustafa
Registrar, BUIITEMS
(Upto Dec 31, 2021)



Secretary
Dr. Zahid Rauf
Registrar, BUIITEMS
(Jan 01, 2022 - To date)

BUIEMS SYNDICATE

BUIEMS Syndicate is the apex executive body of the University, assigned to take effective measures to raise the standard of teaching, research and publications and other academic pursuits and exercises general supervision over the affairs and the property of the University.



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Member
Dr. Kamran Sami
Dean/ Professor Faculty of
Engineering, BUIEMS



Member
Dr. Syed Munawar Shah
Dean Faculty of Management
Sciences, BUIEMS



Member
Dr. Raheela Umar
Dean Faculty of Social
Sciences & Humanities,
BUIEMS



Member
Dr. Bakhtiar Kasi
Dean Faculty of Information &
Communication Technology
BUIEMS



Member
Prof. Dr. Muhammad Saeed
Dean Graduate Studies,
BUIEMS



Member
Niaz Muhammad Kakar
Controller of Examinations,
BUIEMS



Member
Dr. Nazeer Ahmed
Dean Faculty of Life Sciences
and Informatics, BUIEMS



Member
Dr. Naeem Shahwani
Dean Faculty Basic Sciences,
BUIEMS



Member
Dr. Syed Muhammad Khair
Professor Faculty of
Management Sciences,
BUIEMS



Member
Dr. Zainab Bibi
Professor
University of Balochistan



Member
Dr. Fariha Saeed
Professor
University of Balochistan



Member
Dr. Muhammad Mushtaq
Professor Faculty of Life
Sciences and Informatics,
BUIEMS



Member
Dr. Bhawani Shankar Choudhary
Professor
Mehran UET Jamshoro



Member
Mr. Baber Faiz
Treasurer, BUIEMS



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BUIITEMS SELECTION BOARD

Performance of employees basically determines the rate of success in any organization. BUIITEMS have a fully authorized selection board which follows the principles of transparency and merit while appointing staff /officers at any position. The skills and abilities of our selection board are reflected in the employees of our University.



Chairman
Ahmed Farooq Bazai (SI)
Vice Chancellor
BUIITEMS



Member
Dr. Ehsan Ullah Kakar
Vice Chancellor
BUET, Khuzdar



Member
Dr. Dost Muhammad Baloch
Vice Chancellor
LUWAMS, Uthal



Member
Dr. Jan Muhammad
Vice Chancellor
University of Turbat



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Dr. Naeem Shahwani
Dean Faculty Basic Sciences,
BUIITEMS



Member
Dr. Bakhtiar Kasi
Dean Faculty of Information &
Communication Technology
BUIITEMS



Member
Prof. Dr. Mudassir Asrar
Member Balochistan Public
Service Commission, Quetta



Member
Dr. Fariha Saeed
Professor
University of Balochistan



Member
Prof. Dr. Muhammad Saeed
Dean Graduate Studies,
BUIITEMS



Member
Dr. Raheela Umar
Dean Faculty of Social
Sciences & Humanities,
BUIITEMS

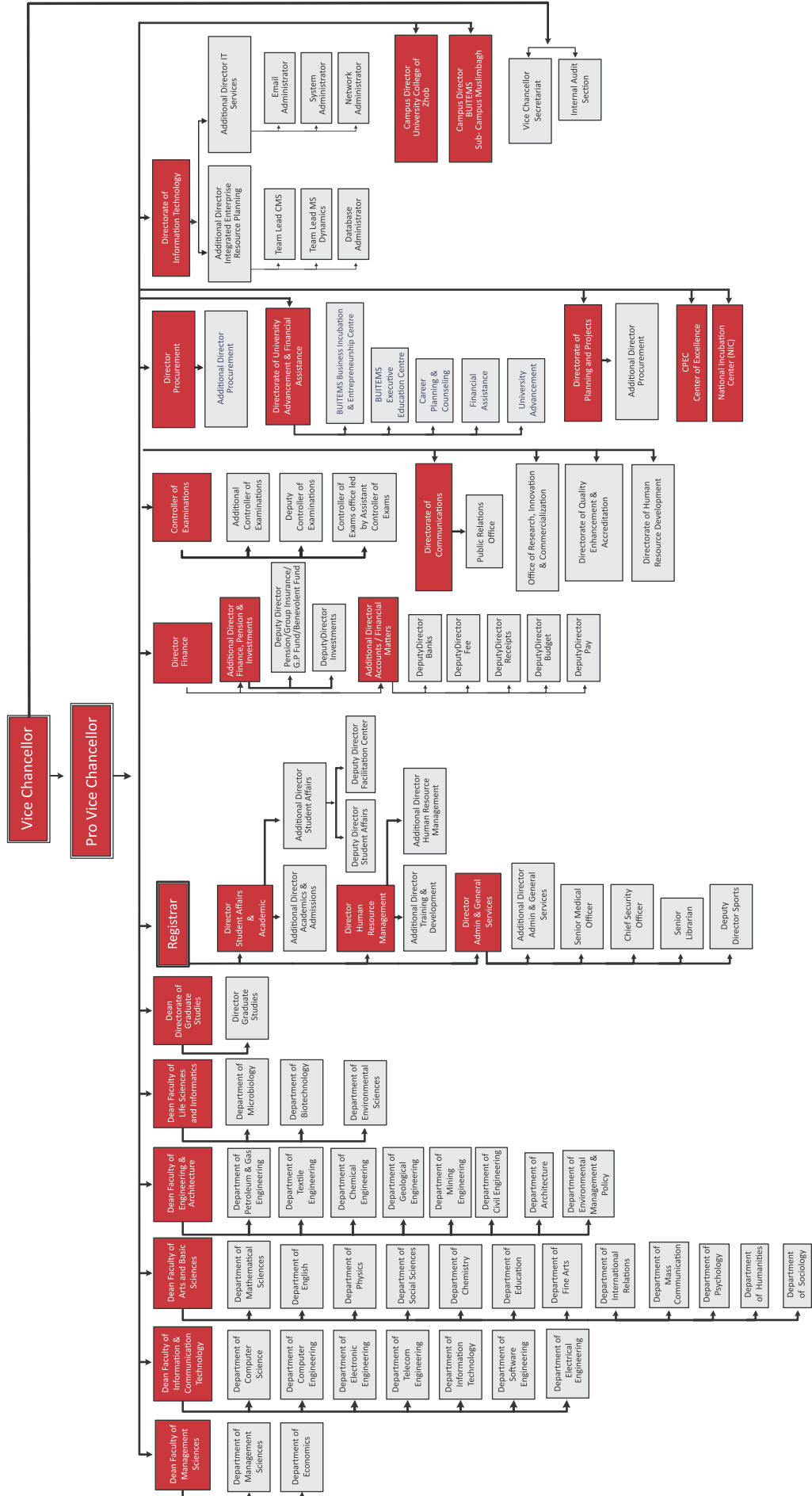


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Registrar, BUIITEMS
(Upto Dec 31, 2021)



Secretary
Dr. Zahid Rauf
Registrar, BUIITEMS
(Jan 01, 2022 - To date)

ORGANOGRAM OF THE UNIVERSITY





FACULTY & STUDENTS



Faculty

Teaching Faculty Positions till December - 2021

Faculty of Information and Communication Technology

S.No.	Name of Department	No. of Faculty Members
1	Electronic Engineerring	19
2	Computer Science	27
3	Computer Engineerring	15
4	Information Technology	13
5	Telecom Engineerring	20
6	Software Engineerring	07
7	Electrical Engineerring	16
Total		117

Faculty of Management Sciences

S.No.	Name of Department	No. of Faculty Members
1	Management Sciences	57
2	Economics	32
3	Public Administration	01
Total		90

Faculty of Life Sciences & Informatics

S.No.	Name of Department	No. of Faculty Members
1	Biotechnology & Informatics	36
2	Environmental Science	19
3	Microbiology	15
Total		70

Faculty of Engineering & Architecture

S.No.	Name of Department	No. of Faculty Members
1	Mechanical Engineering	11
2	Chemical Engineering	21
3	Textile Engineering	15
4	Mining Engineering	16
5	Geological Engineering	12
6	Petroleum & Gas Engineering	14
7	Civil Engineering	33
8	Architecture	22
9	Textile & Fashion Design	04
Total		148

Faculty of Basic Sciences

S.No.	Name of Department	No. of Faculty Members
1	Mathematics	35
2	Physics	18
3	Chemistry	17
Total		70

Faculty of Social Sciences & Humanities

S.No.	Name of Department	No. of Faculty Members
1	International Relations	17
2	Mass Communication	10
3	English	30
4	Sociology	16
5	Psychology	13
6	Fine Arts	12
7	Education	06
8	Pakistan Studies	11
9	Islamic Studies	12
Total		127
GRAND TOTAL		622

Students

Faculty wise enrolled students till Fall-2021

Faculty of Engineering & Architecture

Department	Male	Female	Total
Civil Engineering	482	41	523
Petroleum & Gas Engineering	322	06	328
Mechanical Engineering	209	04	213
Mining Engineering	315	02	317
Geological Engineering	161	08	169
Chemical Engineering	360	05	365
Textile Engineering	173	19	192
Architecture	183	69	252
BS Fashion and Textile Engineering	31	115	146
Total	2236	269	2505

Faculty of Information & Communication Technology

Department	Male	Female	Total
Electrical Engineering	528	16	544
Electronics Engineering	548	72	620
Software Engineering	304	38	342
Computer Engineering	417	50	467
Telecommunication Engineering	193	04	197
Information Technology	422	36	458
Computer Science	414	113	527
Total	2826	329	3155

Faculty of Basic Sciences

Department	Male	Female	Total
Mathematics	145	43	188
Physics	181	36	217
Chemistry	79	44	123
Total	405	123	528

Faculty of Social Sciences & Humanities			
Department	Male	Female	Total
International Relations	390	58	448
Mass Communication	276	45	321
English	292	83	375
Fine Arts	50	61	111
Sociology	201	46	247
Psychology	87	138	225
Education	143	71	214
Total	1439	502	1941

Faculty of Management Sciences			
Department	Male	Female	Total
Management Sciences (MS, PhD)	137	50	187
Management Sciences (MBA)	560	131	691
Bachelor of Business Administration	836	172	1008
Public Administration	251	56	307
Economics	467	63	530
Total	2251	472	2723

Faculty Life Sciences & Informatics			
Department	Male	Female	Total
Biotechnology & information	322	79	401
Microbiology	194	108	302
Environmental Science	197	72	269
Environmental Management & Policy	30	05	35
Total	743	264	1007
Grand Total	9900	1959	11859



Academic Milestones

LEARNING

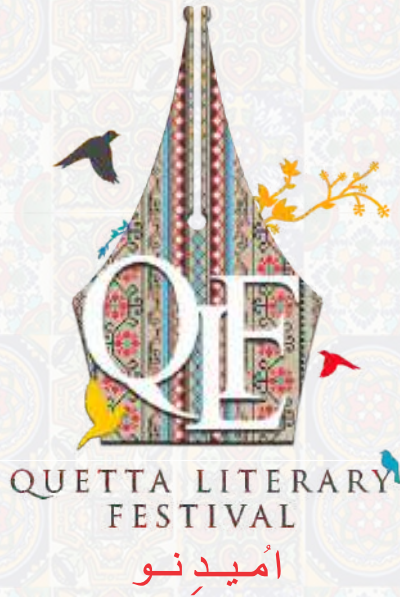
GOAL

EDUCATION

SCHOOL

TEACHING

KNOWLEDGE



QUETTA LITERARY FESTIVAL

امیدنو

27-28th JUNE, 2022



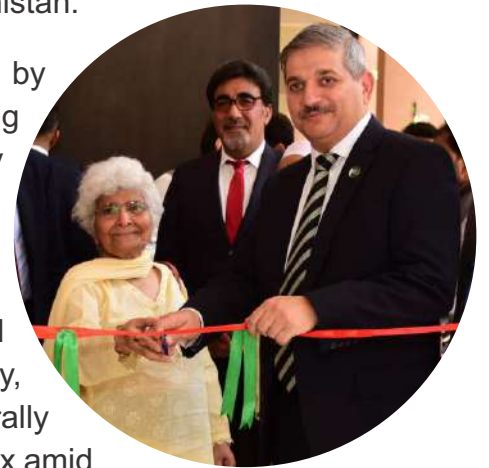
AN INITIATIVE OF
BUIITEMS

Quetta Literary Festival 2022 (QLF'22)

A Much needed Metamorphosis in the Literary, Academic, Intellectual, Cultural and Political aspects of Balochistan

The third edition of the annual Quetta Literary Festival (QLF) was held with all its glory and exhilaration on June 27-28, 2022. The event featured over 200 writers, poets, artists, journalists from across the country and was attended by over 25,000 visitors from all over Balochistan.

The groundbreaking Quetta Literary Festival (QLF) was initiated by BUIITEMS in 2018 as a project where the intelligentsia and the edifying prodigies meet and share their perspectives with a predominantly young audience in an open, and intellectually conducive environment to build a better understanding of the world around them; a practice initiated with an aim to morph the raw, mountainous determination of the Quetta city with the polished authorship and scholasticism. The idea is to introduce the contemporary literary, artistic, and aesthetic dialogue to the culturally



rich city of Quetta to create a shared flux amid

established values and apposite nuances,

ultimately imparting a ripple that will impact the entire province.

Simultaneously, creating a platform for the young artists of Balochistan to showcase their hidden talents alongside the maestros. Unfortunately, as the pandemic hit, the city was deprived of the festival for two years. Now that the world has returned to normal, QLF has come back to the city. The third QLF took place in BUIITEMS University Takattu Campus on 27th and 28th June, 2022.



The event saw the presence of guests and speakers from various fields and disciplines of human ingenuity ranging in arts and literature, economy and

politics, science and education, and children's literature. Celebrated literary figures like Answer Maqsood, Amjad Islam Amjad, Dr Arfa Syeda Zehra were included in the long line-up of speakers and

guests for the various sessions. The inaugural ceremony of the event took place in Markhor Auditorium, BUIITEMS on Monday, 27th of June, 2022 with the session Saqafat: Kal aur Aaj which took place where Dr Arfa Sayeda Zahra and Amjad Islam Amjad had a conversation with Adeel Afzal about the cultural values and gradations in present day and age. This session set the stage for the next two days. Other sessions that took place around the same time were Photography and Painting Exhibition by BRSP, Wildlife Photography Exhibition of Mayen Khan and Ashraf Khan, and the Art Gallery showcasing skillful art works of fine artists from BUIITEMS.



The session 'Federalism, Regional Development and the 18th Amendment in Pakistan', was organized in the Orange Hall which was moderated by Dr. Hafeez Jamali and included a discussion by Rafiullah Kakar, Dr. Asim Bashir Khan and Dr. Asma Faiz on the subject, and it captured active participation from the audience as well. Simultaneously in the Training hall, a session for kids known as Stranger Danger – Safe Space Training for Primary School Kids and How to Communicate with Kids and Adolescent Children was arranged. In Purple hall, Mr Ayub Tareen, Kazim Mengal, Mehak Shahid and Syed Ali Shah were engaged in the session 'Challenges of Journalism in Balochistan' respectively. Furthermore, the session 'Why Write? – A Talk With Contemporary Writers' featured Farid Kasi, Omar Shahid Hamid, Fatima Ijaz, and Taha Kehar in Pink Hall. Featured in parallel, was a mesmerizing talk on Islamic Art and Architecture titled Majaz aur Haqiqat by the famed architect Ar. Hassan Taimoor Khan Mumtaz in the Markhor Auditorium.



Markhor Auditorium had its share of participation when the inaugural of the 11th Book Fair took place at 12 p.m. The sessions of 1:00 PM to 1:45 included, Book Launch – Maati Zubanani Arzesht by Yar Jan Badini, moderated by Mah Noor at the Pink Hall, Book Launch – Kuch Ishq Kiya by Mohsin Shakeel, moderated by Ahmed Waqas in the Green Hall, Book Launch – Conceptual Metaphors of Melancholy in Brahui Language by Rabia Baloch, Session guest, Ghamkhar Hayat, moderated by Syed Rahimuddin Agha in the Purple Hall, Book Launch Daryab Pa Koza Ki by Dr. Abdul Rauf Rafiqi, moderated by Abdul Waseh Khan in the CPEC Hall, Session on ADHD and Autism Spectrum Online including Sophia Layla, and Dr. Ghina Saleem in the Training Hall, Book Launch – Pashtuns Image in the Orientalist Discourse by Barkat Shah Kakar, moderated by Ali Arqam in the Orange Hall, and a session titled Tehzeeb Taleem O Zindagi including Apa Arfa Sayeda Zehra, Dr. Qandeel Badar in the Markhor Auditorium Hall.

The Sessions from 2:00 pm to 3:15 pm included, Balochi Dastunk Zeek O Marchi including Dr. Rahim Meher, Muneer Momin, Sharaf Shad, AR Daad in the Green Hall, Political Memoirs: Light and Shade --- A Conversation between Senator (R) Javed Jabbar and Syed Jaffer Ahmed in CPEC Hall. Towards a Political Economy Analysis of Underdevelopment in Balochistan: A Historical Analysis with Dr. Manzoor Ahmed, Dr. Mir Saadat, Rafiullah Kakar, Saira Lehri in the Purple Hall. 'Thay Khwab Aik Hamaray Bhi aur Tumharay Bhi' with Amjad Islam Amjad, Tamseel Hafsa in the Orange Hall.

Hum Dekhengey – Music and Social Mobilization including Dr. Taimur Rehman, Naeem Dilpul, Ali Aftab Saeed, Sajjad Gohar in the Markhor Auditorium. Higher Education in Pakistan. Where do we Stand? With Saboor Kakar, Dr. A H Nayyar, Zahoor Buledi, Dr. Abdul Samad, Dr. Fozia Ahmed, Dr. Faisal Khan in the Pink Hall. Carrying forward, the sessions from 3:30 pm to 5:00 pm included Rakh & Pargorh – A Discussion on the Conservation of Nature between Khudad Wajoo, Yahya Musakhail, Dr. Quratulain Bakhteari, Ashiq Khan, Dr. Malik Mohammed Akhtar in the Orange Hall. Ideas and Frames – Emerging Filmmakers in Contemporary Pakistan amongst Dostain Baloch, Farqalit Gharshin, Adil Bizenjo, Dariq Raiz, Zakir Daad, Kohi Marri, Hafeez Sheerani, Asif Ali Muhammad in the Purple Hall. Book Launch – My Life and Times – A biography of Khan Shaheed by Muhammad Khan Achakzai in the Green Hall. Book Launch – Culinary Tales from Balochistan by Nilofar Afridi Qazi, moderated by Aqsa Gharshin in CPEC Hall.



One busy spot of the QLF that saw continuous buzz and excitement was the live music and cultural dances at the food court garden. The food court was a careful curation of sumptuous traditional and continental food stalls with a Gidaan (a Balochi/Pashtun nomad tent) providing a stage for amateur indigenous musicians. The live music and musical performances provided a fascinating ambience where visitors joined the huddles of cultural dances that continued throughout the two days of the festival. The food court, its music and dances were one of the most delightful sights in the QLF that resonated vibes of hope and joy for people coming from different parts of the province and the country.



Vibrant sessions from 5:15 to 6:45 included A Talk with the legend Anwar Maqsood in Markhor Auditorium which included Ali Aftab Saeed as the moderator. Bruhui Mushaira featuring Sair Aziz, Shakir Nadeem, Shehzad Ghani, Nizaam Nazeri, Prof. Hasan Nasir, Hameed Azizabadi, Ghamkhar Hayat, Alam Ajeeb, Gharib Shah Anjum, Afzal Murad was held in Purple Hall. Balochi Mushaira featuring Balochi Poets was held at Pink Hall. Indigenous artists presented crowd puller performances from 7:00 pm to 8 pm. Ahmed Khan and Adeel Afzal's groundbreaking performance took place at the expo center. Simultaneously, Rozi Khan Shauq, a Pashto stand up comedian, presented his amusing performance in front of hundreds of jam packed audience in the orange hall. The first day included all-day activities for kids at the Kid's Corner in SS Block Corridors which included Calligraphy Desk with Hassan Akhlaqi, Routine Immunization Awareness for Parents, University Tour, Tug of War, Paint your Shoes, Lemon Spoon Race, Puzzles, Magic Show and other activities. The first phase of the QLF commencing on 27th June ended with the Urdu Mushaira from 8:15 pm onwards. The mushaira was held at the Expo Center and included Sawar Javed, Beeram Ghauri, Mohsin Shakeel, Mustafa Shahid, Mohsin Changezi, Qandeel Badar, Ahmed Waqas, Yaseen Zameer, Tamseel Hafsa, Saleem Shehzad, Salam Aasi, Injeel Sahifa, Awais Asaidi, Bilal Asvad, Wasaf Basit, Anjum Akbar, Faiz Mohammad, Sania Khan.

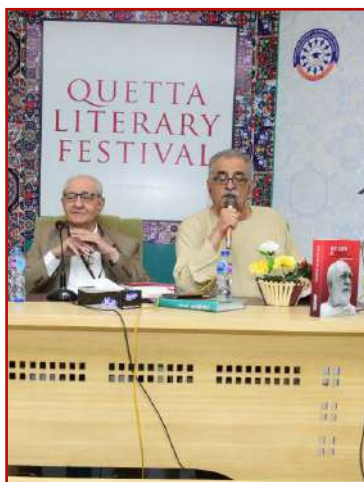
The second day included a multitude of sessions that took place. The sessions included 'Urdu Adab, Taraqi Pasand, Riwayat aur Balochistan', Water Crisis in Balochistan – Every Drop Matters, Book Launch – Sadia Nafas E Bagheecha – Sohraab Sepehri aur Muneer Niyazi ka Taqabuli Jaiza, Refugee Students Gala, Perspectives on Urban Marginality, Master Class on Creative Writing by Maliha Bazai, Urdu se Agay: Globalization and the Future of Brahui Literature, Wide Open World: How Volunteerism Makes it Better, Colonial Balochistan: Production of Knowledge, Subjects and Consciousness, Menstrual Hygiene Management Session, Film Screenings, Panel Discussion on Single Curriculum, Book Launch – Four Dervaises, Book Launch: Struggle for Hegemony in Pakistan: Fear, Desire and Revolutionary Horizon, Role of Language Academies in the Promotion of Regional Languages, Dynamics and Challenges of Culture and Tourism in Balochistan, The Economic Crisis – How did we get here?, Discovering the Feminine Around Us, Mera Sheher Mujhey Wapas Kardo, A Discussion on Quetta City, Book Launch – Thinkers, Dreamers and Doers, Creativity and Constraints in Pakistani Cinema, Pashto Mushaira, Hazargi Mushaira, Hassay tou Phassey by Mustafa and Faisal Chaudhary moderated by Ali Aftab Saeed. All day activities continued at the calligraphy desk with Hassan Akhlaqi, routine immunization awareness for parents, university guided tours, tug of war, paint your shoes.



QLF 3rd would not have been possible without the generous support of the sponsors and partners. The sponsors include the Higher Education Commission, Serena Hotels, UNICEF, Pakistan Polio Eradication Programme, Delegation of the European Union to Pakistan, Defence Housing Authority Quetta, PPL, UNDP, Oxford University Press, Kasib Associates, Bank Islami and HUB for SDG8. The event was also supported by media partners the Jang Media Group and Geo News whose support made it possible to reach to audience across the country and beyond.

The QLF has set a precedent unlike anything that the city of Quetta has ever witnessed. It has become a literary symbol of the city. The 2022 edition of the event has continued to trailblaze and become a torch bearer of academia, literature, culture, tradition, poetry and arts. The organizers, university management and everyone involved with the event have done a commendable job by pulling off an event of such magnitude giving hope to the province of Balochistan and further becoming a beacon of light that promises the inhabitants that intellectual, academic and literary prosperity is but near for the people. All they need to do is become a part of this metamorphosis and optimistic change in the future and set a precedent for the generations to come.

The social media pages kept digital community fully engaged with updates throughout the two happening days and beyond. The bits of the event were available at various social medias including the QLF website (<https://www.quettaf.org/>), Twitter (@QuettaLF), Facebook (@QuettaLF), and Instagram (@QuettaLF)





Convocation	Date	Governor Balochistan Chancellor BUITEMS	Vice Chancellor BUIITEMS
1 st Convocation	28 th April 2006	Owais Ahmed Ghani	Dr. Muhammad Abbas Choudhary
2 nd Convocation	30 th November 2006	Owais Ahmed Ghani	Dr. Muhammad Abbas Choudhary
3 rd Convocation	5 th December 2007	Owais Ahmed Ghani	Ahmed Farooq Bazai
4 th Convocation	16 th December 2008	Nawab Zulfiqar Ali Magsi	Ahmed Farooq Bazai
5 th Convocation	5 th January 2010	Nawab Zulfiqar Ali Magsi	Ahmed Farooq Bazai
6 th Convocation	8 th December 2010	Nawab Zulfiqar Ali Magsi	Ahmed Farooq Bazai
7 th Convocation	24 th January 2012	Nawab Zulfiqar Ali Magsi	Ahmed Farooq Bazai
8 th Convocation	26 th December 2012	Nawab Zulfiqar Ali Magsi	Ahmed Farooq Bazai
9 th Convocation	31 st December 2013	Muhammad Khan Achakzai	Ahmed Farooq Bazai
10 th Convocation	3 rd December 2014	Muhammad Khan Achakzai	Ahmed Farooq Bazai
11 th Convocation	10 th December 2015	Muhammad Khan Achakzai	Ahmed Farooq Bazai (S.I)
12 th Convocation	22 nd December 2016	Muhammad Khan Achakzai	Ahmed Farooq Bazai (S.I)
13 th Convocation	14 th December 2017	Muhammad Khan Achakzai	Ahmed Farooq Bazai (S.I)
14 th Convocation	20 th December 2018	Justice (Retd) Amanullah Khan Yasinzai	Ahmed Farooq Bazai (S.I)
15 th Convocation	19 th December 2019	Justice (Retd) Amanullah Khan Yasinzai	Ahmed Farooq Bazai (S.I)
16 th Convocation <i>virtual convocation</i>	30 th December 2020	Justice (Retd) Amanullah Khan Yasinzai	Ahmed Farooq Bazai (S.I)
17 th Convocation	15 th January 2022	Syed Zahoor Ahmed Agha	Ahmed Farooq Bazai (S.I)



AWARDS & HONORS



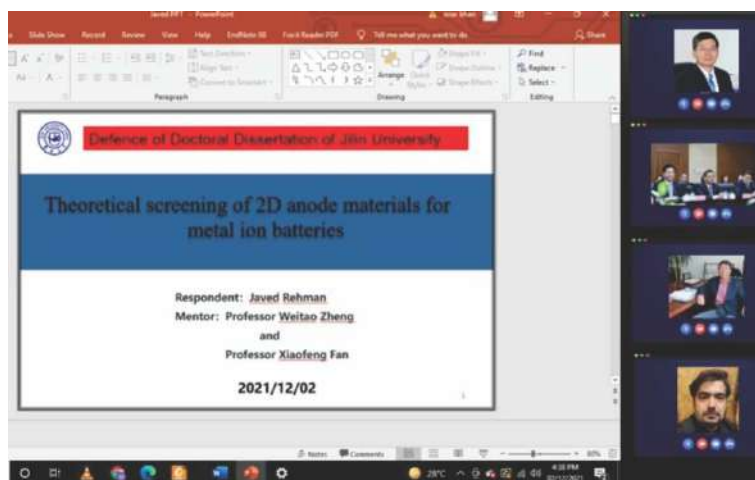
Honour for BUITEMS

Ms. Sunila, Assistant Professor of Physics, got her Ph.D. degree from the University Of Science And Technology Of China, Hefei, China, on October 20, 2021. She is serving as an Assistant Professor in the Department of Physics with over 12 years of experience. Her research interests include condensed matter Physics, Quantum Chemistry, Density Functional Theory with prediction tools, and interdisciplinary machine learning techniques. She public the first author paper titled



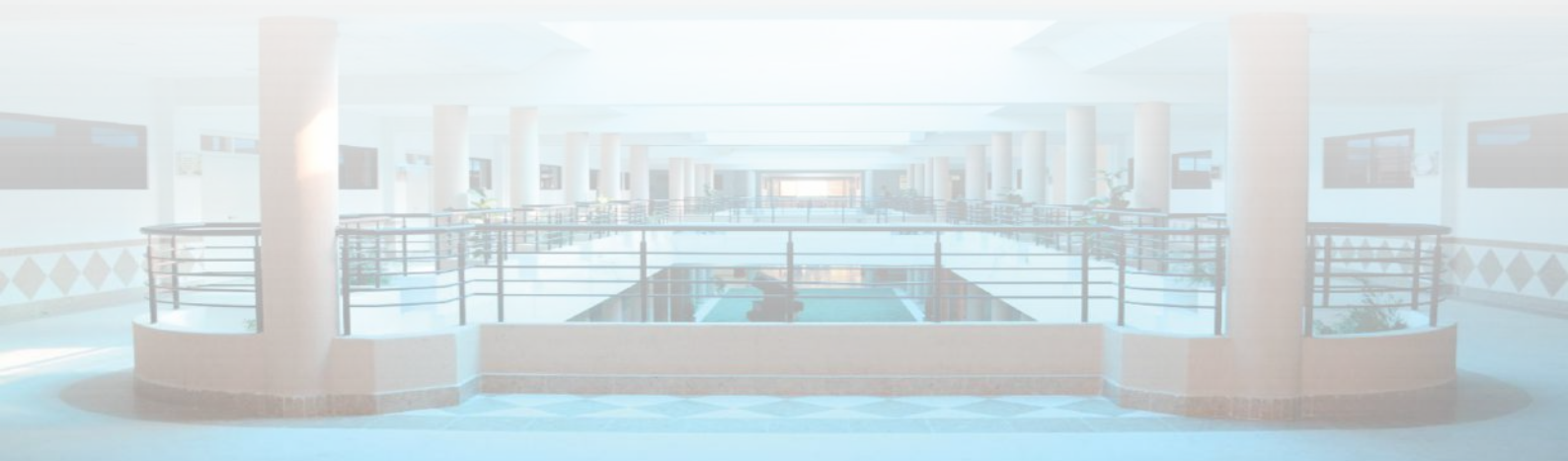
"Beryllium and Magnesium Metal Clusters: New Globally Stable Structures and G0W0 Calculations".

Honour for BUITEMS



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 2nd December 2021. During his Ph.D. studies, Dr.

Javed built a strong experience in 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 rejoined the Department of Physics, BUITEMS, on 2nd September 2021.





BUITEMS BUILDING LEADERSHIP

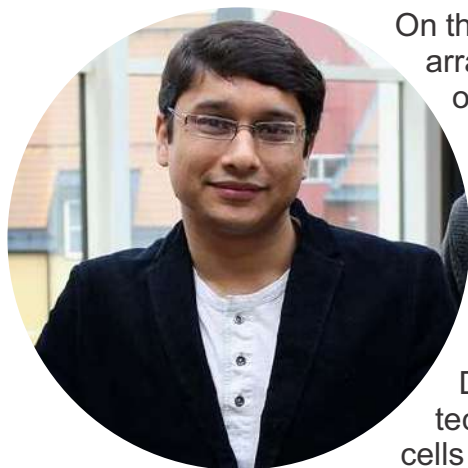


Outcome-Based Education (OBE)

A session on Outcome Based Education (OBE) was organized by the Departmental Academic Review Committee (DARC), Department of Electronic Engineering, Faculty of Information and Communication Technology (FICT), BUIITEMS, Quetta. The session was chaired by the DARC head, Dr. Yousuf Khan. Dr. Muhammad Ayub Tareen (chairperson), Engr. Muhammad Shakeel Akram (lecturer), and Engr. Syed Asad Ullah (lecturer) from the Department of Electronic Engineering facilitated the session. Students were given exposure and an overview of the OBE framework and its significance to the Pakistan Engineering Council (PEC) accreditation process of an engineering program & Program Educational Objectives (PEOs), Program Learning Outcomes (PLOs), Course Learning Outcomes (CLOs), Assessment Methods, Key Performance Indicators (KPIs), CLO & PLO attainment, open-ended lab, and complex engineering problems.



Panel Discussion on Research with a Societal Impact



On the theme of Research with a Societal Impact, a panel discussion was arranged by ORIC on March 19, 2021. The comprehensive session was open to both faculty members and students. The panellists were among some of Pakistan's brilliant intellectuals: Dr. Hafeez Jamali, Additional Secretary (Federal Projects) in the Government of Balochistan. Dr. Faisal F. Khan is currently affiliated with CECOS University Peshawar. Dr. Syed Ali Hassan, the Director of the Information Processing and Transmission Lab as well as affiliated with SEECS NUST.

Dr. Syed Ali Hassan informed the audience about AI and other technological aspects. Dr. Faisal F. Khan brought to focus on cancer cells and their perseverance. At the same time, Dr. Hafeez Jamali engaged the audience with his multi-disciplinary experiences: particularly explaining policies and research framework.



Professional Challenges for Women in Architecture and Civil Engineering

In collaboration with the Architecture Department, the Department of Civil Engineering organized a session on the "Professional Challenges for Women in Architecture and Civil Engineering" on March 26, 2021, at Takatu Campus BUIITEMS. The session aimed at creating awareness against misconduct and offensive behaviour faced by young women in the construction industry. Ms. Palwasha Amanullah, Chairperson Architecture Department, initiated the session with a welcome note to



the speakers and enlightened the students that the profession of civil engineering and architecture in our country is perceived to be predominated by men. However, women internationally and in Pakistan have made significant contributions to the discipline. The speakers of the session were Ms. Nazish Fatimah Jami, Senior Bridge Engineer at Windsor Detroit Bridge Authority, Federal Ministry of Transportation, Canada, Ms. Andaleeb Rizvi, Senior architect in Karachi and member of the business desk of News International, the Jong Group, Ms. Ghazala Azim Farooque, Technical Director (Structures), and Ms. Maliha Abbas Zaidi, CEO and Founder of National Dialogue on Climate Change. The speakers elaborately shared their struggles and professional experience of working in Pakistan and abroad. The audience was briefed on the challenges a female engineer faces in the industry, particularly during fieldwork. The session ended with a vote of thanks by Dr. Saeed Ullah Jan Mandokhail, Chairman of the Department of Civil Engineering.

“How to Win Research Grants”



The Civil Engineering Department organized a lecture on research proposal writing on March 29, 2021. It emphasized the importance of a well-established research proposal, its different features, and techniques for attracting funding agencies. Professor Dr. Syed Imran Ahmed, a renowned Scientist in Water Resources and Professor at NED UET, Karachi, initially discussed the basics of writing research proposals. Dr. Ahmed has sheer experience working in Balochistan, under the supervision of the World Bank, Asian

Development Bank, and the Government of Balochistan. Presently he is a member of the Government of Pakistan's Technical Committee on Diامر - Bhasha Dam. The session ended with a vote of thanks by Dr. Saeed Ullah Jan, Chairman Department of Civil Engineering.

Public Speaking and Policy Debates

The Department of Civil Engineering organized a session on Public Speaking and Policy Debates on March 29, 2021, at BUIITEMS. The session was facilitated by Ms Maliha Abbas Zaidi, a civil engineering graduate of NED UET Karachi, who is currently the CEO and founder of the National Dialogue on Climate change (NDCC). She is the former speaker of the Youth Parliament of Pakistan and served as Associate News Producer on the BOL news channel. Ms Zaidi focused on the importance of eloquent public speaking.



Intellectual Property Rights and Book Piracy

The Oxford University Press, in collaboration with BUIITEMS, conducted an awareness session on "Intellectual Property Rights and Book Piracy" on April 02, 2021, at BUIITEMS Takatu Campus. Faculty members, administrative staff, and students participated in the session. The session provided awareness regarding the violation of Intellectual Property laws while focusing on its negative effects, depriving the Government of taxes, and creating unemployment.



Psychology Department Community Work: Juvenile Jail Project



The students of the Psychology Department visited the Juvenile jail on June 10, 2021. Our students Ayesha Asad, Rozal Islam, Maham Asad, and Naseer Khan Achakzai came up with this project to help juvenile delinquents prepare for the outside world. The students provided them with unique school bags donated by faculty members containing stationery and spiritual storybooks they needed to continue their hobbies.

Project for Transgender Community in Quetta

BUIITEMS Psychology Department offered a compulsory Community work course to 7th Semester students on 10th June 2021, where students were made aware of the importance of the course. This project was first to understand the problems and difficulties faced by trans women in Quetta and try to help them financially and create awareness in society. Team members of the project include Asiya Batool, Mahnoor Rashid, Arooj Fatma, Manzoor Ahmed, Mariam Habib, and Urooj Sajjad.



For this project transgender community was contacted by the course supervisor, and a meeting was conducted with students and four transgender people in Quetta.



Some transgender people were also enrolled in an English language teaching centre with financial support given by the BUITMS family. The Government of Pakistan announced monthly stipends for all transgender people in Pakistan very recently. The Twitter Campaign with hashtags [#StipendToTransgendersInBalochistan](#) and [#SupportTransgendersInBalochistan](#) gained much attention on social media, and the Government asked for the assistance of students to design a proposal for the betterment of the transgender community in Quetta. Students are currently working on the proposal.

Session on Sensitivity and the Third Gender

For creating awareness in society, an open online session on “Gender Sensitivity and the Third Gender” was conducted on 10th June 2021. Clinical Psychologist, Raza Najafi joined the team as a guest speaker and project supervisor Anqa Gharshin. Two trans friends Abhishay from the Fine Arts department of BUIITEMS and Mehtab from the Hazara community, joined the session to share their experiences as trans women in Quetta. The Psychology Department aims to continue working on gender sensitization for all genders with the Government and different university departments.



Psychology Department Community Work: Career Counseling in SOS Village



Students from the Psychology Department, namely; Siraj Ajmal, Sakina Zahidi, and Zeeshan Haidar, chose to work with the students of SOS Village to guide them in their future careers through active Careers Counselling.

Our students have conducted two sessions and had five visits to the village. On the first visit on 10th June 2021, students, along with their course supervisor, met the head of the village, Mr. Jahanzaib. The team came up with a detailed career counseling program and they are extending their

support to the SOS Village students in their current semester.

Community Work Project

Psychology Department's Community Work targeted communities that are oppressed and deprived of fundamental rights. The group A included; Mariam Javed, while group B included; Minahil Tareen, Radia Shah, and Hunza Mirwani, completed the following tasks on 10th June 2021;

- Ration drive in the month of Ramzan ,Cleanliness drives across campus to normalize the use of dustbins
- Awareness Session by consultant dietician, Dr. Lalarukh Malik on Polycystic Ovary Syndrome (PCOS) on Zoom to create awareness of PCOS among young females
- Body Weight and Mental Health session by Anqa Gharshin, lecturer BUIITEMS. on Zoom,



Screening of TV News Bulletin

The Department of Mass Communication displayed oversized screen news bulletin packages on October 12, 2021. These included ten 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 participating faculty members highly applauded the news bulletin package produced by Ms. Aqeela Maqbool, Shakila Zawar, Bibi Nooria, and Arif Hussain. The Vice-Chancellor BUIITEMS appreciated students' performances in creating media content comparable to leading international TV channels.



Prospects and Challenges of the PMDA Bill



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.

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

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 developing 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 collecting BRA Taxes through Alternate Delivery Channels (ADCs) at BUIITEMS. Mr. Hidayatullah was the lead facilitator of the 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 of QE&A BUIITEMS.

Building Social Stability through Education

Social responsibility is the core value of BUIITEMS; for the same, the Department of Education allows students to engage in social work activities as part of their courses. With the guidance of the Islamic Studies instructor, Ms. Asia Durrani, the department initiated several activities such as facilitating patients and providing them with medicines and other necessities; distributing masks and gloves among the university staff to sensitize, as well as providing a one-time meal to lower staff and Tree Plantation.







MEETINGS



32nd Meeting of Advanced Studies and Research Board

The Advanced Studies and Research Board (AS&RB) of BUIITEMS arranged its 32nd meeting on January 7, 2021, under the Chairmanship of Praiseworthy Vice-Chancellor, Ahmed Farooq Bazai S.I.

The Dean, Graduate Studies Office, the respected Pro-Vice-Chancellor, Registrar, Deans, and Co-opted members joined the meeting. Dr. Zahid Rauf presented agenda items, including reviewing decisions taken in the 31st Meeting of AS&RB/ Progress /Appointment of Supervisors/ Co-Supervisors and Approval of Synopses for Ph.D./MS Students. Approval of Cancellation of Registration of MS students, Change of Thesis Title of a Ph.D. student, and Approval of Penal of Examiners was part of the agenda.



55th Human Resource Development Committee (HRDC)



The 55th Human Resource Development Committee (HRDC) meeting was held on May 27, 2021, at Training Hall, BUIITEMS, Takatu campus, under the Chairmanship of the Pro-Vice Chancellor, BUIITEMS Dr. Faisal Ahmed Khan, Registrar BUIITEMS, Faculty Deans, and Directors attended the meeting. Additional Director, Mr. Malik Imran Kasi, presented agenda items, including a request for study leave, extensions in study leave, scholars who joined back after availing of study leave, and other cases for deliberations by

the HRDC members. The recommendations were made accordingly. The meeting ended with a vote of thanks to the Chair.



22nd Meeting of BUITEMS Academic Council

The 22nd meeting of the BUITEMS Academic Council was held on June 3rd, 2021, at Takatu Campus BUITEMS under the chairmanship of the Vice Chancellor, Mr. Ahmed Farooq Bazai (SI). The Pro Vice Chancellor, Registrar, Deans, Professors, Department Heads, Director University College of Zhob & Muslimgagh, and Librarian attended the meeting. Only the Deans of the faculties and Agenda presenting members attended the meeting physically. The rest of the members attended the said session online due to Covid-19 SOPs.



The Deans presented the Board of Faculties, and department heads of Civil Engineering, Electronic Engineering, Electrical Engineering, & Petroleum and Gas Engineering presented their respective Board of Studies. The agenda items regarding the nominations of members by the council on various statutory bodies, including; the Discipline Committee, Finance & Planning Committee, Advanced Studies and Research Board, Affiliation committee, and BUITEMS Senate, were considered by the council. The council thoroughly deliberated and approved the academic matters of the university, accorded approvals, and made specific recommendations. The meeting concluded with a vote of thanks to the Chair.

Institutional Performance Evaluation for the Year 2021

The Directorate of QE&A has conducted the self-Institutional Performance Evaluation (IPE) for all the campuses of BUITEMS on June 28-29, 2021, to evaluate and analyze the University Portfolio Report (UPR) prepared by the directorate based on the guidelines provided by HEC. The review was conducted as per the eleven IPE standards: Mission Statements and Goals, Planning and Evaluation, Organization and Governance, Integrity, Faculty, Students, Institutional Resources, Academic Programs and Curricula, Public Disclosure & Transparency, Assessment, and Quality Assurance, and Student Support Services. To perform the



task, an IPE panel was constituted, which comprised the following external and internal members: Dr. Muhammad Naeem Shahwani, Dean, Faculty of Basic Sciences, BUITEMS, Dr. Syed Kamran Sarni, Dean, Faculty of Engineering and Architecture, BUITEMS, Dr. Bakhtair Khan Kasi, Dean, Faculty of Information and Communication Technology, BUITEMS, Dr. Asma Khalid, Director QE&A, Sardar Bahadur Khan Women University, Balochistan, Dr. Rozina Sheikh, Associate Professor, Faculty of Life Sciences and Informatics, BUITEMS. After the detailed deliberation, the panel appreciated many areas where BUITEMS is proving and maintaining the standards of a world-class university. Moreover, the panel gave some recommendations for further improvements in certain areas. At the end of the review, the director QE&A, Syed Dara Shiko Amir expressed his gratitude to the panel and acknowledged their efforts to complete the self IPE at BUITEMS.



2nd Industrial Advisory Board (IAB) Meeting

The 2nd Industrial Advisory Board (IAB) meeting was held on July 1, 2021, by Petroleum & Gas Engineering Department. The main objective of the meeting was to further strengthen the Outcome-Based Education (OBE) at the department by taking experts' opinions from both academia and industry. This meeting also endorsed the progress since the last IAB meeting.



29th Meeting of BUIITEMS Finance & Planning Committee



The twenty-ninth (29th) meeting of the Finance & Planning Committee of BUIITEMS, was held on 8th July 2021, under the chairmanship of Vice-Chancellor BUIITEMS. The Director Finance BUIITEMS/Secretary BUIITEMS Finance & Planning Committee presented the agenda items before the house for deliberation and recommendations. Accordingly, the house discussed the agenda items in detail and made recommendations for the approval of BUIITEMS Syndicate and Senate.



35th Meeting of BUITEMS Syndicate

The 35th meeting of the Syndicate of BUITEMS Quetta was held on 12th August 2021 under the Chairmanship of worthy Vice-Chancellor, Mr. Ahmed Farooq Bazai (S.I).

The following attended the meeting: -

- **Mr. Ahmed Farooq Bazai,**
Vice-Chancellor BUITEMS.
Chairman
- **Dr. Faisal Ahmed Khan,**
Pro-Vice-Chancellor BUITEMS
Member
- **Dr. Zainab Bibi,**
Professor, Institute of Management Sciences,
University of Balochistan, Quetta.
Member
- **Dr. Fariha Saeed,**
Professor, Department of English,
University of Balochistan, Quetta
Member
- **Dr. Bhawani Shankar Chowdhry,**
Professor Emeritus and Advisor,
Mehran University of Engineering and Technology,
Jamshoro (Virtually attended the meeting)
Member
- **Prof. Dr. Muhammad Naeem Shahwani,**
Dean, Faculty of Basic Sciences, BUITEMS
Member
- **Prof. Dr. Nazeer Ahmed Durrani,**
Dean Faculty of Life Sciences and Informatics,
BUITEMS
Member
- **Dr. Zahid Rauf,**
Dean Graduate Studies Office,
BUITEMS.
Member
- **Dr. Syed Kamran Sami,**
Dean Faculty of Engineering &
Architecture, BUITEMS
Member
- **Dr. Bakhtiar Khan Kasi,**
Dean Faculty of Information and
Communication Technology, BUITEMS
- **Dr. Raheela Umar,**
Dean Faculty of Social Sciences &
Humanities, BUITEMS
- **Dr. Syed Munawar Shah,**
Dean Faculty of Management Sciences,
BUITEMS
Member
- **Prof. Dr. Abdul Salam Lodhi,**
Director, University College of Zhob,
BUITEMS
Member
- **Prof. Dr. Mohammad Saeed,**
Department of Environmental Sciences,
Faculty of Life Sciences & Informatics,
BUITEMS
Member
- **Prof. Dr. Muhammad Mushtaq,**
Department of Microbiology,
Faculty of Life Sciences & Informatics
Member
- **Mr. Babrak Ali Panezai,**
Director, BUITEMS Sub Campus Muslim Bagh
Member
- **Mr. Ghulam Mujtaba Junejo,**
Controller of Examination, BUITEMS
Member
- **Mr. Babar Faiz Baloch,**
Director Finance, BUITEMS
Member
- **Syed Dara Shikoh Amir,**
Director, Quality Enhancement &
Accreditation, BUITEMS
Non-voting Member
- **Dr. Anayatullah,**
Director ORIC,
BUITEMS
Non-voting Member
- **Mr. Jamal Mustafa,**
Registrar, BUITEMS
Secretary



The Vice-Chancellor BUITEMS/Chairman BUITEMS Syndicate formally welcomed all the Syndicate members to the meeting. The Registrar, BUITEMS / Secretary BUITEMS Syndicate, with the permission of the chair, tabled the agenda items related to academic and administrative matters of the University for consideration and deliberations. The Syndicate deliberated upon the presented agenda items, and the decisions were made accordingly. The meeting ended with a vote of thanks to the chair and members.



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

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



Dr. Zafar Baloch, Department Chairperson, chaired the meeting. Eng. Muhammad Saeed, Superintending Geophysicist, Geological Survey of Pakistan (GSP), 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 Sibi, was invited as an IAB Geological Engineering Department member. They participated as experts in reviewing course contents of the 5th Board of Studies (BOS) approved by the Department Quality and Enhancement Cell (DQEC). The members also agreed to provide internships to BS Geological Engineering students. The Director, (GSP) assures that they will sign an MOU with the Department of Geological Engineering.

56th Human Resource Development Committee (HRDC)



The 56th Human Resource Development Committee (HRDC) meeting was held on December 01, 2021, at BUIITEMS, Takatu campus, under the chairmanship of the then Pro-Vice-Chancellor BUIITEMS, Dr. Faisal Ahmed Khan. The 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 (NCRC) Meeting

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



10th Meeting of BUITEMS Senate

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

The following attended the meeting: -

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



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

The Secretary started the proceedings of the meeting and tabled the university's agenda items about academic, budget, policies, and administrative matters 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.



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

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

The Department chairperson, Dr. Zafar Baloch chaired the meeting, Prof. Dr. Muhammad Zubair Abu Bakar, Dean, Faculty of Earth Sciences and Engineering, UET Lahore, and Prof. Muhammad Ashraf Tanoli, Chairman, Department of Civil Engineering, GIK, Institute (Joined Online) were invited as members of the BoS of Geological Engineering Department.



Dr. Syed Kamran Sami, Dean, Faculty of Engineering & Architecture (FoE&A), 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 Geological Engineering Department faculty members participated in the meeting.

Board of Studies (Department of Chemistry)



The third meeting of the Board of Studies, Department of Chemistry was held on February 25, in the meeting room of the Faculty of Information and Communication Technology (FICT) at BUIITEMS Quetta. The session was chaired by the Chairperson of the Department of Chemistry, Dr. Hameeda Panezai. The meeting was attended by Professor Dr. Wajid Rehman, Chairperson, Department of Chemistry, Hazara University Mansehra as an external Board member, along with other faculty members, namely: Prof. Dr. M. Naeem Shahwani, Dr. Fouzia Abdul Sattar, Dr. Fayyaz Ahmed, Dr. Muhammad Nawaz, Dr. Gulfam Nasar, Dr. Shazia Iqbal, Dr. Aziza Sarwar, Ms. Samra Farooq, and Syed Dara Shikoh Amir.

The agenda items included revising the existing curriculum of BS, MS, and Ph.D. according to the guidelines of HEC Curriculum NCRC 2013. The Ph.D. admission criteria in Chemistry were also revised for approval. After detailed deliberations, the members unanimously agreed upon the proposed changes incorporated into the BS, MS, and Ph.D. curriculum.





**VISITS
&
STUDY TOURS**

University College, Zhob Visited by National Incubation Center, Quetta

The crew of the National Incubation Center (NIC), Quetta, Mr. Syed Nisar Agha, and Mr. Rehmat Ullah, visited University College, Zhob, on March 11, 2021. Prof. Dr. A.S. Lodhi, Director of University College, Zhob, Syed Raza Irfan Shah, Focal Person, and the Chairperson Department of Management Sciences, greeted the team warmly. Students of all departments of University College, Zhob, participated in the session. The NIC team shared innovative business concepts in Entrepreneurship and discussed the developing progressive opportunities in Balochistan and Pakistan.



Visit of the NGO "Search for Common Ground" to BUIITEMS



The Director of NGO 'Search for Common Ground Pakistan' visited the Department of Mass Communication, BUIITEMS, on June 15, 2021, and met with the Chairperson of Mass Communication, Iftikhar Ahmed Baloch, along with all faculty members of the department. The dialogue on bridging the gaps between academia and the field was held. Both teams agreed on possible training for teachers and students. A Memorandum of Understanding (MOU) was also put forward on the agenda, to be materialized soon. The Director also visited the newly established Mass Communication Radio Station.

ORIC Staff, University of Turbat visited BUIITEMS

The Office of Research Innovation and Commercialisation (ORIC) members from the University of Turbat (UoT) visited BUIITEMS on July 05, 2021. The Director of ORIC, Dr. Anayatullah, warmly welcomed the delegation and gave an insight into the functioning of ORIC. Additional Director of ORIC, Dr. Jeneen Panezai, briefed the guests on the journey accomplishments and prospects of ORIC. Deputy Director, Mr. Muhammad Asif, added information relating to the policy on Research and Development. Similarly, Syed Usman, Deputy Director, elaborated on developing academia and Industrial linkages and identified the possibilities for technology transfer. After a thorough discussion, members from UoT thanked Director ORIC for the pleasant meeting and open discussion regarding dealings and operation.



Visit of PTCL Senior Manager to BUITEMS

Mr. Chaudary Khizar Hayat, Regional HRBP PTCL, Balochistan, visited BUITEMS on July 08, 2021. He gave a brief description in his session at BUITEMS City Campus, where he interacted with students of the Management Sciences and Economics Departments and answered their queries. During his visit to the Takatu campus, the students from the Information & Communication Technology and Telecommunication Engineering Departments benefitted from an erudite session by Mr.



Hayat. He announced many student opportunities, such as Paid Internships and induction at the 4th Summit 2021. He thanked Syed Usman, Deputy Director ORIC, for organizing such wonderful sessions and expressed his gratitude to Dr. AnayatUllah, Director ORIC, Dr. Bushra Naeem, Chairperson of Information Technology, and Mr. Talha Mir, Assistant Professor.

Field Visit Department of Biotechnology



Dr. M. Waseem Khan, Assistant Professor, Department of Biotechnology, arranged the field visit in consultation with Dr. Shah Jahan, Chairman Department of Biotechnology, and Dr. Nazeer Ahmad, Dean of the Faculty of Life Sciences and Informatics explore research trends in the livestock and dairy development department. The visit aimed at exploring the available facilities and research work carried out in Balochistan 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 and Dr. Afrasiab Khan Tareen, Assistant Professor, 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 overall trip was very productive and informative. The visit has given new insights to students about veterinary science.



A visit to BUIITEMS by GM Digital Sales PTCL and Ufone Head Quarter Pakistan

Haseeb Uddin Hashmi, General Manager of Digital Sales PTCL and Ufone Head Quarter Pakistan, visited BUIITEMS Takatu Campus on July 14, 2021. Syed Usman, Deputy Director ORIC, introduced Mr. Hashmi to Pro VC, Dr. Faisal Ahmed Khan. In a discussion regarding opportunities and collaborations with the Pro-Vice-Chancellor, Mr. Hashmi announced that PTCL is going to sign an MoU with BUIITEMS; PTCL will be a collaborating partner of the 4th IEEE Conference; Aid in technical development will be provided at every campus in the Telecom sector as per Corporate Social Responsibility (CSR) policy. "PTCL wants to develop terms with BUIITEMS on solid grounds," mentioned Mr. Hashmi. The PTCL team praised the students' achievements and the infrastructure of BUIITEMS.



Industrial Visit Report



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 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 was 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.



A Brighter Tomorrow

In collaboration with "Fairytale" and "Balochistan Youth, " the Students of Public Administration Department organized a one-day exposure tour to BUIITEMS for Dar ul Falah Orphanage students 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.



Visit of Provincial Assembly & Meeting with Public Accounts Committee

Department of Mass Communication students On December 16, 2021, visited the Provincial Assembly of Balochistan to attend the Public Account Committee (PAC) meeting 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 PAC's role and accountability system.



Research for Social Transformation and Advancement (RASTA)



Pakistan Institute of Development Economics (PIDE) leadership and prominent faculty members visited BUITEMS on December 14, 2021. They met with Vice-chancellor BUITEMS 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 its incorporation into policymaking.

Study Tour Department of Geological Engineering

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







RESEARCH & DEVELOPMENT

Faculty of Engineering & Architecture
Department of Architecture

S. No	Name of Students	Title	Supervisor
01	Mubeen Akbar	Revival of Streetscape (Streets as Urban Public Spaces)	Ar. Adeel Zahoor
02	Muhammad Musab	Terraforming (Manipulating the Landscape to Combated Climate Change)	Ariana Bazai
03	Muhammad Hamza Khan	Subsistence Through Architecture	Ar. Syed Abdullah Sami
04	Mahzaib Rehman	Productive Environment for Effective Learning	Ar. Naveed ur Rehman Anwar
05	Aqdas Ali	The Art of Remembrance	Ar. Umer Ahmed
06	Syeda Ume Rubab	Reinvigorating Under Privilege Community (Through Women Empowerment)	Ar. Jahangeer Khan
07	Zoufshan Mumtaz	Tourism through Sports	Ar. Asma Batool
08	Hameed Ullah Khan	Amor Vacui (Love of Emptiness)	Ar. Palswasha Amanullah
09	Nazia Jan	Upgrading the Shipbreaking Industry (Designing a Lodge for Workers)	Ar. Tahira Shoukat
10	Aftab Ahmed	Promotion of Cottage and Small Industries	Ar. Maska Khan
11	Muhammad Azeem	The Dying Arts (Architecture of Awareness)	Ar. Gullalay Javeed
12	Kalsoom Raza	Unfolding Nature in Space (Blending Architecture in Nature)	Ar. Shehroze Shah

Faculty of Life Sciences & Informatics
Department of Biotechnology

S. No	Name of Students	Title	Supervisor
01	Zabrain Gul	Post mortem Investigations by Using Forensic Entomological techniques	Imran Ali Sani
02	Anwar ur Haq	Product development and comparative analysis of Ethnomedicinal soap with ordinary antibacterial soap	Dr.Imrana Niaz Sultan
03	Arifa	Investigation of Risk Factor and complications in pregnant women	Dr. Haleema Sadia

S. No	Name of Students	Title	Supervisor
04	Ameer Hamza	Use of Insects in Legal Investigation	Imran Ali Sani
05	Hadia Habib	Prevalence of self Medication Among Undergraduate students of Life Sciences at BUIITEMS	Ms.Nida Tabassum
06	Ramaieta Saleem	Identification of Mutation in hot spot Exon of DMD Gene in Patients of Duchenne Muscular Dystrophy	Dr. Rozeena Sheikh
07	Ruhab Ayub	Use of Blowflies in forensic entomology	Imran Ali Sani
08	Maha Hazara	Native Pakistan cattle (Bos indica) Genome wide study to Reveal Genomic basis of resistance to infectious Diseases and provide baseline Genomic data for better selection Methods	Dr.Naveed Iqbal
09	Atiqa Batool	Molecular Docking and molecular dynamic simulation of the FDA approved Drugs against the Covid-19	Dr.Asma Abro
10	Sakina	Identification of 3-Chymotrypsin Link protease (3CLpro)Inhibitors as potential anti-SARS Co CoV 2 drug candidates through docking and biomolecular simulations.	Dr.Asma Abro
11	Arzoo	Correlational studies for patients in Quetta city focus on the educational level and their vulnerability against diseases.	Ms.Arooj Khan
12	Adir Noyan	Evaluation of Vitamin D Knowledge	Mr.Akram Ali
13	Ruqia Akbar	The blood group which most vulnerable against corona Virus	Dr.Asma Yousafzai
14	Muazma Nabi	Computational study to identify potent compounds against Bcl-xL to inhibit cancer activity	Dr.Asma Abro
15	Abdul Basit	Comparison of DNA extraction from blood by manual (Inorganic)and kit method (Gene jet gDNA purification column kit)	Dr.Haleema Sadia
16	Nadia	Analysis of second lines of drugs resistance in multi drug resistance Tuberculosis patients in Balochistan	Ms.Muneeza Arbab
17	Waleed Khan	Prevalence study of fungal chest infection in pulmonary suspect patients of Fatima Jinnah chest Hospital Quetta, Balochistan	Dr.Muhammad Mushtaq

**Faculty of Basic Sciences
Department of Chemistry**

S. No	Name of Students	Title	Supervisor
01	Sundas Anwar	Assessment of ground water quality of Shahbaz town Quetta	Dr. Fayaz
02	Zia-UI-Islam	Evaluation and Characterization of Green Synthesized Silver Nanoparticles from Withania coagulans	Ms. Samra
03	Seema Ahmed	Hydrothermal synthesis and characterization of Novel Azomethine Zinc (II) complexes	Dr. Aziza
04	Abdul Naseer	Phytochemical investigation on the bulk of Narcissus tazetta	Dr. Fouzia
05	Muhammad Mujahid	Examination of Heavy metals from Withania coagulans and Carullama Fimbriata by using an Atomic Absorption Spectrophotometer	Ms. Samra
06	Muhammad Nawaz	Hydrothermal synthesis and characterization of Novel Azomethine Lanthanum (III) complexes	Dr. Aziza
07	Ayesha Sana	Physiochemical analysis of ground water used for domestic purposes in the Chiltan area	Dr. Fayaz
08	Syed Razi Huraira	Determiration of heavy metals in processed milk and dairy waste (whey) by Atomic Absorption technique	Ms. Samra
09	Allah Nawaz	Phytochemical analysis on Ariel parts of Caralluma Fimbriata	Dr. Fouzia

**Faculty of Social Sciences and Humanities
Department of Sociology**

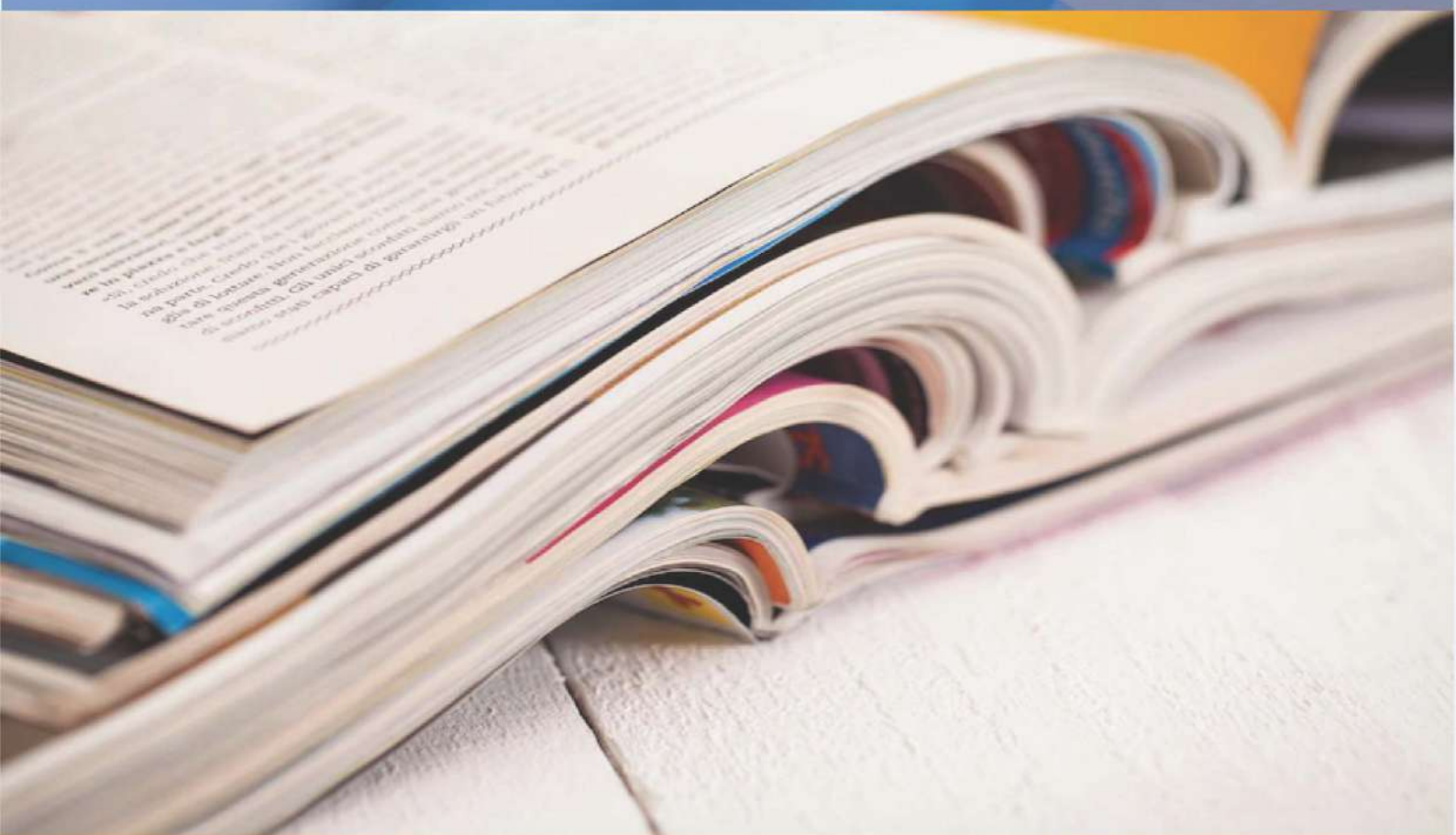
S. No	Name of Students	Title	Supervisor
01	Muhammad Luqman Danish Ahmed Mir Aali Khan Bibi Hakeem Mir Shah Mureed Mir Aali Khan	Technology Securitization and Surveillance: The Everyday experiences of students in Quetta	Mr. Zafar Ullah
02	Tajwara Achakzai Shabina Bazai Bakhth Zamen Kakar Ameen Ullah	Social Inclusion of people with physical disabilities (A case study of Quetta)	Mr. Tariq Ali

**Faculty of Social Sciences and Humanities
Department of Sociology**

S. No	Name of Students	Title	Supervisor
03	Zahoor Ahmed Muhammad Idrees Nusrat khan	Health Hazards: Sociological Analysis of Slums In Quetta	Mr. Ameen Ullah
04	Farzana Hafeez Kalsoom	Urban Spatiality, conflict, and lives of Hazera community	Mr. Zafar Ullah
05	Yousaf Khan Faisal Khan Basit Ahsan	The Impacts of retirements on people's socially and physically	Mr. Mohsin Khan

**Department of Computer Science
MS Students**

S. No	Name of Students	Title	Supervisor
01	Ghazala Aslam	Image Fusion/Deep Learning	Dr. Imran Quresh
02	Pamir khan	GWL Prediction using ML/DL	iDr. Rahila
03	Palwasha Khalid	Image dehazing/deep learning	Dr.Imran Qureshi
04	Farwa Batool	Comparative Study of User Experiences on Physical Keyboard Layouts / HCI	
05	Saba Gull	(Field of Research)Natural Language Processing (Exact topic will be decided later on)	Dr. Saima Gul
06	Amir Zaman	Field (ML/Data Science /Cloud Computing)	
07	Hifsa Ghafoor	GWL Prediction using ML/DL	Dr. Rahila
08	Muhammad Jawad	Image synthesis with GANS.	
09	Hira	Natural language processing	Dr Bakhtiar kasi
10	Imtisall Nasir	Natural language processing	Dr Sikandar

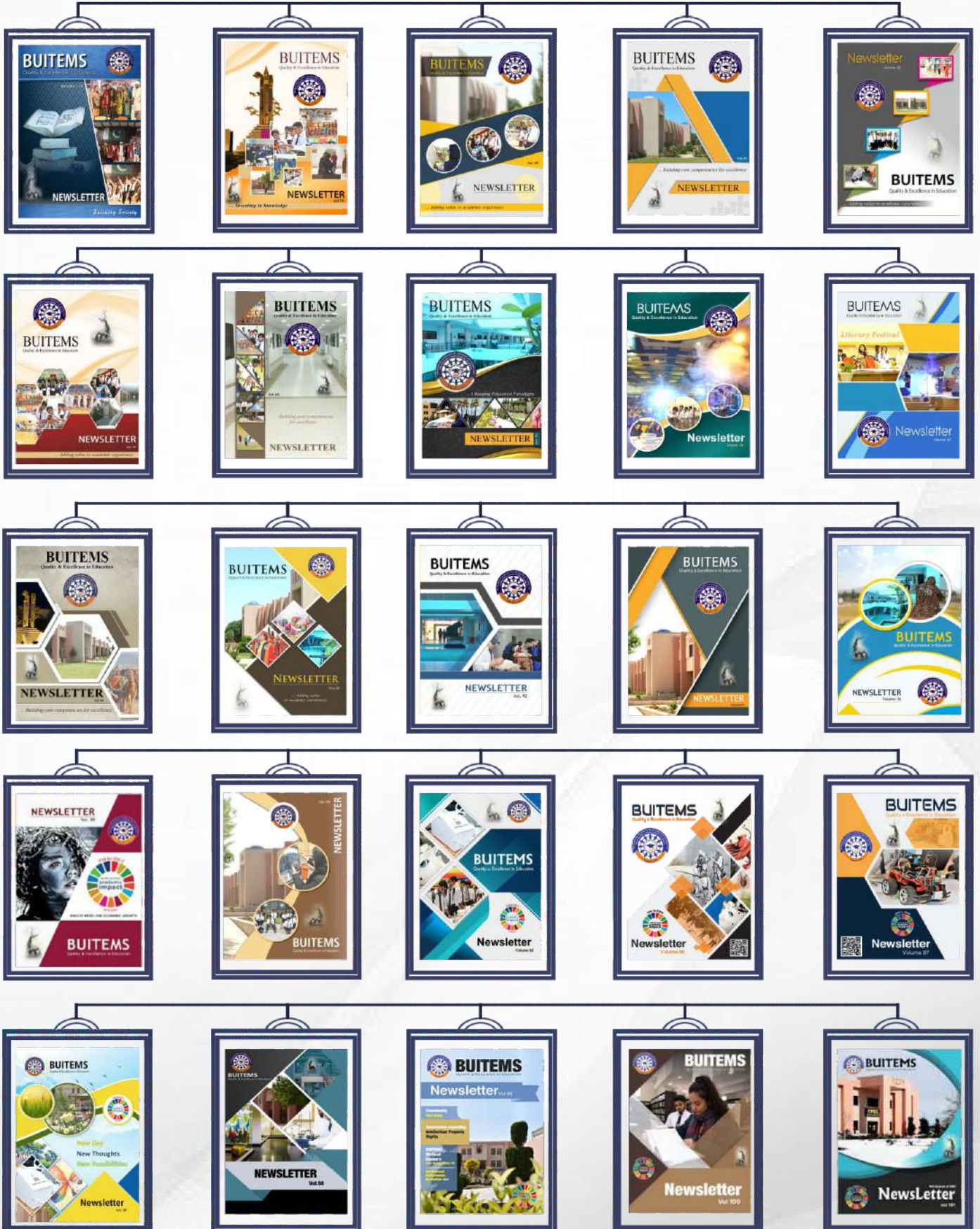




BUITEMS Publications

It has been a tradition of BUITEMS to update the faculty, students and other stakeholders on the activities, events and achievements of the University. The purpose is accomplished by publishing quarterly Newsletters and Annual Reports.

Newsletters



Annual Reports







CONFERENCES



Markhor 2020 Youth Leadership Conference

Each year our excellent students participate in different extracurricular activities. One such event was in March 2021, which was intended to bring the promising youth of Pakistan together and indoctrinate a spirit of social leadership amongst them. Youth from all over the country was engaged for 72 hours of Markhor-inspired action and learning in the wild about themselves. Imran Iqbal, a student of the Economics Department, was selected as a Delegate of Markhor 2021—Wilderness Based Youth Leadership Conference held at Khanpur from March 3 - 8, 2021. His selection was based on his leadership potential. At the end of the conference, participants developed a draft of an action plan for their contribution.



Conference on Robotics & Automation in Industry (ICRAI 2021)



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 26-27th October 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, NCRA Scientific and Industrial Advisory Board (SIAB), and foreign and local members participated at the conference.



Fifty-three papers were presented in ICRAI 2021 out of 193 submissions, ranging from 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).

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

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

The European Union Delegation sponsored the conference in Pakistan, and Defense Housing Authority, Quetta, was the chief partner 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.



The instigating conference was dedicated to recent research trends alongside sustainable technologies. 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 conference was streamed live on social media, reaching thousands of research communities online, speakers, authors, and attendees participating physically and virtually from over 18 countries.

The third ICE Cube conference involved 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, an Assistant Professor of Bioengineering at the University of Engineering and Applied Sciences, Swat, talked about the wonders of incorporating technology into biology. In addition to that, Professor Böröcsök 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 Blockchain with a perspective on money.



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. Setting high academic standards, the conference accepted less than 30% of high-quality research papers out of 160 submissions. The conference was concluded on October 27, with the closing remarks by the Vice-Chancellor BUITEMS, Ahmed Farooq Bazai (S.I).

Ur5 Robot Training at NUST

Universal Robot is the world's first collaborative robot capable of working alongside people without the need for fences or set workspace limits. It is a 6-DOF (Degrees of Freedom) robotic arm that can lift a 5 kg payload. Its collision detection technology, which includes force sensors, detects and avoids any collision. A 03-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. The workshop was attended by Syed Izzat Ullah, Team Lead, Khawar Ali, Research Associate, and Ramsha Shahid, Research Assistant.



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



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, ORIC Syed Usman represented BUIITEMS and actively participated in the conference.



HAWKS Youth Vision

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

Sadia Zahra, a student of Public Administration, BUITEMS, 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.







SEMINARS



Theme:
Organized for:
Venue:
Held On:
Resource Persons:
Organized by:

International Seminar on "Peace in the Middle East: Viability of two-state solution for Palestinians in a post-Netanyahu era."
 National Institute of Management, Quetta
 National Institute of Management, Quetta
 June 19, 2021
 Prof. Dr. Abdul Wadood, Chairperson Department of International Relations, BUIITEMS
 National Institute of Management, Quetta



Theme:
Organized for:
Venue:
Held On:
Resource Persons:
Organized by:

The Importance of Workplace Safety in Process Industry
 Department of Chemical Engineering
 Green Hall, Takatu Campus, BUIITEMS
 July 15th, 2021
 Engr. Muhammad Yasir, Health, Safety, Security and Environment (HSSE)
 Department of Chemical Engineering



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Webinar "Health care Architecture"

for the students of the Department of Architecture

Green Hall BUTEMS

July 16, 2021

Ar. Ejaz Ahed

Department of Architecture



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Seminar on Financial Derivatives, Risk Management, Corporate

Finance & Significance of International Certification

for the students of MBA, MS, and Ph.D.

BUIITEMS city campus

July 28, 2021

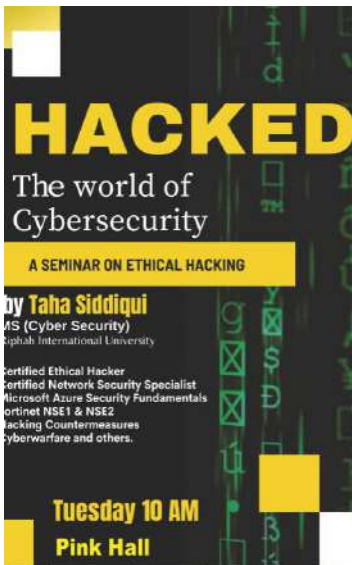
Dr. Imran Omer

Faculty of Management Sciences



Theme:
 Organized for:
 Venue:
 Held On:
 Resource Persons:
 Organized by:

Seminar on Cybersecurity
 the students of Computer Engineering
 Orange Hall BUIITEMS
 August 03, 2021
 Muhammad Taha, Experienced and certified Ethical Hacker,
 Information Security Analyst, Cyber Security Consultant
 Department of Computer Engineering, BUIITEMS



Theme:
 Organized for:
 Venue:
 Held On:
 Resource Persons:
 Organized by:

Seminar on National Financial Literacy Program
 students of Management Sciences
 City Campus, BUIITEMS
 Aug 3-4, 2021
 Dr. Imran Omer
 Ms. Zainab Khan, Assistant Director, Mr. Sher Jan, Assistant Chief
 Manager, and Mr. Syed Hassan Zafar, Currency Officer
 Dr. Hadi Hassan Khan, Chairperson, Department of Management
 Sciences (DMS)



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Role of Women in Society

Students of public administration and BBA

City campus, BUITEMS

August 11, 2021

Ms. Anqa Gharsheen, a Psychological counsellor

Students of public administration and BBA

ROLE OF WOMEN
IN SOCIETY TODAY



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Seminar on "A Multidimensional View of the Kashmiri Struggle."

for the people of Kashmir

Orange Hall, BUITEMS

August 5, 2021

Ms. Anqa Gharsheen

Faculty of Social Science & Humanities



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

International Seminar on "Preparing for Your Ph.D. Journey"

students of PhD

BUITEMS

September 06, 2021

Prof. Dr. Amer Hamza Jantan, Dean Faculty of Management Sciences, City University of Malaysia.

Dr. Muhammad Irfan Khan, Associate Dean Faculty of Management, BUITEMS



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Mining Engineering Capacity Building Series: Seminar 1

Students & faculty members of Mining Engineering

Purpal hall BUITEMS

October 12, 2021

Muhammad Atif, Senior Inspector of Mines, Government of Balochistan and Mr. Sheran Khan Panezai, Provincial MEAL and MIS officer Department of Mining Engineering



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Role of Basic Sciences in the Economic Growth of the Society

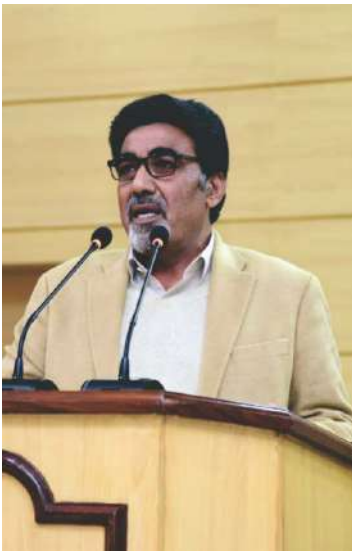
Students of BUIITEMS

BUIITEMS

December 15, 2021

Pro-Vice-Chancellor (BUIITEMS), Dr. Abdur Rehman Khan

Faculty of Basic Sciences (BUIITEMS)





TRAINING

GOAL

IDEA

SKILLS

TEAM

PRACTICE

RESULTS

TREND



WORKSHOPS



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Workshop on "LaTeX Software"

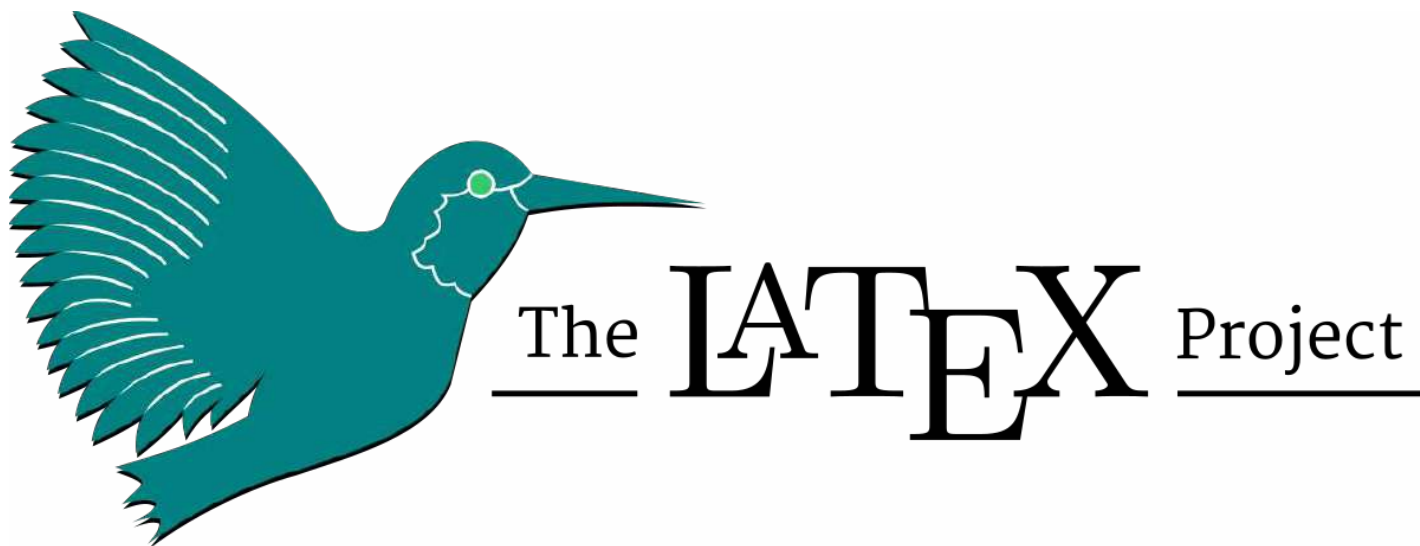
Teachers and final year students of the Faculty of ICT

BUIITEMS

January 05, 2021

Mr. Muhammad Akram, Lecturer, FICT, BUIITEMS

Directorate of Human Resource Development



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Stratigraphic Sequence analysis for Hydrocarbon Exploration: An imperative role in reservoir modeling and characterization.”

Students from both Petroleum & Gas Engineering department and the Geological Engineering Department

BUIITEMS

October 12, 2021

Dr. Numair Ahmed Siddiquie, Assistant Professor, Universiti Teknologi PETRONAS

Society of Petroleum Engineers (SPE) BUIITEMS



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Personal Space and Consent

for the students of the Psychology Department

BUITEMS Takatu Campus

March 19,2021

Ms. Anqa Gharshin, Lecturer Department of Psychology, BUITEMS. Ms. Aqsa Mariyam, Asst. Prof. Department of English, BUITEMS. Mr. Hammal Aslam, Asst. Prof. Department of International Relations, BUITEMS. Mr. Asmatullah, Asst. Prof. Department of Psychology, BUITEMS.

Departments of Psychology & Information Technology



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Two-day workshop on Designing Social Accounting Matrices (SAM) For Balochistan

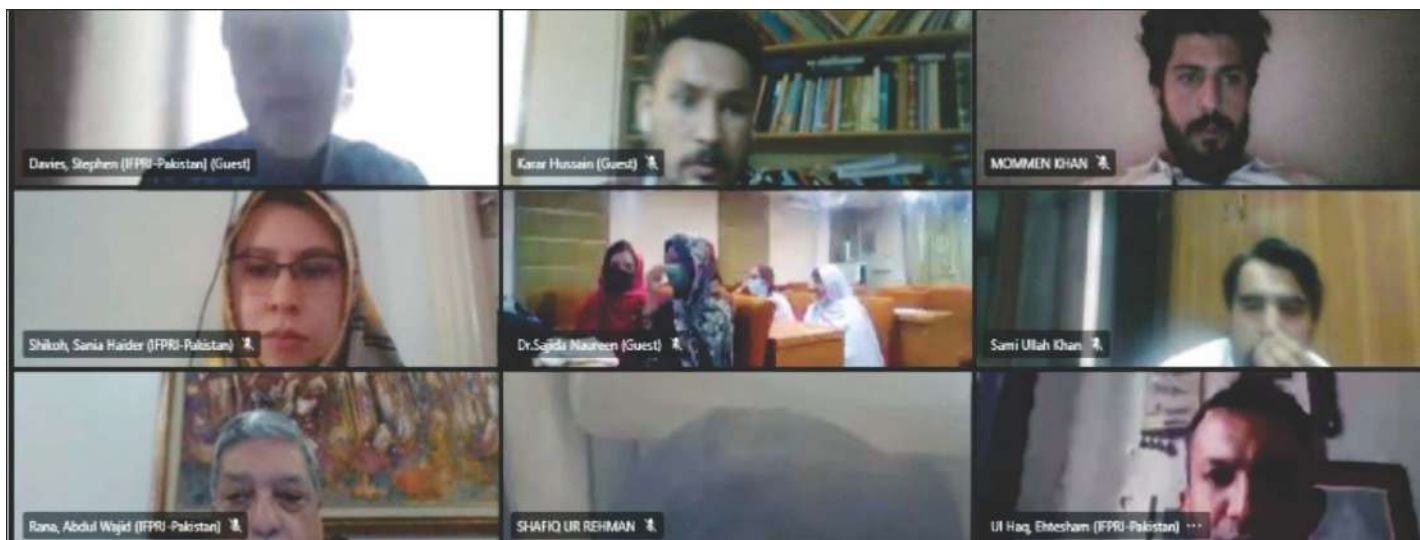
Faculty members, Ms Scholars and BS Final Year students

BUITEMS City Campus

June 22-23, 2021

Mr. Mohammad Ahsan Achakzai

Food Policy Research Institute (IFPRI) and SBKWU



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Train the Trainer Program 5-Days Capacity Building Workshop

Training Hall BUITEMS

BUITEMS

June 21- 25, 2021

Dr. Syed Tariq Shah, Assistant Professor at the Department of Telecommunication Engineering BUITEMS

Department of Telecommunication Engineering, BUITEMS



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Al Meezan Bank Investment

Staff and students of BBA & MBA

BUITEMS, City Campus

September 12, 2021

Ms. Mussarat Karamat Ali, Assistant Professor (FMS), Dr. Hadi Hassan Khan and Dr. Zahid Majeed, Associate Professor (Industry Linkages Associate; DMS)

Almezan Bank



Al Meezan
Investment Management Ltd.

World Class Investment Opportunities from Anywhere in the World

Now Non-Resident Pakistani's holding a Roshan Digital Account can Invest in Mutual Funds through Al Meezan Investments

Theme:	Develop Balochistan Youth Policy 2021
Organized for:	Faculty members and Students
Venue:	BUIITEMS
Held On:	October 05, 2021
Resource Persons:	Mr. Muhammad Dawood Khan, a UNDP consultant Department of Telecommunication Engineering, BUIITEMS
Organized by:	Directorate of Quality Enhancement and Accreditation, BUIITEMS



Theme:	Workshop on Faculty Development Entrepreneurship
Organized for:	Public Sector Institutions
Venue:	University of Balochistan, Quetta
Held On:	October 08-09,2021
Resource Persons:	Dr. Shahid Qureshi, Director ORIC, IBA Karachi, Dr. Syed Zahoor Hussain, Vice-Chancellor, LUMS, Dr. Ambreen from IBA, Karachi & Dr. Ambreen from IBA, Karachi
Organized by:	University of Balochistan, IBA, Karachi, & UNDP, Pakistan



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

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

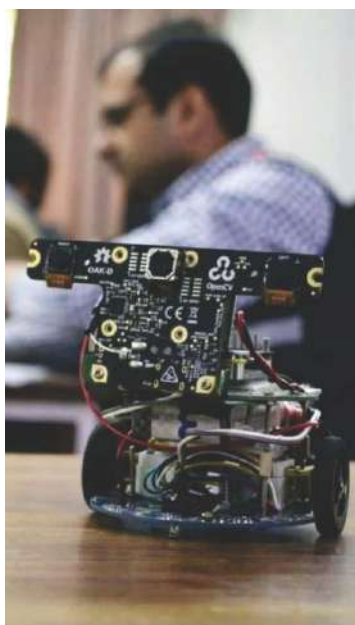
Engineering Students

University of Engineering and Technology (UET) Taxila

November 24-26, 2021

Dr. Anayatullah, Director ORIC / Associate Professor, FICT
(Electronic Engineering)

University of Engineering and Technology (UET) Taxila



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Workshop on "Resume / CV Writing"

Students from All over University

BUIITEMS

December 09, 2021

Ms. Khadija Jaffar, Lecturer Department of Education

BUIITEMS Career Services Office



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Workshop on "Job Interviewing Skills"

BUITEMS Students

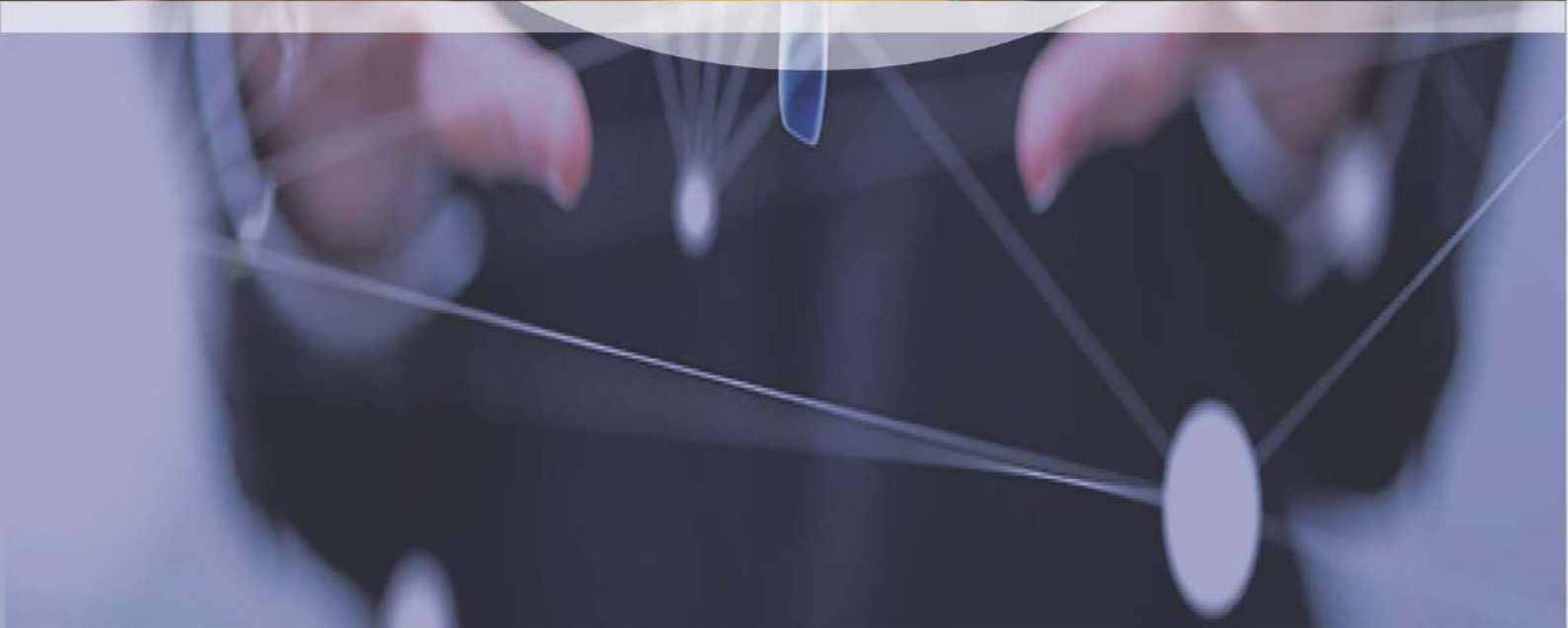
BUITEMS, Takatu Campus

December 16, 2021

Ms. Khadija Jaffar, Lecturer, Department of Education

BUITEMS Career Services Office







TRAININGS

Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

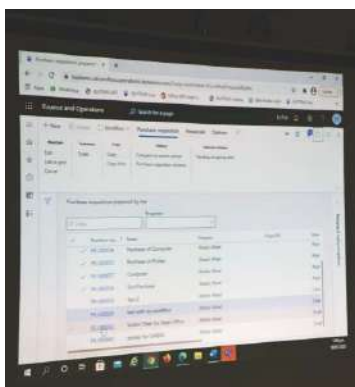
365 Dynamics

Focal Persons from Administration

HBL Lab, Sir Syed Block , Takatu Campus, BUIITEMS

January 4-8,2021

Mr. Abdul Qudus , (Technical Expert ERP)MS Dynamics 365, Mr. Kaleemullah Babai (Deputy Director Finance)
Directorate of Human Resource Development



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Training of Trainers: Training Leader of BRSP Community: "Community & Leadership Management Skills"

BUIITEMS Students from different districts

Training Hall, Sir Syed Block, BUIITEMS

January 18-21,25-26 ,2021

Mr. Zafar Ullah (Assistant Professor) Sociology department, BUIITEMS, Mr. Shams ur Rehman (Manager, UA&FA),BUIITEMS, Mr. Ali Zain (Manager, UA&FA),BUIITEMS, Mr. Salar Khan (Deputy Director) HRM,BUIITEMS, Dr. Shah Nawaz Khan (Senior Manager Programs / Team,BRSP, Mr. Hassan Ali Rizvi (Manager Capacity Building),BRSP, Mr. Zaheer Tareen (Coordinator Capacity Building), BRSP, Mr. Maqsood Ahmed (Coordinator Capacity Building),BRSP, Ms. Fatima Nangiyal (Manager Gender & Development)BRSP, Mr. Nadir Gul, Chief Executive Officer BRSP, Mr. Shoab Sultan Khan, Chairman RSPN, Ms. Shandana Khan, Chief Executive Officer RSPN, Mr. Ali Azizi, Social Mobilization expert RSPN

Under Balochistan Rural Support Program (BRSP)

Funded by European Union through Balochistan Rural Development and Community Empowerment Project (BRACE)



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

“Programmable Logic Controller”

Teachers and final year students of Faculty of ICT, in respond to the significant demand of CPD activities for engineers

Training Hall, Sir Syed Block, BUITEMS

August 12, 2021

Mr. Mohammad Haris (Lab Engineer)

FICT and HRD BUITEMS



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

“Machine Learning using Python” for students of FICT

Faculty Members Final Year Students

Training Hall, Sir Syed Block, Takatu Campus, BUITEMS

October 28, 2021

Dr. Muhammad Umar chaudhry, Assistant Professor, MNS-University of Multan

Directorate of Human Resource Development



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

“Auto-Cad and Quantity Surveying”

for Govt employees of irrigation department, Balochistan

Architecture Lab, Auto CAD Lab, BUIITEMS

October 11 to November 01, 2021

Mr. Barkatullah Kakar Project Director, Farooq Ahmed Procurement Engineer (BIWRMDP), Ar. Abdullah Sami assistant professor architecture department, Ar. Adeel Zahoor

Directorate of Human Resource Development



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

“Personal Development Skills for Professional Excellence” for Assistant Registrar(s) of the Baluchistan Public sector HEIs

Assistant Registrar(s) of the Balochistan Public sector HEIs at Balochistan University of Information Technology, Engineering & Management Sciences (BUIITEMS)

Training Hall, Sir Syed Block , Takatu Campus, BUIITEMS

5th -6th November,2021

Dr. Hamid Raffiq Khattak, Motivational speaker

HRD and National Academy of Higher Education (NAHE)



Theme:

Organized for:

Venue:

Held On:

Resource Persons:

10 days Training program "Professional Development Skills"

New inducted faculty members and staff

Training Hall, Sir Syed Block, BUIITEMS

December 27, 2021 to January 07 ,2022

Prof. Dr. Bakhtiar Khan Kasi, Dean, Faculty of ICT, Dr. Fozia Ahmed, Assistant Professor, Department of Education, Dr. Rahila Umer, Associate Professor/Dean Faculty of Social Sciences & Humanities, Ms. Bakht Bibi, Lecturer department of English, Dr. Ghina Saleem, Assistant Professor, Department of Psychology, Ms. Anqa Gharshin, Lecturer, Department of Psychology, Mr. Asmatullah, Assistant Professor, Department of Psychology, Prof. Dr. Nazeer Ahmed, Professor/Dean FLS&I, Mr. Muhammad Ali, Lecturer, Management Sciences, Dr. Abdul Samad & Dr. Abdul Basit Memon, Assistant Professors, Department of Computer Science, Habib University Karachi, Dr. Manzoor Ali Brohi, Assistant Professor, Department of Management Sciences, Prof. Dr. Noor-ul-Hudda Khan Asghar, department of Physics., Dr. Uzma Munawar, Assistant Professor, department of Education, Dr. Faiza Akhtar, Associate Professor, Department of Environmental Sciences, Dr. Anayatullah, Director, ORIC, Dr. Shah Marjan, Assistant Professor, Computer Engineering, FICT, Dr. Attiq-Ur-Rehman, Associate Professor, Electrical Engineering, FICT, Mr. Mehrullah Soomro, Lecturer, Computer Science, FICT, Dr. Syed Muddasir Hussain, Assistant Professor, Electronic Engineering, FICT, Mr. Abdul Basit, Deputy Director, Graduate Studies Office, Dr. Amin, Associate Professor, Department of Chemical Engineering, FOE, Mr. Hafeezullah, Add. Director IT, Ms. Komal Zakir & Ms. Paras Pervez, CMS Functional Leads, Directorate of IT, Mr. Abdul Qadeem Kakar, Director, Admin & General Services, Mr. Kaleemullah Babai, Dy. Director Accounts, Mr. Salar Khan, Deputy Director HRM Directorate of Human Resource Development

Organized by:







ACHIEVEMENTS



Honour for BUITEMS

Dr. Mujtaba Ellahi, Assistant Professor, Department of Chemistry, has been elected as the Vice-President of the Chemical Society of Pakistan (CSP) of Balochistan Chapter in 2021. The CSP has over 700 members, with five chapters such as Islamabad, Sindh, Punjab, KPK, and Balochistan. The CSP Pakistan was established in 1968, and its first meeting was held on 20th January 1968, the appointment of office bearers started working on various issues & writing a constitution and getting the society registered with the appropriate authorities.



BUITEMS Wins National Policy Making Competition



Mommen Khan and Khushal Kakar from the Economics Department, won the National Policy Making Competition, organized by the Young Peace and Development Corps (YPDC) at the University of Lahore (UOL), from March 12-14, 2021. The activities' primary purpose was to expose youth to the policy issues and policy-making process in three modules: domestic policy, foreign policy, and economic policy followed by students presenting their policy-making ideas. Students from BUITEMS

took first place in the economic policy module and stood second in the foreign policy module.



298 KW Solar System Installed at NIC Building

BUITEMS has successfully functionalized 298 K.W Solar System at NIC connected through Net Meter to the central power system. The University is exporting power to QESCO through Net Meter from the solar system, particularly on holidays. This is the first Net Meter and the largest solar system in Balochistan, which is an honor for BUITEMS.



Launching Ceremony of Quetta Chapter of National Dialogue on Climate Change

The Department of Civil Engineering organized a formal ceremony to launch the QUETTA chapter of NATIONAL DIALOGUE ON CLIMATE CHANGE (NDCC) on March 25, 2021, at Takatu Campus BUIITEMS. The ceremony was attended by the officials from Environmental Protection Agency (EPA) Balochistan, Environment Department Balochistan, National Highway Authority, faculty members of FOEA, and students of Civil and Environment Engineering Departments.



Sami Khan hosted the ceremony. Dr. Kamran Sami, Dean Faculty of Engineering and Architecture, welcomed the guests of the session and shared his views about the need for research on climate change in Balochistan.

Prof. Dr. Syed Imran Ahmed, a renowned Scientist in Water Resources and Professor at NED UET, Karachi, was the session's keynote speaker. Dr. Ahmed has experience working on water management and modeling in the province of Balochistan under the supervision of the World Bank, Asian Development Bank, and the Government of Balochistan. Dr. Ahmed highlighted the water management issues across the country and Balochistan in particular. He shared his valuable research-based data on water scarcity in Balochistan. Dr. Ahmed identified the capacity of research in water management in Balochistan and motivated the students to join him in this field.

Ms. Maliha Abbas Zaidi, founder, and CEO, of NDCC, was among the guest speakers. She gave a comprehensive lecture on the functioning of NDCC and presented a roadmap of the academic partnership of BUIITEMS with NDCC. Dr. Anila Zafar, Assistant Professor, Environmental Management Department, BUIITEMS, briefed about the environment. & highlighted the technical issues being faced by researchers in Balochistan. Dr. Faisal Ahmed, Pro Vice Chancellor BUIITEMS, expressed thanks to the guests from Karachi and stressed the dire need for research on climate change and the environment.

A Memorandum of Understanding (MoU) was signed between BUIITEMS and NDCC for academic partnership and collaboration.



Leadership Management

Leadership Management activity was held in the city Campus, BUIITEMS, on April 09, 2021. A group of around 30 students participated in the activity under the supervision of Assistant Professor Dr. Tayyabah Akram and the Dean of the faculty. It was an educational activity, and the students were assigned to represent and reflect on their learning in the form of interactive and Scenario Based / Role Playing activities. The activity's primary purpose was to elaborate and enhance the students' learning and enhance their confidence, for real-life scenarios.



Antimicrobial, Antibacterial, and Herbal Based BUIITEMS Smart Soap



The increasing demand for soap owing to awareness of microbial agents and maintenance of hygienic conditions has encouraged innovations in its quantity, quality, benefits, and raw materials. One of the innovations that have been developed is the use of Caprylic/capric/lauric triglyceride oil as essential ingredients of soap, with active substances such as antimicrobial, antibacterial, and herbal. In this context, the students of the sixth semester of Analytical Polymer

Research Group of the Department of Chemistry under the supervision of Chairperson Department of Chemistry, Dr. Hameeda Panezai and Dr. Mujtaba Ellahi on July 18, 2021, have successfully prepared the washing, bathing, antiseptic, antibacterial, and herbal soaps. The smart BUIITEMS soaps have been distributed among members of the society, BUIITEMS family, students, and others.



Additionally, the research group is performing further experiments to improve soap quality, and standard for commercial purposes as its proven combat against microbes may help restrict the spread of the novel Covid-19 virus.

Rainwater Harvesting System at (BUIITEMS), Quetta

A Rainwater Harvesting System (RHS) was installed at Iqbal Hall BUIITEMS on September 03, 2021, by Dr. Malik Muhammad Akhtar, Chairman, Department of Environmental Science, & Principal Investigator of the project. Funded by National Cleaner Production Center (NCPC), Pakistan, it aims to introduce and promote cleaner production techniques and processes for pollution prevention at the source along with integrated water management. The plant can store 1000 gallons of water used for irrigation purposes. The water would be available regularly for irrigation purposes for a mini garden located in the backyard of Iqbal Hall, BUIITEMS. RHS is a vital initiative to sustain local water resources, especially for water-stressed or drought-stricken areas.



DICE-AFS 2021 MNSUA, Multan

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



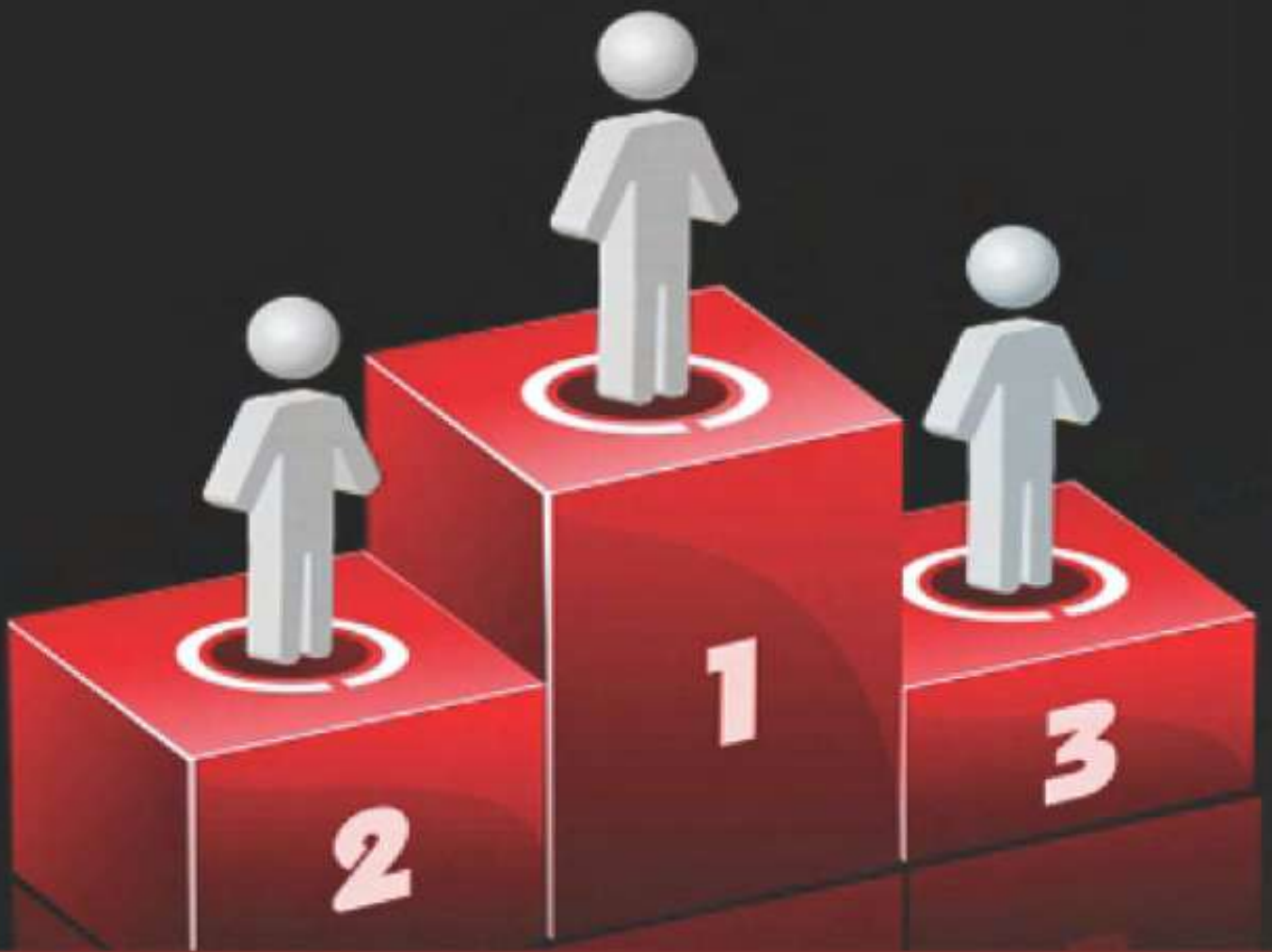
In this context, the students of Analytical Polymer Research Group (7th semester,



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; Engr led the Banana Peel Thread process. Ayub Khetran, Lecturer, Departmentt of Tixtile Engineering, BUITEMS Mr. Faraz, and Mr. Syed Naseeb Ullah, BUITEMS Student Deparmentt of Tixtile Engineering.







COMPETITIONS



Poster Competition 2021

A poster competition for final year plant design projects of Batch Fall-2017 was organized on July 12, 2021 by the Department of Chemical Engineering,. The event was inaugurated by Prof. Dr.

Ehsanullah Khan Kakar, Vice-chancellor BUET, Khuzdar, and Dr. Syed Kamran Sami, Dean FOE&A. Dr. Muhammad Amin, Chairperson, greeted and briefed the guests about the session activities.

Honourable guests visited the poster

display sites and discussed the potential aspects of projects ideas and their feasible implementation. Dr. Ehsanullah appraised the team's efforts to initiate and provide such a platform to students, where they can showcase their skills to transform theoretical knowledge into valuable ideas for feasible applications. Later on, cash prizes and appreciation certificates were

distributed among the winners.



Markhor Mathematics Competition



The Markhor Mathematics Competition organized by the Department of Mathematical Sciences in August 2021 was open to every college and university student in Pakistan, and over 500 students participated. This competition aimed to get students interested in and appreciate the beauty of mathematics and get students to experience first-hand the environment in which they will appear for competitive examinations and job recruitment tests after graduation.

4th Markhor Mathematics Competition Prize Distribution Ceremony

The 4th Markhor Mathematics Competition prize distribution ceremony was held on October 07, 2021, at BUIITEMS. 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 competition, Mr.

Irfan Ali, lecturer of Mathematics

BUIITEMS, and Mr. Saaduddin,

alumnus Department of

Mathematics, shed light on the competition's idea, initiation, and success.

The Chief Guest of the event, Pro-VC BUIITEMS, Dr. Faisal Ahmed Khan, congratulated the Department of Mathematical Sciences for organizing such a great competition and elaborated on the importance and need of mathematics in various sciences. Later, he presented the winners and organizers with shields, cash awards, and certificates.





DIRECTORATES

Directorate of University Advancement & Financial Assistance (UA&FA)

University Advancement & Alumni Relations



Alumni relations are of strategic importance for BUIITEMS. To achieve its goal of maintaining a life-long relationship, the Directorate of UAFA has developed a comprehensive database of BUIITEMS Alumni. We keep our alumni informed through different media like Newsletters, Annual Reports, e-mails and a Facebook group 'BUIITEMS Alumni Association'. BUIITEMS has so far produced 8911 graduates in different disciplines. Our alumni are residing and serving in 26 countries of the world.

Alumni generate invaluable word-of-mouth marketing among their social and professional networks. By engaging alumni, we can continue to benefit from their skills and experience. Our alumni are our international ambassadors. They take their knowledge of our institution to their hometowns and countries and into their professional and social networks. BUIITEMS Alumni Relation Office is in continuous contact with Alumni and engage them throughout the year.

Employability percentage

BUIITEMS Alumni Relations Office keeps following-up the employability/ marketability of our Alumni in the job market through surveys, telephonic inquiries and information received from the alumni. In general, the following tendency is recorded showing employability of our alumni in the job market at national and international level:

Overall employability %

Faculties	2019	2020	2021
Information and Communication Technology	36%	40%	43%
Management Sciences	41%	50%	58%
Life Sciences and Informatics	28%	29%	32%
Engineering and Architecture	46%	48%	53%
Humanities	41%	42%	46%
Basic Sciences Social Sciences and	34%	40%	41%

Information of self-employed Alumni

S.No	Name	Department	Admit Term	Business Name
01	Zakir Khan Khilji	B(Architecture)	Fall 2011	1. Green Constructions 2. Dot Studio, Building Materials Import and export and private Architect Consultancies
02	Elam Khan	BS Computer Engineering	Fall 2011	Nextlinks Computer Engineering and Software services Provider
03	Ali Sufyan	BS(Business Administration)	Fall 2004	Next Mile Consultant, Pakistan (IT)
04	Usman Sarwar	BS(Information Technology)	Fall 2012	Tech Solution Consultancy
05	Naseeb Khan	B (Fine Arts)	Fall 2011	Runa Painting
06	Syed Haris Shah	BS (Computer Engineering)	Fall 2009	Tracking & internet Services Company
07	Muhammad Javaid	BS(Computer Science)	Fall 2010	Reliable Innovative Technologies PVT Limited

BUIITEMS NUMBER OF GRADUATES

S.No	Degree Program	Male	Female
01	BS Computer Science	390	91
02	BS Computer Engineering	451	80
03	BS Information Technology	245	70
04	BS Telecommunication Engineering	371	60
05	BS Electronic Engineering	640	56
06	BS Electrical Engineering	203	15
07	BS Software Engineering	136	35
08	BS Petroleum & Gas Engineering	677	8
09	BS Mining Engineering	261	1
10	BS Civil Engineering	629	17
11	BS Geological Engineering	295	3
12	BS Textile Engineering	345	13
13	BS Chemical Engineering	429	12
14	B Architecture	119	51
15	BS Mechanical Engineering	130	1
16	BS Biotechnology	194	223
17	BS Microbiology	38	76
18	BS Environmental Sciences	15	10
19	B Business Studies	14	4
20	BS Public Administration	4	0
21	BS Business Administration	775	337

S.No	Degree Program	Male	Female
22	BS Economics	198	55
23	BS Social Sciences	31	6
24	BS International Relations	152	32
25	BS Physics	47	10
26	BS Psychology	3	10
27	BS Mass Communication	67	47
28	B Fin Arts	27	39
29	BS English	63	44
30	BS Chemistry	9	3
31	BS Sociology	19	8
32	BS Education	7	3
33	BS Mathematics	24	13
34	MBA	784	305
35	MBA Banking & Finance	248	108
36	MS Computer Science	45	24
37	MS Computer Engineering	11	3
38	MS Electronic Engineering	25	7
39	MS Information Technology	10	7
40	MS Telecommunication Engineering	15	7
41	MS Electrical Engineering	13	1
42	MS Civil Engineering	34	0
43	MS Mining Engineering	8	0
44	MS Textile Engineering	3	2
45	MS Chemical Engineering	7	2
46	MS Environmental Management And Policy	42	13
47	MS Biotechnology	61	54
48	MS International Relations	15	1
49	MS Mathematics	8	4
50	MS Physics	38	6
51	MS Microbiology	0	1
52	MS Chemistry	6	3
53	MS English Language & Literature	9	23
54	MS(Economics)	20	7

S.No	Degree Program	Male	Female
55	MS Management Sciences	18	18
56	PhD Biotechnology	7	2
57	PhD (Management)	1	0
58	PhD (Management & Economics)	1	0
Sub Total		8437	2031
Total Alumni		10468	

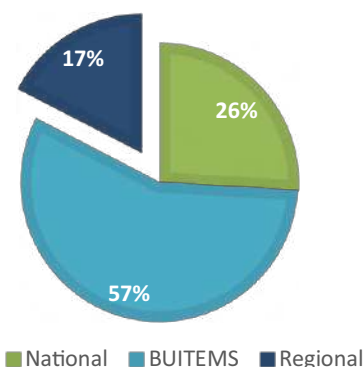
Financial Aid Office Annual Report 2021

BUIITEMS Financial Assistance office is a beacon of hope for the students from underprivileged areas and with low family income. To make higher education accessible to all, the Financial Assistance office works with great enthusiasm to facilitate students of BUIITEMS.

Sources of Funds in year 2021:

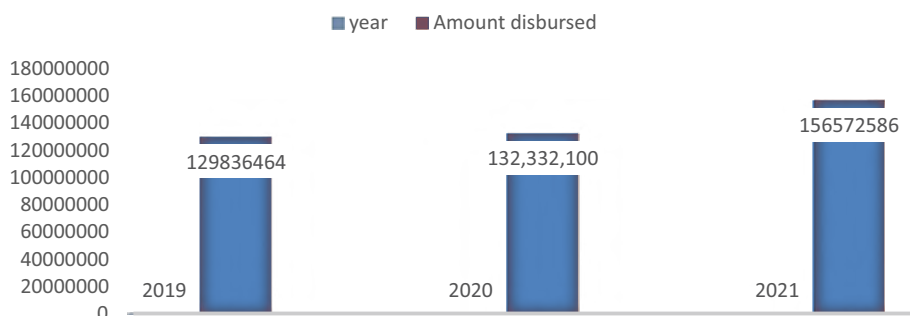
The sources of funds in year 2021 are divided into three categories.

- 1.National
- 2.BUIITEMS
- 3.Regional



Amount disbursed in year 2021:

The amount disbursed in year 2021 is Rs. 156,572,586/- (one hundred fifty-six million five hundred seventy-two thousand five hundred eighty-six)



No of Beneficiaries in year 2021:

3500+ students were facilitated in different Scholarship programs in year 2021.

Student benefited by working on campus:

By working on campus, 157 students earned their tuition fee and gained experience by working in different offices of the university.



Our Donors and their contributions in year 2021:



Professional Education Foundation is supporting students of BUIITEMS since 2012. In year 2021 PEF supports 56 Students of BUIITEMS. PEF provided an amount of Rs.3,920,000/- as a tuition Fee of students.

Pakistan Engineering council awarded 35 meritorious students of BUIITEMS. Financial Aid Received 3,500,000/- from PEC to award the students of session Fall 2020.



SSGC awarded 06 meritorious and needy students. An amount of 660,000 has been disbursed this year in the form of tuition fee and stipend.



USAID Merit and Need based program is working with BUITEMS since 2007. The program supports the brightest and the needy students through scholarship and different training programs. In year 2021, the program supports 10 undergraduate students and 20 female graduate students. A contribution of Rs. 2,853,935 was made by USAID in year 2021 as a tuition fee and Stipend.

Balochistan Education Endowment Fund is an initiative of Government of Balochistan. BEEF every year award top 10 meritorious students of undergraduate programs and top 05 students of graduate programs. This year 633 students were awarded BEEF scholarship. An amount of Rs. 37,980,000/- (60,000 each) has been awarded by BEEF.



With an aim to support the female students of Balochistan, British Scottish Scholarship signed an MOU with BUITEMS and supporting 08 graduate students to access higher education. An amount of 632,000/- has been disbursed so far by Financial Assistance office in the form of tuition fee.

OGDCL corporate sector strengthen its relationship with BUITEMS by supporting 3rd batch of 07 students at university. The students belong to underprivileged areas of Balochistan. OGDCL covers 4-year degree program in which the students get tuition fee along with stipend. An amount of Rs. 2,187,080/- has been disbursed in year 2021.



Ehsaas undergraduate Scholarship program an initiative of Government of Pakistan to support the deprived students of country in accessing quality education. In year 2021 EUSP phase I and II supports 829 students at university. An amount of Rs. 70,242,266/- disbursed among needy students in the form of tuition fee and stipend.

National Endowment scholarship for talent is a program to support the talented students of arts and promote the culture. Program supports 10 deserving and talented students of BUITEMS this year. An amount of Rs. 500,000/- was disbursed this year by Financial Assistance office.



Dr. Sareer Ara great friend of BUITEMS, philanthropist supports 04 female students of BUITEMS. In year 2021, Dr. Sareer Ara with the help of peace foundation awarded one time scholarship to the needy studnets. This year support of Rs. 451,480/- were disbursed by BUITEMS. An amount of Rs. 824,681 was awarded as one time scholarship

National Endowment Scholarship for Talent (NEST) Arts and Culture Scholarship

National Endowment Scholarship for Talent (NEST) Arts and Culture Scholarship is a program under the Ministry of Federal Education and Professional Training, Government of Pakistan. The main goal of the scholarship is to support poor and talented students in the fields of arts and design to promote arts and culture. The program aims to enable students to use these skills to improve their standard of living and make valuable contributions to the national economy.



NEST Arts and culture scholarship program announced scholarships in collaboration with Financial Assistance office BUIITEMS on December 10, 2020, for the students of BS Fine Arts, Fashion designing, BS Textile Engineering, and BS Architecture. On January 11, 2021, the Institutional Scholarship Award Committee (ISAC) meeting was held. After a thorough review of the evaluation criteria, 10 out of 49 deserving and talented students were awarded scholarships.



BEEF Cheque Distribution 2021



The Balochistan Education Endowment Fund (BEEF) is a revolutionary initiative of the Government of Balochistan which plays a vital role in strengthening students' future. Every year a Distribution Ceremony is held, and scholarship cheques are distributed among the meritorious students of BUIITEMS. The distribution was organized in the Takatu campus from June 02-04, 2021. A total of 43,020,000/ was disbursed among the top 15 students of each discipline of BS and MBA programs and top 05 students of MS program under BEEF policy 2019-20

covering students of second to fifth professionals.



Fee Concession and Work and Study Interviews

The Directorate of University Advancement and Financial Assistance (UA&FA) is committed to providing financial assistance, and for this purpose fee concession and Work and Study Interviews were conducted for Sessions Fall 2020 and Spring 2021. The interviews began on July 05, 2021, and continued till July 12, 2021, in the meeting room of UAFA by the BUIITEMS Scholarship Award Committee (SAC) under the chairmanship of Mr. Faisal Noshewani. The details of the interviews in numbers are as follows:

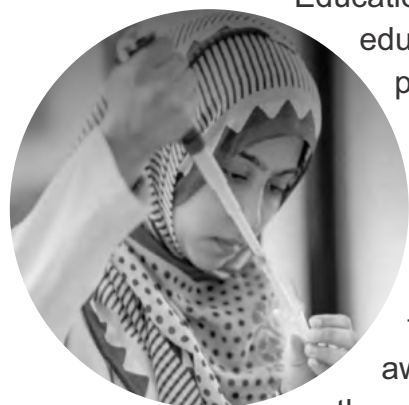


No of the students applied	1914
No of fee waiver Awarded	823
No of Work & Study Awarded	157
No of students awarded in Sports and Co-curricular Activities	55



Scottish Scholarship for Young Women

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



The Financial Aid office organized certificate distribution for the students of Scottish Scholarship awardees on October 30, 2021, at BUIITEMS main campus. 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.

Pakistan Engineering Council (PEC) Cheque Distribution Ceremony



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.

The financial Assistance office organized Pakistan Engineering Council Need cum merit basis scholarship distribution ceremony on November 9, 2021 at BUITEMS. The ceremony was organized to distribute the cheques among the meritorious students of BUITEMS. In total, 35 students were awarded 3500,000 (Rs. 100,000 /student). The chief guest of the ceremony was Dr. Faisal Khan, along with Addl. Director, Mr.Faisal Noshervani.



Ehsaas Certificate Distribution Ceremony

BUITEMS, in collaboration with BISP, hosted the Ehsaas Undergraduate Scholarship certificate distribution ceremony on November 16, 2021, at Takatu Campus. The event is 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 BUITEMS, Mr. Syed Zahoor Agha, and Vice Chancellor BUITEMS, Ahmed Farooq Bazai S.I.distributed certificates to the Ehsaas scholarship holders of BUITEMS and Sardar Bahadur Khan Women University (SBK).



BUIITEMS Career Services Office

BUIITEMS Job Fair 2021

BUIITEMS 4th Career and Job fair was successfully held on December 31, 2021 in collaboration with UN RC Office, UNHCR, Atlas Honda, BEEF and Toyota Zarghoon Motors. The chief guest of the event was 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, to enhance employability skills, providing decent work opportunities, address employers' recruitment needs and ultimately contributing to the sustainable economic development needs of the region. BUIITEMS intends to organize career and job fair to facilitate the youth of Balochistan for finding better and diverse career opportunities and to ensure 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) visited all employers' stalls, and thanked for their participation in Job Fair. And they thanked all employers for participating and offering employment and experiential learning opportunities to the young graduates of BUIITEMS.



Workshops

S.No	Name of Activity	Speaker, Moderator	Dated
1	Workshop on "Resume/CV Writing"	Guest Speaker: Ms. Khadija Jaffar , Moderator: Mr. Ali Zain (Manager Job Placement and Internship)	9 th Dec 2021
2	Workshop on "Job Interviewing Skills"	Guest Speaker: Ms. Khadija Jaffar, Moderator: Mr. Ali Zain (Manager Job Placement and Internship)	16 th Dec 2021

600 students were facilitated in seminars, workshops, individual & group counseling sessions while 500 students got facilitated through individual career counseling during the job fair.

Sessions

- Choosing major
- Entrepreneurship and Business Idea Development
- Experiential learning (Internship ,Field visits , Apprenticeship, Case studies)
- Exploring professional career development opportunities
- How to choose your major
- Job Interviews and Mock interviews sessions
- Job search strategies
- Networking and Informational Intertwines
- Overseas Scholarships, exchange programs and other professional career development opportunities.
- Personality Interest and Skills assessment
- Resume writing , Resume critiques, Cover Letter writing
- Scope of different occupations
- Learn decision-making skills, especially as related to significant choices like one's major or career direction.
- Explore other issues (stress, family, finances, etc.) which may make it difficult to focus on choosing a major or career.
- Stress management
- Explore what kind of work might be satisfying.
- Narrow their interests.
- Research different majors and occupations.
- Discuss academic struggles

Number of students Facilitated through individual & Group Counseling in 2021

Individual counseling	500
Group counseling & Workshops	600
Total	1100

Job and Internship Placement

Career Services Office developed strong industry linkages and developed employers' database of key employers with the aim of enhancing experiential learning and employability of students and graduates.

Graduates placed indirectly through Walk-In Interviews and sharing graduates profile to relevant employers

S.No	Name of Employer	Number of Vacancies
1	BRSP (Batch of Master Trainers)	46 (FMS, FOE&A, FSHH)
2	MPCL (Mari Youth Training Program)	28 (FOE&A, FICT, FLSI)
3	Karsaz Private Limited (Assistant Engineers)	16 (FOE&A)
4	THE BANK OF AZAD JAMMU & KASHMIR	05 (FMS)
5	Governance and Policy Project (Young Professional Programme)	05 (FMS, FSSH, FICT)
6	Muslim Commercial Bank	05 (FMS)
7	Cotton Web Company	03 (FMS)
8	DHA (Trainee Engineers)	03 (FOE&A)
9	Nestle MTO Batch Hiring (Females)	02 (FMS)
10	Telenor	02 (FMS)
11	Serena Hotels	02 (FMS)
12	Pakistan Poverty Alleviation Fund	02 (FICT)
13	TCS Private Limited	02 (FMS)
14	Atlas Honda (MTOs)	02 (FMS)
15	Jazz	02 (FMS)
16	Expo Centre Pakistan (Civil Engineers)	02 (FOE&A)
17	National Logistics Cell	01 (FMS)
18	Oxford Press	01 (FMS)
Total (Graduates hired)		129

List of Students placed in different organizations for Internship

S.No	Name of Organization	Number of Students
1	PTCL	12 (FICT)
2	BPPRA GPP Balochistan	12 (FMS, FSSH, FICT)
3	National Highways and Motorways Police	11 (FSSH, FMS, FICT)
4	QESCO	10 (FICT)
5	Sugar Mills Sindh	08 (FOE&A)
6	Pepsi Co	08 (FOE&A)
7	National Highway Authority	08 (FOE&A)
8	Guddu Powerplant	06 (FICT)
9	Central Power Generation Co. Ltd.	06 (FOE&A)
10	Augersoft Software Company (U.S. Based) Virtual Internships	05 (FICT)
11	Nestle (Nutrition Section)	05 (FLSI)
12	ISPR	05 (BS Mass Communication)
13	OGDCL	05 (FOE&A, FICT)
14	Merck Medicine Factory	05 (FOE&A)
15	Bol News	04 (FSSH, FABS)
16	DG Cement	04 (FOE&A)

S.No	Name of Organization	Number of Students
17	ama News	04 (FSSH)
18	Lahore Waste Management Company	04 (FOE&A)
19	K&N's Lahore	04 (FOE&A)
20	Pak Suzuki Karachi	04 (FOE&A)
21	Sheikh Zayyad Hospital	04 (FOE&A)
22	Wah Ordinance Factory Rawalpindi	04 (FOE&A)
23	Telenor	03 (FICT)
24	Civil Hospital	03 (FLSI)
25	Quetta Institute of Medical Sciences (QIMS)	03 (FLSI)
26	Lahore Electric Supply Company	03 (FOE&A)
27	Pakistan Petroleum Limited	03 (FICT)
28	Balochistan Institute of Nephrology Urology Quetta BINUQ	03 (FLSI)
29	WAPDA	03 (FOEA, FICT)
30	SUPARCO	03 (FICT)
31	NetKom	03 (FICT)
32	NED Karachi	02 (FOE&A)
33	CASVEB	02 (FLSI)
34	National Transmission & Despatch Company	02 (FICT)
35	Fatima Jinnah Hospital	03 (FLSI)
36	Fuji Fertilizer Company	02 (FOE&A)
37	MPCL	02 (FOE&A)
38	Ministry of Railways	02 (FICT)
39	State Bank Internships	02 (FMS)
40	Sapphire Finishing Mills	02 (FOE&A)
41	Sui Southern Gas	02 (FOE&A)
42	Others (Companies provided 1 internship)	117
Total internships:		283



Directorate of Human Resource Development

HRD Trainings

The Following Trainings have been Conducted by DHRD during the Year 2021

S.No	Title	No. of Participants	Organized by	Duration	Dated
01	365 Dynamics Application software for employees use	62	HRD BUIITEMS	5 days	4-8 January,2021
02	Training of Trainers:training leader of community from BRSP” “ Community & Leadership Management Skills”	30	HRD and BRSP	6 days	18-21,25-26 January,2021
03	Programmable Logic controller for students of FICT/CPD	22	BUIITEMS	1 day	12 August,2021
04	Report on One day CPD Program “Machine Learning using Python” for students of FICT	31	BUIITEMS	1 day	28 October 2021
05	“Auto-Cad and Quantity Surveying” for Govt employees of irrigation department	10	Govt of Baluchistan, BIWRMDP Project of World Bank and BUIITEMS	15 day	11 October- 01 November 2021
06	Personal Development Skills for Professional Excellence” for Assistant Registrar(s) of the Baluchistan Public sector HEIs	10	National Academy of Higher Education (NAHE) and BUIITEMS	2 days	5-6 November 2021
06	10 days Training program for newly inducted faculty members and staff "Professional Development Skills."	22	BUIITEMS HRD	10 days	27 December, 2021-7th January 2022

Implementing ERP in BUIITEMS (365 Dynamics)

BUIITEMS has always focused on Enterprise Resource Planning (ERP), ERP is the backbone of every organization's Finance and overall operations. It manages numerous operations such as Accounting, Budgeting, Human Resource Management, Procurement Processes, Inventory Management, and Asset Management through automation. The President of Pakistan office disseminated an official notelet to all the universities of Pakistan concerning standardizing their



accounting measures. Fortunately, BUIITEMS already had started applying the ERP project of Microsoft Dynamics 365.



The administrative staff is skilled in running the processes and assignments through an automation system under MSD-365. Purchase requisitions, purchase orders, invoices, and payments are processed through Microsoft Dynamics 365, which has the concept of e-filing processes.

Training of Trainers (TOT) in Community/ Leadership & Management Skills

The Directorate of Human Resource Development (HRD), in collaboration with the Balochistan Rural Support Program (BRSP), conducted a five-day Training of Trainers (TOT) in Community/Leadership & Management Skills at BUIITEMS on January 04-08, 2021. BUIITEMS' personnel, including Mr. Zafar Ullah Assistant Professor, Department of Sociology, Mr. Shams ur Rehman, Manager, UA&FA, Mr. Ali Zain ,Manager, UA&FA, Mr. Salar Khan, Deputy Director, HRM, facilitated as the resource persons.



Dr. Shah Nawaz Khan, Senior Manager Programs/Team Leader BRACE, & Mr. Hassan Ali, Manager Capacity Building, Mr. Zaheer Tareen & Mr. Maqsood Ahmed, Coordinators Capacity Building, and Ms. Fatima Nangiyal, Manager Gender & Development, represented BRSP as resource persons.

Mr. Nadir Gul, Chief Executive Officer BRSP, Mr. Shoaib Sultan Khan, Chairman RSPN, Ms. Shandana Khan, Chief Executive Officer RSPN, and Mr. Ali Azizi, Social Mobilization expert RSPN participated as guest speakers

On completing the training, Dr. Faisal Ahmed Khan, Pro-ViceChancellor, BUIITEMS awarded the certificates to the participants and presented a souvenir to the BRSP resource persons.

Programmable Logic Controller



The Directorate of Human Resource Development (HRD), in collaboration with the Faculty of Information and Communication Technology (FICT), arranged a one-day training workshop on "Programmable Logic Controller" for teachers and final year students of the Faculty of ICT, in response to the significant demand of Continuing Professional Development (CPD) activities for engineers, on August 12, 2021, at BUIITEMS Takatu Campus.

Dr. Imran Qureshi, Assistant Professor, and Mohammad Haris, Lab Engineer from the Department of Electrical Engineering, facilitated the workshop. The session commenced with a brief introduction to automation and its control, followed by programmable logic control in contrast to relay logic control. On completing the workshop, the Director of HRD thanked the resource persons and the participants for their time and efforts, and the Dean, Faculty of ICT, distributed the certificates amongst the trainees.



Machine Learning using Python

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 ICT on October 28, 2021, at BUIITEMS Quetta.



The students were taught to set installation, understand the data set and processing, and introduce and import built-in libraries. The HRD team welcomed all the participants and resource person Dr. Muhammad Umar Chaudhry, Assistant Professor, MNS-University of Multan.



AutoCAD and Quantity Surveying



The Directorate of HRD organized a 15 days training workshop on "Auto-Cad and Quantity Surveying" sponsored by the Government of Balochistan under the World Bank-funded project titled Balochistan Integrated Water Resources Management & Development Project (BIWRMDP) at BUIITEMS from October 11 to November 01, 2021.

The Opening ceremony was attended by Mr. Barkatullah Kakar, Project Director, and Farooq Ahmed, Procurement Engineer (BIWRMDP). Mr. Ghulam Rabbani, Additional Director HRD, welcomed the participants and guests and introduced the resource persons Ar. Abdullah Sami and Ar. Adeel Zahoor. The closing ceremony was conducted under the Chairmanship of Faiz ul Haq, Additional Secretary Irrigation Department. The representatives were Mr. Barkatullah Kakar, Project Director BIWRMDP, and Farooq Ahmed, Procurement Engineer. Additional Director (Human Resource Development).



Personal Development Skills for Professional Excellence

National Academy of Higher Education (NAHE), Higher Education Commission (HEC) Islamabad, in collaboration with HRD BUIITEMS, organized a two days Capacity Building Program titled “Personal Development Skills for Professional Excellence” for Assistant Registrar(s) of the Balochistan Public sector HEIs at BUIITEMS on November 05-06, 2021.



The inauguration session was started by Dr. Shaheen Sardar Ali, Rector NAHE (HEC) Islamabad, She welcomed the trainees and resource person



The resource person, Dr. Hamid Rafiq Khattak took over the session; he discussed the difference between self-perception, self-script, and self-development. He emphasized introspection as the first key to understanding who we are, and a relative questionnaire was distributed among the trainees. The second session was also chaired by the Engr, Farooq Ahmed Bazai, Vice Chancellor BUIITEMS; he motivated the trainees to learn effectively and contribute to the training.

Dr. Shaheen Sardar Ali expressed her wishful views regarding the training; according to her, HEC has established two NAHE Regional Hubs at HEC RC, Peshawar for KP, and BUIITEMS Quetta for the Balochistan region. These Regional Hubs aim to help NAHE ensure high-quality services to faculty and staff to further their professional development and collaborate for training and research purposes. The training ended with certificate distribution to the trainees & resource persons.



Ten days of Training for Newly Inducted Faculty Members “Professional Skills Development Training Program”

The Directorate of Human Resource Development organized ten days of an 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) at BUITEMS Quetta. Resource persons from BUITEMS including,



- **Prof. Dr. Bakhtiar Khan Kasi**
Dean,
Faculty of ICT
- **Ms. Anqa Gharshin**
Lecturer,
Department of Psychology
- **Dr. Abdul Basit Memon**
Assistant Professors, Department of
Computer Science, Habib University Karachi
- **Dr. Fozia Ahmed**
Assistant Professor,
Department of Education
- **Mr. Asmatullah**
Assistant Professor,
Department of Psychology
- **Dr. Manzoor Ali Brohi**
Assistant Professor,
Department of Management Sciences
- **Dr. Rahila Umer**
Associate Professor/Dean,
Faculty of Social Sciences & Humanities
- **Prof. Dr. Nazeer Ahmed**
Professor/Dean,
Faculty of Life Sciences & Informatics
- **Dr. Uzma Munawar**
Assistant Professor,
Department of Education
- **Dr. Syed Muddasir Hussain**
Assistant Professor,
Electronic Engineering, FICT
- **Mr. Muhammad Ali**
Lecturer,
Management Sciences
- **Dr. Faiza Akhtar**
Associate Professor,
Department of Environmental Sciences
- **Dr. Ghina Saleem**
Assistant Professor,
Department of Psychology
- **Dr. Abdul Samad**
Assistant Professors, Department of
Computer Science, Habib University Karachi
- **Dr. Amin**
Associate Professor,
Department of Chemical Engineering, FOE
- **Dr. Shah Marjan**
Assistant Professor,
Computer Engineering, FICT
- **Dr. Attiq-Ur-Rehman**
Associate Professor,
Electrical Engineering, FICT
- **Mr. Mehrullah Soomro**
Lecturer, Computer Science,
FICT
- **Ms. Bakht Bibi**
Lecturer, Department of English
- **Mr. Abdul Basit**
Deputy Director, Graduate Studies Office
- **Dr. Anayatullah**
Director, ORIC
- **Mr. Hafeezullah**
Add. Director IT
- **Ms. Komal Zakir**
CMS Functional Leads, Directorate of IT
- **Ms. Paras Pervez**
CMS Functional Leads, Directorate of IT
- **Mr. Abdul Qadeem Kakar**
Director, Admin & General Services
- **Mr. Kaleemullah Babai**
Dy. Director Accounts
- **Mr. Salar Khan**
Deputy Director HRM
- **Prof. Dr. Noor-ul-Hudda Khan Asghar**
Department of Physics

The training areas covered by the resource persons included,

- Importance of professionalism in the workplace
- Understanding the worth of Education in the context of Higher Education
- Training development & learning philosophy
- Effective Communication & Presentation
- Learner psychology
- Stress Management & Teaching Methodology
- Academic planning and management
- Academic Supervision/Classroom Management Techniques
- Transparent Curriculum Development & need for curriculum development
- Governance & Leadership for Teachers
- University Teaching Methodology

- Enhancing learning Competency Andragogy skills
- Research Methods & Skills & statistical data analysis methods
- Course File Management

The closing ceremony was conducted on January 10, 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 and resource persons.

Human Resource Development Unit (HRDU)

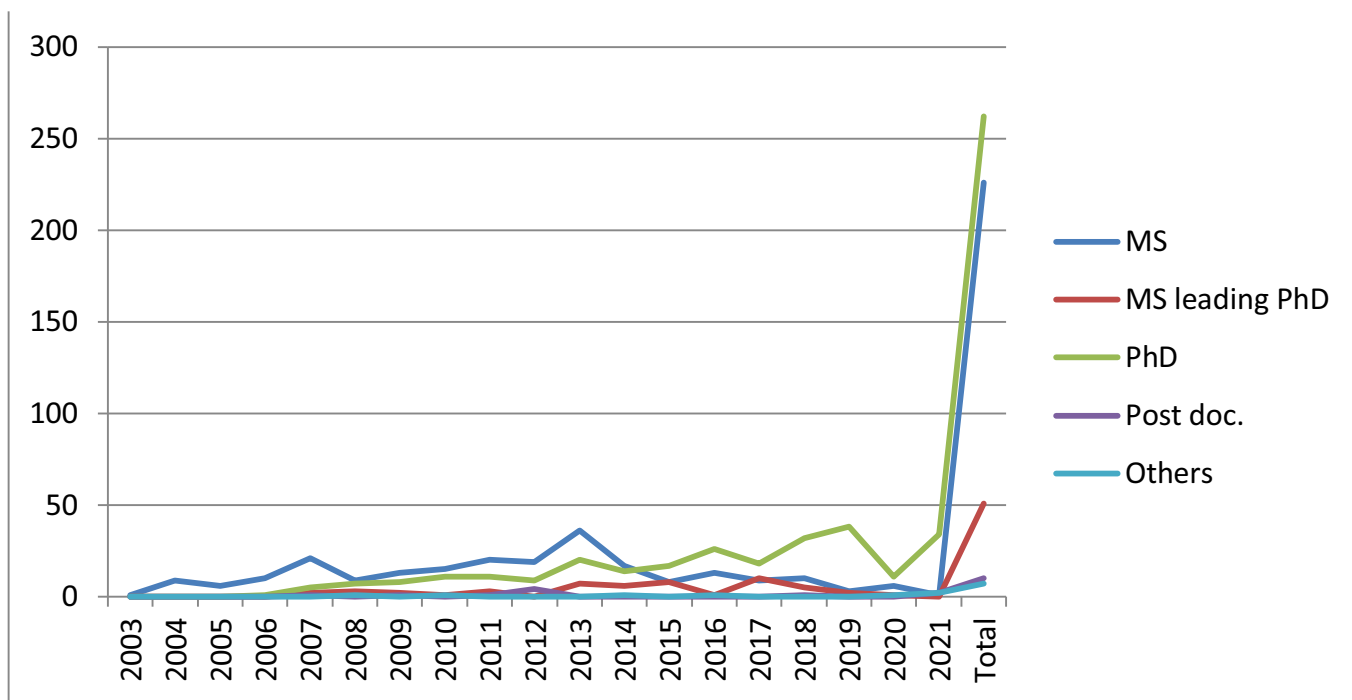
The office of the Human Resource Development Unit (HRDU), Directorate of HRM, BUIITEMS, provides a platform for employee development and establishes positive outcomes for its employees and organization.

Despite the pandemic, this has been another excellent year for Faculty Development, and the appreciative work of the Directorate of HRM contributed a lot to the Faculty Development in the year 2021.

The charts below exhibit an analysis of the training and development program, which has a practical impact on the objectives of employees and the organization.

BUIITEMS Scholars proceeded for MS/MS Leading to PhD/PhD during the years 2003-2021

Proceeded in years	MS	MS leading PhD	PhD	Post doc	Others	Total
2003	1	0	0	0	0	1
2004	9	0	0	0	0	9
2005	6	0	0	0	0	6
2006	10	0	1	0	0	11
2007	21	2	5	1	0	29
2008	9	3	7	0	1	20
2009	13	2	8	1	0	24
2010	15	1	11	0	1	28
2011	20	3	11	1	0	35
2012	19	0	9	4	0	32
2013	36	7	20	0	0	63
2014	17	6	14	0	1	38
2015	8	8	17	0	0	33
2016	13	1	26	0	1	41
2017	9	10	18	0	0	37
2018	10	5	32	1	0	48
2019	3	2	38	0	0	43
2020	6	1	11	0	1	19
2021	01	0	34	02	02	39
TOTAL	226	51	262	10	07	556

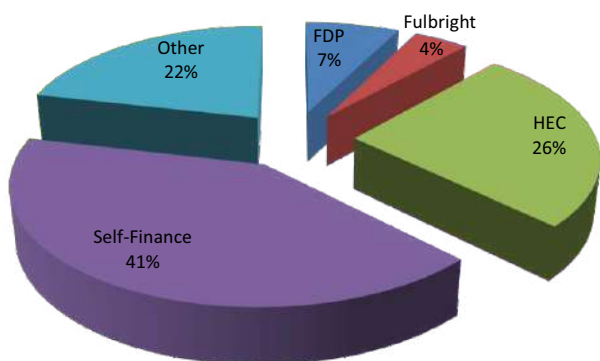


Summary Scholars Proceeded during the year 2003 to 2021

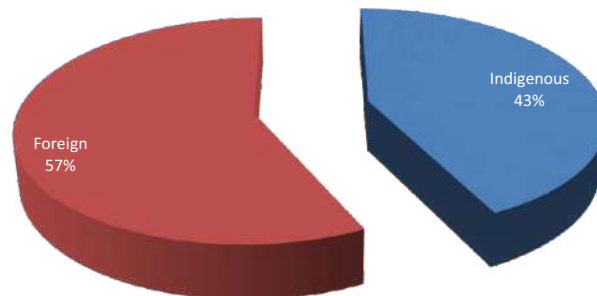
S.No	Sources	MS/ME/ Master/ M Phil	MS leading PhD	PhD	Post doc	Others (Certification etc)	Total
1	FDP	8	21	12	0	0	41
2	Fullbright	8	3	12	0	1	24
3	HEC	11	38	89	4	1	143
4	Self-Finance	160	4	60	1	4	229
5	Other	30	7	75	5	2	119
Total		217	73	248	10	8	556

Source Wise Scholar Detail

■ FDP ■ Fullbright ■ HEC ■ Self-Finance ■ Other



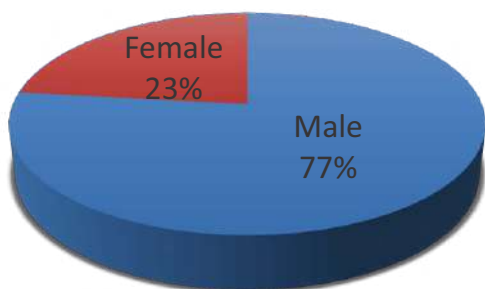
■ Indigenous 242 ■ Foreign 323



Country Wise Scholars Data Proceeded during the Years 2003-2021

Country	MS	MS leading PhD	PhD	Post doc	Others	Total
Pakistan	150	7	81	0	4	242
China	10	2	37	3	0	52
Australia	16	2	9	1	0	28
Germany	4	4	5	2	0	15
USA	8	3	23	0	2	36
UK	11	1	12	2	0	26
Thailand	0	1	8	0	0	9
Malaysia	12	6	46	0	0	64
New Zealand	2	0	15	0	0	17
France	1	3	7	0	0	11
South Korea	4	13	7	0	0	24
Japan	4	3	2	0	0	9
Italy	2	6	2	0	0	10
Sweden	1	0	2	0	0	3
Finland	0	0	2	0	0	2
Canada	1	1	2	0	0	4
Turkey	1	3	6	0	0	10
Bronai	1	0	0	0	0	1
Norway	0	0	1	0	0	1
Spain	1	0	0	0	0	1
Belgium	0	0	1	0	0	1
Czech Republic	0	2	2	0	0	4
Sri Lanka	2	0	0	0	0	2
Greece	0	0	0	1	0	1
Brazil	1	0	0	0	0	1
Qatar	0	0	1	0	0	1
Ireland	0	0	1	0	0	1
Kazakhstan	0	0	1	0	0	1
Total	232	57	273	9	6	577

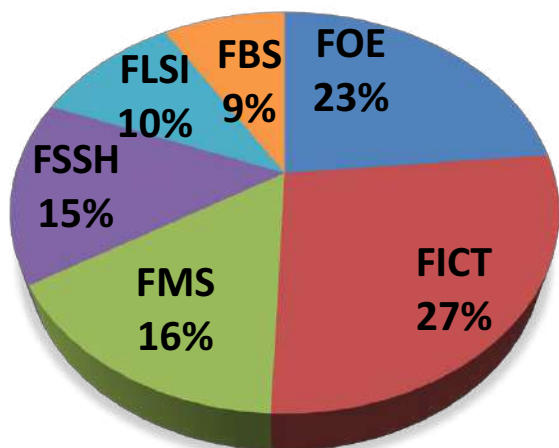
Gender Wise Scholar Detail



■ Male ■ Female

Male	Female	Total
291	88	379

Faculty Wise Scholar Detail



Faculty	Male	Female	Total
FOE	83	6	89
FICT	82	21	103
FMS	40	19	59
FSSH	40	16	56
FLSI	24	15	39
FBS	22	11	33

■ FOE ■ FICT ■ FMS ■ FSSH ■ FLSI ■ FBS

Scholars Data Sheet in Tabular Form 2003-2021

Years	Status	MS/MPHil	MS leading PhD	PhD	Post doc	Other Certification	Total
2003	Enrolled	01	00	00	00	00	01
	Completed	00	00	00	00	00	00
2004	Enrolled	09	00	00	00	00	09
	Completed	00	00	00	00	00	00
2005	Enrolled	06	00	00	00	00	06
	Completed	00	00	00	00	00	00
2006	Enrolled	10	00	01	00	00	11
	Completed	02	00	00	00	00	02
2007	Enrolled	21	02	05	01	00	29
	Completed	18	00	00	00	00	18
2008	Enrolled	09	03	07	00	01	20
	Completed	16	00	00	00	00	16
2009	Enrolled	13	02	08	01	00	24
	Completed	04	00	00	00	01	05
2010	Enrolled	15	01	11	00	01	28
	Completed	11	00	03	02	00	16
2011	Enrolled	20	03	11	01	00	35
	Completed	09	00	06	00	00	15
2012	Enrolled	19	00	09	04	00	32
	Completed	10	00	03	00	01	14
2013	Enrolled	36	07	20	00	00	63
	Completed	19	00	03	03	00	25
2014	Enrolled	17	06	14	00	01	38
	Completed	08	00	08	00	00	16
2015	Enrolled	08	08	17	00	00	33
	Completed	02	00	04	00	01	07
2016	Enrolled	13	01	26	00	01	41
	Completed	06	01	03	00	01	11
2017	Enrolled	09	10	18	00	00	37
	Completed	03	00	04	00	00	07

Scholars Data Sheet in Tabular Form 2003-2021

Years	Status	MS/MPhil	MS leading PhD	PhD	Post doc	Other Certification	Total
2018	Enrolled	10	05	32	01	00	48
	Completed	06	05	6	00	00	17
2019	Enrolled	03	02	38	00	00	43
	Completed	06	04	18	00	00	28
2020	Enrolled	06	12	0	00	01	19
	Completed	06	00	8	00	00	14
2021	Enrolled	01	00	34	02	02	39
	Completed	02	01	7	00	01	11
Total Enrolled from 2003 to 2021							556
Total Completed from 2003 to 2021							222





PhD Profiles



Dr. Sibghat Ullah Bazai

Dr. Sibghat Ullah Bazai is currently working as the Chairperson and Assistant Professor in the Department of Computer Engineering, BUITEMS, Quetta. He has a teaching experience for more than ten years and a few years of administrative experience. Dr. Sibghat started his professional career in October 2009 as Network and Information Technology (N&IT) administrator from Conwill Pakistan. He joined the Department of Computer Engineering, BUITEMS Faculty as a Lecturer in 2011. He was promoted to Assistant professor in 2016.



He is a proud alumnus of BUITEMS, where he completed his BS Degrees (2009) and MS Degree (2014) in Computer Engineering. He completed his Ph.D. degree in Cyber Security from Massey University Auckland, New Zealand, in 2020 under the supervision of Professor Julian Jang-Jaccard. In his Ph.D. research work, he proposed “Data Anonymization Algorithms to Protect Individual's Privacy in Distributed Big Data Processing Platform.” He published more than twenty-five research articles in well reputed international and national conferences and ISI-indexed journals. He actively collaborates with many international and national research groups in Cyber Security, Data Anonymization, Deep Learning, Natural Language Processing, and Local Languages Sentiment Analysis.

Dr. Muhammad Adeel Anjum



Dr. Muhammad Adeel Anjum completed Ph.D. degree in Business Administration from the AACSB and AMBA accredited School of Economics & Management, Harbin Institute of Technology, China, in July 2021, under the mentorship of Prof. Dr. Dapeng Liang. His doctoral research was focused on examining the psychological and behavioral ramifications of workplace mistreatment. His research work has been published in top-tier journals such as Management Decision, International Journal of Conflict Management, Current Psychology, Journal of Management & Organization, and Internet Research. Currently, he is working as an Assistant Professor at the Department of Management Sciences.

Dr. Ar. Sohrab Ahmed Marri (USTEPS HRDI scholar-Italy)

Dr. Ar, Sohrab Ahmed completed Bachelor of Architecture with honors from CEAD Mehran University of Engineering and Technology. He received the Mehdi Ail Mirza award for being the best young architect. Soon after graduation, he joined BUITEMs as a visiting lecturer. His dream came true when he was selected as an HEC USTEPS HRDI scholar. He completed his MS leading to Ph.D. On successful completion; he was selected for architecture and construction aid cooperation between Pakistan and China under CPEC with a case study of Gwadar. Furthermore, he completed the “Architecture for Other. China's Eclectic Pragmaticism in developing countries within belt and road initiative” project.



Engr. Dr. Azizullah Shaikh

He joined BUIITEMS in May 2007 as a Research Associate after six-year experience as Assistant Manager (Mechanical Engineering Section) at Al-Abbas Cement Industry Nooriabad Jamshoro Sindh. Since July-2016, he has been performing his duties as an Assistant Professor in the Department of Petroleum and Gas Engineering, Faculty of Engineering and Architecture.



Further, he received a Ph.D. degree in “Oil-Gas Field Development Engineering” from China University of Petroleum (East China) Qingdao, in December 2021, under his mentor Prof. Dr. Dai Caili. During the study, he researched “Preparation of a CO₂ Sensitive Clean Fracturing Fluid and its Displacement in Ultra-low Permeability Oil Reservoir”.

Moreover, he possesses appreciative knowledge in hydrocarbon exploration, drilling engineering, production engineering, and enhanced oil recovery techniques. As a first/co-author, he has many SCI/SCIE/EI publications in different well-reputed Journals. During his Ph.D., he was also awarded the “Qingdao Municipal Government Scholarship China” for an “Exceptional Performance” in academic activities. Moreover, he is registered as a “Professional Engineer” by the Pakistan Engineering Council (PetGas/572) and a Member Society of Petroleum Engineers International.

Dr. Ar. Waqas Ahmed Mahar



Dr. Waqas Ahmed Mahar is currently working as the Chairperson/Assistant Professor at the Department of Architecture, BUIITEMS Quetta, Pakistan. He is an architect and urbanist. His research focuses on sustainable architecture and urbanism, thermal comfort, housing, passive and bioclimatic design, energy-efficiency policies and practices, indoor environmental quality, and building performance simulation.

Dr. Waqas completed his Ph.D. in Architecture & Urban Planning from the University of Liège, Belgium, in 2021. He is the first Ph.D. holder in Architecture & Urban Planning in Balochistan province and the only Pakistani architect who did his Ph.D. in Thermal Comfort and Building Performance Simulation. He is also HEC approved Ph.D. Supervisor in Architecture and Urban Planning. Dr. Waqas has received several awards and recognitions, including FSA End of Ph.D. Funding (University of Liège) 2020, National Scholarship Programme of the Slovak Republic 2019, HEC Pakistan Faculty Development Scholarship 2015, Best Student Award-Gold Medal (UTM Malaysia) 2012, Most Global Minded Member (AIESEC in Belgium) 2016, Education Endowment Fund (Government of Sindh) 2004, etc. He is actively involved in knowledge sharing and delivers lectures in Pakistan and abroad.

Dr. Waqas has worked as a registered architect in Pakistan, a housing manager in Malaysia, and an academic/researcher in Pakistan, Malaysia, and Belgium. He is an active member of the Pakistan Council of Architects and Town Planners (PCATP), International Council on Monuments and Sites (ICOMOS) Pakistan, and International Council on Intangible Cultural Heritage (ICICH), and Pakistan Institute of Interior Designers (PIID). Moreover, he is also the Vice-Chairman of the Institute of Architects Pakistan (IAP), Quetta Chapter.

Dr. Muhammad Salman Nazar

Dr. Muhammad Salman Nazar completed his PhD in Civil Engineering from Beijing University of Technology (BJUT), China, on the July 5, 2021. He received his Ph.D. degree under the guidance of Prof. Dr. Ma Guowei. His research focuses on the Importance and Potential of Cellulosic Materials and Derivatives in Extrusion-3D Concrete Printing (3DCP). Currently, he is serving as an Assistant Professor in the Department of Civil Engineering, Faculty of Engineering and Architecture.



During his academic career, he has published papers in a Research Journal categorized by the Higher Education Commission (HEC) as “W” within the knowledge areas (Engineering/ Materials Science). Furthermore, this journal is categorized as “Platinum Medallion, Subject Area Position 69/2621, and JPI 93”.

With considerable field experience, he is a Civil Engineer with a research interest in innovative/ efficient construction materials development, sustainable concrete materials, 3D concrete printing (3DCP), and waste valorization in concrete construction. He also has expertise in the experimental characterization of concrete materials and their optimization for Digital Fabrication, i.e., Additive Manufacturing (AM). Overall, the emphasis is on improving civil infrastructure's sustainability and resilience.

Dr. Muhammad Waseem Khan



Dr. Muhammad Waseem has been serving BUIITEMS as an Assistant Professor in the Department of Biotechnology. He completed his doctoral degree in December 2020 from the University of Eastern Finland, Finland, under Professor (emeritus) Jukka Juutilainen.

During his Ph.D. studies, he worked on investigating the adverse health effects (Cancers: Hematological neoplasms, Glioma, Meningioma, Melanoma, Squamous cell carcinoma; and reproductive health effects) of exposure to non-ionizing radiations. He has published several articles on the adverse health effects of exposure to environmental stressors in high-impact peer-reviewed scientific journals.

His research areas of interest are Environmental Health and Environmental Epidemiology. He is particularly interested in investigating adverse health effects, i.e., cancers, cardiovascular diseases, reproductive and other health effects of exposure to ionizing/non-ionizing radiations, particulate matters (PM 10, PM 2.5, PM 0.1), and other environmental stressors.



BUIITEMS CPEC Center

China Study Center (CSC) at ICE CUBE Conference

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 to 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 center's activities, such as the offers of Chinese language courses, research on CPEC, and the promotion of Chinese culture and arts.

Orientation Session of Chinese Language Course

On November 17, 2021, China Study Center, BUIITEMS, organized an orientation session for the students of the Chinese language course (Hanyu Shipping Kaoshi HSK-1). The event took place at PINK Hall, Takatu Campus, BUIITEMS. In his opening remarks, Dr. Faisal Ahmed Khan, then-Pro-Vice Chancellor BUIITEMS, welcomed all the students and delivered a brief speech on the importance of the



Chinese language. After that, Dr. Abdul Sattar, Director of the China Study Center, provided a brief introduction to China Study Center, its objectives, and activities. Finally, Dr. Zamir Abro (理安), Deputy Director of CSC and Chinese language instructor, shared his experience with the students about China and the scope of learning the Chinese language. He



further enlightened students about how to learn Chinese as early as possible and introduced the syllabus of HSK-1 in steps. At the end of the session, Dr. Raja Asif, Additional Director CSC, thanked all participants.

Chinese Language Classes at BUIITEMS

The Classes for the Chinese language course (Hànyǔ shuǐpíng kǎoshì HSK-I) under China Study Center started on November 22, 2021 at Takatu Campus, BUIITEMS. This was a three-month basic introductory course on the Chinese language. Two sections, A & B, were formed and taught by Dr. Zamir Ahmed Abro and Dr. Raja Asif Wagan.



Directorate of Quality Enhancement & Accreditation

DIRECTOR'S Message:

BUIITEMS is a world-class university committed to providing quality education to the students of Balochistan. Quality Assurance has become a defining feature of higher education in the last few decades. BUIITEMS accords a high priority to quality assurance in all its work. The Directorate of QE&A implements and ensures quality across the university. Its work is matched by the steps that have been taken in academic and administrative departments to ensure that the highest quality of learning, teaching, curricula, research, and the academic pursuit of



knowledge is maximized. The university has a well-defined system to take feedback from internal and external stakeholders to improve the teaching skills and curriculum. Another achievement of BUIITEMS is shifting from a normal accreditation process to outcome Based Education (OBE) in engineering programs that have synchronized the University degrees with International standards. We also focus on academia-industrial linkages to synergize academic activities with Government and industry to provide a knowledge-based economy. The three guiding principles of QE&A are efficiency, capacity building, and quality. These standards are achieved by the cooperation of all the collaborators, including the students and faculty, by the guideline of HEC. We, at this stage, hope that QE&A will play an essential role in the betterment and achievement of academic quality and standards in the time to come.

Strategic Highlights

With the evolution in global educational standards, the focus on the quality of education has tremendously increased. University education focuses more on personality building, knowledge base, and practical abilities of graduates, contrary to the past era of providing them with degrees as entry tickets to attain jobs. Enhancement of the quality of education has become more critical for any nation in the world and a depiction of growth. Moreover, aspiring to higher standards of educational quality is no longer a luxury. Universities' quality assurance can be briefly described as a continuous self-assessment process by seeking internal and sometimes external validation or accreditation. This process ensures an effective alternative to the pre-determined requirement of educational quality by an institution or program of study.

Vision

The Directorate of Quality Enhancement & Accreditation aims at uplifting the quality of education and harmonize standards of the degree of the universities with the international standards through the development of a sustainable mechanism of Quality Assurance to meet the dire challenge of transforming the Provincial status into a knowledge economy.

Mission

Our mission is to strive for means and ways to improve the quality of education at the university and bring it to par with the level of top-class universities of the world.

Institutional Performance Evaluation IPE in BUIITEMS

Continuous improvement in the quality of education is the goal of BUITMS. Following the footsteps of the Higher Education Commission (HEC) for achieving excellence in academia and research, the university is striving hard to meet international standards. HEC has taken a significant initiative of performance-based Institutional recognition to evaluate the institution's performance. Furthermore, the primary step of outlining the Performance Evaluation Standards for the Universities has been initiated. They focused on eleven well-defined standards.

Standard 1:	Mission Statement and Goals	Standard 7:	Institutional Resources
Standard 2:	Planning and Evaluation	Standard 8:	Academic Programs and Curricula
Standard 3:	Organization and Governance	Standard 9:	Public Disclosure & Transparency
Standard 4:	Integrity	Standard 10:	Assessment & Quality Assurance
Standard 5:	Faculty	Standard 11:	Student Support Services
Standard 6:	Students		

The Directorate of Quality Enhancement and Accreditation has conducted the Self-Institutional Performance Review for the year 2021 based on the standards mentioned above. This exercise is performed taking into account the three parameters comprising:

- (i) Review of the University Portfolio Report UPR and annexed information/data
- (ii) Interactions with the administration, faculty, and students
- (iii) Visit the facilities

The Directorate of Quality Enhancement and Accreditation assigns the internal and external members from BUIITEMS to Review Panel. The panel members assume the evaluating role, bringing the latest relevant experience in higher education and teaching, professional practices, and their relevance to national goals. The action plan for further improvement is the final step of this process.

Self-Assessment Process of academic programs at BUIITEMS

The Directorate of Quality Enhancement & Accreditation (QE&A), Balochistan University of Information Technology, Engineering & Management Sciences (BUIITEMS) has conducted the Self Assessment (SA) process under the supervision of Director Quality, Syed Dara Shikoh Amir on all the campuses (Takatu, City, Zhob) comprising 64 departments. The process was started on August 13, 2020, and the assessment team made the first visit on December 8, 2020. The (SA) cycle consisted of visits, findings, recommendations, implementation plan, and follow-up. Self-Assessment (SA) is a systematic procedure introduced by HEC to gather, review, and use essential quantitative and qualitative data and information from multiple and diverse sources about educational programs, improve student learning and evaluate whether academic and learning standards are being met. The process is based on the following criterion:

Criterion 1:	Program mission, objectives, and outcome	Criterion 5:	Process control
Criterion 2:	Curriculum design and organization	Criterion 6:	Faculty
Criterion 3:	Laboratories and computing facilities	Criterion 7:	Institutional facilities
Criterion 4:	Student support and advising	Criterion 8:	Institutional support

Faculty of Management Sciences (FMS)

S.No	Academic Program	Department	Program Team Member
01	BSBA	Management Sciences	Ms. Reham Anjum, Mr. Zeeshan Khalid, Mr. Muhammad Asad
02	MBA (Banking & Finance) 3.5 Years		Dr. Tayyaba Akram, Mr. Matee Ullah
03	MBA (Evening) 2 Years		Mr. Aftab Alam, Mr. Mohammad Shujauddin
04	MBA (Evening)		Ms. Tayyaba Akram, Mr. Zia-ur-Rehman
05	MBA (Post BSBA) 1.5 Year		Mr. Aftab Alam, Mr. Mohammad Shujauddin
06	MS (Management Sciences)		Mr. Muhammad Ali
07	PhD (Management Sciences)		Dr. Nadeem-U-Zaman
08	BS (Economics)	Economics	Ms. Sahar Faiz, Ms. Sidra Nazir, Mr. Ikramullah
09	MS (Economics)		Dr. Usman Azhar, Ms. Naureen Kasi
10	BS (Public Administration)	Public Administration	Rehan Ahmed Khan

After completing the process, an executive summary was submitted to the Vice-chancellor. The Vice-Chancellor constituted a program assessment team (AT) in consultation with the directorate of QE&A, which planned and scheduled the (AT) visits in coordination with the department offering the program. The (AT) members were selected from all the departments. Every department also formed a program team (PT) to facilitate the assessment team. Due to the prevailing pandemic situation, QE&A adopted both virtual and in-person modes to conduct the process. After (AT) visits, the remaining steps of the process were completed, including the implementation plan and feedback. The purpose of (SA) was to assess students' learning outcomes as a resource for the progress of the academic programs. The program team members of all the faculties are:

Faculty of Engineering & Architecture

S.No	Academic Program	Department	Program Team Member
01	BS (Civil Engineering)	Civil Engineering	Dr. Saeed Ullah Jan
02	MS (Civil Engineering)		Engr. Arian Khan
03	BS (Chemical Engineering)	Chemical Engineering	Dr. Mohammad Amin, Dr. Abdul Qadeer
04	MS (Chemical Engineering)		Dr. Mohammad Amin, Dr. Abdul Qadeer
05	BS (Mining Engineering)	Mining Engineering	Prof. Dr. Khan Gul Jadoon , Dr. Faheem Ahmed, Engr. Sami Kakar
06	MS (Mining Engineering)		Prof. Dr. Khan Gul Jadoon , Dr. Faheem Ahmed, Engr. Sami Kakar
07	BS (Fashion & Textile Design)	Textile Engineering	Dr. Abdul Malik Rehan Abbasi, Engr. Syed Qutaba Bin Tariq
08	BS (Textile Engineering)		Dr. Abdul Malik Rehan Abbasi, Engr. Syed Qutaba Bin Tariq
09	MS (Textile Engineering)		Dr. Abdul Malik Rehan Abbasi, Dr. Zameer-UI- Hassan, Dr. M. Sarwar Rana
10	BS (Geological Engineering)	Geological Engineering	Dr. Zafar Baloch, Engr. Imad Ali
11	BS (P&G Engineering)	P & G Engineering	Dr. Nasir Khan, Engr. Mohammad Ali Zeeshan
12	BS (Mechanical Engineering)	Mechanical Engineering	Mr. Arshad Ali, Dr. Asad Ullah
13	MS. (Environmental Management Policy)	Environmental Management Policy	Dr. Faiza Akhtar
14	MS. (Environmental Management Policy)	Environmental Management Policy	Dr. Gofra Malghani
15	Bachelor of Architecture	Architecture	Arch. Jalal Faisal Khan, Arch. Palwasha, Arch. Adeel Zahoor

Faculty of Information & Communication Technology

S.No	Academic Program	Department	Program Team Member
01	BS (Computer Science)	Computer Science	Bushra Haq, M. Bilal Khan, Yahya jan, M. Bilal Khan
02	MS (Computer Science)		Amir Shahzad Khokar, M. Luqman Khan, Mir Ahmed Sheikh, Arbab Sufyan
03	Ph.D. (Computer Science)		Mr. Anthasham Sajid, Miss Sadaf Riaz, Miss Attiya Shoaib, Mr. Siraj Ul Munir
04	BS (Computer Engineering)	Computer Engineering	Engr. Arslan-ul-Haq, Engr. Syed Umair Shah, Engr. M. Riaz
05	MS (Computer Engineering)		Engr.Umair Shah, Engr.Arsalan-ul-haq, Engr. Muhammad Riaz
06	BS (Electrical Engineering)	Electrical Engineering	Dr. Muhammad Mehdi, Engr. Ifrah Waheed, Engr. Hamayun Khan
07	MS (Electrical Engineering)		Dr. Imran Qurashi, Engr. Qalsoom Baloch, Engr. M. Zia Javed
08	BS (Electronic Engineering)	Electronic Engineering	Engr. Owais Athar, Engr. Syed Asad Ullah, Mr. Muhammad Umar
09	MS (Electronic Engineering)		Engr. Dr. Yousuf Khan Naudhani, Engr. Dr. Talha Mir, Engr. Hamid Karim, Engr. Muhammad Arif
10	BS (Software Engineering)	Software Engineering	Mr. Shah Rukh Riaz, Mr. Zubair Zaland, Ms. Faiza Razzaq
11	BS (Telecom Engineering)	Telecom Engineering	Dr. Hamayoun Shawani, Engr. Ali Israr
12	BS (Information Technology)	Information Technology	Dr. Raja Asif Wagan, Irfan Ahmed Magsi, SM. Junaid Hassan, Ms. Ayesha Iftikhar
13	MS (Information Technology)	Information Technology	Dr. Raja Asif Wagan, Irfan Ahmed Magsi, SM. Junaid Hassan, Ms. Ayesha Iftikhar

Faculty of Arts and Basic Sciences (FA&BS)

S.No	Academic Program	Department	Program Team Member
01	BS (Mathematics)	Mathematics	Mr. Mudasir Iqbal, MS. Farah Naz
02	MS (Mathematics)		Mr. Mudasir Iqbal, MS. Farah Naz
03	BS (Mass Communication)	Mass Communication	Mr. Homer Jan, Mr. Iftikhar Ahmed
04	Bachelor of Fine Arts	Fine Arts	Mr. Mehraj Muhammad, Ms. Aysha Sajid
05	BS (International Relations)	International Relations	Mr. Hammal Aslam, Mr. Muhammad Idrees
06	MS (International Relations)		Mr. Hammal Aslam, Mr. Muhammad Idrees
07	BS (English Language & Literature)	English	Ms. Maria Khosa, Ms. Aqsa Maryam
08	MS (English)		Ms. Sehrish Naudhani, Ms. Maria Khosa
09	BS (Chemistry)	Chemistry	Dr. Muhammad Nawaz, Dr. Hamid Ullah
10	MS (Chemistry)		Dr. Muhammad Nawaz, Dr. Hamid Ullah
11	BS (Physics)	Physics	Furhaj Ahmed Sheikh, Abdul Qayyum, Dr. M. Naeem Khan
12	MS (Physics)		Dr. Farooq Khan, Dr. Muhammad Naeem Khan
13	Ph.D. (Physics)		Dr. M. Muhammad Naeem Khan
14	BS (Education)	Education	Ms. Khadija Jaffar, Ms. Seema Azam, Palwasha Tareen
15	BS (Sociology)	Sociology	Dr. Bashir Kakar, Mehreen Faiza
16	BS (Psychology)	Psychology	Ms. Ghina Saleem, Ms. Anqa Gharsheen

Faculty of Life Sciences (FLS&I)

S.No	Academic Program	Department	Program Team Member
01	BS (Microbiology)	Microbiology	Dr. Jeneen Panezia, Ms. Samia Parveen, Syed Inayatullah Agha, Kamilla Shah
02	MS (Microbiology)		Dr. Jeneen Panezia, Ms. Samia Parveen, Syed Inayatullah Agha, Kamilla Shah
03	BS (Biotechnology)	Biotechnology	Dr. Shahjahan Shabbir Ahmed, Imran Ali Sani, Mehboob Ahmed
04	MS (Biotechnology)		Dr. Shahjahan Shabbir Ahmed, Dr. Nusat Jahan, Dr. Rozeena Shaikh, Mehboob Ahmed
05	Ph.D. (Biotechnology)		Dr. Shahjahan Shabbir Ahmed, Dr. Abrar Hussain, Mr. Mehboob Ahmed
06	BS (Environmental Sciences)	Environmental Sciences	Dr. Malik Muhammad Akhtar, Dr. Muhammad Saeed, Dr. Javaid Hussain, Mr. Tamoor Shah Durrani

S.No	Academic Program	Department	Program Team Notified
01	BS (Computer Science)	Computer Science	Haroon Khan
02	BS (Management Sciences)	Management Sciences	Mr. Ameer Muhammad Kasi, Ms. Humaira Aziz
03	BS (Economics)	Economics	Mr. Israr Ahmed, Mr. Asim Khan
04	BS (Education)	Education	Fida ur Rehman

The assessment team members are:

Faculty of Management Sciences (FMS)

S.No	Academic Program	Department	Assessment Team Actual
01	BSBA	Management Sciences	Dr. Bushra Naeem, Dr. Nadeem-U-Zaman, Dr. Tayyaba Akram
02	MBA (Banking & Finance) 3.5 Years		Dr. Bushra Naeem, Dr. Nadeem-Uz-Zaman, Mr. Zeeshan Khalid
03	MBA (Evening) 2 Years		Dr. Bushra Naeem, Dr. Nadeem-Uz-Zaman, Dr. Tayyaba Akram
04	MBA (Evening)		Dr. Bushra Naeem, Dr. Nadeem-Uz-Zaman, Dr. Tayyaba Akram
05	MBA (Post BSBA) 1.5 Year		Dr. Bushra Naeem, Dr. Nadeem-U-Zaman, Dr. Tayyaba Akram
06	MS (Management Sciences)		Dr. Muhammad Nadeem, Dr. Nadeem-U-Zaman, Dr. Rozeena Sheikh
07	PhD (Management Sciences)		Dr. Rozeena Sheikh, Dr. Nadeem-U-Zaman
08	BS (Economics)	Economics	Dr. Rozeena Sheikh, Ms. Naureen Kasi
09	MS (Economics)		Dr. Rozeena Sheikh, Ms. Sahar Faiz
10	BS (Public Administration)	Public Administration	Dr. Rozeena Sheikh, Dr. Nadeem-Uz-Zaman



Faculty of Engineering & Architecture

S.No	Academic Program	Department	Assessment Team Actual
01	BS (Civil Engineering)	Civil Engineering	Mr. Muhammad Ayub Tareen, Engr. Arian Khan
02	MS (Civil Engineering)		Mr. Muhammad Ayub Tareen, Dr. Muhammad Habib
03	BS (Chemical Engineering)	Chemical Engineering	Dr. Raja Asif Wagan, Dr. Faheem Ahmed
04	MS (Chemical Engineering)		Dr. Raja Asif Wagan, Dr. Faheem Ahmed
05	BS (Mining Engineering)	Mining Engineering	Dr. Talha Mir, Dr. Faisal Mushtaq
06	MS (Mining Engineering)		Dr. Talha Mir, Dr. Faisal Mushtaq
07	BS (Fashion & Textile Design)	Textile Engineering	Dr. Talha Mir
08	BS (Textile Engineering)		Dr. Talha Mir
09	MS (Textile Engineering)		Dr. Talha Mir
10	BS (Geological Engineering)	Geological Engineering	Dr. Muhammad Akram, Dr. Abdul Qadeer
11	BS (P&G Engineering)	P & G Engineering	Dr. Shah Jahan Shabbir Ahmed, Dr. Abdul Qadeer
12	BS (Mechanical Engineering)	Mechanical Engineering	Mr. Muhammad Ayub Tareen
13	MS. (Environmental Management Policy)	Environmental Management Policy	Dr. Nusrat Jahan
14	MS. (Environmental Management Policy)	Environmental Management Policy	Dr. Nusrat Jahan
15	Bachelor of Architecture	Architecture	Dr. Mohammad Amin

Faculty of Information & Communication Technology

S.No	Academic Program	Department	Assessment Team Actual
01	BS (Computer Science)	Computer Science	Dr. Zafar Baloch, Dr. Imran Qurashi, Muhammad Riaz
02	MS (Computer Science)		Muhammad Riaz, Dr. Zafar Baloch, Dr. Imran Qurashi
03	Ph.D. (Computer Science)		Dr. Zafar Baloch, Dr. Imran Qurashi, Muhammad Riaz
04	BS (Computer Engineering)	Computer Engineering	Dr. Zafar Baloch
05	MS (Computer Engineering)		Dr. Zafar Baloch
06	BS (Electrical Engineering)	Electrical Engineering	Dr. Zafar Baloch
07	MS (Electrical Engineering)		Dr. Zafar Baloch
08	Ph.D. (Electrical Engineering)		Dr. Faisal Mushtaq, Dr. Imran Qurashi, Engr. M. Zia Javed
09	BS (Electronic Engineering)	Electronic Engineering	Dr. Faisal Mushtaq, Dr. Talha Mir
10	MS (Electronic Engineering)		Dr. Faisal Mushtaq, Dr. Talha Mir
11	BS (Software Engineering)	Software Engineering	Mr. Muhammad Ashraf, Dr. Muhammad Amin
12	BS (Telecom Engineering)	Telecom Engineering	Dr. Rehan Abbasi
13	MS (Telecom Engineering)		Dr. Rehan Abbasi, Dr. Mumraiz Khan Kasi, Ms. Ayesha Iftkhar
14	BS (Information Technology)	Information Technology	Dr. Rehan Abbasi
15	MS (Information Technology)	Information Technology	

Faculty of Arts and Basic Sciences (FA&BS)

S.No	Academic Program	Department	Program Team Actual
01	BS (Mathematics)	Mathematics	Dr. Rozeena Shaikh
02	MS (Mathematics)		Dr. Rozeena Shaikh
03	BS (Mass Communication)	Mass Communication	Dr. Shahjahan Shabbir Ahmed, Ms. Aqsa Maryam, Ms. Aysa Sajid
04	Bachelor of Fine Arts	Fine Arts	Dr. Shahjahan Shabbir Ahmed, Ms. Aqsa Maryam, Mr. Homer Jan
05	BS (International Relations)	International Relations	Dr. Shahjahan Shabbir Ahmed, Ms. Aqsa Maryam, Ms. Aysa Sajid
06	MS (International Relations)		Dr. Shahjahan Shabbir Ahmed, Ms. Aqsa Maryam, Ms. Aysa Sajid
07	BS (English Language & Literature)	English	Dr. Najam Khan Malghani, Dr. Rozeena Shaikh, Sehrish Naudhani
08	MS (English)		Dr. Najam Khan Malghani, Dr. Rozeena Shaikh, Sehrish Naudhani
09	BS (Chemistry)	Chemistry	Dr. Najam Khan Malghani, Dr. Nusat Jahan, Dr. Fouzia Abdul Sattar
10	MS (Chemistry)		Dr. Najam Khan Malghani, Dr. Nusat Jahan, Dr. Gulfam Nasar
11	BS (Physics)	Physics	Dr. Rozeena Shaikh, Dr. M. Khalid, Dr. Fayaz Ahmed Audhal
12	MS (Physics)		Dr. Rozeena Shaikh, Dr. M. Khalid, Dr. Fayaz Ahmed Audhal
13	Ph.D. (Physics)		Dr. Rozeena Shaikh, Dr. M. Khalid, Dr. Fayaz Ahmed Audhal
14	BS (Education)	Education	Dr. Najam Khan Malghani, Dr. Asma Yousaf Zai
15	BS (Sociology)	Sociology	Dr. Asma Yousaf Zai
16	BS (Psychology)	Psychology	Dr. Asma Yousaf Zai

Faculty of Life Sciences (FLS&I)

S.No	Academic Program	Department	Program Team Member
01	BS (Microbiology)	Microbiology	Dr. Syed Zameer UI Hassan
02	MS (Microbiology)		Dr. Syed Zameer UI Hassan
03	BS (Biotechnology)	Biotechnology	Dr. Syed Zameer UI Hassan
04	MS (Biotechnology)		Dr. Syed Zameer UI Hassan
05	Ph.D. (Biotechnology)		Dr. Syed Zameer UI Hassan
06	BS (Environmental Sciences)	Environmental Sciences	Dr. Aziz Ahmed, Dr. Nusat Jahan

S.No	Academic Program	Department	Program Team Actual
01	BS (Computer Science)	Computer Science	Dr. Raja Asif Wagan
02	BS (Management Sciences)	Management Sciences	Dr. Najam Khan Malghani, Dr. Aziz Ahmed
03	BS (Economics)	Economics	Dr. Najam Khan Malghani, Dr. Aziz Ahmed
04	BS (Education)	Education	Dr. Rozeena Shaikh

MS/Ph.D. Review

The Directorate of Quality Enhancement & Accreditation (QE&A), BUIITEMS, has organized a review of “MS/Ph.D. Programs” for the year 2020. The following study Ph.D. and MS programs were reviewed:

S. No.	Program of Study
01	MS (Management Science)
02	Ph.D. (Management Science)
03	MS (Economics)
04	Ph.D. (Environmental Management and Policy)
05	MS (Environmental Management and Policy)
06	MS (Textile Engineering)
07	MS (Civil Engineering)
08	MS (Mining Engineering)
09	MS (Chemical Engineering)
10	MS (Environmental Science)
11	MS (Microbiology)
12	MS (Biotechnology)
13	Ph.D. (Biotechnology)

S. No.	Program of Study
14	MS (Information Technology)
15	MS (Computer Engineering)
16	MS (Electrical Engineering)
17	MS (Electronic Engineering)
18	MS (Telecom Engineering)
19	MS (Computer Science)
20	Ph.D. (Computer Science)
21	MS (International Relations)
22	MS (Mathematics)
23	MS (Physics)
24	MS (Chemistry)
25	MS (English)

The primary purpose of this review is to monitor and assess the programs mentioned above according to the prescribed criteria and guidelines of the Higher Education Commission (HEC).

Feedback

The Directorate of Quality Enhancement and Accreditation of BUIITEMS has the proper mechanism to ensure the feedback from different perspectives.

1	Student's Course Evaluation Questionnaire (To be filled by each Student at the time of Course Completion)	It is used to identify the shortcomings of the course/ curriculum and address them during the development or up-gradation of the course outline according to the student's perspective. It is achieved by well-balanced content and evaluation techniques.
2	Faculty Course Review Report (To be filled by each teacher at the time of course completion)	It highlights the problems teachers are facing to give their best input.
3	Survey of Graduating Students (To be filled out by graduating students in the last semester/year before awarding of degree)	It is pinpointing the gaps in the overall program, and by fulfilling the requirements program's effectiveness can be improved. The program must demonstrate the objectives of knowledge, skills, behavioral traits, etc.
4	Research Student Progress Review Form (To be filled out by Master/MS/Ph.D. Research students on a six-monthly basis)	It is used to improve the research dimensions, scopes, and enhancements.
5	Faculty Survey (To be submitted on an annual basis by each faculty member)	It covers all the aspects of faculty issues/problems to be addressed for all the faculty members' satisfaction and performance enhancement.
6	Survey of Department offering Ph.D. Programs (To be filled by each Department's personnel)	It elaborates all the aspects of Departmental issues/problems to be addressed for all the departments' satisfaction and performance enhancement.
7	Alumni Survey (To be filled by alumni)	It is for the improvement of the academic program.
8	Employer Survey (To be filled by the employer)	It is used to fill gaps between institutional program goals and employers' requirements.
9	Teacher Evaluation Form (To be filled by the student)	It is for the improvement of the teachers. It also helps in competencies, commitment, and attitudes.

The primary purpose of these responses is to collect information, analyze and interpret it regarding the quality of education BUIITEMS is providing. Identify the factors which need to be checked and balanced out for the development of the Programs/courses. This is a continuous process of improvement and enhancement to achieve a higher position in the list of universities worldwide.

Trainings & Conferences

<p>Title of Webinar: Organization: Date:</p>	<p>CHEA Webinar: Institutional Liability, Clinical Programs & Quality” CHEA International Quality Group 20th October-2020</p>
<p>Title of Webinar: Organization: Date:</p>	<p>Universities for the public good: reasserting the value of higher education post-pandemic THE's Young Universities Summit 7th July-2020</p>
<p>Title of Webinar: Organization: Date:</p>	<p>Online Teaching & Learning in Higher Education; Trends, Innovation, Issues, Challenges, and Coping Strategies Digital Transformation in Higher Education 2nd July-2020</p>
<p>Title of Webinar: Organization: Date:</p>	<p>Remote: The Connected Faculty Summit Arizona State University 13th-14th July-2020</p>
<p>Title of Webinar: Organization: Date:</p>	<p>The future of value-based higher education & quality assurance- the future of academic freedom CHEA/CIQG 17th June-2020</p>
<p>Title of Webinar: Organization: Date:</p>	<p>The future of higher education: short, medium & long-term perspectives around the world International Association of Universities/CIHE 5th-May-2020</p>
<p>Title of Webinar: Organization: Date:</p>	<p>The future of higher education: short, medium & long-term perspectives in mid-and low-income countries International Association of Universities/CIHE 12th May-2020</p>
<p>Title of Webinar: Organization: Date:</p>	<p>The future of internationalization of Higher Education: Short, medium, and long-term perspectives International Association of Universities/CIHE 19th May-2020</p>

Title of Webinar:	The future of higher education: Covid-19 impact on higher education around the world
Organization:	International Association of Universities/CIHE
Date:	9th June-2020
Title of Webinar:	The future of higher education: short, medium & long-term perspectives around the world
Organization:	International Association of Universities/CIHE
Date:	5th-May-2020
Title of Webinar:	1st IAU Global Survey on the impact of Covid-19 on Higher Education
Organization:	International Association of Universities
Date:	9th June-2020
Title of Webinar:	Assuring Quality in Higher Education in a Time of Crisis
Organization:	CHEA/CIQG
Date:	6th May-2020
Title of Webinar:	Cultivating resilience, changing the world
Organization:	THE's Young Universities Summit
Date:	20th-22nd April-2020
Title of Webinar:	Innovation & Impact Virtual Mini Summit and Live Rankings Launch
Organization:	THE's Young Universities Summit
Date:	22nd April-2020

Global Linkages



Accreditation

Accreditation at BUITEMS is an organized process based on well-established principles. The primary purpose of this is to improve academic quality and public accountability. This ongoing process typically occurs every year.

Accreditation is not limited to

- Verifying that an institution or program has met established standards
- Assisting prospective students in identifying acceptable institutions
- Protecting an institution against harmful internal and external pressures
- Creating goals for self-improvement of weaker programs and stimulating a general raising of standards
- Involving the faculty and staff systematically in situational evaluation and planning
- Establishing criteria for professional certification

Accreditation at BUITEMS

- | | |
|--------------------------|--------------------------|
| ➤ Civil Engineering | ➤ Textile Engineering |
| ➤ Geological Engineering | ➤ Computer Engineering |
| ➤ Chemical Engineering | ➤ Electrical Engineering |
| ➤ P&G Engineering | ➤ Electronic Engineering |
| ➤ Mining Engineering | ➤ Software Engineering |
| ➤ Mechanical Engineering | ➤ Telecom Engineering |



- Architecture program by the Pakistan Council of Architects and Town Planners (PCATP)



a) Bachelor of Architecture

- All our Computer Science and Information Technology programs by the National Computing Education Accreditation Council (NCEAC)



a) BS (Computer Science) b) BS (Information Technology)

- All our Management Sciences programs by the National Business Education Accreditation Council (NBEAC)



a) Bachelor of Business Administration
 b) Bachelor of Business Studies
 c) Master of Business Administration

- An education program by the National Accreditation Council for Teacher Education (NACTE)



a) BS (Education)

ISO 9001-2015

BUIITEMS is ISO 9001-2015 accredited by TUV AUSTRIA. In 2019 BUIITEMS emphasizes on ISO 9001-2015 changed revised standards towards where we are now? Who we are? What do we do? And what do our stakeholders (students, their parents, their employers, and society at large) think about us?

ISO 9001-2015 has revised its accreditation with BUIITEMS this year. In BUIITEMS, the leaders and top management actively demonstrate that they care and are involved in quality, from developing policies to defining roles and responsibilities. With ISO, our plans demonstrate and give stakeholders confidence that our quality management system can deliver products and services that satisfy their requirements. Our system ensures that all changes must also be planned and carried out in a controlled manner.

This year we also developed implemented processes for successfully communicating with our stakeholders, providing them with information, and receiving feedback for continuous quality improvement.

We believe that ISO 9001-2015 is the catalyst for driving more leaders and making spectacular gains at BUIITEMS.

Our Contribution To Sustainable Development Goals (SDGs)

The Directorate of Quality Enhancement and Accreditation (QE&A) always promotes the efforts of faculty and students and provides them a platform to project their ideas. QE&A, in collaboration with the Department of Economics, has organized a series of awareness sessions regarding Sustainable Development Goals (SDGs) in September and October 2021. These sessions facilitated the faculty and students of BUIITEMS and the other institutes of Balochistan, including the Women Technical Training Centre and Sardar Bahadur Khan Women University.



In a global partnership, the Sustainable Development Goals (SDGs) adopted by all United Nations Member States in 2015 are an urgent call for action by all countries - developed and developing. These 17 SDGs are priorities and aspirations to guide all countries in tackling the world's most pressing challenges. Mr. Erwin Policar, Head of the sub-office UNHCR Quetta, attended one of the sessions. He highly appreciated the students' efforts, confidence, and vision to have a clear idea of what they want the World to be in the Future.

The purpose of these sessions was to develop awareness and a basic level of understanding regarding SDGs among the faculty and students of Balochistan.

We believe that ISO 9001-2015 is the catalyst for driving more leaders and making spectacular gains at BUIITEMS.

Youth & Sustainable Development Goals

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



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.

Quality Education: Lifelong Learning Opportunities for Youth through SDGs

Balochistan University of Information Technology Engineering and Management Science (BUIITEMS) 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 and common people's lives and emphasize goal 4, "Quality Education."

The resource person of the event was Ms. Eram Shafi, Assistant Professor Department of Economics, who initiated 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 ended with a thanking note from the Deputy Director QE&A.

Directorate of Sports

All Pakistan HEC 43rd Intervarsity Football Qualifying Round

BUIITEMS Football Team participated in the All Pakistan 43rd HEC Intervarsity Men Football Tournament Qualifying Zone I Championship, conducted at BUETK, Khuzdar, on March 05, 2021.



The tournament was played on the league point System. BUIITEMS lost his first match against University of Turbat by 2-0, & won his 2nd match against BUETK Khuzdar by 3-2,

BUIITEMS lost his 3rd match against LUWAMS Uthal, by 4-0. The team, however, could not qualify for the Final Round.



69th Mr. Pakistan & Mr. Balochistan Best Model Physique Championship 2021



BUIITEMS promising student Syed Bilal of BS (English) participated in the event all Pakistan Mr. Senior & Junior Best Model Physique championship held on March 08, 2021, in Lahore, obtaining the second position in the Mr. Pakistan Junior Category. He, however, acquired the first position in all Pakistan 69th Mr. Pakistan & Mr. Balochistan Classic Physique Championship 2021, held on March 27-28, 2021, at Quetta.

A Meeting on Joint ventures of POA & HEC for Sports & Educational programs at Lahore

A meeting was conducted with Lt. Gen (R) Syed Arif Hasan HI (M), President of Pakistan Olympic Association, on March 12, 2021, at Pakistan Olympic House Lahore, Mr.



Masood Ahmed Kasi, Technical Committee Member of HEC Balochistan, attended the meeting. The meeting aimed at discussing various matters, including "Joint ventures of POA and HEC for Sports and Educational programs."



Chief Minister Gold Cup Football Tournament



BUIITEMS hosted the first round of Chief Minister Gold Cup Football tournament matches on its premises organized by the Directorate of Sports, Government of Balochistan, where two matches were played per day from September 07, 2021. Events like this help society overcome the fallouts of Covid - 19 and in growing our youth stronger and smarter.

Balochistan 1st Class Cricket Camp at BUIITEMS

The BUIITEMS Cricket Academy and the Sports Complex are states of the art academy and facilitation centers. On the

Pakistan Cricket Board (PCB) Quetta Region request, BUIITEMS Cricket Academy facilitated the Balochistan Cricket team from September 12-23, 2021 IInd XI's 34 Players (including International and domestic players) headed by Coach Mr. Faisal Iqbal

(Former Pakistan Test Player), Mr. Junaid Khan, Imran Butt, and Umaid Asif, and others. These players utilized BUIITEMS cricket academy and gym facilities.



Body Building Championship



BUIITEMS' student has once again shined at the 'Mr. Quetta contest organized by Balochistan Bodybuilding Association on September 24, 2021. Mr. Ahsan Khalid, a star of the Computer Science Department, has clinched the gold medal for being 'Mr. Quetta' in Bodybuilding Championship.



Celebration of BUIITEMS 19th Anniversary

To commemorate BUIITEMS' 19th anniversary, the Directorate of Sports organized Table Tennis and Badminton Tournament.

The opening ceremony was held on October 6, 2021 at BUIITEMS Sports Complex, and 20 female students participated in the competition. The final match was played on October 7, 2021 between Ms. Sajida of BS-BA & Ms. Zakia of BS-PA vs. Zohra of BS-IR & Noor UI 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 was also played on October 7, 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 September 29, 2021, the opening ceremony of the Badminton Tournament was held at BUIITEMS Sports Complex, in which 11 students took part. The final match of the tournament was played on October 1, 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.

4th Inter-Departmental Football League Championship, 7th Inter-Departmental Scrabble & 16th Inter-Departmental Chess Tournaments

Scrabble : The opening ceremony was held on November 15, 2021 at BUIITEMS Sports Complex, a total of 32 Female and 30 male students took part in the competition, Final Match of the



tournament was played on November 17 and 18,2021 between Ms Sajida of BS (BA) & Ms Tayyaba of BS (Phy) that was won by Ms



Tayyaba and Mr. Abdullah of BS ENV won the tournament in male category by beating Mr Abdullah of BS (Env) respectively.

Chess (Female): A total of 24 BUIITEMS Female students took part in the competition, Final Match of the tournament was played on November 18, 2021 between Ms Najiba of BS (CS) and Ms Tayyaba of BS (Phy), Ms Tayyaba won the tournament by 02-01.

Chess (Male): A total of 32 BUIITEMS male students took part in the competition, Final Match of the tournament was played on November 17, 2021 between Mr. Jam Shair of BS (Phy) & Mr. Muhammad Hadi of BS(Mech), which Mr. Muhammad Hadi won by 02-0.



4th Inter-Faculty Football Tournament

The following 08 Faculties from BUIITEMS took part in the competition.

1. Faculty of Social Sciences & Humanities
2. Faculty of Information & Communication Technology
3. Faculty of Engineering & ARCH
4. UCoZ, Zhob Campus
5. Faculty of Management Sciences
6. Faculty of Life Sciences & Informatics
7. Faculty of Basics Sciences
8. Economics Department



The tournament's final match was played between FICT & Faculty FSS&H both teams played well, at the end match was draw, and FICT won the tournament by plenty kicks. Pro Vice Chancellor BUIITEMS, Dr. Faisal Ahmed Kakar & Registrar BUIITEMS, Mr. Jamal Mustafa, graced the prize distribution ceremony; they distributed prizes/Medals. Certificates to the winning & Runners up Teams. The best goalkeeper of the tournament was Mr Munawar of FSS&H, the tournament's best player, was Mr. Asmat Ullah of FICT & the best Scorer of the tournament was Mr. Shahzaib of (FSS&H)

All Pakistan HEC Inter-Varsity Badminton (Women) Championship at GC University, Faisalabad

BUIITEMS Badminton Female Team participated in “HEC All Pakistan Intervarsity Badminton Tournament 2021-22” under Assistant Sports Officer, Ms Sadia Zameer along with 06 Female Students, which was held at Government Colleague, University Faisalabad. Overall, 32 universities participated in the competition, BUIITEMS played its first match against GC university Faisalabad & won the match by 02-01, & second match against Madina Women University Faisalabad and won the match by 03-02, However, BUIITEMS lost its Quarter Final match against University of Lahore by 02-0.



HEC Kamayab Jawan Sports Drive at Islamabad December 2021

HEC, along with the Prime Minister's Youth Program team under the leadership of the Special Assistant to the Prime Minister, has planned Kamyab Jawan Sports Gala from December 06-09, 2021 at Pakistan Sports Complex Islamabad.



The Honorable Prime Minister of Pakistan, Mr. Imran Khan, was the Chief Guest at the grand opening ceremony of the HEC Kamayab Jawan Sports Drive on December 06, 2021. A total of eight thousand Male-female students participated in the Program from all over Pakistan.

15 events were held at HEC Kamayab Jawan Sports Gala, BUIITEMS Sports 22 Male/Female Students Squad participated in the following Six Male/Female events.

- | | | | | | |
|----|------------------|----|-----------------|----|----------------------|
| 1- | Hand Ball (Male) | 2. | Squash (Men) | 3. | Judo (Men) |
| 4- | Boxing (Male) | 5. | Athletics (Men) | 6. | Tennis (Female Male) |

BUIITEMS students excelled in all sports, especially handball, boxing, tennis, and their skills.



Office of Research Innovation and Commercialization (ORIC)

Balochistan is a unique province with many social, economic, and geographic problems and opportunities. A collaborative effort among different scholarly fields is required to solve these unique problems and harness the benefits of available opportunities.

A relatively young university of 18 years, BUIITEMS has made significant advancements in its pursuit of excellence in research and quality education. The university has undertaken significant efforts to develop a research-oriented culture that reflects BUIITEMS values and commitment to generating knowledge in the face of challenges. Through this diligence in sustaining and refining a rich knowledge cultivating culture, the university remains at the forefront in the region.



BUIITEMS is home to researchers with a successful scholarly record who play an active role in contributing to its success in achieving substantial recognition. BUIITEMS faculty has helped secure research funds that have enabled them to demonstrate innovation in their respective fields.

The Office of Research, Innovation, and Commercialization (ORIC) at BUIITEMS is dedicated to utilizing the talent of a diverse and interdisciplinary group of scholars to strengthen the linkages between research, practice, and policy in the space where academia, industry, and government institutions intersect on issues related to society at large. Addressing issues like racial/ societal injustice, the rising cost of living, population growth, water scarcity, and climate change will involve rethinking existing ways of research. BUIITEMS ORIC helps foster a collaborative approach that promotes linkages between academia, and private and public sectors to solve society's most pressing problems.

At ORIC, our roles have helped establish a solid ground for the facilitation and recognition of research and innovation.

ORIC BUIITEMS

The Higher Education Institutions (HEIs) developed ORICs to make research a top priority for sustainable economic growth and future knowledge economy. For this purpose, a centre was established in universities to serve as a pivotal point, encompassing all the research activities - from the development of research proposals to the commercialization of research products - under a single umbrella. ORIC BUIITEMS was established in 2011 under HEC policy.



The Office of Research, Innovation, and Commercialization (ORIC) at BUIITEMS is dedicated to utilizing the talent of a diverse and interdisciplinary group of scholars to strengthen the linkages between research, practice, and policy in the space where academia, industry, and government institutions intersect on issues related to society at large. Addressing issues like racial/ societal injustice, the rising cost of living, population growth, water scarcity, and climate change will involve rethinking existing ways of research. BUIITEMS ORIC helps foster a collaborative approach that promotes linkages between academia, private and public sectors to solve society's most pressing problems

Vision & Mission

We envision a collaborative research atmosphere that harnesses the ethical and practical use of research methodologies for societal impact and social innovation

Our mission is to promote research and its commercialization through linkages within faculties of BUITEMS, the industry, and Government Departments. By creating an enabling and collaborative space for scholars, students, and practitioners, BUITEMS ORIC informs policy and social innovation.

Our Role

BUITEMS ORIC helps identify research areas to be addressed, bearing in mind its novelty and societal impact. BUITEMS ORIC helps maximize such impact and plays a huge role in mobilizing knowledge from laboratory to product/ impact.

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What Makes BUITEMS a Comprehensive Research University?

- We engage our faculty and graduate students in synthesizing and applying globally–significant research and innovation, delivering impact, and making a difference to the community and society at a regional and national level.
- We strive to establish strategic corporate and international partnerships that will make our research impactful and global.
- We ensure high-quality research that can improve and elevate our national and international profile and ranking.
- We help create a research atmosphere to flourish young scholars of Balochistan and acquire scholarly strength.

Journey of ORIC



HELLO!



MEET THE TEAM



Dr. Anayat Ullah

Director, ORIC (anayat.ullah@buitms.edu.pk)

Dr. Anayat Ullah holds a Ph.D. in Engineering and an MS in Electrical Communication Engineering from Kassel, Germany. Dr. Anayat holds a Bachelor of Engineering Degree from NED University of Engineering and Technology, Karachi. He has served as the Chairman Electronic Engineering Department at BUIITEMS & also has vast experience in the Telecom Industry and has been associated with Pakistan Telecom Company Limited and Motorola Pakistan. His lab under the National Center of Robotics and Automation is focused on Evolutionary and Learning based Robotics.

Dr. Jeneen Panezai

Additional Director (jeneen.panezai@buitms.edu.pk)

Dr. Jeneen holds a Ph.D. in Medical Science from Sweden and a Post-Doc from Harvard. She is also a practicing dental surgeon with thirteen years of clinical experience. Her current research studies systemic biomarkers associated with inflammation, diabetes, cardiovascular, and chronic kidney diseases in periodontal disease patients. She is also leading a project in environmental medicine which involves human biomonitoring in the general population of Quetta.



Engr. Syed Usman

Deputy Director University-Industry Linkages & Technology Transfer (syed.usman@buitms.edu.pk)

Syed Usman has more than 20 years of Industrial and Academic experience. He has served as the Chair of the Telecom Engineering Department at BUIITEMS and has been associated with the Telecom Sector for more than ten years. He has also been in the Broadcasting sector for more than two years. Syed Usman holds a Bachelor of Electrical Engineering Degree from Mirpur University of Science and Technology, a Master's in IT from COMSATS, Islamabad, and an MBA in Marketing from Allama Iqbal Open University. His research areas include Teletraffic, Wireless & Next Generation Networks.

Dr. Muhammad Asif

Deputy Director – Research Operations & Development, ORIC (asif@buitms.edu.pk)

Dr. Muhammad Asif did his MS in Biotechnology & Informatics in 2009 and Ph.D. in Biotechnology from BUIITEMS. His Ph.D. research is focused on the Molecular and Cytogenetics studies on Chronic Myeloid Leukemia Patients. His research interest areas are Clinical Biochemistry, Cancer human Genetics, molecular medicine, and Blood cancer diseases. He published more than 80 research articles with an impact factor above 200. He has been an integral part of ORIC since 2011.



Syed Allah Dad Shah

Deputy Director TISC, ORIC (s.shah@buitms.edu.pk)

Mr. Shah has done his MS (Master of Science) in Environmental Management & Policy & Master of Business Administration with a specialization in Finance. Mr. Shah has the vast organizational experience and has worked in organizations like UNICEF, the Federal Bureau of Statistics, IDSP, Islamic Relief Nutrition, and National Database and Registration Authority. He has been part of BUIITEMS since 2007.



Ms. Sahar Munir

Assistant Director, ORIC (sahar.munir@buitms.edu.pk)

Ms. Sahar's research area is on Foodborne illnesses and their prevalence. Currently, she is pursuing her MS in Microbiology. Her tasks cover file management, reporting, and facilitating.



Mr. Muhammad Ashraf
Assistant Director, ORIC



Naqeebullah Kasi
Assistant Director, ORIC

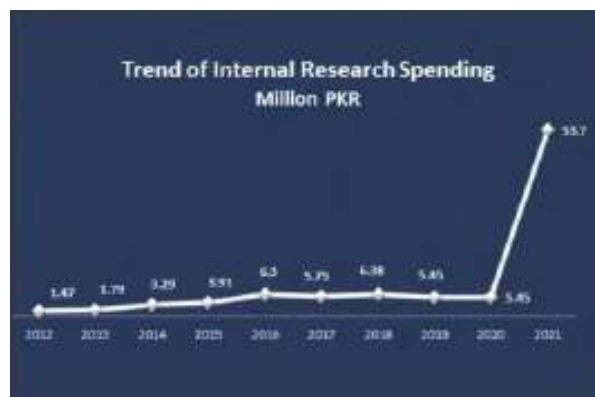


Naeem Ahmed
Senior Clerk



Research at a Glance

BUIITEMS envisions a collaborative research atmosphere that harnesses research methodologies' ethical and practical use for societal impact and social innovation. Research incentives and University funded projects were introduced in 2012 to promote research and innovation. BUIITEMS ORIC helps identify research areas to be addressed, bearing in mind its novelty and societal impact.



Events and Research Journals

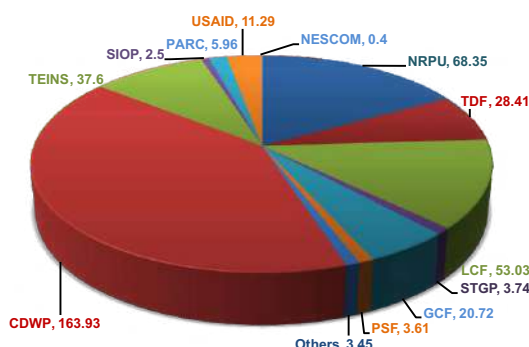
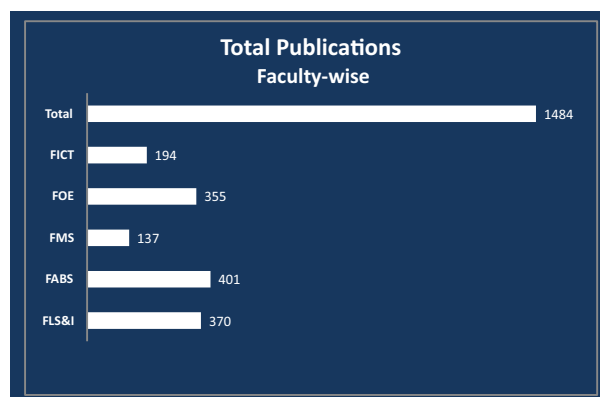
Since 2013 several conferences and training workshops have been conducted to engage our faculty and graduate students in synthesizing and applying globally–significant research and innovation, delivering impact and making a difference to the community and society at a regional and national level.

Research Policy, TISC, and Patents

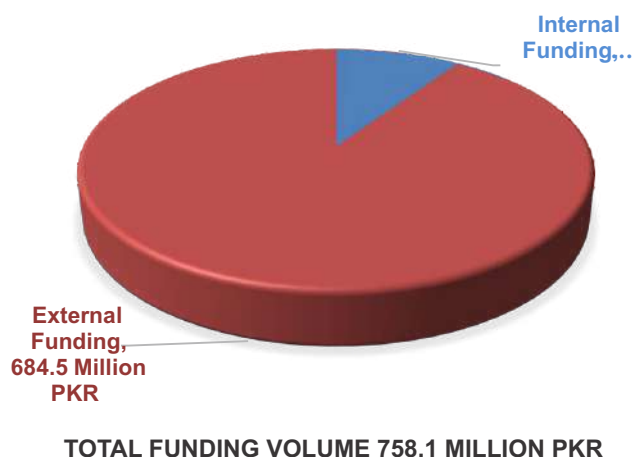
With the Research Policy coming to completion in 2018 and then establishing Technology and Innovation Support Centre and ORIC Steering Committee in 2019, ORIC BUIITEMS has never laid an eye back and has been continuously striving forward. The primary purpose of TISC is to support access to patent database systems and science and technology, build technical skills for future TISC staff via training and distance learning courses, and facilitate an exchange of experiences within national networks of TISCs, or between different networks. Faculty members now can avail the perks of research at TISC ORIC using systems and printers solely for research and intellectual property. Nine patents have been registered at International Patent Organization Pakistan, making BUIITEMS the powerhouse of growth and innovation.

Research Projects and Publications

With over more than 1000 Paper Publications, 130 Paper Presentations, 20 Book Publications, 25 million ORIC Funded Research Projects, 162 million National and International Funded Research Projects, 108 Publications from these projects, ORIC BUIITEMS helps to create a research atmosphere to flourish young scholars of Balochistan and acquire scholarly strength.



Over the past decade, BUIITEMS has experienced a steep trajectory for research income growth. At the same time, BUIITEMS has continued to see advancement in a wide range of other funding sources, including sectors such as government agencies, non-government organizations, and industrial support.



National funded Projects in 2021

- Comparative removal of some selected dyes under dark and light assisted irradiation by recyclable porous Fe₀ and Ag – TiO₂-OTFFAU, CP, and H-ZSM zeolite composites.
Prof. Dr. Hameeda Panezai, Department of Chemistry, FBS
Rs. 9.934 Million
 Sponsoring Agency: **NRPU (HEC)**
- Prevalence Analysis and Molecular Diagnosis of newly emerging, multi drug resistant, Human pathogenic yeast, Candida Auris, in the population of Quetta.
Prof. Dr. Muhammad Mushtaq, Department of Biotechnology, FLSI
Rs. 9.482 Million
 Sponsoring Agency: **NRPU (HEC)**
- Bio-Surveillance and GIS mapping Balochistan Bases
Dr. Faiz Muhamamd, Assistant Professor, Department of Microbiology, FLSI
Rs. 0.4 Million
 Sponsoring Agency: **NESCOM**

BUIITEMS ORIC Large Scale Competitive Research Grants 2021

- Covid-19 and Challenges in E-Learning: Magnifying Strategies through Perceptions of University Students and Other Stakeholders
Dr. Jan Muhammad, FSS&H
Rs. 1.3 Million
- Human biomonitoring and health parameters associated with groundwater exposure in Balochistan
Dr. Jeneen Panezai & Dr. Muhammad Nawaz , FLSI
Rs. 5 Million
- Vascular-Endothelial Growth Factor (VEGF) Gene Polymorphism in Diabetes Mellitus and Diabetic Retinopathy Patients of Balochistan
Dr. Rozeena Shaikh , FLSI
Rs. 2.9 Million

- Combatting the Challenge of Drugs Addiction among Youth in the Universities of Balochistan
Dr. Usman Azhar, FMS
Rs. 1.5 Million
- Smart Traffic Light Scheduling for Efficient Vehicle Flow
Dr. Mir Hamayoun Yousaf, FICT
Rs. 2 Million
- Algal Biomass Cultivation in Wastewater for Biofuel Production- A Clean, Green Approach with Energy and Environmental Aspects
Dr. Muhammad Amin, FOE&A
Rs. 2.5 Million
- Development of composite panels for building insulation utilizing local sheep wool
Dr. Ali Asghar, FOE&A
Rs. 4 Million
- Next-generation Molecular Genetic Detection for the Chromosomal Abnormalities and Hematopoietic Malignancies in Balochistan Province
Dr. Naseeb Ullah Kakar, FLSI
Rs. 3.2 Million
- Design and prototyping of bio-telemetry antenna system for the healthcare system of Balochistan
Dr. Muhammad Bilal, FICT
Rs. 2.6 Million
- GIS-based immoveable urban property Tax collection and management system, For Excise, Taxation & Anti-Narcotics Department, Government of Balochistan
Dr. Syed Tariq Shah, FICT
Rs. 1 Million
- Recycling of Domestic Waste Water Using Low-Cost Visible Light Photodegradation Technique to Overcome Water Scarcity and Water Quality Improvement for Quetta City
Dr. Muhammad Najam Khan, FOE&A
Rs. 2.7 Million
- Novel Cost-Effective Preparation of Building Blocks via Environmental-Friendly Method Using Indigenous Raw Material
Dr. Gulfam Nasar, FABS
Rs. 2.5 Million
- Gravitational collapse in Rastall Gravity Context with an Anisotropic Fluid
Dr. Sardar Muhammad Hussain, FABS
Rs. 1.3 Million

- Establishing Research/Molecular Diagnostic Centre for Hepatitis B and Hepatitis C Patients
Dr. Nazeer Ahmed, FLSI
Rs. 32.5 Million

- Enhancing the country's capacity for fungal diseases in Pakistan
Prof. Dr. Muhammad Mushtaq, Department of Biotechnology, FLSI
Program: Global Fungal Disease Surveillance and capacity CK-2106
Sponsoring Agency: Center of Disease Control & Prevention (CDC)
Rs. 10.817 Million

National Grassroots ICT Research Initiative (NGIRI) - FYP by Ignite (2020-2021)



Ignite National Technology Fund by the Government of Pakistan and administered by the Ministry of Information Technology and Telecommunication announced its National Grassroots ICT Research Initiative (NGIRI). This program aims to assist final year undergraduate students of ICT-related disciplines studying in the institutions by providing financial assistance for developing prototypes/working models for their Final Year Projects (FYP) to increase creativity, innovation, and hands-on engineering and development skills. As per instructions and guidelines set by Ignite, Deputy Director ORIC Syed Usman delivered an informative session on the NGIRI program and discussed the selection criteria and further procedures with the supervisors and students. Out of 71 NGIRI-

FYP projects, 61 projects were approved by Ignite Islamabad, among which 22 FYPs were selected for the funding award. FYP is selected for funding with the following financial breakup: Equipment: Maximum up to Rs.70,000/- and Miscellaneous: Maximum up to Rs. 10,000/-. It is an achievement for BUIITEMS that almost 80 students will be benefited.



ORIC Large Scale Review Process

The ORIC review committee is an institutional committee that undertakes detailed reviews of research proposals before submission to national and international funding bodies to ensure research quality, relevance, and competitiveness. After a thorough review of 51 submitted proposals, around 34 made it to the Stage 2 evaluation process. The Stage 2 Review Process was held on March 19-20, 2021, where the lead researchers presented their project proposals for HEC's Large Scale Grants. The review committee for stage two consisted of:



Three permanent internal members from BUITEMS

- Dr. Faisal Ahmad Khan, Pro-VC
- Mr. Dara Shikoh, Director of QE&A
- Dr. Zahid Rauf, Dean GSO

Three external members (renowned research scholars/ experts) were selected from all over Pakistan

- Dr. Hafeez Jamali, Additional Secretary (Federal Projects)
- Dr. Faisal F. Khan, CECOS, University Peshawar
- Dr. Syed Ali Hassan, SEECS, NUST

At least one subject expert from the respective faculty

- Dr. Liaquat Ali Channa, Assistant Professor, FSS&H
- Dr. Fozia Ahmed, Assistant Professor, FSS&H
- Dr. Aurangzaib Alamgir, Assistant Professor, FSS&H
- Dr. Abdul Qadeer Dayo, Assistant Professor, FoE&A
- Dr. Muhammad Habib, Assistant Professor, FoE&A
- Dr. Bakhtiyar Kasi, Associate Professor, FICT
- Dr. Naheeda Iftikhar, Assistant Professor, FBS
- Dr. Fayyaz Ahmed, Professor, FBS
- Dr. Nisar Ahmed, Assistant Professor, FBS
- Dr. Abrar Hussain, Professor, FSLI
- Dr. Zahid Majeed, Associate Professor, FMS



Telenor Head Office Interactive Session

Vice President Telenor Pakistan, Mr. Waqas Amanullah, Regional Director Balochistan, Mr. Haris Abdullah, and HR Manager, Mr. Al Rizvi visited the BUIITEMS City campus on the 9th March 2021. An interactive session was organized by ORIC between Vice President Telenor Pakistan, Mr. Waqas Amanullah, and the city campus students. Mr. Waqas Amanullah shared a brief background of Telenor and assured to provide:

- Jobs in Telecommunication
- Paid internship opportunities
- Aid in lab development



Telenor Pakistan with BUIITEMS Quetta



On March 10, 2021, the Vice President Telenor Pakistan, Mr. Waqas Amanullah visited BUIITEMS Quetta with Telenor Regional heads of Balochistan. He with his team conducted a meeting with Pro-Vice-Chancellor, Dr. Faisal Ahmed Khan, and other BUIITEMS officials. The VP Telenor ensured to



generate the opportunity of paid internships for the graduates. He also directed his team to make a suitable agenda to facilitate lab formation and other aspects like fee waivers for needy students from Telenor under the Corporate Social Responsibility (CSR). The Pro-VC BUIITEMS presented the Annual Report 2020 to VP Telenor Pakistan. A shield from Telenor was presented to Dr. Faisal Ahmed Khan.

Pre-Budget Consultation Session with BUIITEMS

For the first time, the Government of Balochistan planned to engage academia in provincial revenue mobilization & expenditure management for a forthcoming budget for the fiscal year 2021-22. The Finance Department, GoB, planned to meet BUIITEMS' scholars for Pre-Budget Consultation Sessions with the Governance & Policy Project (GPP) support on April 5, 2021 at the Takatu campus.



Moreover, the honourable Secretary Finance Government of Balochistan, Pasand Khan Buledi attended the session with worthy VC, BUIITEMS Quetta, Engr. Ahmed Farooq Bazai . The session was attended by Pro-VC, Dr. Faisal Ahmed Khan, Registrar, Jamal Mustafa, all Deans, Senior Faculty members, and advance studies students of BUIITEMS.

Local Challenge Fund Roadshow

To support the local universities in building research aptitude and to fund the study project of the University in answering the district-level issues, HEC announced LCF for the year 2021. ORIC-BUITEMS organized a roadshow on October 03, 2021, regarding the general understanding of the guidelines of the Local Challenge Fund. The guests for the panel discussion were Dr. Jan Muhammad- Vice Chancellor University of Turbat (Winner of LCF 2020), along with Dr.Zahid Rauf, Registrar BUITEMS, Dr.Zameer-ul-Hassan Associate Professor, Dr.Bushra Naeem, and Dr.Muhammad Amin- Assistant Professor. Dr. Anayatullah- Director ORIC, chaired the roadshow. The panellists discussed the outline of the Performa for LCF and provided detailed information regarding proposal writing.



ORIC Steering Committee Meeting



ORIC Steering Committee (OSC) is the central figure providing strategic direction and guidance. ORIC Steering Committee is the governing body for the ORIC and is committed to providing strategic leadership and governance oversight. On 25th October 2021, ORIC called for an OSC meeting to discuss the agendas: ORIC Vision and Mission Statements, Research Strategic Priorities Plan, Recommendations regarding SOPs of BUITEMS 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 Vice-Chancellor, BUITEMS as General Chair and Pro-Vice-Chancellor, BUITEMS and 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 were present in the meeting. Following are our pioneer members:

➤ **Aurangzeb Azmat**

President Power Controls and Testing Inc., Georgia, United States

➤ **Ather Imran Nawaz**

Chief Executive Officer, Sybrid (Pvt) Limited - a Lakson Group Company

➤ **Waqas Amanullah**

Vice President Sale Marketing Telenor

➤ **Dr. Faisal Khan**

Founder Averos

➤ **Dr. Yasar Ayaz**

Director at the National Centre of Artificial Intelligence

➤ **Sana Durrani**

Chairperson Women Business Association, Quetta

➤ **Muhammad Shah Khan**

Director National Incubation Centre, Quetta

➤ **Dr. Zahid Rauf**

Registrar BUITEMS

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➤ **Dr. Rahila Umer Sumalani**

Dean of Faculty of Social Sciences and Humanities, BUITEMS

➤ **Dr. Noor Muhammad**

Managing Director, Public-Private Partnership, GoB

➤ **Dr. Muhammad Nawaz**

Chairperson Chemistry, BUITEMS

➤ **Prof. Dr. Muhammad Naeem Shahwani**

Dean Faculty of Basic Sciences, BUITEMS

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

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.



BUIITEMS Publication List 2021

Faculty of Life Sciences And Informatics

Department of Biotechnology

1. **Muhammad Asif Abrar Hussain, Abdul Wali, Nazeer Ahmed**, Irfan Ali, Zafar Iqbal, Muhammad Amir, Muhammad Shafique, Mahmood Rasool. (2021). Molecular, Cytogenetic and Hematological Analysis of Chronic Myeloid Leukemia Patients and Follow up by Imatinib Mesylate and Nilotinib. *Analytical Cellular Pathology*. Volume 2021, Article ID 4909012, 19 pages. **(IF: 2.97)**.
2. Iqbal Z, Absar M, Akhtar T, Aleem A, Jameel A, Basit S, Ullah A, Afzal S, Ramzan K, Rasool M, Karim S, Mirza M, Iqbal M, AlMajed M, AlShehab B, AlMukhaylid S, AlMutairi N, Al-anazi N, Sabar MF, Arshad M, **Muhammad Asif**, Shammass M, Mahmood A. (2021). Integrated genomic analysis identifies ANKRD 36 gene as a novel and common biomarker of disease progression in Chronic Myeloid Leukemia. *Biology* 2021, 10, and 1182 **(IF: 5.01)**.
3. Mushtaq A, Sabir N, Kousar T, Rizwan S, Jabeen U, Bashir F, Sabir S, **Muhammad Naeem Shahwani**. (2021). Effect of Sodium Silicate and Salicylic Acid on Sodium and Potassium Ratio in Wheat (*Triticum aestivum* L.) Grown Under Salt Stress. *Silicon*, 1-6. **(IF: 2.67)**.
4. Amir M, **Abrar Hussain, Muhammad Asif** Ahmed S, Alam H, Moga MA, Cocuz ME, Marceanu L, Blidaru A. (2021). Full-Length Genome and Partial Viral Genes Phylogenetic and geographical Analysis of Dengue Serotype 3 Isolates. *Microorganisms* 9 (2):323. **(IF: 4.12)**.
5. Rasool M, Malik A, Waquar S, Zaheer A, **Muhammad Asif** Iqbal Z, Gauthaman K, Kamal MA. (2021). Cellular and molecular mechanisms of Dementia: Decoding the causal link of Diabetes Mellitus in Alzheimer's disease. *CNS & Neurological Disorders-Drug Targets*. 20. 602-612. **(IF: 4.38)**.
6. Mahmood R, Malik A, Waqar S, Ain QT, **Muhammad Asif** Anfinan N, Haque A, Alam H, Ahmed S, Hamid Hamdard M. Assessment of clinical variables as predictive markers in the development and progression of colorectal cancer. *Bioengineered*. 12(1):2288-98. **(IF: 3.26)**.
7. Rasool M, Malik A, Abdul Basit Ashraf M, Mubbin R, Ayyaz U, Waqar S, **Muhammad Asif** Umar M, Siew Hua G, Iqbal Z. (2021) Phytochemical analysis and protective effects of Vaccinium macrocarpon (cranberry) in rats (*Rattus norvegicus*) following ethylene oxide-induced oxidative insult. *Bioengineered* 12 (1):4593-460 **(IF: 3.26)**.
8. Rasool M, Carracedo A, Sibiany A, Al-Sayes F, Karim S, Haque A, Natesan Pushparaj P, **Muhammad Asif**, Achakzai NM. (2021). Discovery of a novel and a rare Kristen rat sarcoma viral oncogene homolog (KRAS) gene mutation in colorectal cancer patients. *Bioengineered* 12 (1):5099-5109. **(IF: 3.23)**.
9. Rafique S, Alam H, Umar Z, Shoaib M, **Khan S, Inayatullah S, Abrar Hussain**. (2021). Prevalence of Iron–Deficiency Anemia in Pregnant Women of Rural and Urban Areas of Balochistan, Pakistan. *Pak-Euro Journal of Medical and Life Sciences*, 4(4), 164-169. **(HEC Y Category)**. **S**Nasrullah, **Abrar Hussain**, Ahmed S, Rasool M, Shah AJ. (2021). DNA methylation across the tree of life, from micro to macro-organism. *Bioengineered*. 13(1): 1666-1685. **(IF: 3.23)**.

10. Ahmed S, Khan H, Khan A, Bangash MH, **Abrar Hussain**, Qayum M, Hamdard MH. (2021). Inter-ethnic genetic variations and novel variant identification in the partial sequences of CYP2B6 gene in Pakistani population. *PeerJ*, 9, e11149. **(IF: 2.98)**.
11. Altaf F, Gul S, Chandio TA, Rehman GB, Kakar AU, Ullah S, Khan N, Shaheen U, **Muhammad Naeem Shahwani**, Ajmal M, Manzoor M. (2021). Influence of biochar-based organic fertilizers on growth and concentration of heavy metals in tomato and lettuce in chromite mine tailings contaminated soil. *Sarhad Journal of Agriculture*. 137(1):315-24. **(HEC Y Category)**.
12. Kousar T, Sabir N, Mushtaq A, Rizwan S, Jabeen U, Bashir F, Ismail T, Jakhro MI, **Muhammad Naeem Shahwani**. (2021). Influence of Silica Gel on Ion Homeostasis in Salt Stressed Wheat Varieties of Balochistan. *Silicon*. 13(11). 4133-4138. **(IF: 2.67)**.
13. Rahman F, Malik IR, Mujtaba G, Umer Z, **Asma Yousafzai**, **Muhammad Asif**, **Abrar Hussain**, Rasool M (2021). Investigation and Prevalence of Hepatitis C Virus Genotypes in Pregnant Women. *International Journal Of Human Genetics* 21 (2):79-84. **(IF: 0.23)**.
14. Amir M, Khan MA, Iram S, **Samiullah Khan**, **Muhammad Asif**, (2021). Molecular evolution of zika virus by phylogenetic analysis of individual structural Capsid (C) gene and whole-genome sequences worldwide. Molecular evolution of zika virus by phylogenetic analysis. *Pak-Euro Journal of Medical and Life Sciences*. 4(4): 170-177. **(HEC Y Category)**.
15. Ullah H, Ullah A, Gul A, Mousavi T, **Muhammad Waseem Khan**. (2021). Novel coronavirus 2019 (COVID-19) pandemic outbreak: A comprehensive review of the current literature. *Vacunas (English Edition)*, 22(2), 106-113. **(HEC Indexed)**.
16. **Muhammad Waseem Khan**, Juutilainen J, Auvinen A, Naarala J, Pukkala E, Roivainen P. (2021). A cohort study on adult hematological malignancies and brain tumors about magnetic fields from indoor transformer stations. *International Journal of Hygiene and Environmental Health*, 233, 113712. **(5.84)**
17. Fiaz Bukhari SM, Ali G, Abbas SR, Anjum Z, Ahmed N, Munir A, **Abdul Wali**, Ayub M, Khan K, Khames A, Musthafa MM. (2021). Ethnobotanical and Biochemical Study of Berberis Lycium Royle Collected from Different Areas of Azad Jammu and Kashmir. *Evidence-Based Complementary and Alternative Medicine*, 2021. **(2.62)**
18. Ijaz A, Shah K, Aziz A, Rehman FU, Ali Y, Tareen AM, Khan K, Ayub M, **Abdul Wali**. (2021). Novel frameshift mutations in the XPC gene underlie xeroderma pigmentosum in Pakistani families. *Indian Journal of Dermatology*. 66(2): 220. **(1.49)**.
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23. Fatima S, Liaqat F, Akbar A, Sahfee M, Samad A, Anwar M, Iqbal S, Khan SA, **Haleema Sadia**, Makai G. (2021). Virulent and multidrug-resistant Klebsiella pneumonia from clinical samples in Balochistan. *International Wound Journal*. 8(4):510-8. **(IF:3.31)**.
24. Javed Z, Khan K, Rasheed A, **Haleema Sadia**, **Muhammad Naeem Shahwani**, Irshad A, Raza S, Salehi B, Sharifi-Rad J, Suleria HA (2021). Targeting androgen receptor signaling with MicroRNAs and Curcumin: a promising therapeutic approach for Prostate Cancer Prevention and intervention. *Cancer Cell International* 21 (1):1-13. **(IF:5.72)**.
25. Javed Z, Khan K, Rasheed A, **Haleema Sadia**, Raza S, Salehi B, Cho WC, Sharifi-Rad J, Koch W, Kukula-Koch W, Głowniak-Lipa (2021). MicroRNAs and Natural Compounds Mediated Regulation of TGF Signaling in Prostate Cancer. *Frontiers in Pharmacology*, 2165. **(IF: 4.22)**
26. Javed Iqbal M, Quispe C, Javed Z, **Haleema Sadia**, Qadr, QR, Raza, et al. (2021). Nanotechnology-based strategies for berberine delivery system in cancer treatment: Pulling strings to keep berberine in power. *Frontiers in Molecular Biosciences*, 481. **(IF:4.18)**
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33. **Haleema Sadia**, Raza S, Irshad A, Koch W, Kukula-Koch W, Głowniak-Lipa A, Cho WC, Sharifi-Rad J. (2021). Regulation of hedgehog signaling by miRNAs and nanoformulations: A Possible Therapeutic Solution for Colorectal Cancer. *Frontiers in Oncology*. 2790. **(4.84)**
34. **Haleema Sadia**, Javid A, Rashid M, Taseer MS, Zeng Z. (2021). Canine Populations in Vicinity are Propagating Canine Transmissible Venereal Tumour in Pakistan—A Pilot Study. *Pakistan Journal of Zoology*. 2021: 1-6. **(HEC Indexed)**
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36. Ahmed S, Khan ST, Zargaham MK, Khan AU, Khan S, **Abrar Hussain**, Uddin J, Khan A, Al-Harrasi A. (2021). Potential therapeutic natural products against Alzheimer's disease with Reference to Acetylcholinesterase. *Biomedicine & Pharmacotherapy*. 1; 139:111609. **(IF: 3.74)**.
37. Ahmed S, Ayub M, Naeem M, Nazir FH, **Abrar Hussain**, Ghilzai D, Magnus LO, Sajjad A, Norder H. (2021). Thalassemia Patients from Baluchistan in Pakistan Are Infected with Multiple Hepatitis B or C Virus Strains. *The American journal of tropical medicine and hygiene*. 104(4):1569. **(IF: 2.3)**.
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43. UI Qamar MT, Ahmad S, Khan A, Mirza MU, Ahmad S, **Asma Abro**, Chen LL, Almatroudi A, Wei DQ. Structural probing of HapR to identify potent phytochemicals to control Vibrio cholera through integrated computational approaches. *Computers in Biology and Medicine*. 138:104929. **(IF:4.58)**.
44. Ahmad S, Waheed Y, **Asma Abro**, Abbasi SW, Ismail S. (2021). Molecular screening of glycyrrhizin-based inhibitors against ACE2 host receptor of SARS-CoV-2. *Journal of Molecular Modeling*. 27(7):1-3. **(IF:1.81)**.

45. Mehmood I, Ijaz M, Ahmad S, Ahmed T, Bari A, **Asma Abro**, Allemailem KS, Almatroudi A, Tahir ul Qamar M. (2021). SARS-CoV-2: An update on genomics, risk assessment, potential therapeutics, and vaccine development. *International Journal of Environmental Research and Public Health*. 18(4):1626. **(IF:3.39)**.
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48. Ashiq K, Ashiq S, **Haleema Sadia**. (2021) Pharmacy Education and Role of the Teachers During the COVID-19 Pandemic. *Bangladesh Journal of Medical Science*:183-184. **(HEC Y Category)**.
49. Javed Z, Khan K, Raza Q, **Haleema Sadia**, Shah FA, Ahmad T, Bentivegna A, Bazzoni R, Setzer WN, Alshehri MM (2021) Notch signaling and MicroRNA: The dynamic duo steering between neurogenesis and glioblastomas. *Cellular and Molecular Biology* 67 (2):33-43. **(IF: 1.7)**.
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52. Majeed F, Akbar A, Shafee M, **Haleema Sadia**, Iqbal S, Phadungchob B, Khan G, Khan S. (2021) Detection of Mycotoxigenic Fungi and Mycotoxins in Poultry Feed of Balochistan Pakistan. *Journal of the Hellenic Veterinary Medical Society* 72 (1):2741-2746. **(HEC Y Category)**.
53. Naveed M, Bukhari B, Afzal N, **Haleema Sadia**, Meer B, Riaz T, Ali U, Ahmed N (2021) Geographical, Molecular, and Computational Analysis of Migraine-Causing Genes. *Journal of Computational Biophysics and Chemistry*. 20 (04):391-403. **(IF:0.97)**.
54. **Haleema Sadia**, Sheikh S, Atta MA, een K (2021) COVID-19 Pandemic Verses Students Promotion Criteria At Higher Education Level. *Elementary Education Online* 20 (4):3120-3127. **(HEC Y Category)**.
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Department of Microbiology

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58. **Ashiq Khan** et al, (2021). Understanding the effects of gut microbiota dysbiosis on nonalcoholic fatty liver disease and the possible probiotics role: Recent updates. *International Journal of Biological Sciences*, 17(3), 818. **(6.58)**.
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62. Khan I, **Muhammad Rafiq**, et al, (2021). Calcium Carbonate Precipitation by Rock Dwelling Bacteria in Murree Hills, Lower Himalaya Range Pakistan. *Geomicrobiology Journal*, 38(3), 231-236. **(2.3)**.
63. **Muhammad Rafiq** Hassan N, et al., (2021). Geochemistry and Insights into the Distribution of Biotechnological Important Fungi from the Third Pole of the World, Karakoram Mountains Range. *Geomicrobiology Journal*, 38(5), 395-403. **(2.3)**.
64. Zada S, Sajjad W, **Muhammad Rafiq**, Ali S, Hu Z, Wang H, Cai R. (2021). Cave Microbes as a Potential Source of Drugs Development in the Modern Era. *Microbial ecology*, 1-12. **(4.55)**.
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Department of Environmental Sciences

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81. **Alina Ali**, Hussain RM, Asghar A, Hassan SZU, **Gohram Khan Malghani**, Dom NC, Khan MQ (2021) The effect of noise on motor task functioning among young motorcyclists: A controlled experiment. *Journal of Applied and Emerging Sciences* 11 (1): 95-101. **(HEC Y Category)**.
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Faculty of Social Sciences And Humanities

Department of English

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BUIITEMS Financial Review

Financial Highlights

The annual Budget for the Financial Year 2020-21 was approved to Rs.1,703.699 million, which was revised to Rs.1,567.500 million. The receipt of the University during the year 2019-20 was Rs.238.269 million, which decreased to Rs. 167.00 million during 2020-21, owing to COVID-19 Pandemic.

SUMMARY OF REVISED BUDGET ESTIMATES (FY 2020-2021)		
Particulars	Amount in Million Rs.	
	Approved Budget	Revised Budget
Pay & Allowances		
Total Pay & Allowances	1,334.333	1,198.009
OPERATIONAL EXPENSES		
Purchase of Durable Goods	40.000	26.000
Purchase of Consumable Goods	36.450	31.500
Communication	4.000	3.601
Civil Works-Buildings & Structures	4.000	3.701
Repair & Maintenance	32.350	26.450
Utilities	81.870	90.961
Rent, Rates, Taxes & Fee	9.280	10.930
Training & Research	7.010	38.901
Other Expenditure on Commodities & Services	154.406	137.447
Total Operational Expenses	369.366	369.491
Total	1,703.699	1,567.500





NATIONAL INCUBATION CENTER (NIC) QUETTA



From innovation to impact and beyond

NIC QUETTA

Vision

To be the hub of innovation in the region proposing innovative approaches to impact lives and raise living standards

Mission

At National Incubation Center (NIC) Quetta, we are committed to supporting the youth of Balochistan to develop sustainable and impactful startup ventures in order to create jobs, revitalize community, commercialize new technology and strengthen local and national economy

Goals

1. To promote Entrepreneurial Culture among the youth of Balochistan
2. To promote disruptive innovation to impact lives and enhance living standards
3. To commercialize innovative technology
4. To create jobs and diversify local and national economy
5. To accelerate growth of local industry clusters

Core Values

1. Passion for Winning (We are continuously moving forward, innovating, and improving)
2. Teamwork (We believe in leveraging the collective genius)
3. Integrity (We are honest, open, ethical, and fair)
4. Respect and Humility (We treat others as we would like to be treated ourselves)
5. Customer Focus (We put startups first)

NIC Quetta Programs

The Incubation and Acceleration Program is an intense 4-6 months long program offered at NIC Quetta to the most promising startups scouted from all across Balochistan. Only the best startups led by passionate founders pursuing a sustainable, high-growth or high-impact venture make it to the program.

Mutually agreed upon milestones are used to gauge startup development throughout the incubation/acceleration cycle and successful ventures are showcased at an investors' summit upon graduation. The Program also offers a non-resident acceleration track for founders of existing, young companies to avail its mentoring and investment networking platform.

The Incubation and Acceleration Program offers the following to the startups:

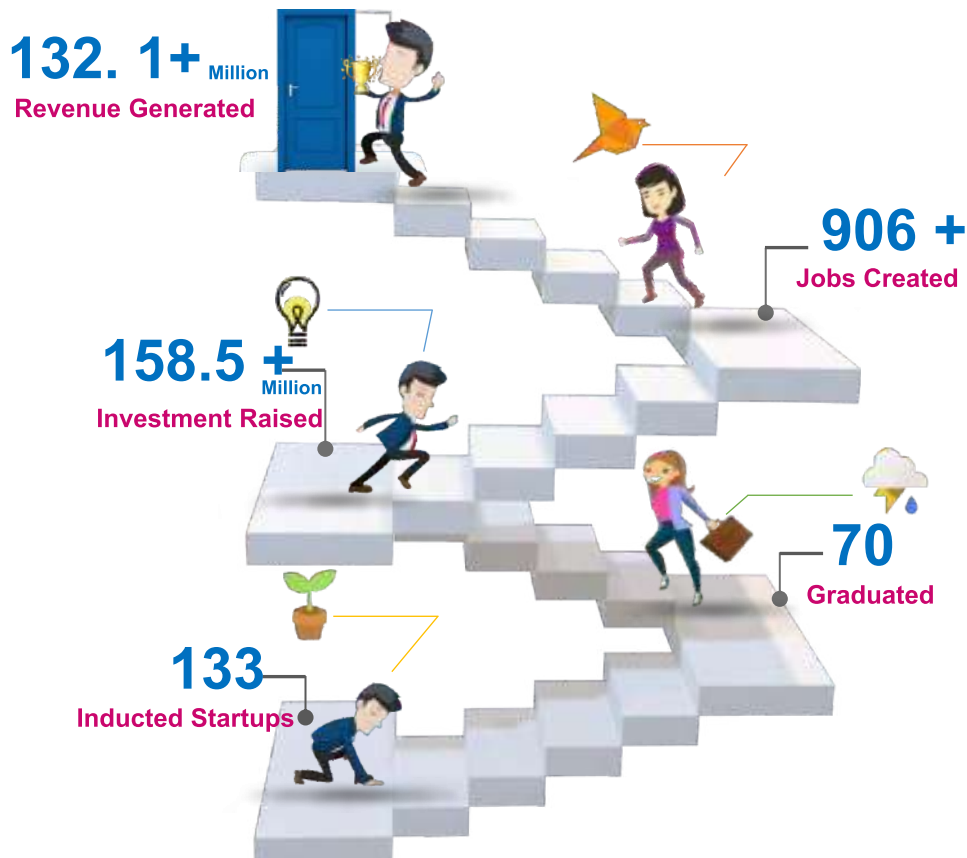
- Up to 6 months of access to huge co-working office facility at NIC Quetta
- 24×7 utilities including power, internet and phone
- Shared access to IT and administrative infrastructure & resources
- State of the art video conferencing system
- Access to BUIITEMS labs & other common access facilities
- Access to the world-class faculty at LUMS and BUIITEMS
- Access to first ever to be built MakerLAB in Pakistan
- Continuous support from the world-class management of NIC Quetta
- Marketing and PR support from NIC Quetta
- Access to world-class Smart Classroom
- Regular mentoring and advice from seasoned leaders
- Access to investors at the investors' summit

NIC Quetta Incubation Process



NIC QUETTA INCUBATION & ACCELERATION PROGRAM (Success Thus Far)

Offering access to state-of-the-art facilities and a rich knowledge base, NIC Quetta offers is a unique experience designed to promote innovation. Businesses are incubated and are exposed to workshops and trainings, marketing support, expert opinions, and access to finance. Mentorship and edification are also provided throughout the Incubation and Acceleration process that ultimately help businesses connect to potential investors, partners, and customers.



NIC Quetta Microenterprise Program (Success Thus Far)

NIC Quetta offers support to microentrepreneurs through a flagship Microenterprise Program. The Program with its unique and contextualized curriculum, training modules, and experiential learning methodology is offered in Urdu and other local languages (Pashto and Balochi) to cater to the needs of microentrepreneurs of the Province.



GRADUATED STARTUPS OF NIC QUETTA IN 2021

The Furniture Magenta

Offers complete range of imported and local customized furniture for offices and homes based on the purchasing power of clients.


2021


FASECAD

An online platform to connect construction field experts and clients, and help one find associated support for any construction project.


2021






.....

A brokerage and fund managing firm that deals in trading of global currency or FOREX market.











.....

An online platform for ordering handmade embroidered clothes of different cultures of Balochistan enabling skilled women in villages to work and earn from home by showcasing their products to the world.









.....

An online store, where shoes of multiple brands would be available alongside accessories to match with footwear.










.....

A platform that deals in selling unique Balochi and Afghani embroidered dresses providing women of Balochistan an opportunity to uplift living by working from home.

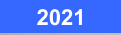









.....

A platform that automates office work for professionals through a web application using automation tools to save time and effort.











.....

An online platform that connects internet users with skilled workers in local market for services that people need in daily life.





Provides customers with quality frozen food items like spring rolls, samosas, lapiang rolls, with grandma recipes in Quetta.



2021

TechSniff



TechSniff makes IoT based agriculture monitoring devices. This agricultural monitoring system makes use of wireless sensor networks to check the humidity and moisture level etc. with date and time and sends readings to farmers.

2021



An accident alert system that generates alerts to help people get quick medical services in case of an accident. The alerts will simultaneously be generated to police, ambulance and subject's family.

2021



Use of eco-friendly micro-algae to provide drinkable water by water reclamation, with a sustainable approach to convert wastewater into portable water resources in a cost-effective manner.

2021

A platform that provides services of designing environmental-friendly spaces for user groups that are aesthetically appealing.

2021

Deals in trendy jewelry at affordable prices nationwide. The products are of high quality, delicate to compliment every outfit.

2021



Deals in providing tourism services to attract people towards natural beauty of Balochistan by arranging tours and trips.

2021



A system which senses gas leakage in a house or office, and switches on the alarm so that the people are aware and can act accordingly.

2021



Deals in dried herbs like oregano, parsley, thyme, rosemary etc. The products are very healthy and provide the touch of nature in any cuisine.

2021



Quick Eats is an online platform for restaurants and grocery store to get food and groceries delivered to customers' homes.

2021





An art gallery where students can be trained and taught on how to get into fine arts, exhibit their artwork and make money.

2021



An online Education System that aims to offer a wide range of courses and specializations along with flagship skill-based trainings for school, college and university students.

2021



.....

iVision has developed smart glasses for people who are visually impaired or blind, so they can interact with the world without feeling left out.

2021





ARTIFIED

.....

Provides online creative design solutions including paintings, sketches, fabric painting and hand embroidered neck pieces.



2021

.....

Serow Automobile has made an innovative tricycle that can be operated both with hands and feet. Individuals with crippled legs can run it using hand pedals.



2021

.....

An online platform which connects vendors and customers in the construction industry for the sale and purchase of a variety of construction material.



2021

.....

A homebased food business which makes a variety of hygienic and healthy food items and gets them delivered at customers' doorsteps.

2021

.....

Provides safe, reliable and easy pick and drop services for school children and working women in Quetta City.

2021



An online platform for creating awareness regarding mental health issues and connecting clients with psychologists and psychiatrists.

2021



Nutriweeds grows seaweed and makes a variety of products using seaweed including snacks and nutritional supplements.

2021



Makes nutritionally rich toffees/sweets by combining 16 different types of Panjgoori dates.

2021



Organica Savon has made an antibacterial soap which prevents from various microbial and bacterial infections.

2021



A Quetta-based software house providing quality services regarding website development, graphic designing, and app development.

2021



A home-based sewing business which offers services related to dress designing and stitching.

2021



Offers stock market consultancy services to help clients invest their money wisely in the stock market.

2021



Startups Currently Inducted At NIC Quetta

Paivand Productions

A production company that deals in fashion shoots, advertisement shoots, wedding shoots, product shoots, and cinematography.

Banzol Footwear

Designs and sells customized hand-painted canvas sneakers created by young & innovative artists.

Elecrolliance

Provides automation services for businesses and residencies to save time and human effort.

Econ-Mosiacs

Provides economical long lasting customized chips tiles to decorate floors with beautiful, connected designs.

Moaj e Bahar

A clothing brand that combines Balochistan's traditional and cultural art with modern designs.

TEAMSALT

Provides a platform to uplift youth of Balochistan by giving opportunities to explore archaeology sites, and local culture by engaging them in outdoor activities.

KHeRi

Deals in production of comfortable yet stylish traditional Balochi chappal (footwear).

Physio Rescue

A physiotherapists-led startup which provides services of health-care, rehabilitation, fitness and pain management.

Salan Wali Roti

Deals in making a variety of pizza-shape roti / bread with different toppings.

Zaibtaan

An e-commerce brand which manufactures customized handmade products specially traditional footwears.

EHS Solutions

Provides consultancy services to assess, monitor and evaluate the working environment of organizations by suggesting measures in accordance with related legislations.

Bio-Flock Fish Farming

Deals in farming and supply of fish to small businesses in Quetta using Bio-Flock technique.

Quettadeals

A hyper-local online platform which connects customers to local businesses by offering them discounted deals.

Hogwarts Waffle

Makes and sells waffles by combining fresh fruits, chocolates, and ice-cream in a unique recipe.

Amazon FBA Wholesale

Provides consultancy services of FBA wholesale on Amazon by negotiating with brands and distributors and signing a trade account.

The Natural Fibers Company

Deals in designing specialized machines for processing natural fibers of Pakistan such as banana, wool and silk in fabrics.

UTJ Crown 21

Deals in manufacturing and sale of low-cost electronics gadgets such as a 12v-UPS for Wi-Fi modem.

Flat Jack

Inventor of a flat-jack tool to measure insitu stress (vertical and horizontal pressure) in deep mines to reduce number of accidents.

Literati Corner

An educational institute where professionals provide education with special focus on character-building.

Health-Care Services

An online platform which connects patients with doctors and nurses so that patients are given improved health care at their door-steps.

Bridge 70

Provides professional training and mentoring services to young graduates in Quetta to enhance their employability skills

The Blue Hammer Arts

Combines a variety of pencil, charcoal and string arts techniques to make calligraphy, portraits, & other types of customized arts.

Easy Darzi

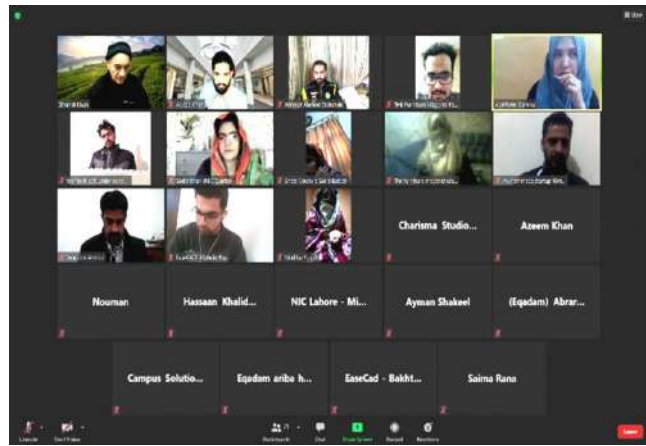
An digital management solution that upgrades conventional tailor record system into a digitized online system for more efficiently.

The background is a collage of office scenes. The top part shows a modern office interior with a glass wall decorated with colorful geometric patterns and streamers. A sign on the wall reads "EMPATHISE". The bottom part shows a group of people in an office setting, many holding certificates or documents, suggesting an awards ceremony or a group achievement. A large yellow hexagonal shape with a white border is centered over the collage, containing the title text.

NIC QUETTA YEAR 2021 HIGHLIGHTS

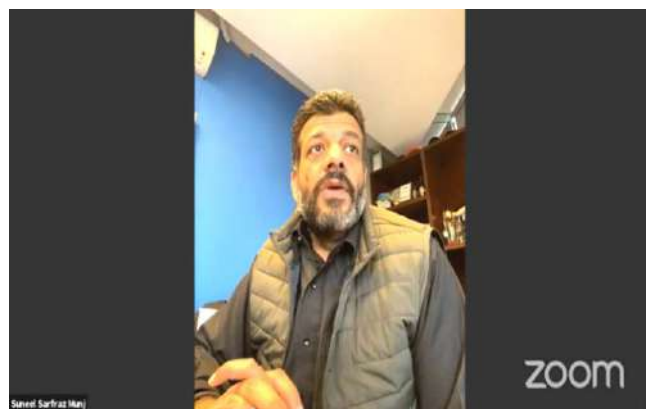
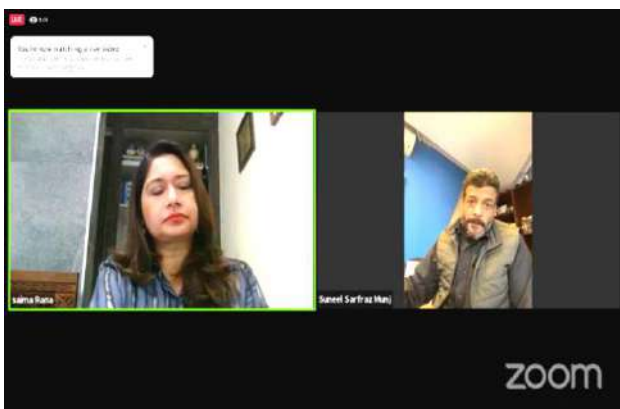
Design Thinking Workshop

NIC Quetta organized a 3-week online workshop during January 2021 on Design Thinking for Cohort-4 startups. This workshop was delivered by Shahid Khan, Sr Director at SAP, California, USA.



Entrepreneur in Conversation Series - Session on Pioneering Digital Credit in Pakistan

As part of the Entrepreneur in Conversation Series, an online session with Suneel Sarfaraz Munj, Co-Founder and Chairman at PakWheels.com was conducted on January 1, 2021.



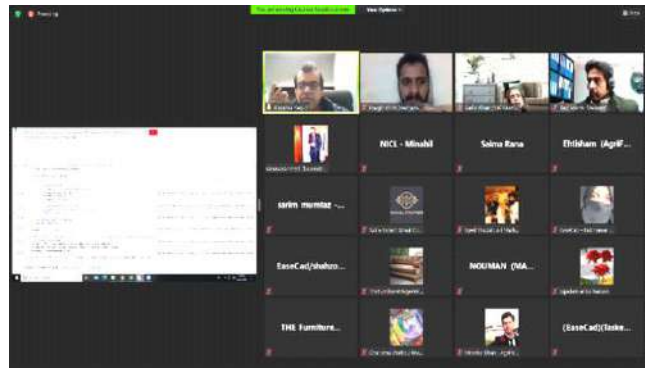
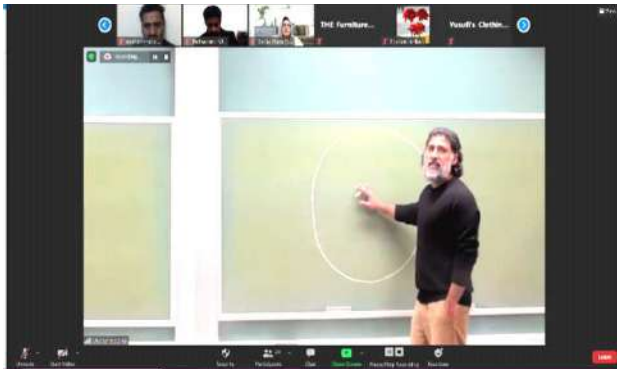
Session with Sabahat Ali Shah, CEO National IT Board, Government of Pakistan

An online session with Sabahat Ali Shah, CEO National Information Technology Board Government of Pakistan was organized on digitizing governance on January 4, 2021, for startups of NIC Quetta Cohort-4.



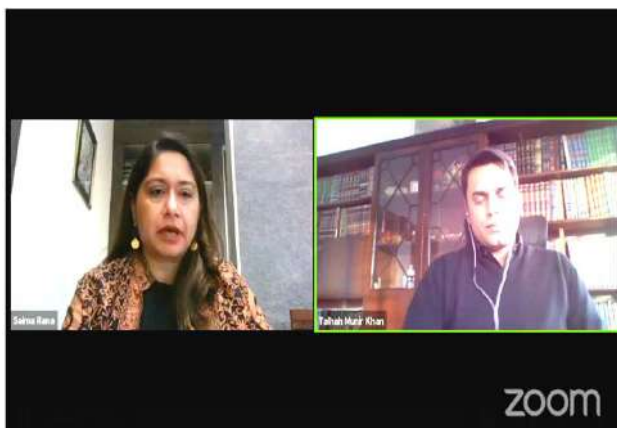
Strategy & Business Modelling Module

As part of the Strategy and Business Modelling Module, online sessions on “Business Strategy” were organized for startups of NIC Quetta Cohort-4 during January 2021. The sessions were delivered by Dr. Adnan Zahid, Professor of Marketing, and Dr. Usama Yaqoob, Assistant Professor of Business Intelligence and Data warehousing in LUMS.



Session with Talha Munir Khan, CEO Knowledge Platform Pakistan

An online session with Talha Munir Khan, CEO Knowledge Platform Pakistan on Digital Learning Solutions was conducted on January 13, 2021, for startups of NIC Quetta Cohort-4.



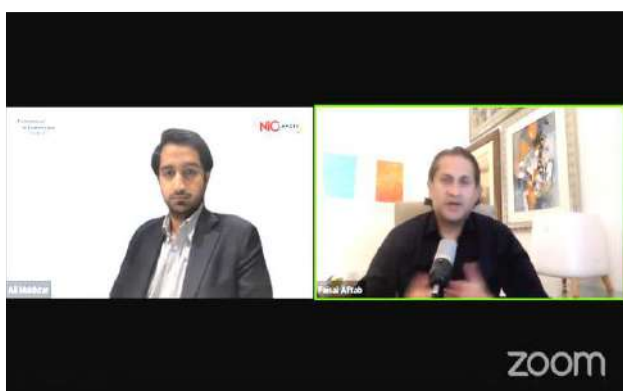
Marketing, Branding & Sales Module

A week-long module on Marketing, Branding, and Sales was delivered to the startups of NIC Quetta Cohort-4 during January 15-19, 2021. The sessions were delivered by Dr. Zain Khuwaja, Assistant Professor in LUMS.



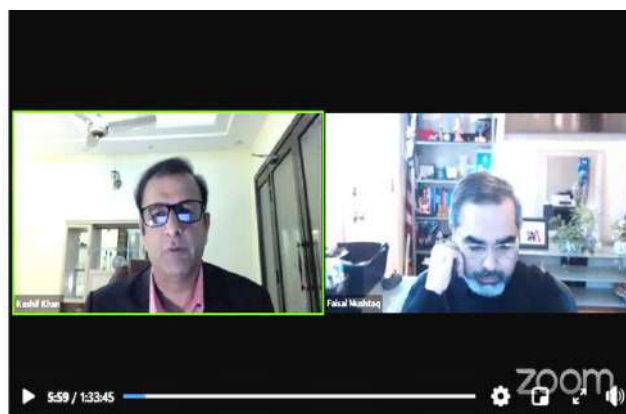
Session on Seed Funding

An online session on Seed Funding for Startups was organized on January 26, 2021, for startups of NIC Quetta Cohort-4. The speaker was Ali Mukhtar, founder Fatima Gobi Ventures.



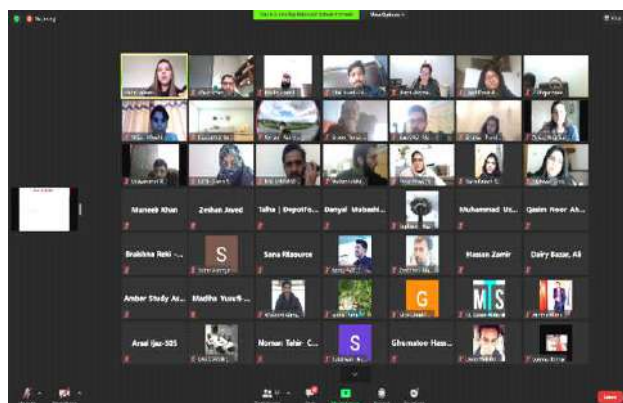
Session with Faisal Mushtaq, Senior Vice President Change Healthcare

NIC Quetta conducted an online session with Faisal Mushtaq, Senior Vice President in Change Healthcare, on opportunities in healthcare technology and services on January 27, 2021.



Company and Business Law Module

NIC Quetta Cohort-4 attended a weeklong module on Company and Business Law from January 21-29, 2021. The sessions were delivered by Barrister Ahmed Uzair, Hassan Shah, Meher Saleem, Rai Saleh Aza, and M. Mansha Sukhera.



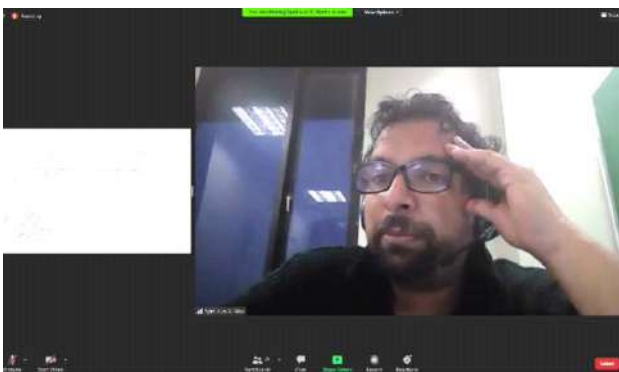
Marketing Research Module

A week-long online training on Marketing Research was conducted for startups of NIC Quetta Cohort-4 from February 01-05, 2021. The sessions were delivered by Saima Rana, a specialist in the creative and art industries.



Accounting and Finance Module

A module on accounting and finance was conducted for startups of NIC Quetta Cohort-4 from February 08, 2021, to February 17, 2021. The online sessions were delivered by Dr. Aun Raza Rizvi, Associate Professors of Finance in LUMS, and Dr. Omair Haroon, Assistant Professor in LUMS.



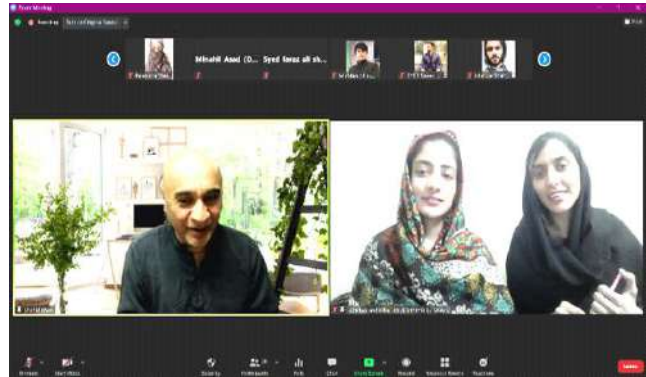
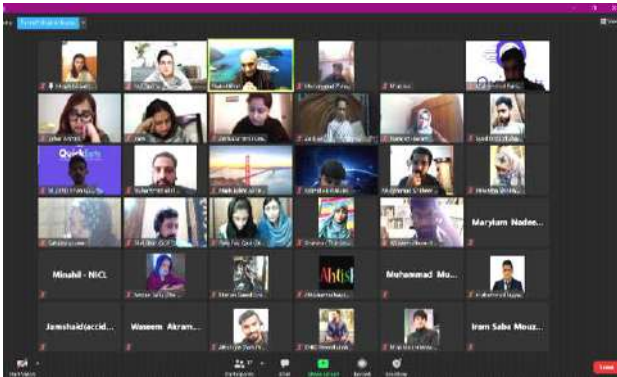
Session on Startup Financial Modelling

NIC Quetta Cohort-4 attended sessions on financial modeling at the facility from February 19-22, 2021. The sessions were delivered by Syed Nisar Ahmed, Executive Manager NIC Quetta.



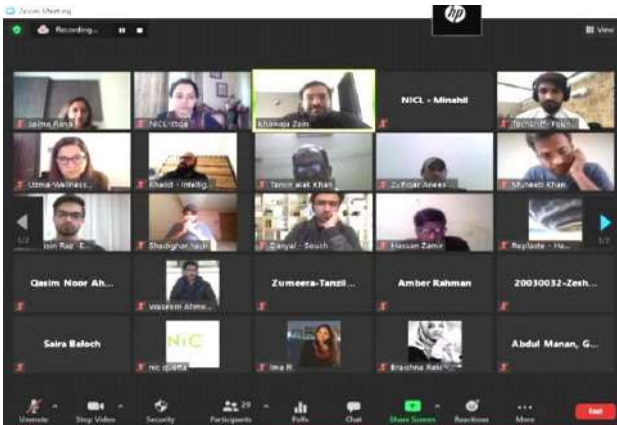
Module on Pitching to Investors

A weeklong module on “How to Pitch and Make Your Ideas Stick” was conducted for startups of NIC Quetta Cohort-4 from March 25-29, 2021. The session was delivered by Mr. Shahid Khan, Sr. Director, SAP, California, USA.



Communications and Personal Effectiveness Module

Online sessions on communication and personal effectiveness were conducted on March 30-31, 2021 for startups of NIC Quetta Cohort-4. The sessions were delivered by Dr. Zain Khawaja, Assistant Professor for Social Media, Digital, and Integrated Marketing Communications at LUMS, and Dr. Adnan Zahid, Assistant Professor at LUMS.



Investors' Summit for Cohort-4 Startups of NIC Quetta

A digital Investors' Summit was organized for the graduated startups of NIC Quetta Cohort-4 on April 10, 2021. Startups pitched their business ideas to the renowned investors around Pakistan.



Outreach Campaign For NIC Quetta Cohort-5 Induction

NIC Quetta launched a call for applications for the induction of Cohort-5. In addition to the social media outreach campaign, NIC Quetta organized in-person sessions in various educational institutions across Balochistan. A total of 17 outreach sessions/seminars were conducted at different institutions. Each session included a presentation on “Entrepreneurship”, a talk on "Business Today" and “NIC Quetta Incubation Program” followed by a Q/A session. Following are the glimpses of some sessions:

Balochistan University of Engineering and Technology (BUET), Khuzdar

NIC Quetta conducted an outreach session at Balochistan University of Engineering and Technology (BUET), Khuzdar on March 1, 2021.



University of Balochistan – UoB Quetta

NIC Quetta conducted an outreach session at the University of Balochistan on March 03, 2021.



University of Loralai

NIC Quetta conducted an outreach session at the University of Loralai on March 10, 2021.



University College of Zhob, BUIITEMS

NIC Quetta conducted an outreach session at the University College of Zhob, BUIITEMS on March 11, 2021.



National University of Modern Languages - NUML

NIC Quetta conducted an outreach session with students of National University of Modern Languages - NUML on March 12, 2021 at NIC Quetta facility.



Alhamd Islamic University - AIU Quetta

NIC Quetta conducted an outreach session at Alhamd Islamic University-AIU on March 15, 2021.



Lasbela University of Agriculture, Water & Marine Sciences -LUWAMS

NIC Quetta conducted an outreach session at Lasbela University of Agriculture, Water & Marine Sciences -LUWAMS on March 16, 2021.



BUIITEMS Faculty of Management Sciences

NIC Quetta conducted an outreach session with the BUIITEMS Faculty of Management Sciences on March 18, 2021.



BUIITEMS Faculty of Social Sciences & Humanities-FSSH

NIC Quetta conducted an outreach session at BUIITEMS Faculty of Social Sciences and Humanities on March 18, 2021.



BUIITEMS Faculty of Basic Sciences

NIC Quetta conducted an outreach session at BUIITEMS Faculty of Basic Sciences on March 19, 2021.



BUIITEMS Faculty of Information & Communication Technology

NIC Quetta conducted an outreach session at BUIITEMS Faculty of Information & Communication Technology on March 24, 2021.



University of Turbat, Gwadar Campus

NIC Quetta conducted an outreach session at the University of Turbat, Gwadar Campus on March 24, 2021.



BUIITEMS Faculty of Life Sciences & Informatics

NIC Quetta conducted an outreach session at BUIITEMS Faculty of Biotechnology & Informatics on March 26, 2021.



University of Balochistan - Commerce Department

NIC Quetta conducted an outreach session at University of Balochistan - Commerce Department on March 31, 2021.



BUIITEMS Department of Textile Engineering and Fashion Design

NIC Quetta conducted an outreach session at BUIITEMS Department of Textile Engineering and Fashion Design on March 31, 2021.



BUIITEMS Faculty of Engineering

NIC Quetta conducted an outreach session with the BUIITEMS Faculty of Engineering on March 31, 2021.



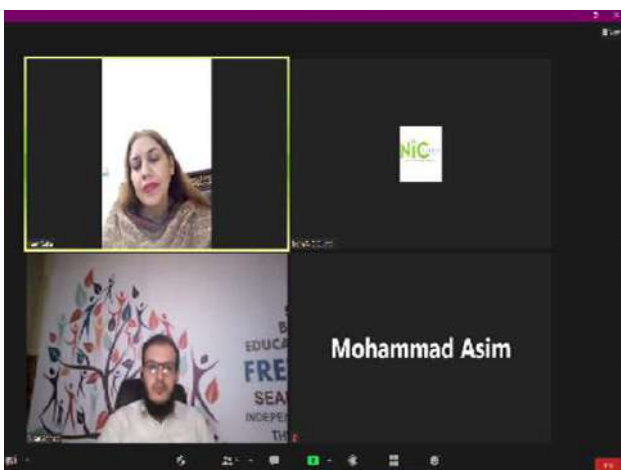
University of Turbat

NIC Quetta conducted an outreach session at the University of Turbat on April 2, 2021.



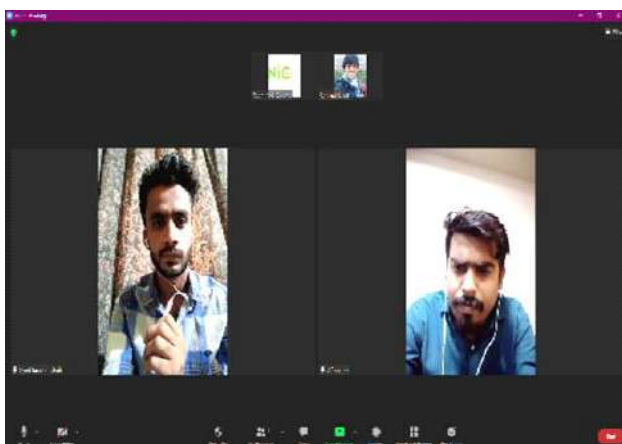
Preliminary Screening Interviews for Cohort-5 Induction

Preliminary screening interviews for Cohort-5 induction of NIC Quetta were conducted during April 2021. The most viable and innovative business ideas and teams were shortlisted for final pitching at the Foundation Council.



Pre-Pitch Session

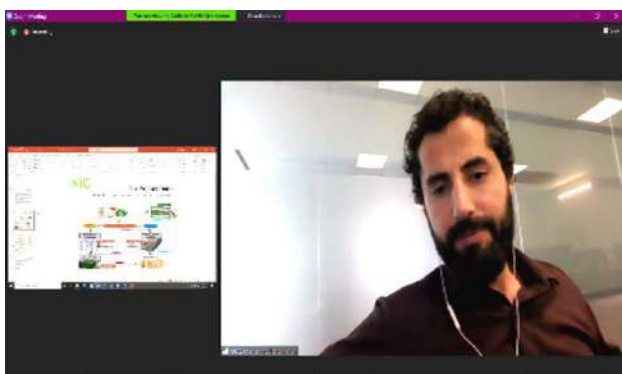
Before pitching to the Foundation Council, NIC Quetta arranged a pre-pitch session on April 27, 2021 for all the shortlisted applicants of Cohort-5. Team NIC Quetta, along with other mentors, engaged with the startups and guided them on each step of their ultimate pitch preparation process.



Foundation Council for Induction of Cohort-5

Foundation Council (FC) for the induction of Cohort-5 was held digitally through Zoom on April 28-29, 2021. Startups pitched their business ideas to the honorable judges of FC. Following judges participated in Foundation Council.

- | | | |
|-----------------------|--------------------|---------------------|
| 1. Dr. Jeneen Panezai | 2. Dr. Rahila Umer | 3. Ms. Saman Jaffar |
| 4. Ms. Saima Rana | 5. Mr. Hamza Habib | |

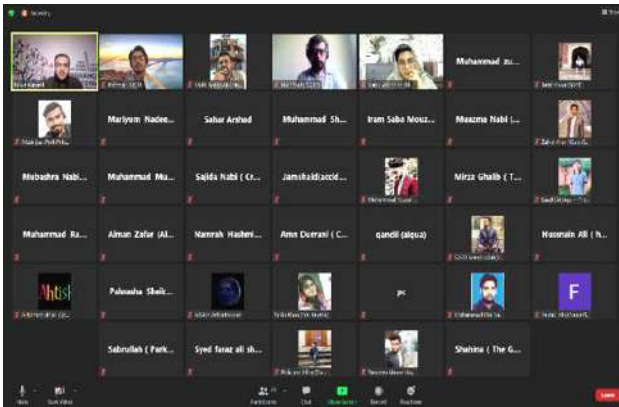


The FC selected the following startups for Cohort-5:

- | | |
|----------------------------------------------------|------------------------------|
| 01. SOFT (Serve Our Future Talent) | 02. Quick Eats Limited |
| 03. Accident Alert System | 04. S. Sardar |
| 05. Gas Leakage Alert System | 06. Value Addition in Grapes |
| 07. Herbal Lagoons | 08. BUIITEMS Foods |
| 09. Create Studio (Interior Design Firm) | 10. Alqua |
| 11. Resin Spot | 12. BUIITEMS Biorefinery |
| 13. Plastic Molding Machine Installation In QUETTA | 14. Cruella |
| 15. The Gwadar Art Gallery | 16. Decornation |
| 17. Then Foundation | 18. Diamante By Soeurs |
| 19. Online Car Selling Via Bidding Pakistan | 20. Mousse Fitter |
| 21. Hazara Tech Accessories | 22. Q Commerce Micro-Agency |
| 23. Park Pakistan! | 24. iVision |
| 25. D.V.F. Limited | |

Orientation Session of Cohort-5

The orientation session of Cohort-5 was held on May 2, 2021 digitally. After a round of introductions, a detailed presentation on curriculum of NIC Quetta and other relevant information was shared with the selected startups.



Trainings And Workshops (COHORT-5)

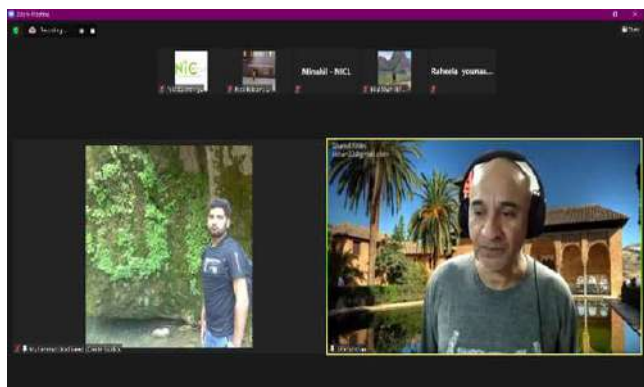
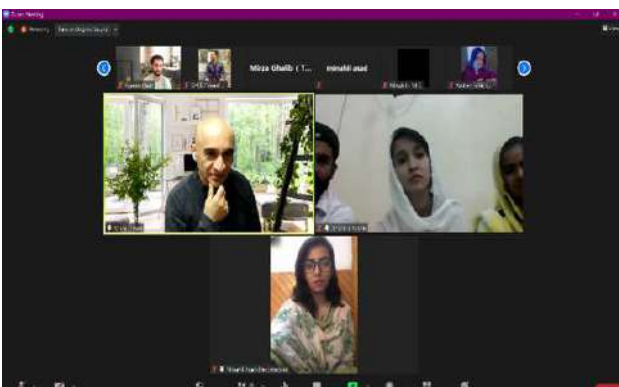
Session on Introduction to Law

An online session on Introduction to Law was conducted for startups of NIC Quetta Cohort-5 by Mahnoor Anwar on May 2, 2021. Mahnoor is a high-court lawyer and holds 5 years of experience.



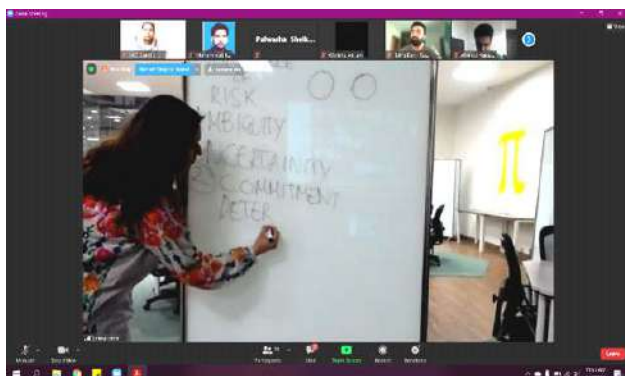
Design Thinking Module – Problem Validation

A 2-week long module on Design Thinking (Problem Validation) was organized for startups of NIC Quetta Cohort-5 from May 03-19, 2021. The sessions were delivered by Mr. Shahid Khan, Sr. Director, SAP, California, USA.



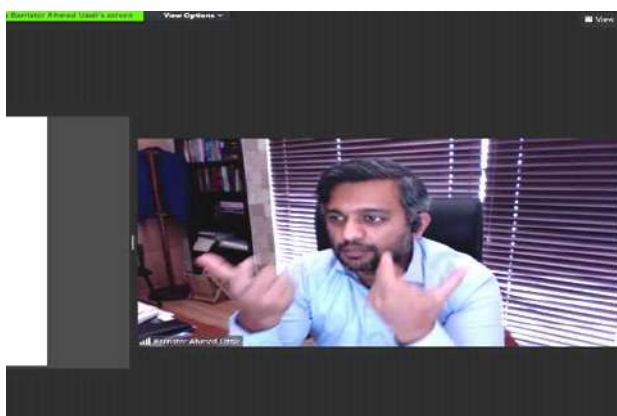
A Case Study Session of Four Inspirational Entrepreneurs

An online case study session on four inspirational Pakistani entrepreneurs was conducted with startups of Cohort-5 on May 4, 2021. The session was delivered by Saima Rana, specialist in creative and art industries.



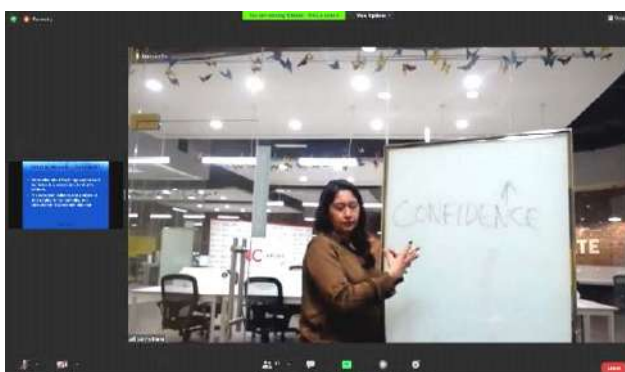
Session on Entrepreneurship Development Agreements

An online session on Entrepreneurship Development Agreements (EDA) was conducted with startups of NIC Quetta Cohort-5 on May 5, 2021. Session was delivered by Barrister Ahmed Uzair, an expert in corporate advisory and intellectual property rights.



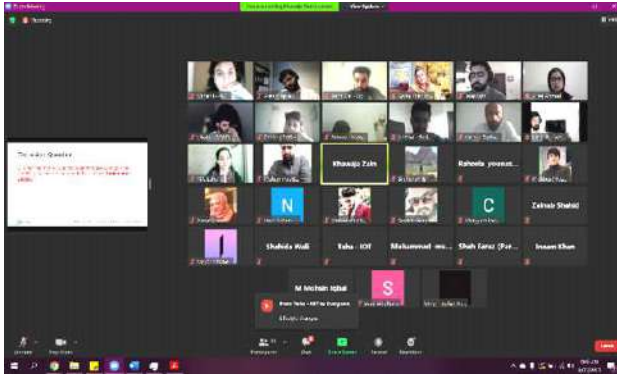
Marketing Research Module

A 3-day training on Marketing Research was conducted for startups of NIC Quetta Cohort-5 from May 27-29, 2021. The sessions were delivered by Saima Rana, specialist in creative and art industries, and Sadia Bukhari, Managing Director of Market Bridge.



Marketing, Branding & Sales Module

A week-long module on Marketing, Branding and Sales was conducted for startups of NIC Quetta Cohort-5 from June 01-11, 2021. The sessions were delivered by Dr. Zain Khuwaja, Assistant Professor for social media, Digital and Integrated Marketing Communication in LUMS.



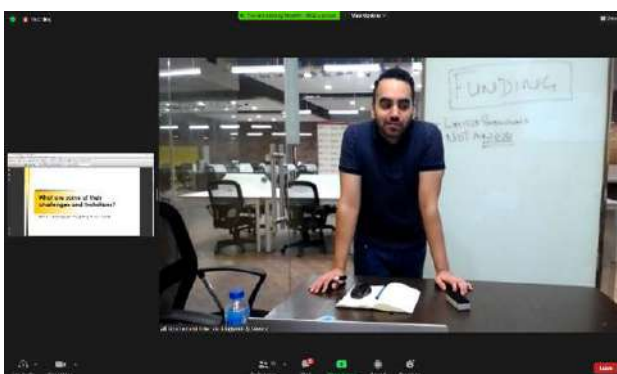
Company and Business Law Module

NIC Quetta Cohort-5 attended a module on Company and Business Law from June 09-19, 2021. The sessions were delivered by Barrister Ahmed Uzair, Meher Saleem, and Rai Saleh Azam.



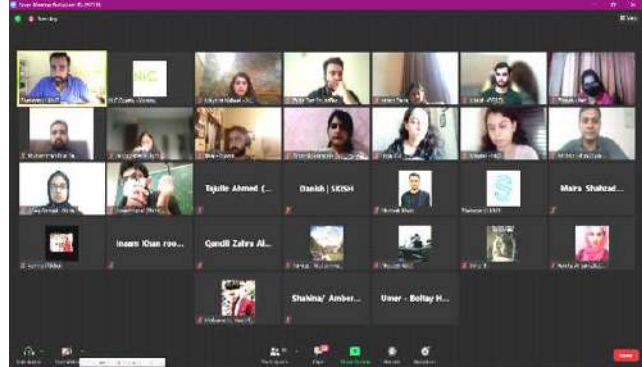
A Case Study Session on Investing in Pakistan's Creative Future

An online case study session on Investing in Pakistan's Creative Future was conducted for startups of NIC Quetta Cohort-5 on June 16, 2021. The session was delivered by Amanullah Khalid, a market research consultant and insights specialist.



A Case Study Session on GharPar - The Ultimate Convenient Beauty Salon

An online session on Investing in Pakistan's Creative Future study was conducted for startups of NIC Quetta Cohort-5 on June 16, 2021. The session was delivered by Dr. Shehryar Shahid, an Associate Professor of Entrepreneurship & Innovation at LUMS.



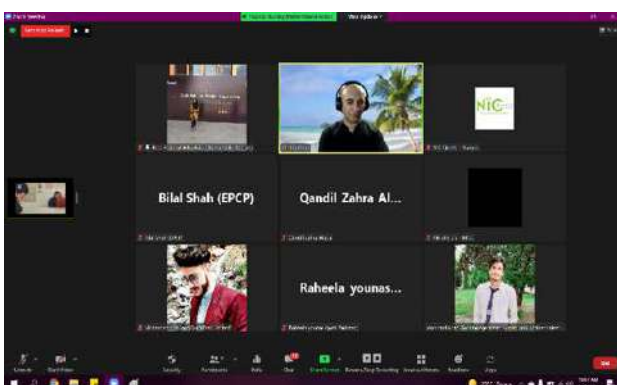
Accounting and Finance Module

A module on accounting and finance was delivered to the startups of NIC Quetta Cohort-5 from June 21-July 09, 2021. The online sessions were delivered by Dr. Aun Raza Rizvi, Associate Professors of Finance in LUMS, and Dr. Omair Haroon, Assistant Professor of Finance in LUMS.



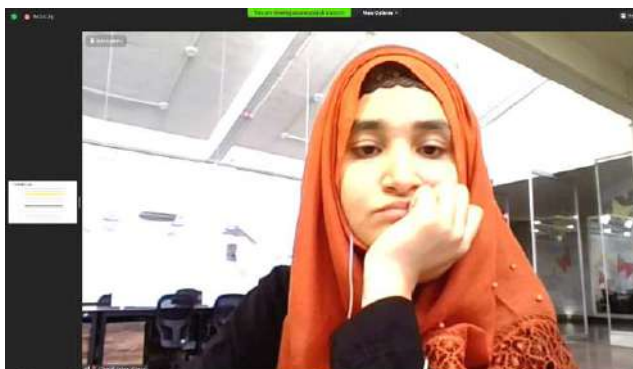
Design Thinking Module - Harnessing the Ecosystem to Grow

As part of the Design Thinking Module, online sessions on “Harnessing the Ecosystem to Grow” were organized for startups of NIC Quetta Cohort-5 from July 26-August 7, 2021. The sessions were delivered by Mr. Shahid Khan, Sr. Director, SAP, California, USA.



Strategy & Business Modelling Module – Session on Data Analytics

As part of the Strategy and Business Modelling Module, an online session on “Data Analytics” was organized for startups of NIC Quetta Cohort-5 on July 26, 2021. The session was delivered by Dr. Ussama Yaqoob, Professor of Business Intelligence and Data Warehousing in LUMS.



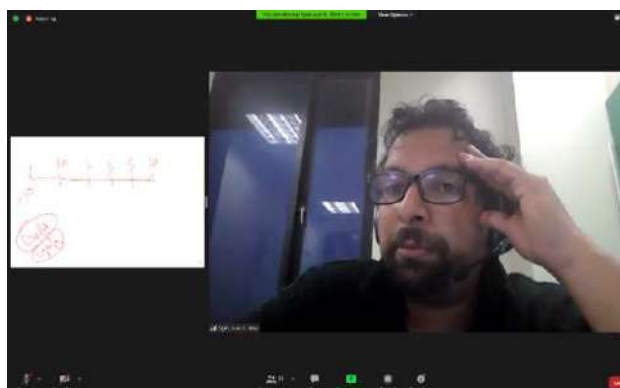
Review Session on Business Modeling Deliverables

An interactive session on review of Strategy and Business Modeling deliverables was conducted for startup of NIC Quetta Cohort-5 on July 27, 2021. The session was conducted by Dr. Adnan Zahid, Assistant Professor at Suleman Dawood School of Business (SDSB) LUMS.



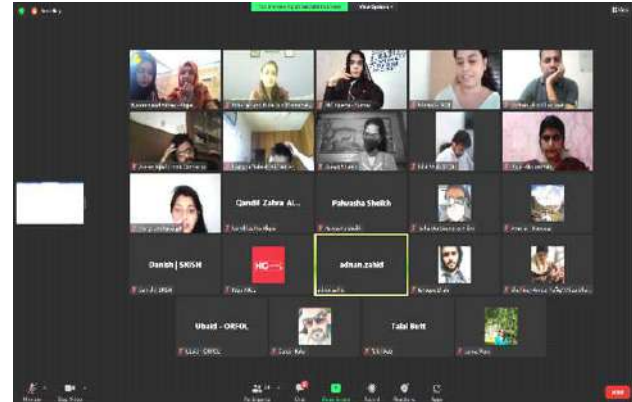
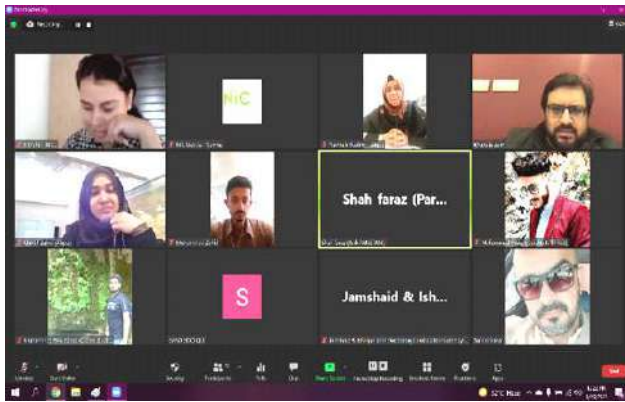
Review Session of Startups Financial Modelling

An online session on review of Accounting and Finance deliverables was conducted on July 28, 2021. The session was delivered by Dr. Omair Haroon, Assistant Professor of Finance in LUMS.



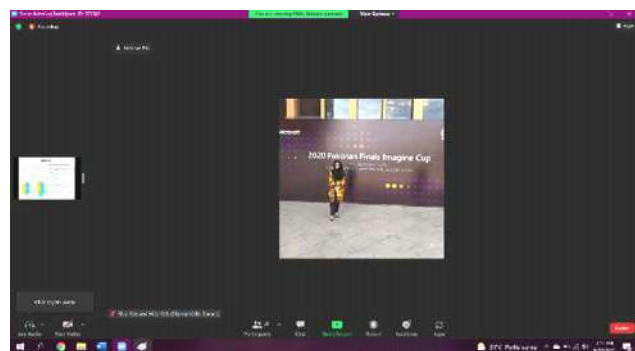
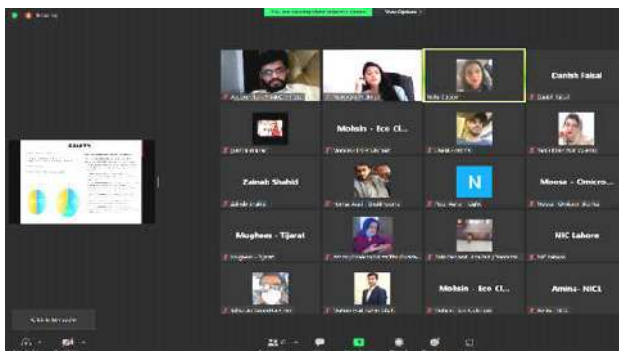
Communications and Personal Effectiveness Module

A three-day online session on Communication and Personal Effectiveness were conducted for startups of NIC Quetta Cohort-5 from August 10-12, 2021. These sessions were delivered by Dr. Adnan Zahid, Assistant Professor at LUMS, and Dr. Zain Khawaja, Assistant Professor in LUMS.



Session on Investment Instruments

An online session on Investment Summit was delivered on August 20, 2021. The session was delivered by Mehr Saleem, founding partner of Saleem, Alam & Co



Session on Understanding Investors Perspective

An online session on Understanding Investors Perspective was conducted for NIC Quetta Cohort-5 on August 24, 2021. This session was delivered by Badar Khoshnood, Co-founder fishry.com, and Usman Javaid, Co-Founder and CEO of Ricult Inc, a US based firm.



Investors' Summit for Cohort-5 Startups of NIC Quetta

A digital Investors' Summit was organized for the graduated startups of NIC Quetta Cohort-5 on August 29, 2021. Startups pitched their businesses to renowned investors around Pakistan.



Outreach Campaign For NIC Quetta Cohort-6 Induction

NIC Quetta launched call for applications for its Cohort-6 induction. In addition to the social media outreach campaign, NIC Quetta organized in-person sessions in various educational institutions across Balochistan. A total of 12 outreach sessions/seminars were conducted at different institutions. Each session included a presentation on “Entrepreneurship”, talk on "Business Today" and “NIC Quetta Incubation Program” followed by Q/A session. Following are the glimpses of some sessions:

Alhamd Islamic University - AIU Quetta

NIC Quetta conducted an outreach session at Alhamd Islamic University-AIU on August 03, 2021.



BUIITEMS Faculty of Information & Communication Technology

NIC Quetta conducted an outreach session at BUIITEMS Faculty of Information & Communication Technology on August 04, 2021.



Balochistan University of Engineering and Technology (BUET), Khuzdar

NIC Quetta conducted an outreach session at Balochistan University of Engineering and Technology (BUET), Khuzdar on August 05, 2021.



BUIITEMS Faculty of Life Sciences & Informatics

NIC Quetta conducted an outreach session at BUIITEMS Faculty of Biotechnology & Informatics on August 09, 2021.



University of Balochistan – UoB Quetta

NIC Quetta conducted an outreach session at University of Balochistan on August 12, 2021.



BUIITEMS Department of Chemistry & Physics

NIC Quetta conducted an outreach session BUIITEMS Department of Chemistry & Physics on August 12, 2021.



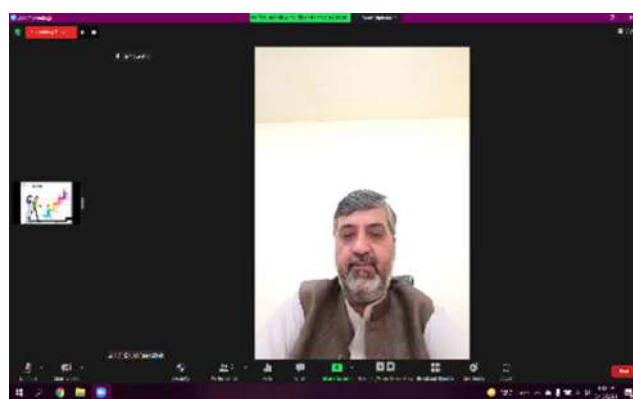
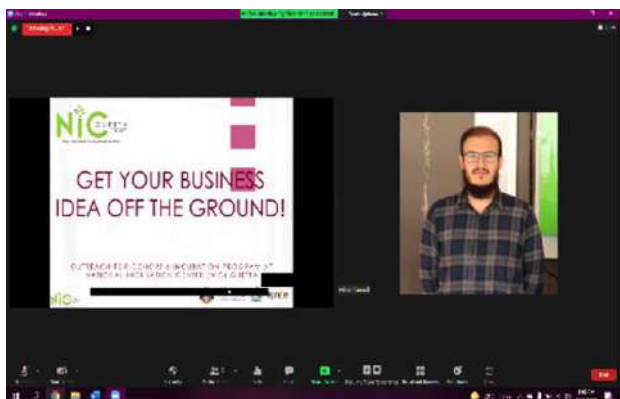
BUIITEMS Faculty of Management Sciences

NIC Quetta conducted an outreach session with BUIITEMS Faculty of Management Sciences on August 13, 2021.



Balochistan University of Engineering and Technology (BUET), Khuzdar

NIC Quetta conducted an outreach session with students and graduates of Balochistan University of Engineering and Technology (BUET), Khuzdar on August 16, 2021.



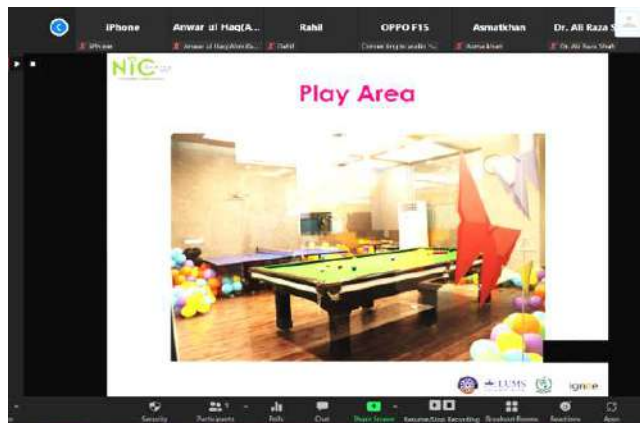
Bolan Medical College, Quetta

NIC Quetta conducted an outreach session at Bolan Medical College, Quetta on August 26, 2021.



University College of Zhob, BUIITEMS

NIC Quetta conducted an outreach session at University College of Zhob, BUIITEMS on August 27, 2021.



University of Loralai

NIC Quetta conducted an outreach session at University of Loralai on August 27, 2021



Preliminary Screening Interviews for Cohort-6 Induction

Preliminary screening interviews for Cohort-6 induction of NIC Quetta were conducted in the first week of September 2021. The most viable and innovative business ideas and teams were shortlisted for final pitching at the Foundation Council



Pitch Preparation Session

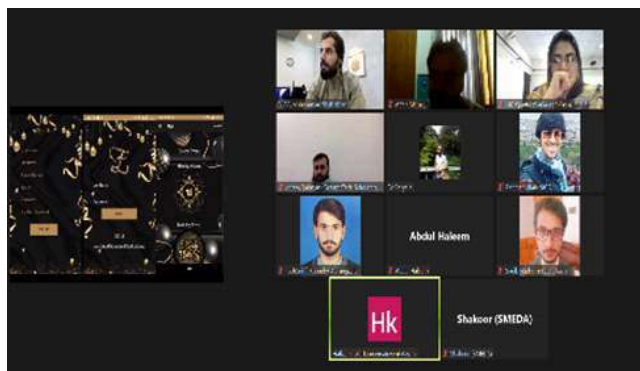
Before pitching to the Foundation Council, NIC Quetta arranged a pre-pitch session on September 07, 2021 for all the shortlisted applicants of Cohort-6. Team NIC Quetta, along with other mentors, engaged with all startups and guided them on each step of their ultimate pitch preparation process



Foundation Council for Induction of Cohort-6

Foundation Council (FC) for the induction of Cohort-6 was held digitally through Zoom from September 08-09, 2021. Startups pitched their business ideas via Zoom to the honorable judges. Following judges participated in Foundation Council:

- | | |
|-------------------------|-------------------------|
| 1. Dr. Mehmood Baryalai | 2. Mr. Shakoor Ahmed |
| 3. Ms. Saima Rana | 4. Mr. Aftab Alam |
| 5. Mr. Abdul Haleem | 6. Mr. Anees Ur Rehman |
| 7. Dr. Anayatullah | 8. Mr. Naveed Sherwani |
| 9. Ms. Zartaj Ahmed | 10. Ms. Saman Bakhtawar |
| 11. Mr. Atta Shah | |



The FC selected the following startups for Cohort-6:

- | | |
|--------------------------------------------------------------|------------------------|
| 1. Fairytale | 2. Ba-Bike |
| 3. Smart Soap | 4. Green Fashion Store |
| 5. El Primos Event Management | 6. Artifeds |
| 7. Shafayeen | 8. Nutriweeds |
| 9. Shabeeb Majeed | 10. Foodatory |
| 11. Stock Market Consultancy | 12. Bana Do |
| 13. Stiching | 14. Blisswear |
| 15. TECHUNT | 16. Ashibrands |
| 17. Hello Saware | 18. Nida Kibzai |
| 19. BCI Based Smart Keyboard Using Neurosky Mindwave Headset | 21. Software House |
| 20. Handy | 23. Mirror |
| 22. Taj Trout Fish Farm (Ttff) | |

Orientation Session of Cohort-6

Orientation session of Cohort-6 was held on September 14, 2021, digitally. After a round of introductions, a detailed presentation on curriculum of NIC Quetta and other relevant information were shared with the selected startups.



Trainings And Workshops (COHORT-6)

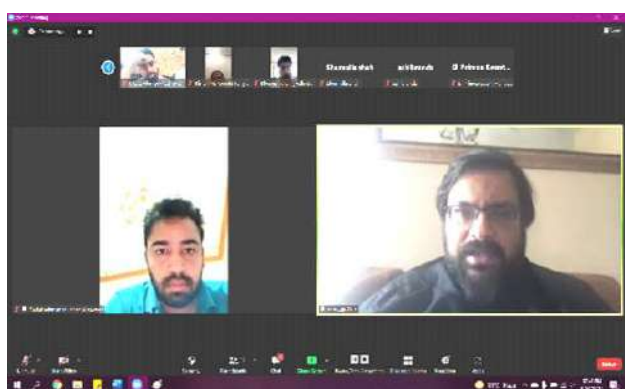
Company and Business Law Module

A module on Business Law was arranged for the startups of NIC Quetta Cohort-6. Six online sessions on Business Law were delivered in the months of September, October, and November 2021 by Sahibzadi Mahnoor, Meher Saleem, Rai Saleh Azam, and Ahmed Uzair



Marketing, Branding & Sales Module

A module on Marketing, Branding and Sales was delivered to the startups of NIC Quetta Cohort-6. Six online sessions on Zoom were delivered in the month of September, and November 2021, by Dr. Zain Khuwaja, Assistant Professor for Social Media, Digital and Integrated Marketing Communication at LUMS.



Communications and Personal Effectiveness Module

A module on communication and personal effectiveness was arranged for startups of NIC Quetta Cohort-6. Ten online sessions in this module were delivered online in the months of September, and November 2021, by Dr. Atif Rahim Khan and Dr. Aamna Khalid, Assistant Professors at LUMS.



Accounting and Finance Module

A module on accounting and finance was conducted for startups of NIC Quetta Cohort-6. The seven online sessions were delivered in the months of September, and November 2021, by Dr. Aun Raza Rizvi, Associate Professors of Finance in LUMS, and Dr. Omair Haroon, Assistant Professor of Finance in LUMS



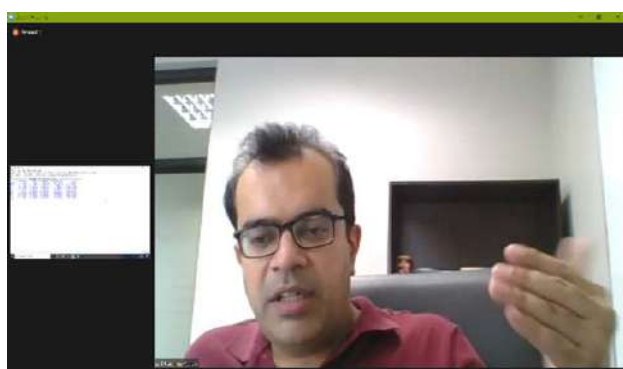
Guest Speaker Session with Dr. Quratulain Bakhtiari

NIC Quetta cohort-6 attended a session with Dr. Quratulain Bakhteari at the facility on “How Enterprises can Create an Impact” on October 01, 2021. The session was delivered by Dr. Quratulain Bakhtiari, a Pakistani social entrepreneur known for founding the Institute for Development Studies and Practices (IDSP).



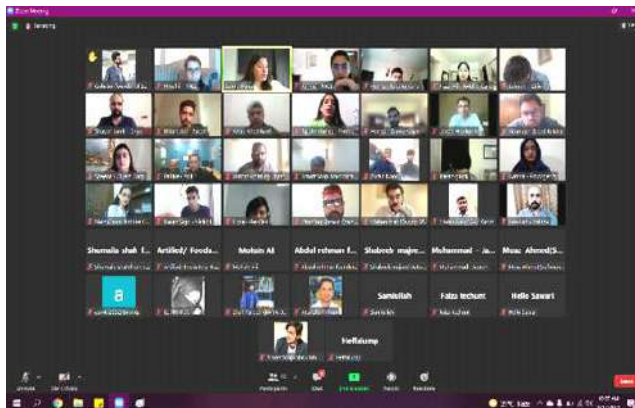
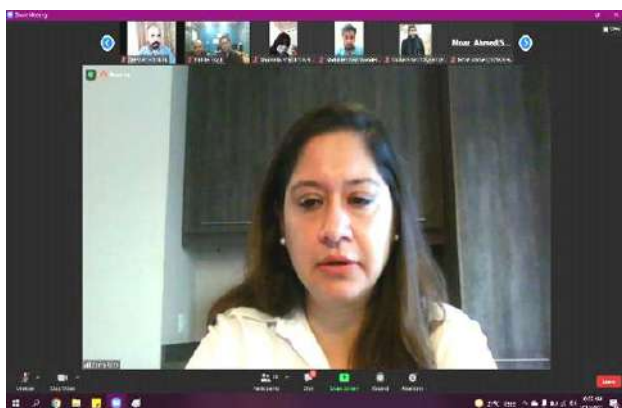
Strategy & Business Modelling Module

A module on Strategy and Business Modelling was conducted for startups of NIC Quetta Cohort-6. Eight online training sessions were delivered in the months of October and November 2021, by Dr. Adnan Zahid, Assistant Professor at LUMS and Dr. Ussama Yaqoob, Professor of Business Intelligence and Data Warehousing in LUMS



Case Study Session on Hunting the Heffalump

NIC Quetta Cohort-6 attended a Case study session on Hunting the Heffalump on September 17, 2021. The session was delivered by Saima Rana, specialist in creative and art industries



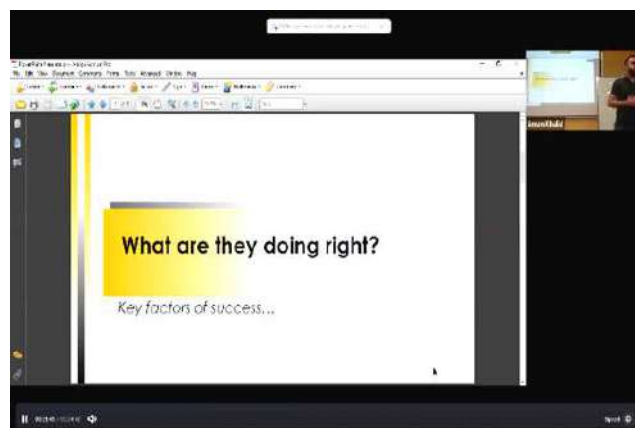
Session on Leadership – A Self Reflection Approach

NIC Quetta conducted an interactive session on “Leadership - A Self Reflection Approach” at the facility with startups of Cohort-6 on October 07, 2021. The session was delivered by Mr. Muhammad Shah Khan, Director NIC Quetta



Case Study Session on Olomopolo Media

A Case study on Olomopolo Media was arranged for startups of NIC Quetta Cohort-6 on October 08, 2021. The session was delivered by Mr. Amanullah Khalid, a market research consultant, and insights specialist



Case Study Session on Rent the Runway

A Case study on Rent the Runway was arranged for startups of NIC Quetta Cohort-6 on October 20, 2021. The session was delivered by Dr. Shehryar Shahid, an Associate Professor of Entrepreneurship & Innovation at LUMS.



Awareness Session on SME Grants

NIC Quetta conducted an awareness session on SME Grants in collaboration with Small and Medium Enterprise Development Authority (SMEDA) on October 22, 2021. The session was delivered by Mr. Shakoor Ahmed, Provincial Chief SMEDA



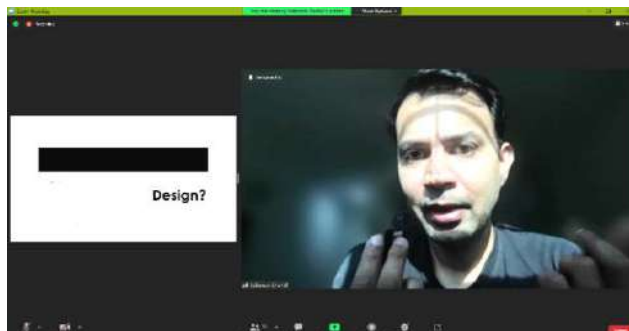
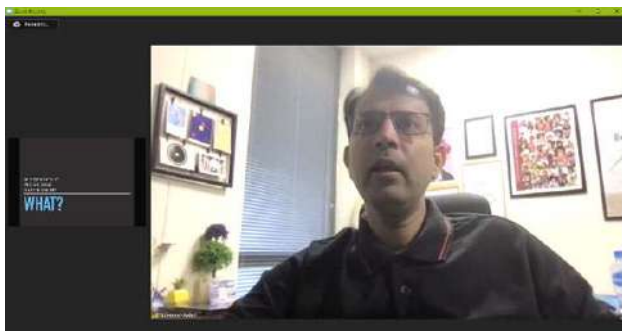
State Bank of Pakistan SME Clinic

NIC Quetta in collaboration with State Bank of Pakistan (SBP) arranged a one-day SME Clinic on November 8, 2021, at the facility. The Clinic was aimed at creating awareness regarding products and services being offered by various commercial and Islamic banks to address startups' financial needs



Design Thinking Module

A week-long module on Design Thinking was organized for the startups of NIC Quetta Cohort-6 from November 16-23, 2021. The sessions were delivered by Dr. Suleman Shahid, Assistant Professor at LUMS



Outreach Campaign For NIC Quetta Cohort-7 Induction

NIC Quetta launched call for applications for its Cohort-7 induction. In addition to the social media outreach campaign, NIC Quetta organized in-person sessions in various educational institutions across Balochistan. A total of 09 outreach sessions/seminars were conducted at different institutions. Each session included a presentation on “Entrepreneurship”, talk on "Business Today" and “NIC Quetta Incubation Program” followed by Q/A session. Following are the glimpses of some sessions:

BUIITEMS Faculty of Information & Communication Technology

NIC Quetta conducted an outreach session at BUIITEMS Faculty of Information & Communication Technology on September 24, 2021



BUIITEMS Faculty of Management Sciences

NIC Quetta conducted an outreach session with BUIITEMS Faculty of Management Sciences on September 30, 2021.



BUIITEMS Department of Software Engineering

NIC Quetta conducted an outreach session with BUIITEMS Department of Software Engineering on October 01, 2021.



BUIITEMS Department of Computer Sciences

NIC Quetta conducted an outreach session with BUIITEMS Department of Computer Science on October 05, 2021.



BUIITEMS Department of Computer Engineering

NIC Quetta conducted an outreach session with BUIITEMS Department of Computer Engineering on October 06, 2021



BUIITEMS Department of Information Technology

NIC Quetta conducted an outreach session with BUIITEMS Department of Information Technology on October 10, 2021.



BUIITEMS Undergraduate Research Colloquium

NIC Quetta team visited BUIITEMS Undergraduate Research Colloquium on October 26, 2021, to hunt the potential entrepreneurs for incubation program.



Alhamd Islamic University - AIU Quetta

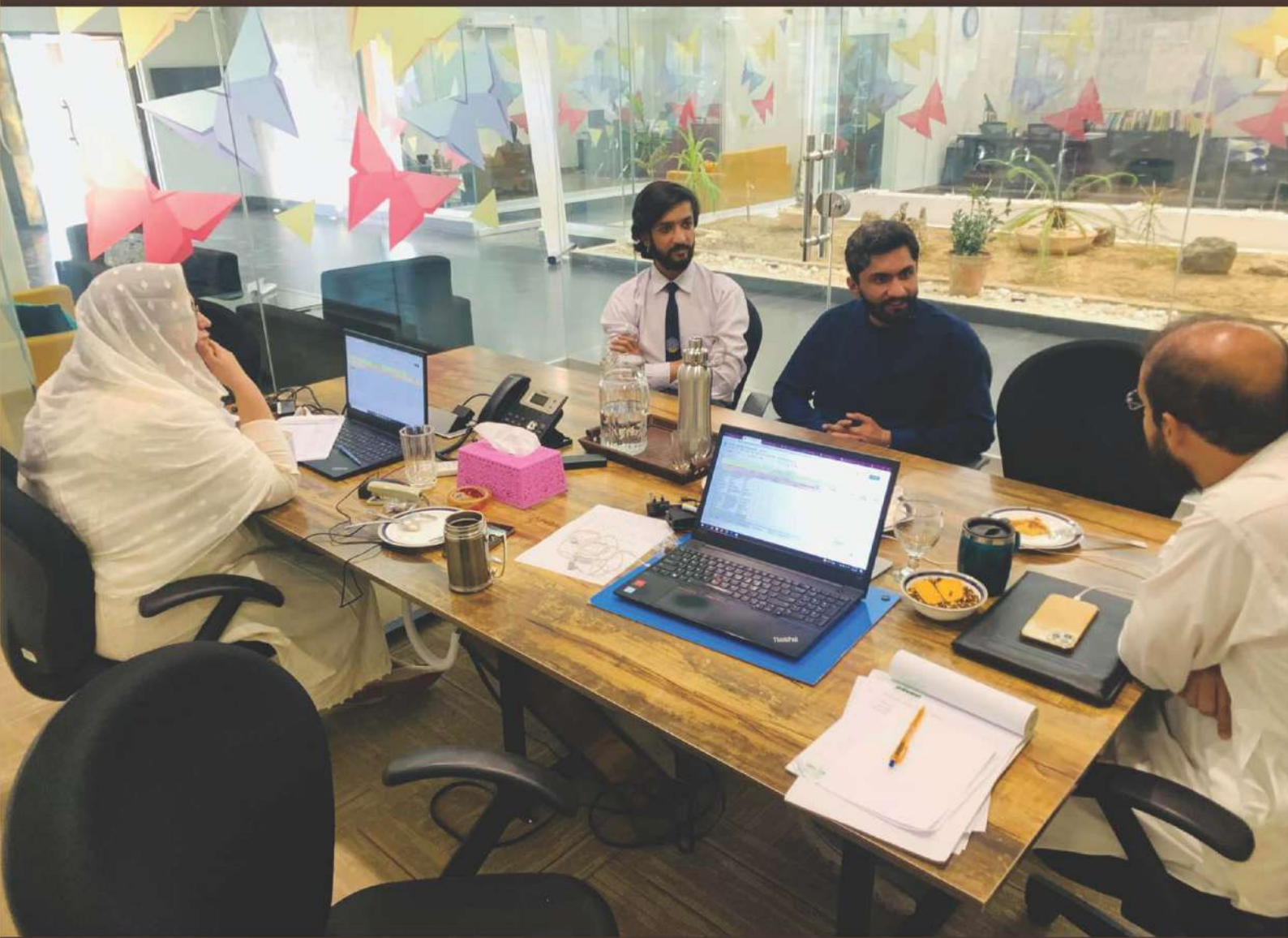
NIC Quetta conducted an outreach session at Alhamd Islamic University-AIU on November 12, 2021



National University of Modern Languages - NUML

NIC Quetta conducted an outreach session with students of National University of Modern Languages - NUML on November 17, 2021 at NUML Quetta campus







NIC Quetta
Achievements
& Partnered
Events

The background image shows a modern office interior. A large wall display features the NIC Quetta logo, which includes the text 'NIC QUETTA' and 'From innovation to impact and beyond'. The display is surrounded by various partner logos, including Ignite, LIMS, and others. The office has glass walls, a wooden walkway, and indoor plants.

NIC Program Declared Worldwide Champion at WSIS

The International Telecommunication Union (ITU) declared National Incubation Center (NIC) Program as an international champion at the World Summit on the Information Society (WSIS) Prizes 2021.



ITC GRASP declared NIC Quetta Top-Notch Institution for Entrepreneurship Training

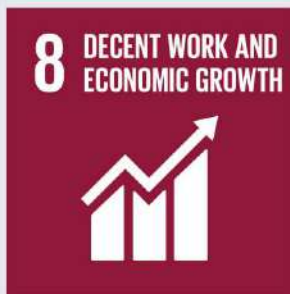
The International Telecommunication Union (ITU) declared National Incubation Center (NIC) Program as an international champion at the World Summit on the Information Society (WSIS) Prizes 2021.



UNAI Declared BUIITEMS as Hub of SDG 8 - Decent Work and Economic Growth

United Nations Academic Impact (UNAI) declared BUIITEMS as Hub of SDG 8 - Decent Work and Economic Growth for another 3 years (2021-2024), thanks to NIC Quetta's impactful interventions in generating economic activity and employment opportunities for the youth of this region

United Nations Academic Impact Hub for SDG 8



UNITED NATIONS
academic
impact

Sharing
a Culture
of Intellectual
Social
Responsibility

In recognition of the research, innovation and scholarship undertaken in support of this SDG, United Nations Academic Impact welcomes

Balochistan University of Information Technology, Engineering, and Management Sciences, Pakistan

as its hub for Sustainable Development Goal 8 for 2021-2024.

Ramu Damodaran
Chief, United Nations Academic Impact
Department of Global Communications
United Nations



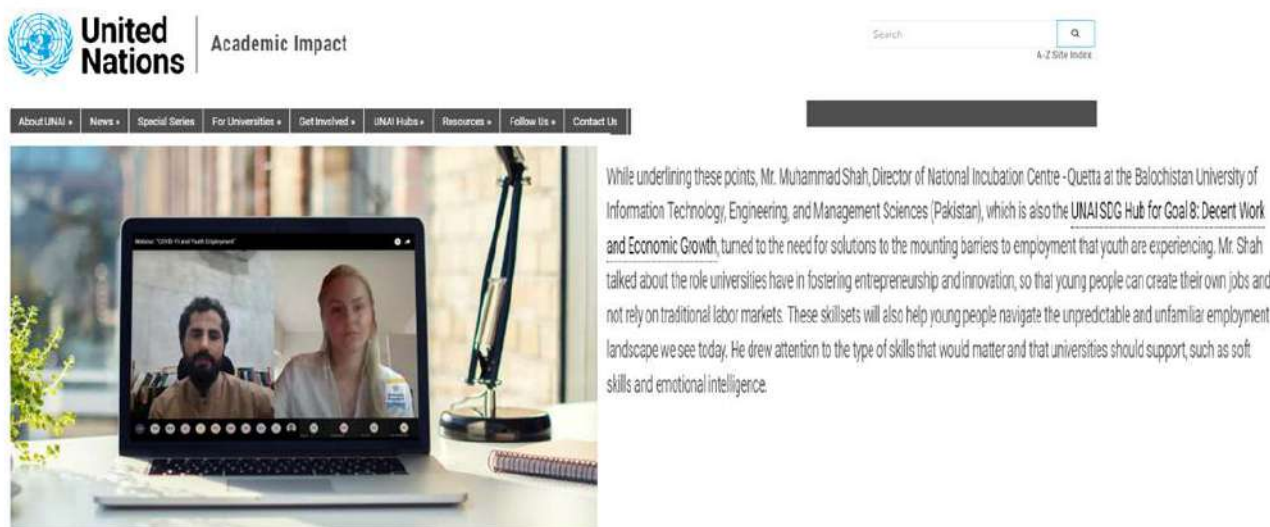
NIC Quetta Featured on the UNAI Website

An article by Mr. Muhammad Shah Khan, Director NIC Quetta, “From Innovation to Impact and Beyond – Producing the Job-Creators of Tomorrow” alongside a snapshot of NIC Quetta startups was featured on the United Nations Academic Impact (UNAI) official website under the theme “Developing Youth Skills for the Future: A Vision from Pakistan.”



NIC Quetta in UNAI Digital Dialogue Series: COVID-19 and Youth Employment

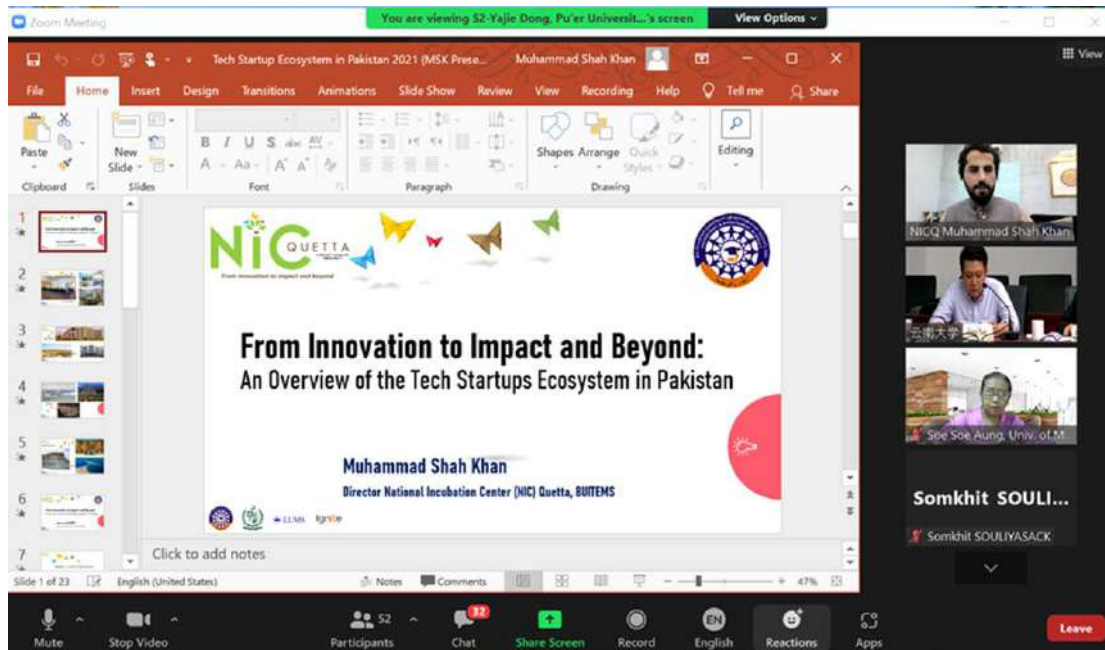
United Nations Academic Impact (UNAI) hosted a webinar in its Digital Dialogues Series entitled “COVID-19 and Youth Employment.” on June 24, 2021. Mr. Muhammad Shah Khan, Director NIC Quetta was a speaker in this webinar. He talked about the role universities have in fostering entrepreneurship and innovation, so that young people can create their own jobs and not rely on traditional labor markets.



UNAI Digital Dialogue Series: COVID-19 and Youth Employment

NIC Quetta in South & South-East Asia Innovation Conference 2021

NIC Quetta becomes part of South & South-East Asia Innovation Conference 2021 with a keynote speech by Director NIC Quetta, Muhammad Shah Khan on “An Overview of the Tech Startups Ecosystem in Pakistan.”



Built by Her Coding Hackathon 2021

NIC Quetta partnered as Ecosystem Partner with NIC Karachi for Built by Her Coding Hackathon 2021.



NIC Quetta Among Top 5 Incubators in Pakistan

HEC Declared NIC Quetta, BUIITEMS amongst the Top 5 incubators in Pakistan.



South & Southeast Asian UN Sub Committee of Innovation & Entrepreneurship

NIC Quetta became a member of South & Southeast Asian UN Sub Committee of Innovation & Entrepreneurship



NIC Quetta as Member of Silk Road High Tech Park Association (SRHPA)

NIC Quetta attended Silk Road High Tech Park Association (SRHPA) Forum as member in the 6th Forum of SRHPA on October 28, 2021



NIC Quetta Startup Shines at Gitex Global 2021, Dubai

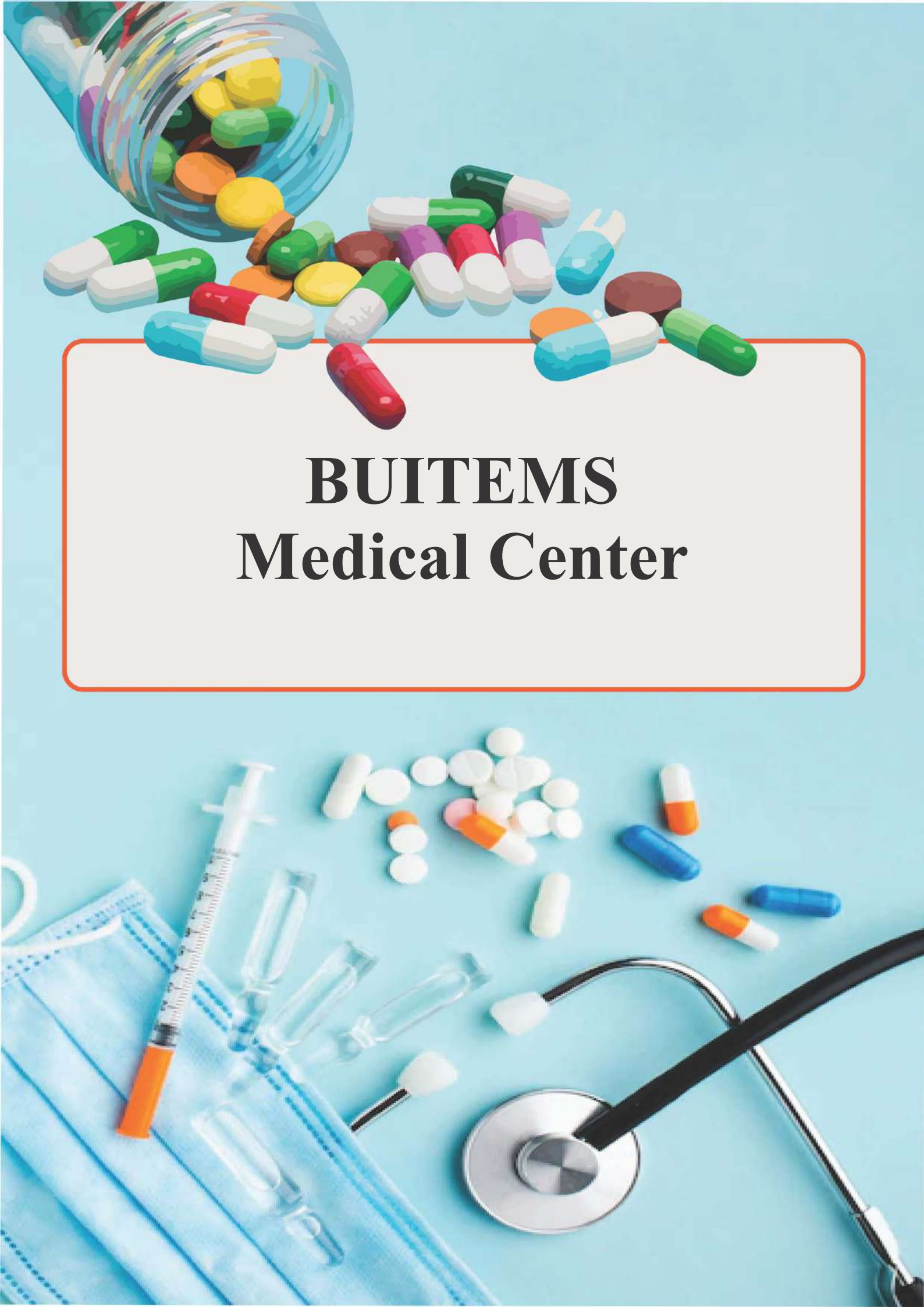
Ali Gul, founder Gul Technology Pvt. Ltd. and graduate of NIC Quetta Cohort 1, attended the Gulf Information Technology Exhibition (GITEX) Global 2021 from October 15-21, 2021 in Dubai. It was of the World's Largest Enterprise & Government Technology event



NIC Quetta Startup “Serow Automobiles” Won SDG Challenge Cup 2021

NIC Quetta's star startup "Serow Automobiles" won the UNDP's SDG Challenge Cup 2021.





BUIITEMS
Medical Center



Introduction

BUIITEMS has strived to provide extensive facilities to its students, and the medical center is a step toward for that purpose. The Medical center provides health facilities to students and staff members. The medical team includes two medical officers, two male nurses and a male nursing Assistant Laboratory Attendant, and two ward boys. The establishment of the medical center at Takatu campus is a significant feature of progress, with two wards and two emergency stations to handle emergencies.

Total Number of Patients during 2021

BUIITEMS has strived to provide extensive facilities to its students, and the medical center is a step toward for that purpose. The Medical center provides health facilities to students and staff members. The medical team includes two medical officers, two male nurses and a male nursing Assistant Laboratory Attendant, and two ward boys. The establishment of the medical center at Takatu campus is a significant feature of progress, with two wards and two emergency stations to handle emergencies.

Campus	Children	Male	Female	Total
Takatu Campus	575	1380	285	2240
City Campus	48	520	107	675
Total	623	1900	392	2915

Activities:

The BUIITEMS medical center has taken two hospitals on the panel for tertiary care of its staff and family. Following is the referral patient data for the tertiary care during 2021.

General OPD	Gynae OPD	Surgery	Normal Delory	Laboratory	Total
220	195	15	10	95	535



COVID-19 Screening & Vaccine

The following table represents the statistics during covid-19 pandemic, of Screening & vaccines For the staff and the students

Total vaccines	Total tests
220	195

Medicines

The center also provides the basic and essential medicines to all its patients.

Laboratory Facilities

Free minor tests such as Blood glucose, Blood Group, and HbsAg, are conducted within the medical center.

Emergency Services

BUIITEMS Medical center also provides emergency services to students and employees. In case of injuries, qualified staff members provide first aid and dressing facilities, staff members also do a follow-up in tertiary care and provide ambulance services.

Role of BUIITEMS Medical Center During Covid-19

In early 2020 Covid-19 Pandemic hit the world. Even for those who have followed this public health crisis from its earliest days, very little information of the disease was available. From the very beginning, this has been a perplexing and challenging medical mystery, presenting far more questions than answers.

Fortunately, at BUIITEMS, the Medical Center led by Dr. Srichand on May 27 2021, made significant progress in understanding the disease and developed guidelines to combat it and helped patients suffering from it. BUIITEMS, through its medical center and vital support of the Directorate of Administration & General Services, regulates the safety, effectiveness, and quality of all medical products - drugs, vaccines, and medical devices. Since the pandemic's beginning, Dr. Srichand and his team have been immersed in providing essential regulatory advice, guidance, and technical assistance. Dr. Srichand created awareness regarding Covid- 19 and its safety protocols at BUIITEMS and enforced it at all campuses with the help of the Directorate of Admin &GS.

As we move forward, we know that the pandemic continues to evolve, and the health care community must continue to deliver high-quality care to all patients. Dr. Srichand performed significantly at a high level and trained its staff to conduct the COVID-19 test at BUIITEMS. After conducting tests on all BUIITEMS employees, they started vaccination at their facility.

The following data shows the progress and tireless efforts of Dr. Srichand and his team during the whole COVID-19 period.

Covid-19 Tests					
Date	Total Test	Staff	Faculty	Students	Positive
1-12-2020 to 5-7-2021	1200	600	300	300	170

Covid-19 Vaccination			
Date	Total	Male	Female
1-12-2020 to 5-7-2021	351	295	56





17th Convocation





The 17th Convocation

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 on January 15, 2022, at Arfa Kareem Expo Center, Takatu Campus BUIITEMS. The ceremony started with entering the academic procession into the convocation hall. The chief guests, Governor & Chancellor BUIITEMS, Syed Zahoor Ahmed Agha, Vice-Chancellor, Ahmed Farooq Bazai, Pro Vice-Chancellor, 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 a 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 Ph.D., MS, MBA, and BS graduands to the Vice-Chancellor by the Pro VC Dr. Abdul Rehman Khan.

The high achiever and outstanding graduates were 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.

Our tradition is to bow our heads in front of Allah to express our gratitude 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 the 16th Convocation) graduates were awarded degrees in different degree programs. BUIITEMS family wished an incredible life journey filled with success and learning to the graduates. The graduation ceremony ended with a joy that is sure to inspire the students to achieve great heights.



Award of Badges of Honor

Through the award of Badges of Honor to our graduates we concede their work and outstanding accomplishments which are hard earned over a lifetime of passionate commitment to the highest standards in scholarship within their field of study.



Syed Moez Ullah
3.60
Spring-2019
MS (Biotechnology)



Kalsoom Raza
3.21
Fall-2016
B (Architecture)



Mati Ullah Khan
3.56
Spring-2017
BS (Chemistry)



Shahid Hussain
3.26
Fall-2017
BS (Geological Engineering)



Award of Gold Medals

Academic excellence is the cornerstone of a university. We take pride in our Gold Medalist graduates, who were willing to strive for the best, rather than settle for average performances. Indeed, the students that we are honoring here have not accepted to be second best in their study program.



Saira Yasmeen

3.97
Spring-2019
MS (Physics)



Mahnoor Zaheer

3.87
Spring-2019
MS (Information Technology)



Madiha

3.94
Spring-2019
MS (Mathematics)



Marium Malik

3.87
Spring-2018
MS (Biotechnology)



Rozi Khan

3.94
Spring-2019
MS (Computer Science)



Ghania Wasif

3.97
Spring-2017
MS (Microbiology)



Halima

3.90
Spring-2017
MS (Telecommunication Engineering)



Aroosa Yasmeen

3.90
Spring-2018
MBA (Banking & Finance)



Marriam Shafi

3.87
Spring-2017
MS (Electronic Engineering)



Farheen Fatima Tariq

3.87
Spring-2019
MBA (Evening 2 Year)



Umair Ahmed

3.78
Spring-2018
MS (Electronic Engineering)



Tanzeel Khan

3.87
Spring-2018
MS (Environmental Management & Policy)



Zainab Nazir

3.91
Spring-2019
MS (English Language & Literature)



Ahmed Shah

3.91
Spring-2018
MS (Mining Engineering)



Maha Hazara

3.98

Fall-2017

BS (Biotechnology)



Syeda Noor Ul Ain Fatima

3.95

Fall-2017

BS (Mass Communication)



Qandil Zahra

3.71

Spring-2017

BS (Microbiology)



Manzoor Ahmed

3.97

Fall-2017

BS (Psychology)



Sanam Malali Tajik

3.87

Fall-2017

BS (Microbiology)



Rida Batool

3.91

Fall-2017

B (Fine Arts)



Aiman Zafar

3.99

Spring-2017

BS (Environmental Science)



Mohib Ullah

3.91

Fall-2017

BS (English Language & Literature)



Khair Khatoun

3.79

Fall-2017

BS (Environmental Science)



Syed Muhammad Mohsin

3.74

Fall-2017

BS (Education)



Asal Khan

3.77

Fall-2017

BS (Economics)



Taiba Siddiqui

3.86

Fall-2017

BS (Mathematics)



Farzana

3.85

Fall-2017

BS (Sociology)



Munawar Ahmed Kasi

3.98

Fall-2017

BS (Physics)



Danish Hussain

3.88

Fall-2017

BS (International Relations)



Abdul Naseer

3.77

Fall-2017

BS (Chemistry)



Tehreem Irfan

3.87

Fall-2017

BS (Telecommunication Engineering)



Ali Waqas

3.99

Fall-2017

BS (Civil Engineering)



Haider Ali

3.92

Fall-2017

BS (Software Engineering)



Zawar Ali

3.86

Fall-2017

BS (Textile Engineering)



Muhammad Rafi Faisal

4.00

Fall-2017

BS (Electronic Engineering)



Rizwan Ashraf

3.93

Fall-2017

BS (Petroleum & Gas Engineering)



Waleed Ahmed

3.77

Fall-2017

BS (Computer Engineering)



Muhammad Yaqoob

3.82

Fall-2017

BS (Mining Engineering)



Masooma Sadaf

3.98

Fall-2017

BS(Electrical Engineering)



Abdullah Nawaz Khan

3.91

Fall-2017

BS (Mechanical Engineering)



Adnan Aslam

3.80

Fall-2017

BS (Information Technology)



Jonathan Fazal Ellahi

3.90

Fall-2017

BS (Business Administration)



Rabia

3.91

Fall-2017

BS (Computer Science)

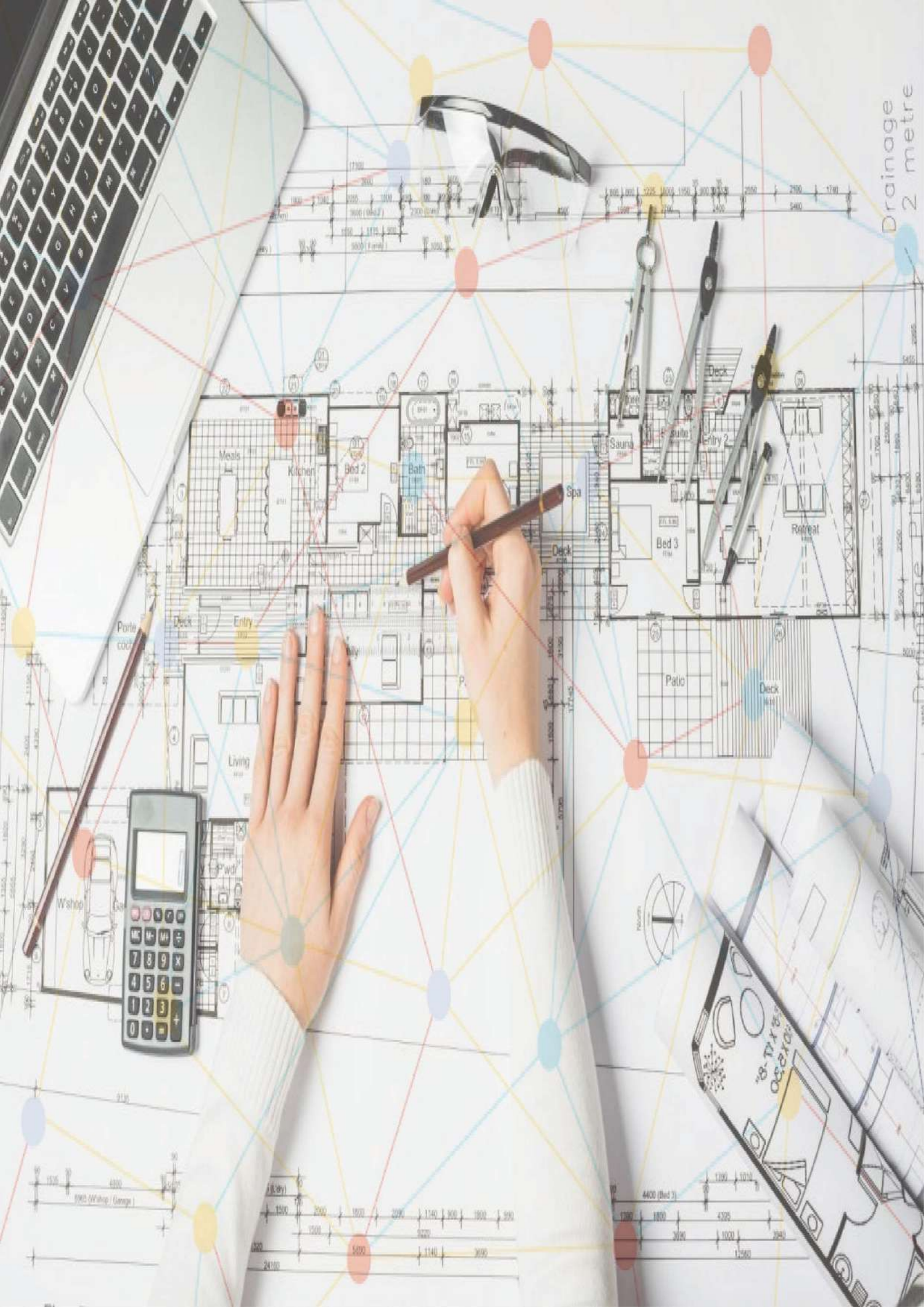


Muhammad Saeed Khan

3.92

Fall-2017

BS (Chemical Engineering)



Drainage
2 metre

Porte
coul.

Patio

Deck

Living

Meals

Kitchen

Bed 2

Bath

Spa

Sauna

Entry 2

Bed 3

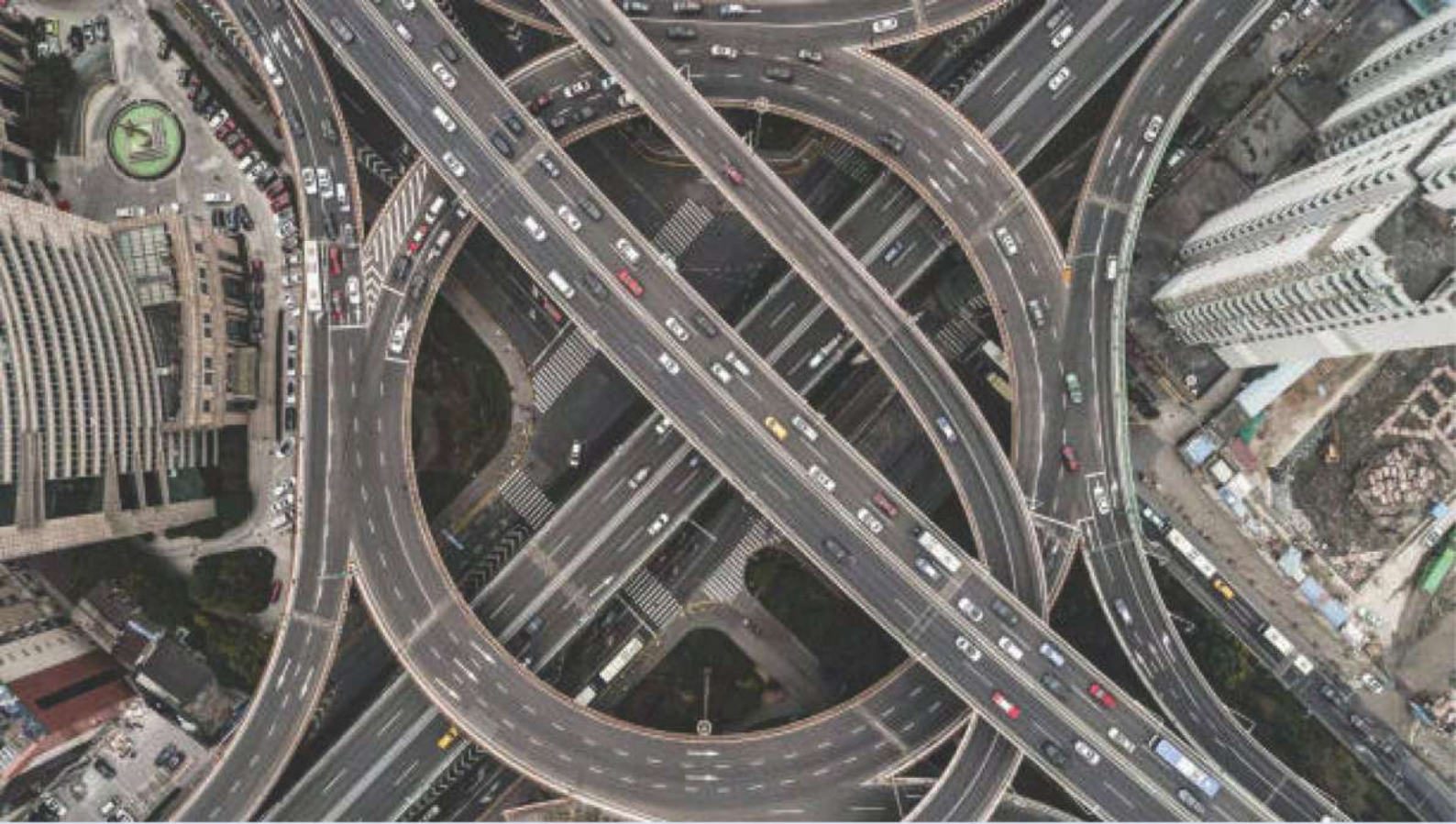
Retreat

Deck

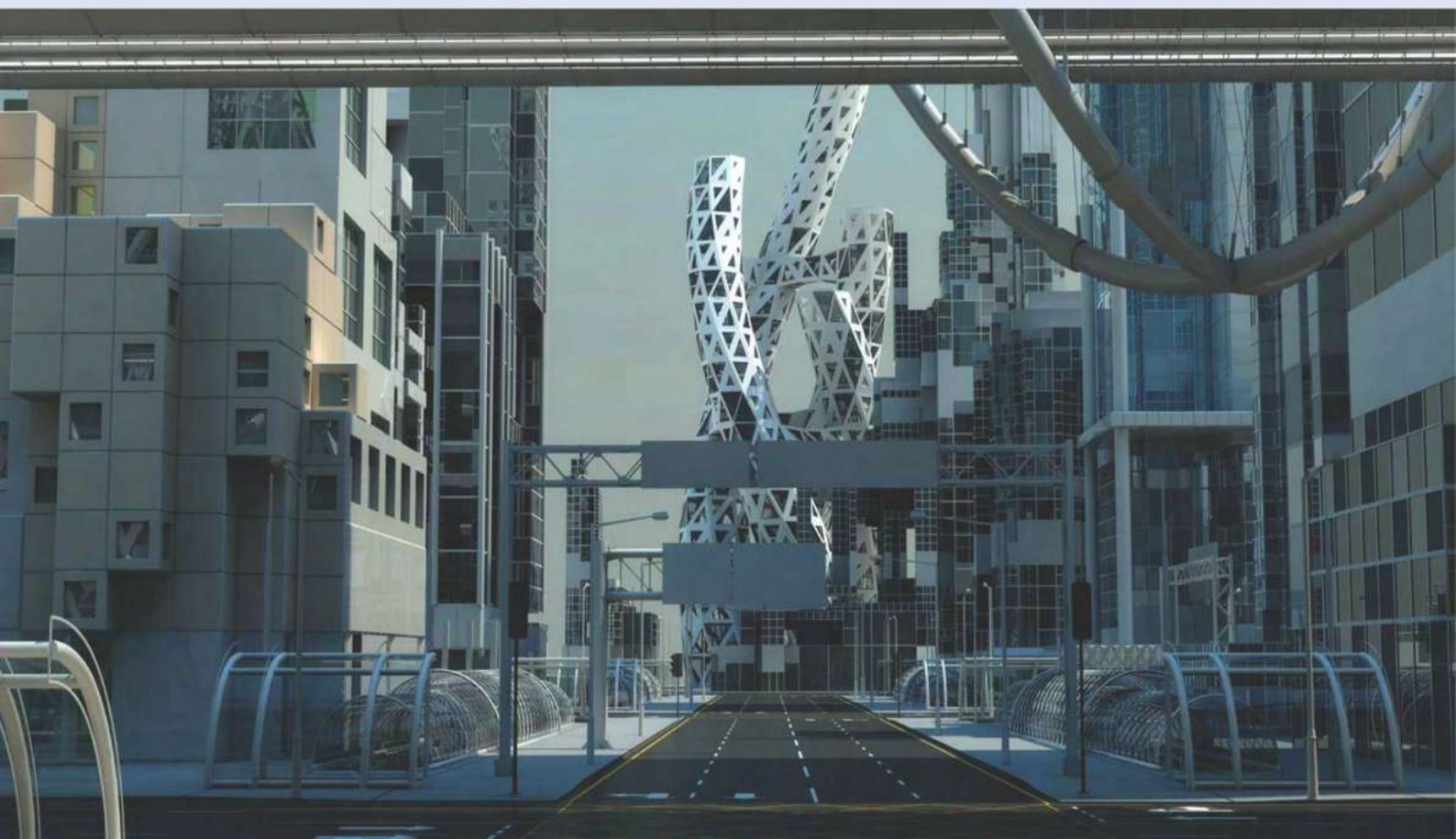
Wshop

8-TX8
OCERA





Infrastructure Development





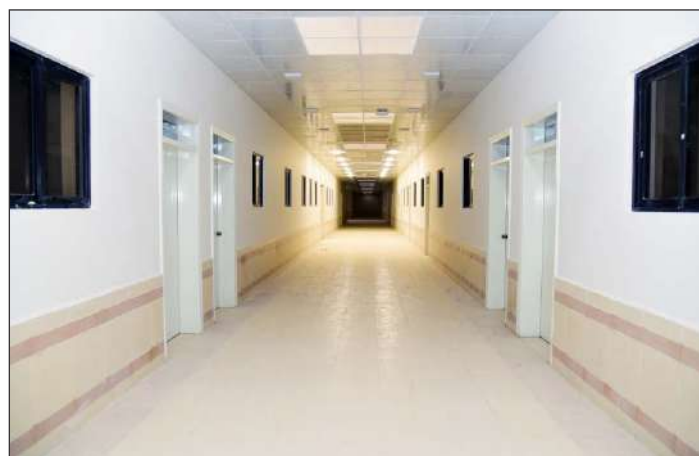
BUIITEMS has taken a lead in showing the world that how the youth of an ignored region can be transformed into dynamic individuals who can contribute towards the development of the region.

The projects being executed at BUIITEMS follow a vision to provide its students with an atmosphere that combines rigorous academic study, the excitement of discovery and pleasure of recreation through provision of conducive environment.

New academic building

Construction of new academic building at an area of 150,000 has been completed; the building will house school of management sciences with following facilities.

- 36 classrooms
- Smart classroom
- 02 seminar halls
- 02 research halls
- Kamyab Jawan Centre
- IT section, Examination block, MSD office.
- 04 Computer Labs
- 04 meeting rooms
- Book store
- Faculty offices
- HR Section





Athletics field and Academy

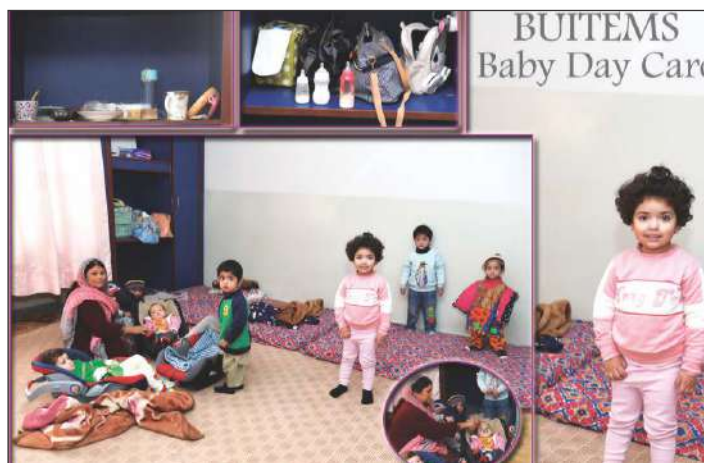
A project for construction of sports academy and athletics field having accommodation facility has been started at Takatu campus. The project will provide state of the art athletics facilities to the students of BUIITEMS.



Strengthening of Facilities at BUIITEMS

Project for establishment of following facilities has been approved

➤ Day Care Centre



➤ Admin Block



➤ Equipment of labs



➤ Equipment for DNA Lab



➤ Books for Library



➤ HVAC system for several buildings



➤ Male faculty hostel



➤ Female faculty hostel



➤ Infrastructure development at main campus



New academic building

Construction of futsal court has been started and sports complex phase having facilities like

- Tennis Courts
- Swimming Pool
- Shooting Range
- Squash Court
- Ladies Fitness Centre
- Bowling Alley





MOUs

Memorandum of Understanding



MoU with the CEO of Sybrid Private Limited

Sybrid Private Limited- A Lakson Group Company is interested in collaborating with BUIITEMS in localized content related to crafts, culture, heritage, and arts specific to Balochistan. With this partnership, both BUIITEMS and Sybrid have agreed to collaborate in some of the most contemporary areas such as natural language processing, artificial intelligence and machine learning, biodiversity, climate change, digital marketing, research on culture, heritage, arts, entrepreneurship, and other corporate engagements. Through this partnership, both parties are focused



on undertaking effective and sustainable measures for enhancing civic responsibilities, the economic uplift of the society, promoting R&D, and using technology. The CEO of Sybrid Private Limited, Mr. Ather Imran, visited BUIITEMS to sign an MoU on Monday 05th April 2021 at Pro VC Office, BUIITEMS. Sybrid will engage the students of BUIITEMS for internship opportunities and project assignments related to the localized contents of Balochistan as per the eligibility criteria of Sybrid.

Pro VC, Dr. Faisal Ahmed Khan signed the MoU on behalf of BUIITEMS, countersigned by Mr. Ather Imran, Executive Officer, Sybrid. The MoU was witnessed by Dean FICT, Dr. Bakhtiar Kasi, and Dean FLSI, Dr. Nazeer Ahmed.

Mou Signing Ceremony between Balochistan Think Tank Network (BTTN) and BUIITEMS

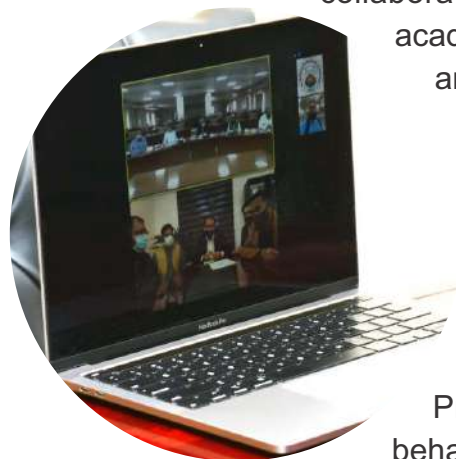
A historic and milestone Memorandum of Understanding (MoU) Signing Ceremony between Balochistan Think Tank Network (BTTN) and BUIITEMS was held on April 08, 2021, at the Video Conferencing Hall, at BUIITEMS. The Chief Guest and the Patron of BTTN Honorable Chancellor/Governor Balochistan, Mr. Amanullah Khan Yasinzai, graced the Signing Ceremony. For the first time in the province of Balochistan, this historic MoU was signed between Brig Agha Ahmed Gul (R), Consultant BTTN and Honorable Vice Chancellor, Ahmed Farooq Bazai (SI) BUIITEMS. Also, this signing ceremony was attended by the Honorable Vice Chancellors of various universities of Balochistan, Deans, and Heads of Departments of BUIITEMS.



BTTN is an autonomous, multidisciplinary, nonpartisan, non-commercial, and research-oriented think tank institution that helps produce the highest quality, reliable, and credible op-eds, policy papers, research articles, books, edited volumes on the broader contours of local, national, and international affairs, but more importantly it seriously looks into the issues and challenges faced by Balochistan. In the age of evolving technology and intellectual endeavours where there has been a consistent spread of misinformation, disinformation, and false narratives, the establishment of BTTN has become rudimentary in Balochistan to help provide a fact-finding, research-oriented, and credible platform for students, research scholars, research fellows, strategic community, and policymakers. More broadly, BTTN endeavours to generate innovative ideas, connect with all universities of Balochistan, the leading policy institutes both at the national and international level, establish current research programs, and build realistic solutions to significant issues concerning the province of Balochistan in general and Pakistan in particular.

Mou Signing Between BUITEMS and NED

An online MoU signing ceremony was held on Zoom between BUITEMS and NED University of Engineering and Technology Karachi for extending support from NED in establishing a center of Artificial Intelligence at BUITEMS on April 13, 2021. Both NED and BUITEMS are jointly interested in creating a close collaboration to promote research and academics in sciences, engineering, and technology and specifically in the field of Artificial Intelligence.



Under the MoU, NED shall help facilitate BUITEMS to establish its center of Artificial Intelligence through its Neurocomputation and Smart City labs under the National Centre of Artificial Intelligence. On this occasion, Vice-Chancellor NED, Dr. Sarosh Hashmat Lodhi, shared his views about extending collaboration with BUITEMS.

Pro VC, BUITEMS, Dr. Faisal Ahmed Khan also extended his support on behalf of BUITEMS and shared his views with the participants. The MoU was e-signed by both teams in a Zoom session. At BUITEMS, the MoU was signed by Pro VC, Dr. Faisal, and witnessed by Dean, FICT, Dr. Bakhtiar. Pro Vice-Chancellor, NED, Dr. Muhammad Tufail, countersigned the MOU from NED, whereas Dr. Saad Ahmed Qazi witnessed the MoU.

Mou for starting the DIGIBIZZ Freelancing & Entrepreneurship Program at BUITEMS

The Dean FICT, Dr. Bakhtiar Kasi signed the MoU on behalf of BUITEMS, countersigned by Mr. Roshan Ali Sheikh, Secretary, Science, and IT Department, Government of Balochistan, and witnessed by Dr. Muhamamd Akram, Chairperson Computer Engineering, BUITEMS on May 25, 2021. The DIGIBIZZ



Freelancing & Entrepreneurship Program is sponsored by the P&D department Government of Balochistan and being executed by Science & IT,

Government of Balochistan. Under this program, Freelancing Training will start at three universities in Balochistan, including BUITEMS, the University of Balochistan, and Sardar Bahadur Khan Women's University.



BUITEMS will offer skill training opportunities to the youth of Balochistan to empower them with self-employment opportunities and exploit the large untapped online digital market (freelancing) and entrepreneurship. BUITEMS will host two training batches per year, where at least 40 students will be trained in each batch.

Memorandum of Understanding (MoU) Signing

A Memorandum of Understanding (MoU) was signed between the Balochistan University of Information Technology, Engineering, and Management Sciences (BUIITEMS) and Balochistan Charities Registration and Regulation Authority (BCRA) on July 14, 2021. The MoU aimed to bring a collective effort for the mutual benefits of both the institutions and the prosperous future of the province. The event was hosted by Mr. Faisal Noshervani, Director UA&FA, Dr. Bakhtiar Khan Kasi, Dean FICT, Dr. Syed Kamran Sami, Dean



FOE, Mr. Shakir ur Rehman, Deputy Director University Advancement, Ms. Kinza Khan, Deputy Director Financial Assistance and Mr. Shams Ur Rehman, Manager Career Services. From BRCA, the team included Mr. Syed Mohammad Noman Shah, Director General BCRA, Dr Zarif Essazi, Director Admin and Finance BCRA, and Mr. Noor-ul-Amin Zehri, Director Operations BCRA.



This MoU aims to ensure coordination upon the public issues that come under the domain of both institutions. Similarly, BCRA will provide internship and job opportunities for our students from time to time on a need basis. In the same way, both parties would convene seminars/workshops of Non-Profit Organizations on any agreed topic at the Expo center of BUIITEMS. Furthermore, both institutions will assist each other on any other mutual issue/subject.

MoC between BUIITEMS and IBA Karachi

On September 17, 2021, BUIITEMS, Quetta signed a Memorandum of Collaboration (MoC) with the Center for Executive Education (CEE) IBA Karachi. This MoC aims to establish mutual collaboration & strengthen academic cooperation between BUIITEMS and IBA.



Under the MoC, CEE at the IBA Karachi and BUIITEMS, Faculty of Management Sciences (FMS), and BUIITEMS Executive Education Centre (BEEC) will be developing and conducting open enrollment and customized (client-specific) short workshops, consultancies, and research programs. Dr. Faisal Khan, Pro-Vice-Chancellor; Dr. Syed Munawar Shah, Dean, Management Sciences and Ms Musarrat Karamat from BUIITEMS Quetta, and Dr. Rameez Khalid, Director CEE with Mirza Irshad Baig, Executive CEE were present to sign this agreement.



MoU Signing Report

On September 23, 2021, a Memorandum of Understanding (MoU) signing ceremony was held between BUITEMS and the Public Health Engineering Department (PHED), Government of Balochistan, to rehabilitate the sewage treatment plant at Sabzal Road Quetta. The Quetta Valley encounters the adverse impacts of climate change and continuous groundwater depletion. The groundwater resources of Quetta are under stress because these are the sole source of water supply for all types of usage in the provincial capital. PHED and BUITEMS concurred to cooperate and facilitate each other within the context and background of this MOU. The primary purpose of this MOU is to rehabilitate and upgrade the treatment plant to provide treated water to farmers for agricultural lands, washing purpose Fs, sports complexes, for government civil constructions, etc.



BUITEMS will provide technical support during this plant's feasibility, commissioning, operation, and maintenance stages. Dr. Muhammad Najam Malghani will lead the consultancy team of BUITEMS. The MoU was signed by Dr. Faisal Ahmad Khan, Pro VC BUITEMS, and Mr. Saleh M. Nasir, Secretary PHED. Dean Faculty of Engineering & Architecture, Dr. Syed Kamran Sami, Dean FICT, Dr. Bakhtiar Kasi, and Director ORIC Dr. Anyatullah were also present.

Signing LoU between National Curriculum Council (NCC) and BUITEMS

To support the ongoing curriculum reforms, 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.



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.

Roundtable Discussion on the Single National Curriculum

Concerning the Letter of Understanding (LoU) between BUITEMS and the National Curriculum Council (NCC) Secretariat, Ministry of Federal Education, the first Roundtable Discussion was held on December 21, 2021, at the Training Hall SSA Block. The discussion aimed at gathering feedback on Single National Curriculum (SNC) for K-12. Around 30 experts from different institutes, including BUITEMS, participated in the discussion to critically review and analyze the draft curriculum. Stakeholders involved faculty members from various departments within BUITEMS 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.







BUIITEMS

Building Communities



Community services by BUIITEMS

About two years ago, a group of faculty members from the department of Islamic Studies made remarkably profound changes to Islamic studies' syllabus under the kind supervision of Vice Chancellor BUIITEMS, Mr. Ahmed Farooq Bazai, and Pro Vice Chancellor Dr. Faisal Ahmed Khan. The core rationale behind the pursuance centered on enhancing the learners' academic potential and apprising them of the proper standards of ethics and morality. Hence, the students were provided with the opportunities to practice the core theoretical underpinnings, centering on the essentials of the syllabus in a context designed to achieve the fundamental objectives of religious education. The practical tasks assigned to the students primarily revolved around: paying visits to orphanages and hospitals, spending time with the orphans and patients, distributing food and rations to those in need, planting trees, working together to clean up the environment, visiting institutions like Darul Amans and Old Houses, spending time with the people there, serving voluntarily at school, delivering lectures beneficial to the young learners at a variety of institutions. The students accomplished the assigned tasks excellently and pledged support to continue good causes in the future in collaboration with the community members. Sher Nasir, a student of BS Education, realizing the need and importance of the self-help welfare project, along with the assistance of his companions, distributed about five lakh rupees among needy and underprivileged members of the community within a year. The forenamed student (i.e., Sher Nasir) also founded a trust (a social welfare organization) with his companions, who actively offer assistance and benefits to those in need. BUIITEMS hopes that the other educational institutions will also follow in its footsteps and endorse the good cause.



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(NIM) Renovated library and organized a Book Fair

The first book fair in the history of NIM Quetta took place on March 05, 2021, led by Mr. Mushtaq Ali Mengal with the technical support of the BUIITEMS Library, the National Institute of Management (NIM) Quetta has renovated the library and organized a Book Fair. The Book air was inaugurated by Justice (Retd) Amanullah Khan Yasinzai, Governor of Balochistan. The Honorable Governor rewarded words of appreciation for Worthy Vice Chancellor, Ahmed Farooq Bazai and Pro Vice Chancellor, Dr. Faisal Ahmad Khan, for their management and commitment.



World Mental Health Day 2021

The Department of Psychology, BUIITEMS, celebrated World Mental Health Day on October 8, 2021. The Department Chairperson, Dr. Ghina Saleem, gave opening remarks, highlighting why mental health is essential 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. A poster exhibition followed the panel discussion 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.

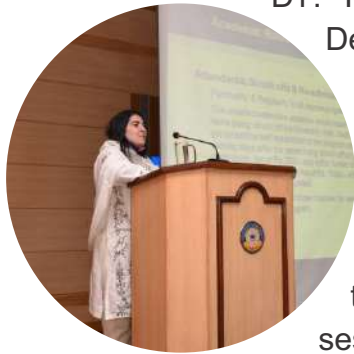
Orientation Session (Faculty of Basic Sciences)

The Faculty of Basic Sciences (FBS) arranged an orientation session on December 7, 2021, in Purple Hall BUIITEMS for the students of the 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. 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 onto a visit to classrooms, laboratories, library, canteen, and other facilities of the University.



Orientation Session Faculty of Social Sciences & Humanities

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 becoming a part of the system. The faculty members then led the students from each department through a physical orientation of the university premises from administration to classrooms and the library. The session ended with a warm welcome to the students from Dr. Rahila Umar, Dean of FSSH.



BUIITEMS

Future of Balochistan



CEREMONIES



World Tourism Day 2021

BUIITEMS being the global hub of UN academic impact goal 8, organized a one-day mega event on September 27, 2021, with the theme of “Sustainable Tourism for Inclusive Growth,” focusing on growth and inclusive recovery.

Department of Education students displayed projects on various themes under Sustainable Development Goals (SDGs). The projects were designed and developed as part of their course work under the supervision of Ms. Asia Rasheed, Lecturer Department of Education.



The project display was attended by honourable Vice-Chancellor Farooq Ahmed Bazai, Dean Faculty of Social Sciences and Humanities, Dr. Rahila Umar, tourism department officials, and students. The Honorable Vice-Chancellor BUIITEMS inaugurated the event exhibition.



The session started with the opening remarks by Dr. Bushra Naeem, Coordinator SDG-8, BUIITEMS. After that, Mr. Mayen Khan's interesting presentation unveiled the hidden tourism potential of Balochistan, following which Mr. Arshad Ashraf, a renowned photographer, delivered a brief demonstration on Branding up tourism through photography. In Addition, the students of the Fine Arts Department also exhibited their paintings and sculptures on the eve of world tourism day.

Among the notable guests of the event were the Secretary, Mr. Muhammad Asghar Harifal, and Mr. Zia Ur Rehman, Director, Department of Tourism, Culture, and Archives, Government of Balochistan. Secretary Tourism, in his speech, assured that the government is focusing on inclusive tourism for Balochistan, which had been neglected in the past. He also urged the Directorate of Tourism, Culture and Archives, and BUIITEMS to work together to make their current projects more successful and beneficial for people. During the closing ceremony, the Department of Tourism, Culture, and Archives announced prize money of Rs. 10,000/- for three displayed projects which depicted tourism at best. Finally, the shields were distributed amongst the guest speakers, and Secretary Tourism presented souvenirs to the Vice-Chancellor, Engr. Ahmed Farooq Bazai (SI).



Welcome and Farewell Party

In collaboration with the Departments of Economics and Public Administration, the Department of Business Administration organized a grand party at the City campus BUITEMS 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.



Farewell and Welcome Party



The Department of Chemical Engineering organized a Farewell for Batch Fall-2017 and a welcome party for Batch Fall-2019 on October 20, 2021, at Expo Center, BUITEMS. 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. Students presented cultural activities, drama, poetry, and game shows. In the concluding remarks, Dr. Muhammad Amin appreciated the efforts of Engr. Farooq Sajjad and his team for organizing this memorable event.







EXHIBITION



Lab2 Market Industrial Exhibition

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, and STEMS Robotic Kits, from multiple national universities including such as UET-Taxila, LUMS, BUIITEMS & NED. In addition to them, various start-ups and private industrial players also showed up, such as Zaheen Drones & Humanoid Bots.



The chief guest, Executive Director HEC, Dr. Shaista Sohail, and 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 visitors' eyes from the hospitality sector, they inquired about its capabilities, limitations, and various business models to sell our product.

1st Industrial Exhibition at MUST Azad Kashmir

The Office of Research Innovation Commercialization (ORIC), Mirpur University of Science and Technology (MUST), and CARLAB-NCRA arranged the first industrial exhibition on November 29, 2021 at MUST under the supervision of Vice-Chancellor Muhammad Younus Javed.

CARL-BUIITEMS exhibited its state-of-the-art Snake Robot and Waiter Bot as commercial products at this event. In addition, IT industries MOBORIDE, ESOLS, and SelfTech have also displayed their products and technologies. The sole purpose of such events is to bridge the gap between industry and academia.



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

Role of Basic Sciences in Economic Development of Society

The faculty of Basic Sciences organized a poster and project exhibition entitled "Role of Basic Sciences in Economic Development of Society" on December 15, 2021. It was designed to encourage academic communication and



innovatively enhance the thinking ability of undergraduate and postgraduate students, with significant participation from the Department



of Physics. The researchers presented their research background, methods, contents, and results to their teachers and a combination of external experts. Dr. Syed Muzamil Ali Bukhari, Associate Professor from the Department of the Physics, University of Balochistan, was invited as the guest speaker and member of the expert panel. He added value to the seminar by sharing inside knowledge about the "Role of Basic Sciences in

Economic Development of Society in the context of Sustainable Development Goals. After the exhibition, the panel of experts nominated Mr. Janhangir Rashid for the best project in the Department of Physics.



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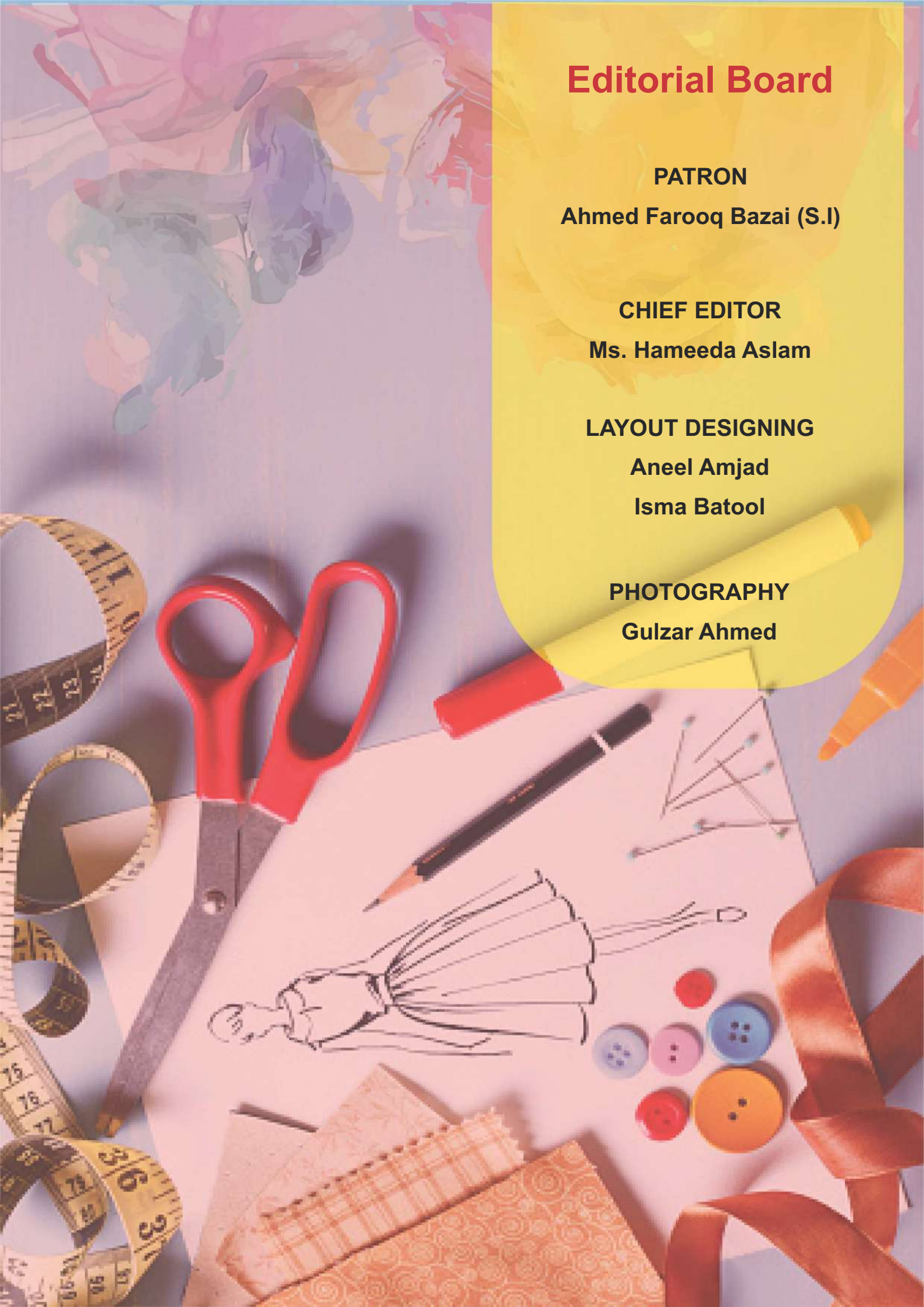
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Aneel Amjad

Isma Batool

PHOTOGRAPHY

Gulzar Ahmed



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.





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