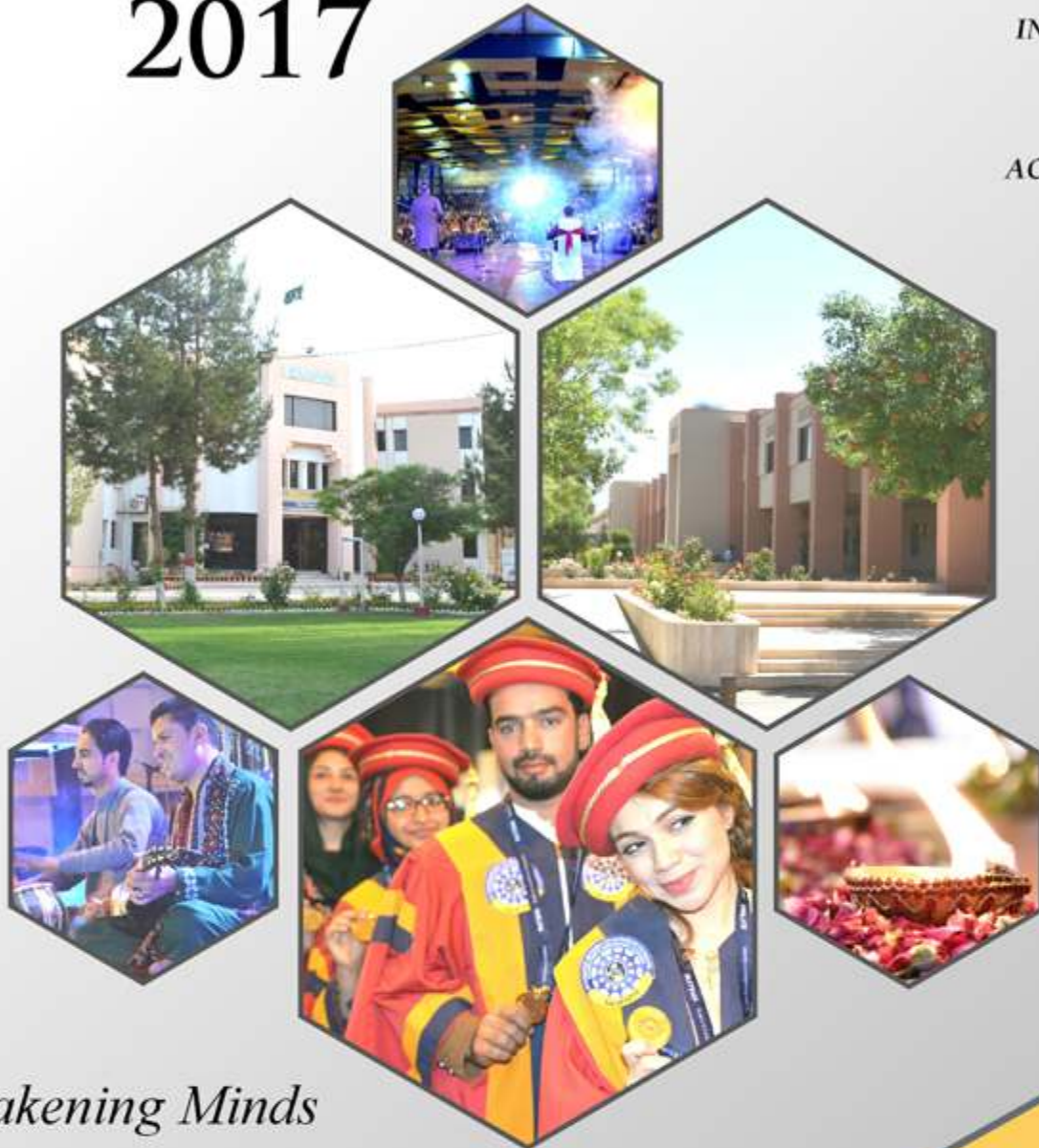


# ANNUAL REPORT 2017

EVENTS

INFORMATION

ACHIEVEMENTS



*... Awakening Minds*



# BUITEMS

QUALITY & EXCELLENCE IN EDUCATION

## 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.

## Foreword

University education needs to be given exceptional attention and thought for the development of intellectual and professional capabilities of the students. It essentially becomes our obligation to guarantee the scholarly ascendance of students into visionary leaders, competent professionals, innovative entrepreneurs and compassionate citizens. We are among the most stratified societies where the order of classes is not disturbed and individuals are obliged to stay wherever they are, restricted by a number of forces originating from illiteracy and ignorance. Illiteracy although, is not the only challenge for our educational institutions, we also need to provide compatible leadership to break the status quo and counter the reactionary forces.

Our stance and approach as university, through the years has been directed towards social reconstruction and building a narrative based on pluralistic multicultural original true identity of our nation on the guidelines of Qaid-e-Azam Mohammad Ali Jinnah. Our job at the university is to facilitate and create an environment conducive for the purpose of change through education and also to keep on identifying essential elements necessary to construct the future for our graduates, society and the nation. At the same time, we continuously keep on exploring ways and means for the improvement and better

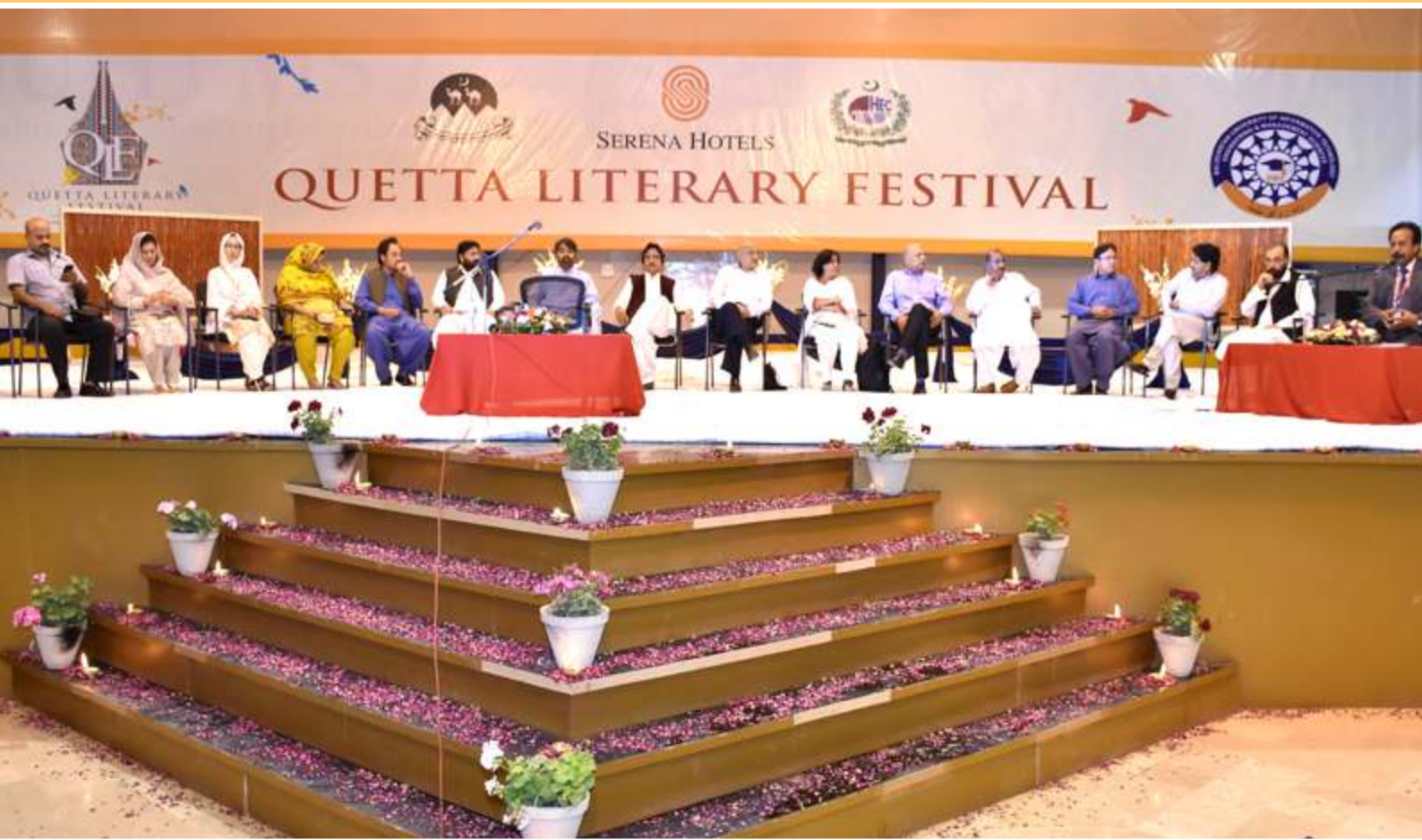
services to our students and society in terms of qualified human resource, infrastructure and efficient goal-oriented management system of the university.

We focus on preparing leadership, guided by teachers as independent thinkers specializing in their fields with a capability to train researchers in turn, where the use of knowledge and ideas is provided with an environment for "dialogue and question" in order to discover new frontiers relying on the genius and creativity of teachers and students. They are not to preach, receive or communicate commands; they must lead beyond known scientific truth, independently, and in collaboration, nationally and internationally, as science and knowledge knows no borders.

Our dream for the country, and the world at large is to be an imperative apparatus in restoring hope. When we look back at the state of our performance during the year 2017, we experience a heart-warming sensation to find that BUIITEMS has taken many steps in the right direction.



**Ahmed Farooq Bazai S.I**  
**Vice Chancellor**



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## Introduction

Balochistan University of information Technology, engineering and Management sciences is built on the vigor and determination of its family. The Annual Report of the year 2017 is all about encapsulating the energetic excellence that permeates every part of the campus. The year 2017, brought many accolades for the BUIITEMS family in regards to the achievements of its industrious faculty and diligent students. These feats are the lifeblood of this organization that feed the ardour of its ménage. This document comprises of reports that depict the yearlong hard work of the students, faculty and the management of the university. From scholarly competitions to research based activities, games to celebrative events, 2017 has been another productive year for BUIITEMS. With education, merit and diversity at its core, BUIITEMS endeavors to bring innovation and advancement through synergy with its partners.



In the report that follows, we celebrate the many and diverse ways in which our teachers and students take the University’s core aims to move forward into another successful year. Where the year 2017 brought a cascade of innovative academic activities, the overall leitmotif prevalent in the disciplines was reflection. The number of meetings that the Boards of Studies for these disciplines conducted were mostly reflecting on the current and proposed schemes of studies to bring the academic standards at par with the leading institutions across the country and worldwide.



This practice is in line with our commitment to quality & excellence in education and brought us national and international recognition through various awards. At BUIITEMS we believe academic instruction is not the only aspect of education and hence we encourage our students to be active members of the society. From raising funds for the less fortunate to tree plantation drives, from conducting research on the plight of the refugees to

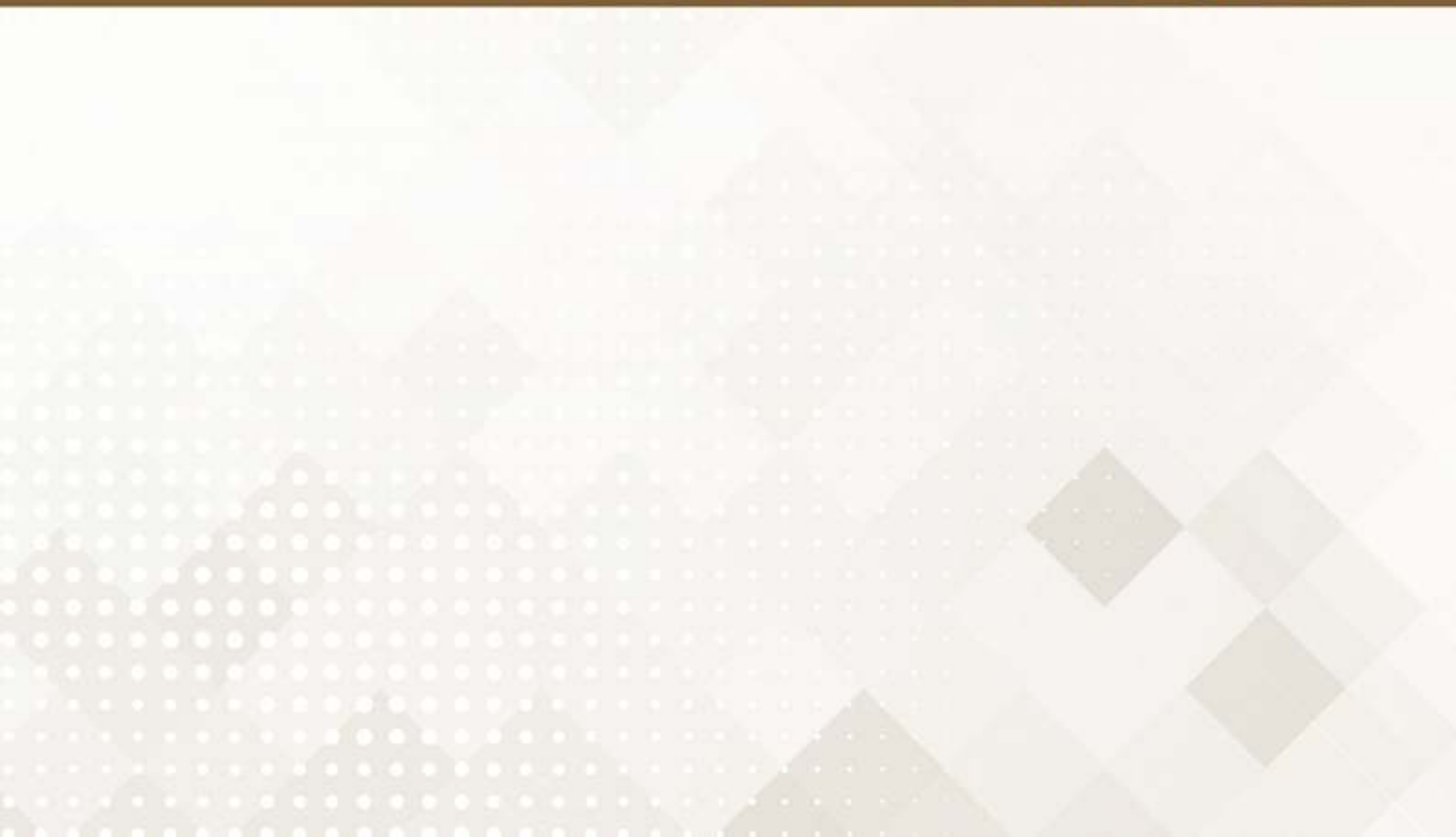
discussing how various disciplines are contributive towards an active communal structure, and even spending Eid at SOS village, we have extended efforts in all possible ways to make our students more humane and responsible. We are leading through example.



Our directorates are active tools in the overall university machinery. Their contribution in the organizational apparatus of the university has major impact on the performance of the academics. The performance of the directorates has been at par during the year 2017. The ties that the university made with various organisations, the rating based on quality of education and facilities, the constant learning and re-evaluation of faculty members and the smooth functioning of the university vouch for their dedication to service.

The establishment and maintainance of endowment fund, various forms of scholarships, and career counselling are actively helpful means designed to accomodate students. Various seminars, conferences and workshops have also been arranged for both students and faculty members. The prime motif behind all these activities is to build capacity and enthuse professionalism in academia. The year 2017 has also been a good year in terms of research for BUITEMS. The research efforts have also been prolific in the essence because mostly it was aimed at not only at novelty but also contribution to the society. We are sensitive to the need of the day and the future, especially with reference to the possible influx of economic and cultural tides that will accompany the CPEC. We are engaged in the task of speeding up the development activities and look forward to have greater cooperation from the funding sources.



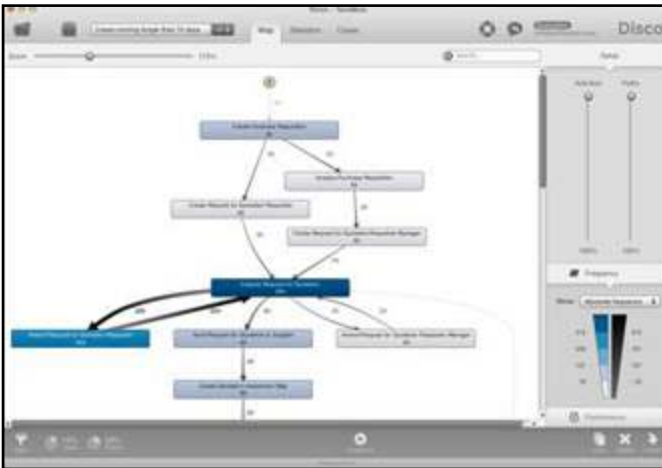




AWARDS  
&  
HONORS



## **BUIITEMS Becomes Part of Fluxicon Academic Initiative**



On February 7, 2017, Fluxicon declared BUIITEMS as an academic partner of Fluxicon Academic Initiative. It provides free academic licenses of their commercial process Mining Software Tool (Disco) to its academic partners all around the world. Mr. Imran is the contact person for Fluxicon Disco Academic Licenses for BUIITEMS, making it the second higher education institute in Pakistan to have become part of Fluxicon Academic Initiative.



## **International Cartographic Association (ICA) Award**

The International Cartographic Association (ICA) founded on June 9, 1959 in Bern, Switzerland a renowned organization providing a forum for issues and techniques in cartography and GI Science.

Mr. Attique Shah assistant professor IT Department, BUIITEMS was honored as a young scientist from the ICA in its 28th International Cartographic Conference, held from July 2 till 7, 2017 in Washington D.C, USA. A grant of €1000 was also awarded to him. The grants are used towards fundamental studies in the fields of Cartography and GI Sciences.



## **PurAzm Awards**



The Department of Mass Communication organized a briefing session of “PurAzm Awards” on 18th October 2017 at Takatu Campus, BUIITEMS. The team visited BUIITEMS and was led by Mr. Muhammad Akmal Khan, digital and campaign manager. Here they briefed the objectives and themes of “PurAzm Awards”.

The Federal Ministry of Information, Broadcasting & National Heritage started an initiative, to involve professional and amateur journalists, photographers, cameramen, students, faculty and storytellers to participate in a nationwide competition, to develop a counter narrative that rejects extremism and violence.



The top performers of the competition would participate in fellowship program at the PTV Academy. Where they will receive training on film production and content development to counter violent extremism, bring inter-faith harmony and tranquility, as well payment for creating short films. The faculty and students from Mass Communication, Fine Arts, English, Social sciences and International Relations attended the session.



# 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**  
Mr. Muhammad Khan Achakzai  
Governor Balochistan /  
Chancellor BUIITEMS



**Chairman**  
Engr. Ahmed Farooq Bazai (SI)  
Vice Chancellor  
BUIITEMS



**Member**  
Mr. Tahir Mehmood Khan  
MPA, Balochistan Assembly



**Member**  
Ms. Yasmeen Lehri  
MPA, Balochistan Assembly



**Member**  
Mr. Abdullah Jan  
Secretary Colleges, Higher &  
Technical Education



**Member**  
Mr. Sajjad Ahmad  
Principal Secretary to the  
Governor Balochistan/  
Chancellor BUIITEMS



**Member**  
Mr. Amanullah Yaseenzai  
Ex-Chief Justice  
Balochistan High Court



**Member**  
Qazi Maqbool Ahmed  
GM Civil Aviation



**Member**  
Prof. Rasool Baksh Rais  
Dean, Lahore University of  
Management Sciences



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



**Member**  
Prof. Dr. Hashmat Sarosh Lodhi  
Dean, Faculty of Civil Engineering  
NED, University



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



**Member**  
Ms. Nida Zafar  
Chairperson Management  
Sciences, SBKWU



**Member**  
Dr. Haqqad Tareen  
Physician



**Member**  
Ms. Asma Yousufzal  
Assistant Professor  
BUIITEMS



**Member**  
Dr. Ehsanullah Kakar  
Professor  
BUIITEMS



**Secretary**  
Mr. Jamal Mustafa  
Registrar, BUIITEMS

# 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.



**Chairman**  
Engr. Ahmed Farooq Bazai (SI)  
Vice Chancellor  
BUIEMS



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



**Member**  
Dr. Najam Malghani  
Dean/ Professor Faculty of  
Engineering, BUIEMS



**Member**  
Dr. Faisal Ahmed Kakar,  
Dean Faculty of ICT  
BUIEMS.



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



**Member**  
Dr. Jan Muhammad  
Dean Faculty of Arts and Basic  
Sciences, BUIEMS



**Member**  
Dr. Nazeer Ahmed  
Dean Graduate Studies,  
BUIEMS



**Member**  
Dr. Maqsood Ahmed  
Professor Faculty of  
Engineering, BUIEMS



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



**Member**  
Dr. Nahed Sajjad  
Assistant Professor  
SBKW University



**Member**  
Ms. Hina Shafeeq  
Assistant Professor  
SBKW University



**Member**  
Dr. Humaira Ashraf  
Assistant Professor  
SBKW University



**Member**  
Mr. Ghulam Mujtaba Jonejo  
Controller of Examinations,  
BUIEMS



**Member**  
Mr. Baber Falz  
Treasurer, BUIEMS



**Secretary**  
Mr. Jamal Mustafa  
Registrar, BUIEMS

# BUITEMS SELECTION BOARD

Performance of employees basically determines the rate of success in any organization. BUITEMS 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**  
Engr. Ahmed Farooq Bazai (SI)  
Vice Chancellor  
BUITEMS



**Member**  
Dr. Rukhsana Jabeen  
Vice Chancellor  
SBKWU, Quetta.



**Member**  
Dr. Dost Muhammad Baloch  
Vice Chancellor  
LUWAMS, Uthal



**Member**  
Dr. Abdullah Khan  
Vice Chancellor  
University of Ioralai



**Member**  
Capt. (Rtd) Muhammad Younis  
Durrani,  
Member Balochistan  
Public Service Commission,  
Quetta



**Member**  
Dr. Nahed Sajjad  
Assistant Professor  
SBKW University



**Member**  
Dr. Najam Malghani  
Dean/ Professor Faculty of  
Engineering, BUITEMS



**Member**  
Dr. Jan Muhammad  
Dean Faculty of Arts and Basic  
Sciences, BUITEMS



**Member**  
Dr. Syed Muhammad Khair  
Dean Faculty of Management  
Sciences, BUITEMS



**Member**  
Dr. Jamil Ahmed  
Dean Faculty of Life Sciences  
and Informatics, BUITEMS

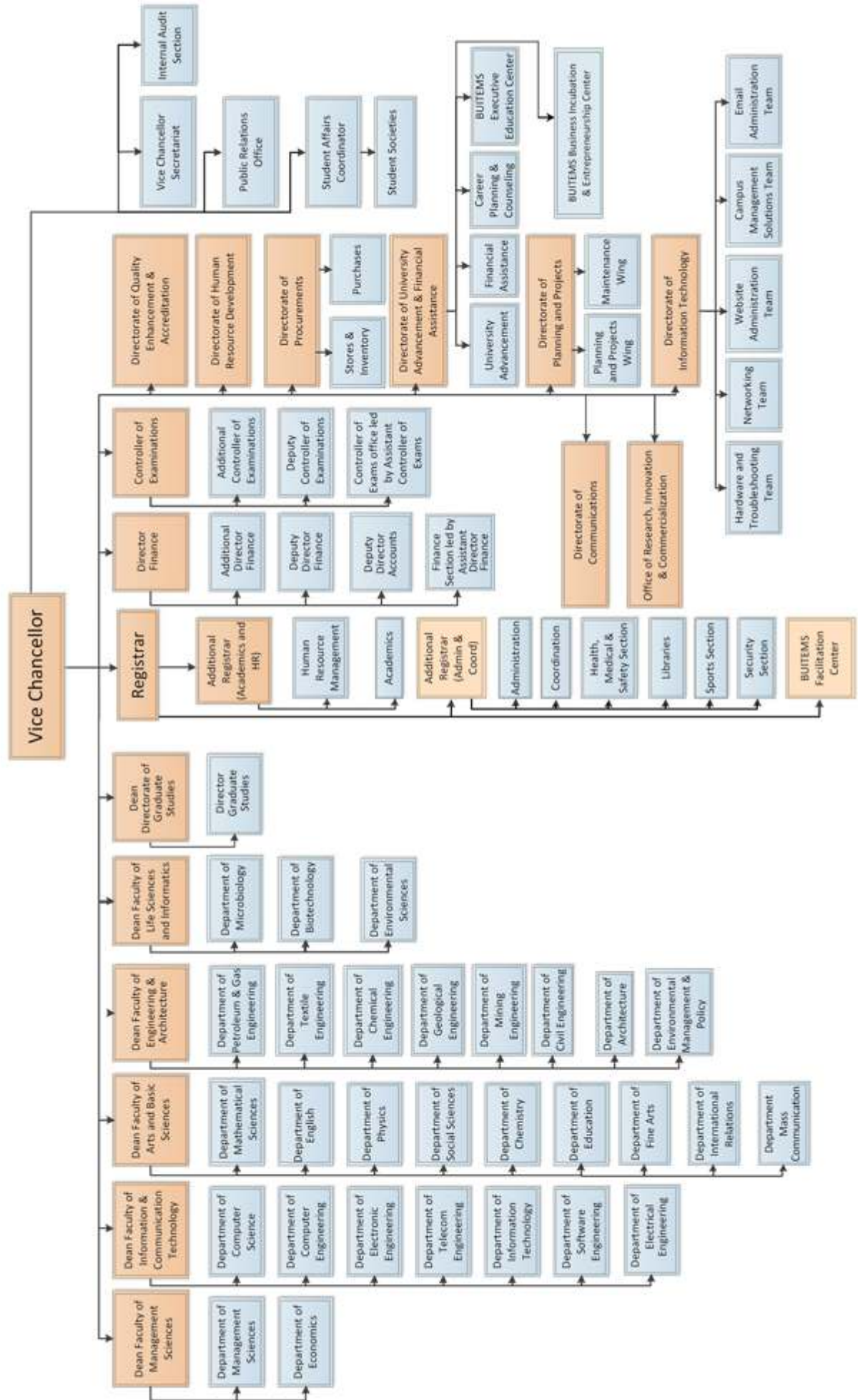


**Member**  
Dr. Faisal Ahmed Kakar,  
Dean Faculty of ICT  
BUITEMS.



**Secretary**  
Mr. Jamal Mustafa  
Registrar, BUITEMS

**ORGANOGRAM OF THE UNIVERSITY**









# **Faculty & Student Strength**



# Faculty Strength

Teaching Faculty Positions till December- 2017

## Faculty of Information and Communication Technology

S.No.	Name of Department	No. of Faculty Members
1	Electronic Engineerring	20
2	Computer Science	33
3	Computer Engineerring	16
4	Information Technology	12
5	Telecom Engineerring	17
6	Software Engineerring	7
7	Electrical Engineerring	16
<b>Total</b>		<b>121</b>

## Faculty of Management Sciences

S.No.	Name of Department	No. of Faculty Members
1	Management Sciences	60
2	Economics	28
<b>Total</b>		<b>88</b>

## Faculty of Life Sciences & Informatics

S.No.	Name of Department	No. of Faculty Members
1	Biotechnology & Informatics	30
2	Environmental Science	4
3	Microbiology	10
4	Plant Sciences & Informatics	2
<b>Total</b>		<b>46</b>

### Faculty of Engineering & Architecture

S.No.	Name of Department	No. of Faculty Members
1	Mechanical Engineering	2
2	Chemical Engineering	24
3	Textile Engineering	18
4	Mining Engineering	15
5	Geological Engineering	17
6	Petroleum & Gas Engineering	17
7	Civil Engineering	31
8	Architecture	16
9	Environmental Management & Policy	8
<b>Total</b>		<b>148</b>

### Faculty of Arts & Basic Sciences

S.No.	Name of Department	No. of Faculty Members
1	Mathematics	26
2	Physics	18
3	English	30
4	Psychology	6
5	Islamic Studies	7
6	Chemistry	14
7	International Relations	17
8	Pakistan Studies	9
9	Statistics	9
10	Sociology	12
11	Fine Arts	11
12	Mass Communication	7
<b>Total</b>		<b>166</b>
<b>GRAND TOTAL</b>		<b>569</b>

# Student Strength

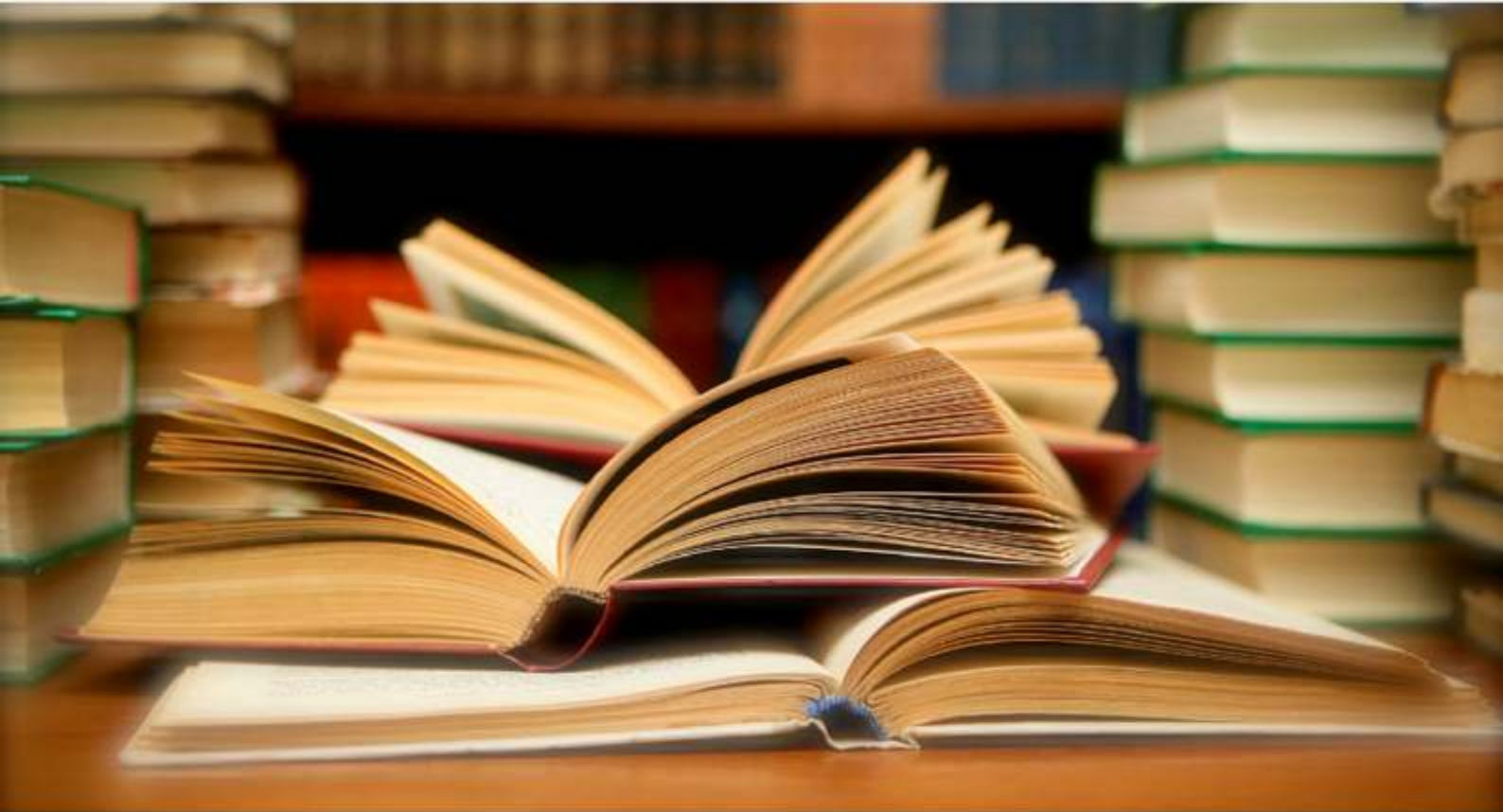
## Faculty wise enrolled students till (Fall-2017)

Faculty of Engineering & Architecture			
Department	Male	Female	Total
Civil Engineering	432	39	471
Petroleum & Gas Engineering	362	14	376
Chemical Engineering	432	7	439
Mining Engineering	336	4	340
Geological Engineering	241	12	253
Textile Engineering	271	11	282
Mechanical Engineering	202	0	202
Architecture	169	64	233
<b>Total</b>	<b>2445</b>	<b>151</b>	<b>2596</b>
Faculty of Information & Communication Technology			
Department	Male	Female	Total
Electronic Engineering	527	84	611
Electrical Engineering	404	30	434
Computer Engineering	366	46	412
Telecommunication Engineering	615	36	651
Software Engineering	303	36	339
Information Technology	443	65	508
Computer Sciences	461	102	563
<b>Total</b>	<b>3119</b>	<b>399</b>	<b>3518</b>
Faculty of Arts & Basic Sciences			
Department	Male	Female	Total
Mathematics	54	20	74
Physics	95	14	109
Chemistry	28	8	36
Mass Communication	190	54	244
International Relations	302	34	336
English	144	50	194
Fine Arts	68	53	121
Sociology	43	16	59
Education	18	10	28
Psychology	05	16	21
<b>Total</b>	<b>947</b>	<b>275</b>	<b>1222</b>

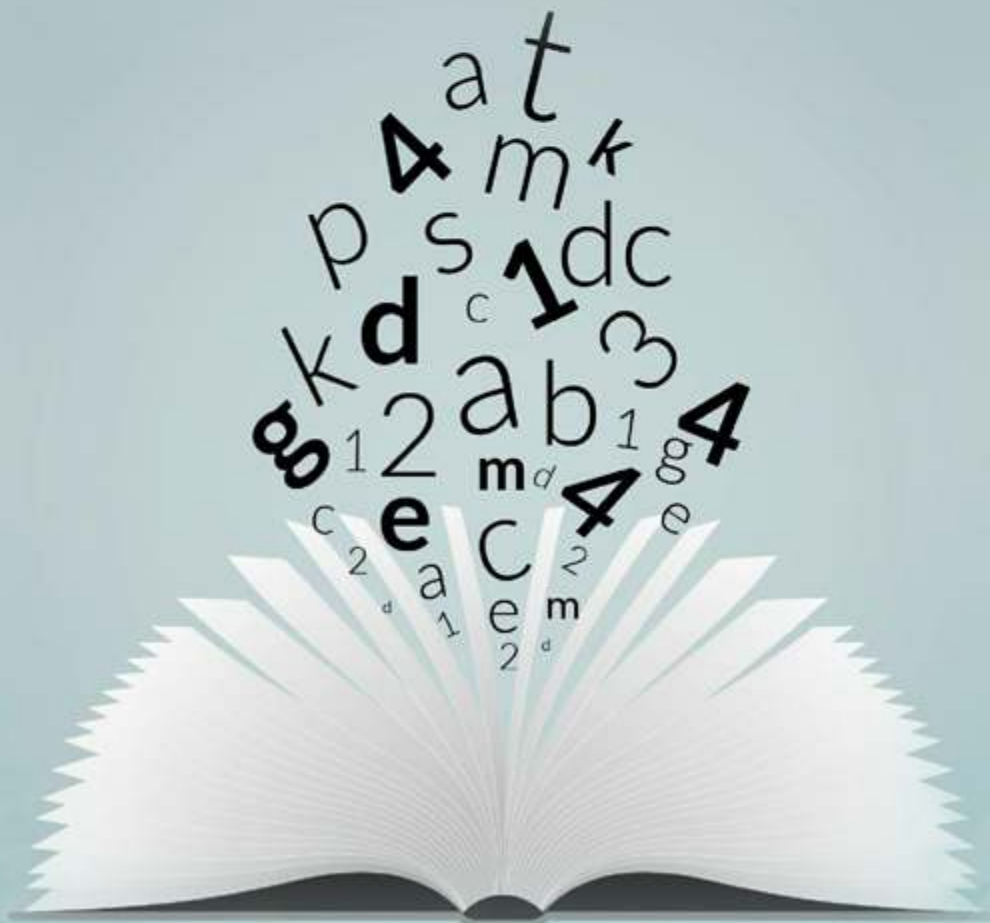
<b>Faculty of Management Sciences</b>			
<b>Department</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
Management Science	1305	378	<b>1683</b>
Economics	231	22	<b>253</b>
Public Administration	13	2	<b>15</b>
<b>Total</b>	<b>1549</b>	<b>402</b>	<b>1951</b>
<b>Faculty of Life Sciences &amp; Informatics</b>			
<b>Department</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
Biotechnology & Informatics	289	138	<b>427</b>
Microbiology	196	111	<b>253</b>
Environmental Sciences	39	18	<b>57</b>
Environmental Management & Policy	41	10	<b>51</b>
<b>Total</b>	<b>511</b>	<b>277</b>	<b>788</b>
<b>Grand Total</b>	<b>8571</b>	<b>1504</b>	<b>10,075</b>







# ACADEMIC MILESTONES



**Convocation****Date****Governor Balochistan/  
Chancellor BUIITEMS***1<sup>st</sup> Convocation**28<sup>th</sup> April 2006**Awais Ahmed Ghani**2<sup>nd</sup> Convocation**30<sup>th</sup> November 2006**Awais Ahmed Ghani**3<sup>rd</sup> Convocation**5<sup>th</sup> December 2007**Awais Ahmed Ghani**4<sup>th</sup> Convocation**16<sup>th</sup> December 2008**Nawab Zulfiqar Ali Magsi**5<sup>th</sup> Convocation**5<sup>th</sup> January 2010**Nawab Zulfiqar Ali Magsi**6<sup>th</sup> Convocation**8<sup>th</sup> December 2010**Nawab Zulfiqar Ali Magsi**7<sup>th</sup> Convocation**24<sup>th</sup> January 2012**Nawab Zulfiqar Ali Magsi**8<sup>th</sup> Convocation**26<sup>th</sup> December 2012**Nawab Zulfiqar Ali Magsi**9<sup>th</sup> Convocation**31<sup>st</sup> December 2013**Muhammad Khan Achakzai**10<sup>th</sup> Convocation**3<sup>rd</sup> December 2014**Muhammad Khan Achakzai**11<sup>th</sup> Convocation**10<sup>th</sup> December 2015**Muhammad Khan Achakzai**12<sup>th</sup> Convocation**22<sup>nd</sup> December 2016**Muhammad Khan Achakzai**13<sup>th</sup> Convocation**14<sup>th</sup> December 2017**Muhammad Khan Achakzai*





# BUITEMS

## BUILDING LEADERSHIP



**Education Summit of Universities' Entrepreneurship Partnership Program**



BUITEMS in collaboration with its partner universities in Balochistan and with University of Massachusetts USA organized a two day education summit on January 14-15 2017 at Karachi. The objective of the summit was to bring together entrepreneurs, academics, administrators, and local entrepreneurs to discuss the current entrepreneurial ecosystem in the higher education institutes to prepare students as future entrepreneurs. Public Affairs Officer, Mr. John Warner of US Consulate General Karachi was the Chief Guest at the opening.

Those in attendance were BUITEMS Registrar & focal person Mr. Jamal Mustafa, faculty members from the Department of Management Sciences and Executive Manager of BUITEMS Business incubation & Entrepreneurship Centre Syed Nisar Ahmed.

The summit resulted in interactive sessions with the focus of how to develop and foster the entrepreneurial spirit and eco system in Balochstan and Pakistan. Ms. Rahila Hameed Durrani MPA

Speaker Balochistan Assembly, invited chief guest expressed her views on the youth and the potential benefits of China-Pakistan Economic Corridor (CPEC) to Balochistan



**SOFTEC 2017**



SOFTEC an annual event organized at Fast National University with the purpose of promoting Information Technology. SOFTEC was held at Lahore Campus on March 10-12, 2017. Nine students from FICT, BUITEMS participated in this event. They were accompanied by Mr. Yahya Jan lecturer department of Computer Science. The students attended IT conferences and project exhibitions. It was a learning experience for the students and an opportunity for them to benefit from the modern IT advancements.

**PhD Thesis Public Defense**

Mr. Zainuddin, PhD scholar, faculty of Management Sciences, defended his PhD thesis entitled “Economic Use of Water under Water Scarcity Condition in Pishin Lora Basin of Balochistan” on March 15, 2017. Prof. Dr. Maqsood Ahmed was the supervisor. Pro Vice Chancellor Preston University Kohat Dr. Asmatullah; Prof. Dr. Syed Muhammad Arif Agha, retired professor; Department of Economics, University of Balochistan; and Associate Professor University of Agriculture Peshawar, Dr. Zubair Ahmed attended the defense.



**USAID Merit & Need Based Scholarship Program**

The second phase of the USAID Merit and Need Based Scholarship Program was held at BUIITEMS on March 29, 2017, where the Institutional Scholarship Award Committee (ISAC) selected candidates for the scholarship award. The members were;

- Ms. Suriyya Allahdin CEO TIBM,
- Mr. Nawaz Magsi Ex. GM PTV,
- Dr. Zainab University of Balochistan,
- Mr. Muhammad Abbas USAID-HEC.



BUIITEMS members were; Dr. M.A.K Malghani, Dr. Eshan Ullah, Dr. Surat Khan and Dr. Noor Muhammad and from Directorate UA&FA were Mr. Muhammad Shah Khan, Ms. Kinza Khan, Mr. Zelek Alexander, Ms. Nausheen Sabir.

Twenty scholarships were awarded to selected students from the departments of Management Sciences and Engineering



## Oil and Gas Exploration

The Senior Manager of Exploration, Pakistan Petroleum Limited (PPL) Syed Tariq Hasny delivered a guest lecture on “the Exploration Process of Oil and Gas”. It



was organized by Petroleum and Gas Engineering Department, on May 19, 2017 at Green Hall, Takatu Campus. It was moderated by Chairperson of the department Dr. Ali Nawaz Mengal and inaugurated by Dean Faculty of Engineering and Architecture Dr. Najam Malghani. New technological development and practical insights from the field were shared by the guest speaker



## Defense of MS Thesis

Successful MS Defenses in the year 2017. The details are as follows:

Candidate	Date	Department	Title	Supervisor	External Evaluator
Engr. Syed Jahanzaib Shah	April 24, 2017.	Department of Civil Engineering	<i>“Study of strength variation of concrete used for structural elements by using different hybrid waste materials”</i>	Engr. Ali Nawaz Mengal assistant professor, BUIITEMS	Dr. Salah-u-ddin, Chairman, Civil Engineering Department, BUET, Khuzdar
Engr. Syed Nasir Shah	April 25, 2017	Department of Civil Engineering	<i>Natural waste fiber (coir and jute) reinforced concrete</i>	Dr. Ehsanullah Kakar	Dr. Salah-u-ddin, Chairman, Civil Engineering Department, BUET, Khuzdar
Engr. Muhammad Ayoub	April 25, 2017	Department of Civil Engineering	<i>Comparative Assessment of cement and fine aggregate by the partial replacement of marble stone dust and wood saw dust in concrete</i>	Dr. Ehsanullah Kakar	Dr. Salah-u-ddin, Chairman, Civil Engineering Department, BUET, Khuzdar
Engr. Maqbool Ahmed	May 31, 2017	Department of Mining Engineering	<i>Hydrometallurgical Extraction of Fe (iron) from low grade Chaghi Iron Ore</i>	Dr. Abid Hussain Rizvi	Dr. Zulfikar Ali Chairman Department of Mining Engineering, UET
Engr. Zarak Khan,	July 6, 2017	Department of Civil Engineering	<i>A Case Study of the Structural Defects in Quetta with focus on Residential Buildings</i>	Prof. Dr. Ehsanullah Kakar	Dr. Salah-ud-din, Chairperson, Department of Civil Engineering, BUET, Khuzdar
Engr. Abdullah Khan	July 7, 2017	Department of Civil Engineering	<i>Preliminary Treatment of Sewage Water and Its Usage in Concrete</i>	Prof. Dr. Ehsanullah Kakar	Dr. Salah-ud-din, Chairperson, Department of Civil Engineering, BUET, Khuzdar
Engr. Syed Zafarullah Khan	July 10, 2017	Department of Civil Engineering	<i>Performance Assimilation of Using Waste Fly Ash and Marble Dust on Cement Mortar</i>	Engr. Ali Nawaz Mengal assistant professor, BUIITEMS	Engr. Abdul Majeed, Assistant Professor, Civil Engineering Department, BUET, Khuzdar
Engr. Ahmed Bilal	July 11, 2017	Department of Civil Engineering	<i>Soil Stabilization of Baleli and its Vicinity with Lime and/or Cement</i>	Engr. Anwaar Hazoor assistant professor, BUIITEMS	Engr. Abdul Majeed, Assistant Professor, Civil Engineering Department, BUET, Khuzdar
Mohammad Imran	Oct 17, 2017	Department of Information Technology	<i>Constraints resolution in Semi-Automated Course Allocation Mechanism for Educational Institute</i>	Dr. Riaz Ul Amin	Prof. Dr. Haroon Rasheed, Department of Electrical Engineering Bahria University Karachi



### **Campus Recruitment Interviews**

TCS conducted a campus recruitment interviews on August 11, 2017 of fresh graduates from department of Management Sciences for the vacant positions of Business Development Officers and HR Officer. The Interviews were conducted by TCS HR Team HR Executive Mr. Zain Ul Abideen, Sales Manager Mr. Tauseef Areas; and Area Business head Mr. Zohair Ahmed Siddique. They selected three graduates and valued the talent of BUIITEMS graduates and ensured to conduct future recruitment.



### **IEEE Orientation**

The IEEE Student Branch BUIITEMS committee arranged an orientation session for new members at Conference room, FICT BUIITEMS on 23rd August, 2017. The session began with an introduction of new members and their interest in membership.

Chairperson, Department of Software Engineering Ms. Bushra Naeem, Engr. Rahim Shah, lecturer Software Engineering and Engr. Raza Ali were presented. They presented the efforts needed to achieve the IEEE’s student branch objectives.

Mr. Asim khan vice chair introduced the rules and encouraged the students to share innovative ideas for the upcoming events. The orientation was followed by the Q&A session and closed the session by the Vice Chair.



## Undergraduate Research Colloquium

The Faculty of Information and Communication Technology in collaboration with IEEE Student Branch BUIITEMS arranged an Undergraduate Research Colloquium (URC 2017) on September 20, 2017 at Sir Syed Ahmed Block. The event was funded by The United States Educational Foundation in Pakistan (USEFP).



Students from FICT showcased their final year projects with the posters. Guests included the Vice Chancellor, deans and people from different industries visited the URC and appreciated the hard work of students. The participants got an opportunity to discuss their ideas with experts. The colloquium concluded with cash prize distribution among the winners and certificates to the participants.

## A talk on Recent Approaches in Drug Discovery-Role of Academic Institutions



A talk from the world eminent Scientist and recipient of *Hilal-e-Imtiaz*, *Sitara-e-Imtiaz* and *Tamgha-e-Imtiaz*, Professor Dr. Muhammad Iqbal Chaudhary, director of H.E.J Research Institute of Chemistry, University of



Karachi, was organized by Chemistry

Department, on 10<sup>th</sup> October, 2017 at Pink Hall BUIITEMS. The theme of the talk was to reveal the importance of academia to introduce new approaches of drug discovery. He delivered a new framework for drug delivery by structural modification of existing drugs and outcome of new drugs with minimum side effects. He also brought into knowledge of the audience the potential of drug discovery as part of academic research. Faculty members and students of different fields of study from BUIITEMS, SBKWU and UoB joined the session.

**BUIITEMS Olympiad – 2017**

BUIITEMS organized Olympiad 2017 from October 23 - 30, 2017; Honorable Vice Chancellor Mr. Ahmed Farooq Bazai (S.I) inaugurated the event. The event formally started with the marathon race and declamation contest. More than 2000 students participated in the long week Olympiad.

The winners of Student Affairs activities are:

S#	Event	1st Position	2nd Position	3rd Position
1.	<b>Inter-Faculty Naat Competition</b>	Raisa Raisani (FMS)	Muhammad Umair (FICT)	Mudasir Iqbal (FICT)
2.	<b>Inter-Faculty Qirat Competition</b>	Faizan Ahmed (FOE)	Ali (FABS)	Seema Gul (FMS)
3.	<b>Inter-Faculty Cultural Show Competition</b>	FLSI	FABS	FICT
4.	<b>Inter-Faculty Bait Bazi Competition</b>	Izatullah & Anam Javeed (FABS)	Maheen & Shazia (FLSI)	Zakir Hussain & Ghulam Rabani (FMS)
5.	<b>Inter-Faculty Songs Competition (Solo)</b>	Asnafar (FICT)	Ali (FOE)	Sawera (FLSI)
6.	<b>Inter-Faculty Songs Competition (Duet)</b>	Haroon & Bahadur (FICT)	Amna & Zainab (FMS)	Saima & Wajeeha (FABS)
7.	<b>Inter-Faculty Songs Competition (Sufiyana)</b>	Huzaifa Khan (FMS)	Faiq (FOE)	Jamal (FICT)
8.	<b>Inter-Faculty Debate Competition (English)</b>	Sara Nazir (FOE)	Ali (FABS)	Durrain Mir (FMS)
9.	<b>Inter-Faculty Debate Competition (Urdu)</b>	Adila Batool (FABS)	Salman Shah (FMS)	Abdul Nawaz (FOE)
10.	<b>Inter-Faculty Drama Competition</b>	FLSI	FABS	FICT
11.	<b>Inter-Faculty Essay Competition</b>	Farishta Ahmed (FMS)	Habiba Khalid (FLSI)	Muzafar Ali (FMS)







## Final Year Thesis Juries and Display

Department Architecture conducted its final year thesis juries on, November 7, 2017. 35 students presented their architectural projects. Architects from Quetta were invited as jurors. Vice Chancellor BUIITEMS Mr. Ahmed Farooq Bazai visited the department and appreciated the projects displayed by the students. Thesis display was opened for public viewing on November 08, 2017.



## Accreditation of Bachelor of Architecture Degree Program

The degree program of Bachelor of Architecture at BUIITEMS was accredited by Pakistan Council of Architects and Town Planners (PCATP). Ar. Asad I. A. Khan chairman, (PCATP) along with Ar. Tahira Sadia Fazili, registrar PCATP and fellow architects including Ar. Anila Naeem, Ar. Mahjabeen Bugti and Ar. Asadullah Varzgani visited BUIITEMS on November 8, 2017. The curriculum, course files, timetable and studio assignments for the five-year degree program were observed. After deliberations the Council formally awarded accreditation to the fall 2012 batch.



## Go Forth & Measure



The department of Electronic Engineering came together on December 29, 2017, at the Control Automation and Robotics Laboratory (CARL) to discuss the significance of electronic instrumentation systems. Students from Batch – fall 2015, showcased their semester projects. The projects were designed to promote the application of scientific methods to solving real world problems.

A panel of experts including; Dr. Faisal Khan, Dr. Anayat Ullah, Dr. Mumraiz Khan, Dr. Bakhtiyar Kasi, Dr. Riaz Ul Amin, Dr. Syed Zameer Ul Hassan, Dr. Saqib Siddiqui, Engr. Zulkafil Abbas, Engr. Janziab Masood, Engr. Surjeet Kumar and others, reviewed and appreciated the efforts of the students. In the end certificates were distributed.





# Meetings



### **Twenty Third Meeting of Advance Studies & Research Board**

The 23rd meeting of the Advance Studies & Research Board (ASRB) was held on January 4, 2017 in the training hall Sir Syed block. Mr. Ahmed Farooq Bazai, vice chancellor BUIITEMS, chaired the meeting. The board reviewed the implementation status of the decisions from the 22nd meeting of AS&RB and was followed by a detailed deliberation on issues regarding the approval of synopses, appointment of supervisors & co-supervisors, endorsement of recommendations of departmental board of studies and other graduate studies related matters. The meeting ended with a vote of thanks to the Chair.



### **HEC-NCRC Meeting for Mining Engineering Program**



The preliminary meeting of National Curriculum Revision Committee (NCRC) for the discipline of Mining Engineering (BS/BE-MS/ME) was held on March 13-15, 2017 at HEC, Regional Centre Peshawar to revise/ the curriculum frame work of the existing mining engineering study program acquiring the OBE standards and requirements of Pakistan Engineering Council (PEC). The elected convener was Engr. Dr. Mohammad Ali Shah, professor Mining Engineering department, BUIITEMS.

### **BAE Meeting**

The third Board of Architecture Education-Institute of Architects Pakistan (BAE-IAP) Roundtable meeting was held on April 1, 2017 in Karachi, the hosts were department of Architecture NED University Karachi. The agenda was to discuss the way forward for BAE-IAP to work together and to apprise the participants with the on-going activities. The meeting emphasized the possibilities of sharing resources among participating institutions of Sindh and Balochistan. Other points of discussion were faculty awards and appointment of a person to keep a close liaison with all school under IAP- KC domain for the execution of various proposals.



Following members of BAE-IAP attended the meeting:

1. Ar. Arshad Faruqi, chairman BAE
2. Arif Changezi, chairman IAP- Karachi Chapter
3. Ar. Asad I A Khan, chairman PCATP
4. Ar. Farida Abdul Ghaffar, honorary secretary BAE-IAP

### **Meeting on NFC Awards**

Third consultation session on the National Finance Commission (NFC) Award was held at BUITEMS, Quetta on Tuesday May 02, 2017. Students of Economics, Public Administration and International Relations attended the meeting. A detailed discussion ensued at the meeting highlighting the economic repercussions of policies related to Balochistan.

Dr. Kaiser Bengali, senior economist and representative for Balochistan on the NFC, expressed his views on 9th NFC Award materializing. Dean, Faculty of Management Sciences BUITEMS Dr. Abdul Salam Lodhi, members of the faculty from University of Balochistan and other experts enlightened the members.



### **University Industry Linkages**

On May 26, 2017 a meeting on university-industry linkages was held under the chair of Executive Director HEC Dr. Arshad Ali at BUITEMS. It was attended by the Vice Chancellors and Director ORIC's of public sector universities, industrialists from Islamabad, Director General Geological Survey of Pakistan, Additional Secretary, Director Mines and Mineral Department, Deputy Director Industries from Government of Balochistan, Representative of Provincial Higher Education Department, Manager Gem and Jewelry Department as well as Delegates from Chaman and Lasbela Chamber of Commerce. Dr. Arshad Ali highlighted possible avenues of collaboration between universities and industries in context of Balochistan.



## Urban Unit/ CPEC COE/ P&D Balochistan Meeting at BUIITEMS



On July 10 and 11, BUIITEMS hosted a two day meeting of partner organizations for the upcoming 4th Pakistan Urban Forum to be held in Quetta, in October, 2017. Representatives from the Urban Unit Lahore, China Pakistan Economic Corridor (CPEC), Center of Excellence, Islamabad, Planning and Development Department (P&D), officials from the government of Balochistan and BUIITEMS attended the meeting.

Dr. Shahid Rashid, executive director CPEC-COE, along with Dr. Saleem Janjua, head of policy division-Urban Development and Mr. Adnan Khan Research associate. Mr. Masroor Ahmed headed the Urban Unit team, with Ms. Nadia Naeem Qureshi, senior urban planner and specialist Mr. Mujeeb-ur-Rehman, additional secretary, P&D Department GOB team and Dr. Ehsanullah Kakar from BUIITEMS attended the meeting.

The partners agreed that the fourth Pakistan urban forum will be held in Quetta in the month of October 2017 with the focus of the conference being urban development in Balochistan; under the one belt one road CPEC projects.



## Meeting of BUITEMS Syndicate

The 29<sup>th</sup> meeting of BUITEMS Syndicate was held on July 20, 2017 under the Chairpersonship of the Vice Chancellor, BUITEMS. The Syndicate deliberated upon agenda items pertaining to academic and administrative matters of the University and made decision accordingly. The meeting ended with a vote of thanks to the chair. The following attended the meeting:



- Engr. Ahmed Farooq Bazai (S.I), Vice Chancellor BUITEMS
- Dr. Faisal Ahmed Khan, Dean, Faculty of Information and Communication Technology, BUITEMS
- Dr. Jamil Ahmad, Dean, Faculty of Life Sciences and Informatics, BUITEMS
- Dr. Jan Muhammad, Dean, Faculty of Arts and Basic Sciences, BUITEMS
- Dr. Muhammad Najam Malghani, Dean, Faculty of Engineering & Architecture, BUITEMS
- Dr. Nazeer Ahmed Durrani , Dean, Graduate Studies, BUITEMS
- Dr. Tariq Ahmed, Act. Dean, Faculty of Management Sciences, BUITEMS
- Dr. Naheed Sajjad , Assistant Professor, Department of Biotechnology, Faculty of Life Sciences, Sardar Bahadur Khan Women’s University, Quetta
- Ms. Hina Shafiq, Assistant Professor, Department of Economics, Faculty of Management Science, Sardar Bahadur Khan Women’s University, Quetta
- Dr. Maqsood Ahmed, Professor, Department of Environmental Management and Policy, Faculty of Engineering & Architecture, BUITEMS
- Dr. Mohammad Mushtaq , Professor, Department of Microbiology, BUITEMS
- Mr. Babar Faiz, Act. Director Finance, BUITEMS
- Mr. Ghulam Mujtaba Junejo , Controller of Examinations , BUITEMS
- Prof. Dr. M.A.K Malghani , Professor, BUITEMS
- Dr. Zahid Rauf, Director, Quality Enhancement and Accreditation, BUITEMS
- Mr. Jamal Mustafa, Registrar, BUITEMS



### **Meeting of ORIC Coordination Committee (OCC)**

The seventh meeting of ORIC Coordination Committee of BUIITEMS was held on 3rd of October, 2017. The meeting was organized by ORIC BUIITEMS.

The objective of the meeting was to recommend the best research proposals submitted by BUIITEMS faculty members for approval by the competent authority and 40 research proposals with amount of 6,442,368.00 (9 million Pak rupees) were recommended for funding. The Director ORIC said that these awards will encourage other faculty to pursue such research projects and enhance the quality of their research work.



### **Fall Meeting-2017 organized by Faculty of Life Sciences & Informatics**



The Faculty of Life Sciences and Informatics held organized a fall meeting on November 7, 2017 in the orange hall. The chief guest of the occasion was Vice Chancellor Ahmed Farooq Bazai (SI), along with dignitaries from Quetta Institute of Medical Sciences and Bolan Medical College. The undergraduate students of Biotechnology & Microbiology presented their final research reports and elaborated the research work



through poster display. During the session, students also discussed their work with experts and sought advice for their future course. Dr. Jamil Ahmad gave the talk on high resolution melting curve analysis while Dr. Naseebullah Kakar talked about the importance of genes identification and whole exome sequencing. The Honorable Vice Chancellor in his concluding remarks appreciated research work of the students and wished them the best in their future endeavors.





**PCATP Meeting with Vice Chancellor BUIITEMS**



On November 8, 2017, Ar. Asad I. A. Khan chairman, Pakistan Council of Architects and Town Planners (PCATP) along with Ar. Tahira Sadia Fazili, registrar PCATP and fellow architects including Ar. Anila Naeem and Ar. Asadullah Varzgani visited BUIITEMS and met with the Vice Chancellor BUIITEMS. The purpose of the meeting was to discuss the performance of faculty members and students of the Department of Architecture in the academic year 2015-16. Those present in the meeting were Dr. M. Najam Khan Malghani, dean Faculty of Engineering and Architecture, Ar. Jalal Faisal, chairman

Department of Architecture and Dr. Ehsanullah Kakar. The committee visited the Department of Architecture and reviewed the thesis display for accreditation of fall 2012 batch.



**Meeting of Advanced Studies and Research Board (AS&RB)**



The Twenty fifth meeting of Advanced Studies and Research Board (AS&RB) was held on November 16, 2017 under the chairmanship of the Vice Chancellor BUIITEMS, Ahmed Farooq Bazai (SI). The meeting, among others, was attended by all the Deans, Director ORIC, Director QE&A and Registrar of the University.

The board, after reviewing the implementation

status of the decision of the 24th meeting, discussed various agenda items pertaining to graduate programs. Briefly the board approved recommendation of Graduate Research Committees of various faculties relating to appointment of supervisors, approval of synopses and approving list of external examiners for MS thesis evaluation. Besides, the AS&RB also deliberated on the recommendations of the board of studies of department of Information Technology & MS Electrical Engineering related to MS program.



## **Meetings of Board of Studies conducted in the Year 2017**

### **Department of Software Engineering**

The second Board of Studies (BOS) Meeting for the department of Software Engineering (SE) was held on May 5, 2017. The BOS meeting revised the curriculum of BS (SE) for 2017. The study program objectives and outcomes were defined according to the Washington accord. Changes were deliberated as per the latest NCRC curriculum proposed by HEC. External members of the board were Professor Dr. Aqil Burney (professor of Computing-IoBM, Karachi) and Dr. Hafiz Adnan (chair Department of CS-UET, Taxila).



### **Department of Psychology**



The first Board of studies (BOS) meeting for the Psychology Department was held on September 14, 2017, in the FABS meeting room of Sir Syed Block BUIITEMS. The meeting was chaired by the Dean, Faculty of Arts and Basic Sciences, Dr. Jan Muhammad who welcomed all the external and internal members of the board. Chairperson of Social Sciences Department Mr. Zafar Ullah also welcomed the external members, Assistant Professor, Department of Psychology, University of Balochistan Dr. Saima Ambreen, and Assistant Professor,

Government Gordon Collage Rawalpindi Dr. Waseem Fayyaz. The agenda was placed before the board for deliberation on the current & proposed syllabus for BS Psychology Program. The board agreed in principle to launch BS Psychology Program at BUIITEMS and proposed to establish Psychology Lab in future. The Meeting ended with a thanking note by the Dean and the Chairperson.

### **Department of Textile Engineering**

The department of Textile Engineering conducted its fifth Board of Studies meeting on September 18, 2017. The meeting was chaired by the departments Chairperson Dr. M. Qasim Siddiqui. In order to revise the curriculum as well as to discuss the changes as per the latest NCRC curriculum proposed by HEC.

External members of the board were Associate Professor and Chairman Department of Textile Engineering, NED UET, Karachi Prof. Dr. Sheraz Hussain and Assistant Professor Dr. Amir Sherazi, from department of Textile Engineering BZU, Multan.



Internal members from BUIITEMS were Associate Professor Dr. Syed Zameer-ul-Hassan, Associate Professor Dr. Abdul Malik Rehan Abbasi and Lecturer Engr. Muhammad Ali Zeeshan from Textile Department and co-opted member Professor, Faculty of Life Sciences and Informatics, BUIITEMS Dr. M. A. K Malghani and as non-voting member Director, Quality Enhancement & Accreditation, BUIITEMS Dr. Zahid Rauf. The revised curriculum of BS and MS programs was approved.



### **Department of Information Technology**



A meeting of Board of Studies of Information Technology (IT) Department was held on Sep 28, 2017. The meeting was intended to revise the curriculum of BS (IT) for 2017. The members were Chairperson Mr. Farhan Elahi, Mr. Mohammad Imran, Mr. Abdul Rehman, Ms Ayesha Iftikhar, Ms Ayesha Abdul Majeed, Mr. Syed M Junaid Hassan and Mr. Irfan Ali Magsi. The meeting was also attended by Dean Faculty of ICT Dr. Faisal Khan, Dr. Riaz Ul Amin, Dr. Bakhtiar Khan Kasi and Dr. Mumraiz Khan Kasi. The Agenda included discussions about the changes as per the latest NCRC curriculum proposed by

HEC. The course contents and the outlines were thoroughly discussed in the meeting and suggestions were made accordingly. External members of the board were Associate Professor, Department of Computing, NUST, SEECS, Islamabad Dr. Sharif Ullah Khan and Professor and Chairperson (FCS), IBA, Karachi Prof. Dr. Shakeel Khoja.

### **Department of Chemistry**

The Board of Studies (BOS) meeting of Chemistry Department was held on 9<sup>th</sup> of October, 2017. The agenda was the revision of the course curriculum of BS and MS Chemistry as well as to introduce course curriculum for PhD Program for year 2018.

Amendments were made in course contents of BS Chemistry Program according to suggestions made by the members. The external member was renowned Scientist Prof. Dr. Muhammad Iqbal Chaudhary.



## Department of Civil Engineering

4<sup>th</sup> Board of Studies (BOS) meeting of Department of Civil Engineering was held on October 25, 2017 in the meeting room of FOE&A. The meeting was chaired by Dr. Saeed Ullah Jan, Chairperson Department of Civil Engineering, BUIITEMS. The BOS meeting was intended to revise the curriculum of BS (Civil) & MS (Civil) programs. The BS & MS (Civil) program objectives and outcomes were also defined according to Washington accord. Agenda of the meeting was to discuss proposed changes as per the latest NCRC curriculum proposed by HEC. The external members of the board were Prof. Dr.



Amanullah Mari (Professor, Department of Civil Engineering, NED UET Karachi), Dr. Salah-ud-Din (Chairperson, Department of Civil Engineering, UET Khuzdar). The internal members from BUIITEMS, were Dr. Najam Khan Malghani (Dean FOE&A), Prof. Dr. Ehsan Ullah Kakar, Prof. Dr. Maqsood Ahmed, Dr. Zafar Baloch, Engr. Aamir Mehmood, Engr. Nawaz Ali, Engr. Syed Zafar Ullah, Engr. Sarbeland Khan, Co-opted Member Prof. Dr. M. A. K Malghani and as Non-voting member Dr. Zahid Rauf (Director, Quality Enhancement & Accreditation, BUIITEMS).

## Department of English



The Department of English BUIITEMS held its Board of Studies meeting on November 10, 2017. The external members were Dr. Safeer Awan dean Languages, NUML and Dr Habibullah Pathan director Languages, MUET. Both members are also part of the HEC's NCRC for Undergraduate and Graduate programs in linguistics & literature. The BoS recommended changes as per the NCRC's document according to the availability of resources. Few changes were suggested by the members BOS for the MS ELL program to bring it at par with the required standards by the HEC.

## Department of International Relations

The fourth Board of Studies (BOS) meeting for the Department of International Relations was held on November 14<sup>th</sup> and 15<sup>th</sup>, 2017 under the chairmanship of Dr. Jan Muhammad dean FABS. The main agenda of the meeting was to discuss the proposed changes in the scheme of studies of BS and MS in International Relations as per the latest curriculum proposed by HEC. External members of the Board were Professor Dr. Abdul Majid Chandio, Shah Abdul Latif University, Khairpur and Dr. Manzoor khan Afridi, head of Department of Politics and IR, International Islamic University, Islamabad.



## Department of Mathematics

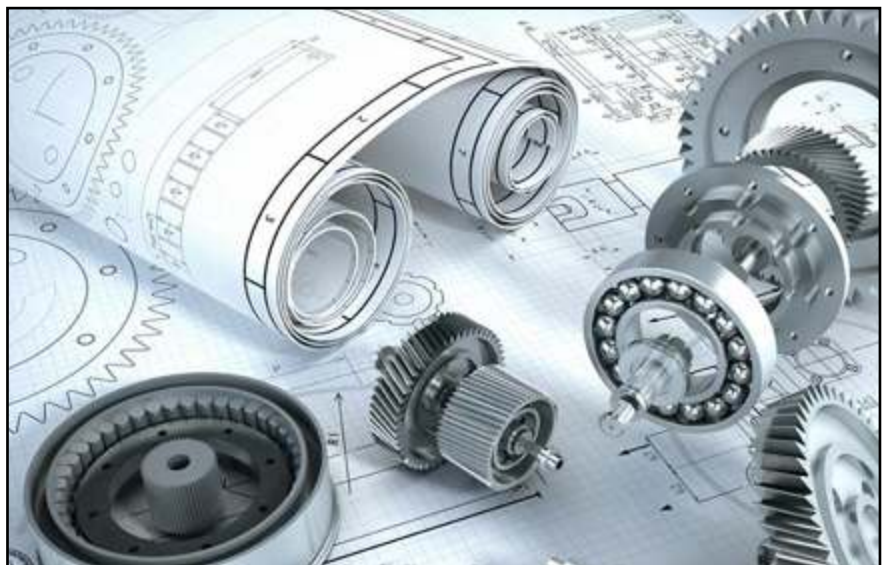
The fifth meeting of the Board of Studies of Mathematical Sciences Department was held on November 16, 2017. The meeting was chaired by Mr. Qaisar Khan, chairman of the department. The external members were Prof. Dr. Ansaruddin Syed, visiting professor of Mathematics, Jinnah Women University, Karachi; Dr. Saleem Iqbal, co-opted Member chairperson, Department of Mathematics, University of Balochistan, Quetta; and Dr. Abdul Rehman, co-opted member, assistant professor, Department of Mathematics, University of Balochistan, Quetta. The Chairperson welcomed the members.

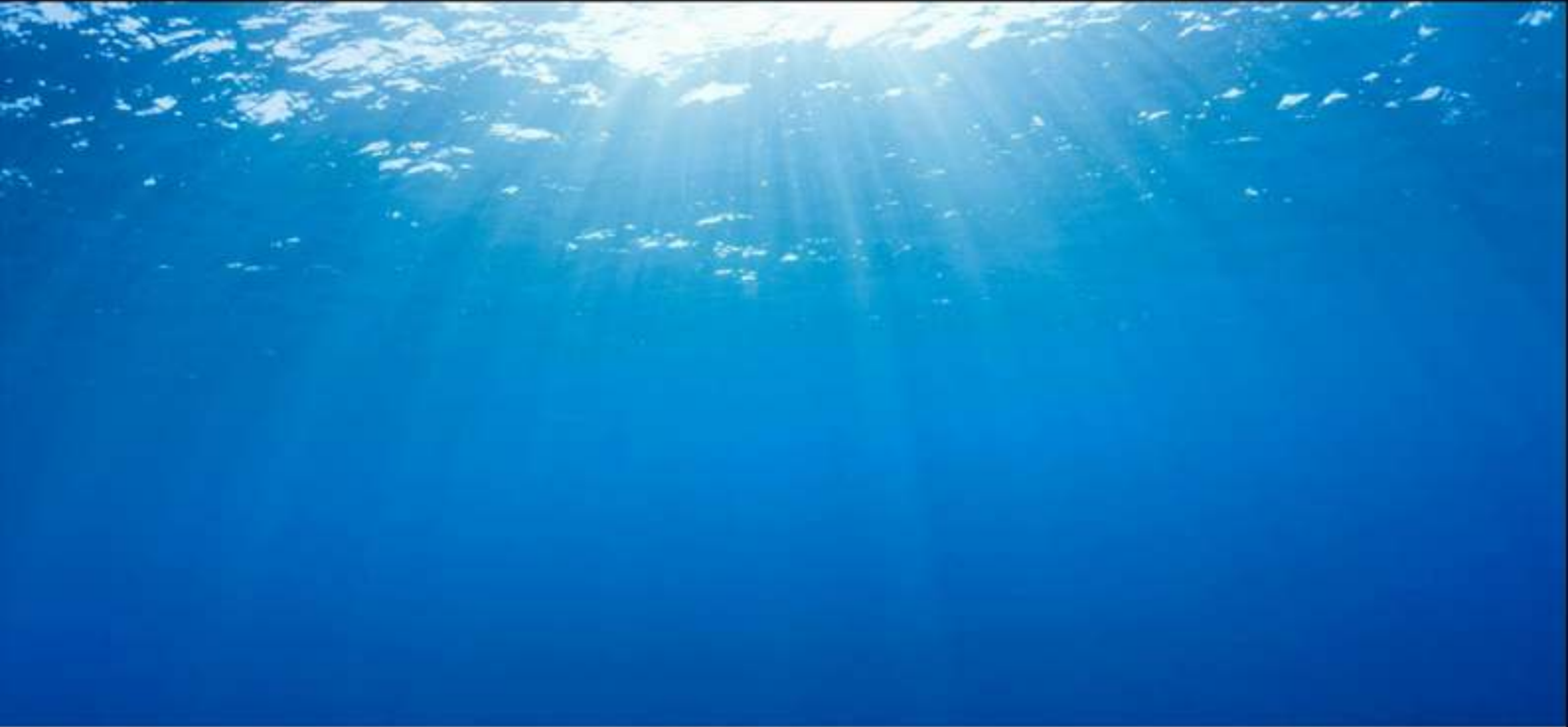
The board recommended contents of the elective courses of BS and MS Mathematics program as per criteria of HEC; panel of external examiners for MS Mathematics students; and approval of the title of synopsis and supervisors for MS Mathematics students.



## Department of Mechanical Engineering

The 2nd Board of Study Mechanical Engineering Department was held on December 20, 2017. Mr. Ahmed Hussain, a member of Board of Study came to verify the credit hours distribution and addition of courses for fulfill the requirement of PEC for adoption of OBE. The meeting was led by Chairperson Engr. Arshad Ali with other faculty members Asif Hussain, Syed Abbas Rizvi, Monaza Shaheen. Respected Dean Dr. M.A. Malghani and Dr. Ali Nawaz were also present during the visit. Mr. Ahmed Hussain also visited laboratories of Mechanical Engineering Department.





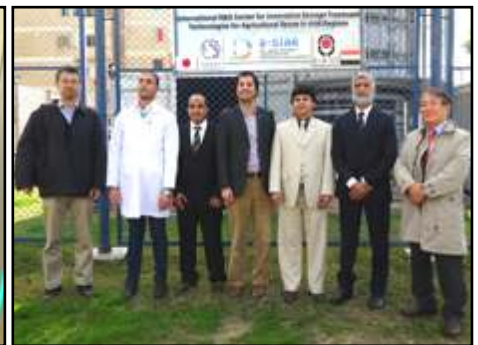


# Visits and Study Tours



## Study Visit of BUITEMS Team to Egypt-Japan University of Science and Technology (E-JUST)

Team from BUITEMS visited Egypt-Japan University of Science and Technology (E-JUST) located in New Borg El Arab city, Alexandria, Egypt under the ongoing JICA-BUITEMS Project *Provision of Engineering Equipment and In-country Training of BUITEMS* on January 16-18, 2017. The purpose of the visit was to: Interchange thoughts, skills and experiments in the field of science and technology, See research facilities and activities at E-JUST and to improve a roadmap for future collaboration between the two universities. From BUITEMS Dr. Ehsanullah, Mr. Muhammad Shah Khan, and Dr. Faisal Mushtaq, while from E-JUST Prof. Ahmed Magdy El-Gohary, Prof. Masaaki Suzuki and Prof. Dr. Amr Eltawil, participated in the meeting. The meeting concluded to have Long-term academic and research partnership, potential MOU for the student faculty exchange and capacity building programs in the fields of Engineering and Technology at BS/MS & PhD level and to Advance initiatives to start new engineering and technology study programs.



## Nest I/O visited BUITEMS

On January 27, 2017 Team from Nest I/O led by Ms. Jehan Ara president P@SHA visited BUITEMS and BBIEC. Nest I/O with pertinent knowledge in the start-up ecosystems plays a key role in the country. The team was informed and explained of BUITEMS creativity on promoting the globalization, entrepreneurship, innovation and community services. They met newly established start-ups officials and appreciated their efforts in their entrepreneurial expeditions. P@SHA has been working as one of the largest associations for technology companies and software houses in Pakistan and in the Incubator field.





## Youth Mobilization Campaign 2017



As part of youth motivation campaign students of different educational institutes of Balochistan on a to visited Lahore on March 22, 2017 for a five-day tour. The program was intended to create harmony and understanding between students and faculties of different provinces. The visit was coordinated by Pak Army and Ministry of Sports, Punjab. The tour included visits to different historical places and well-known educational institutes of the Province. Conferences and meeting were also organized for the students on different issues.

## Thermal Power Station Visit

Electrical Engineering department arranged visit of for fourth and sixth semester students to Thermal Power Station, Sheikhmanda, Quetta on March 29, 2017. The purpose of this visit was to familiarize students on Electrical Machinery such as Transformers, Alternators, power distribution system and operation of thermal power station. Electrical Machines and Power systems are the essential subjects of Electrical Engineering and it is compulsory for students to comprehend their practical aspects.



In the three sessions the first session was related to Transformers. The second session provided information about Power Distribution System and the third session revolved around Thermal Power Station.

## Visit to Precision System Training Center



Department of Mechanical Engineering arranged a visit of sixth semester students to Precision System Training Center (PSTC) of Pakistan Council of Scientific and Industrial Research (PCSIR) Quetta on April 4, 2017. The main objective of the visit was to give practical experience to students in the field of precision mechanical engineering.

Students visited the conventional workshop where they were briefed about the use of hand and measuring tools required for precision work. They were introduced to mechanical tools and operations like operation of lathe, shaping machines, power

hacksaw, drilling and thread cutting, brazing and soldering. Students were also briefed about the operations of CNC Milling, CNC Lathe, CNC Die Sinker, and CNC Wire cut Prototype Machines.

## IAPex 2017 Student Jamboree



Institute of Architects Pakistan-Lahore Chapter arranged a three-day Building Material Expo and student jamboree on April 24-27, 2017. The Expo was organized to unite and bring together Architects, Builders, Academia and Exhibitors. The title for this year's conference was *Conservation of Heritage- exploring new contexts*. The theme of the student jamboree events held was *aik dafa ka zikr hai*. Architecture students from all the architecture schools in

Pakistan contested for the prize trophy with great excitement and enthusiasm. Ghania tul Hijab won a prize trophy of twenty thousand rupees for her photograph and essay.

## Study Visit of Radio Pakistan

On May 12, 2017 the faculty and students of Department of Mass Communication visited Radio Pakistan Quetta center. In this visit students were briefed about Radio Program Production .The senior program producers and other senior staff members at the center enhanced the knowledge of the students. Students visited different parts of the station including off-air and on-air studios, newsroom and the auditorium. The faculty members also shared some moments of mutual understanding regarding the practical aspects of learning with the management and administration of the station. In the end, the station director held an interactive session with the faculty members and students regarding radio program, its scope, future and challenges.



## Visit of Pakistan Television Quetta Center

May 12, 2017 a Visit to Pakistan Television Quetta Center was arranged for the students of Department of Mass Communication accompanied faculty members. During this visit students learnt information of producing programs and live news bulletin. The senior producers and engineers of PTV Quetta center shared their experiences and ideas with students about program production and live shows. students were briefed about Camera handling, nonlinear editing, linear editing, makeup, lightning, stage designing, set designing and technical points of audio visual room (AVR) and master control room (MCR).



### **BUITEMS Visit to Piraeus University Greece**



On May 18-23, 2017 the faculty members of Textile Department visited the Piraeus University of Applied Sciences in Athens Greece. The aim of visit was to discuss research ideas, experiences and current challenges in the field of Textile Engineering. They also discussed the future plans for academic and research

collaboration between the two institutes. BUITEMS was represented by Dr. Qasim Siddiqui, and Engr. Syed Qutaba Bin Tariq. BUITEMS team also presented a research paper at the 17th World Textile Conference AUTEX 2017 organized by Department of Textile, Piraeus University at Corfu Island on May 29-31, 2017. The Association of Universities for Textiles (AUTEX) conference is one of the most important scientific events in the international community of textiles.



### **Pakistan Engineering Council Visit for Accreditation**

On May 29-30, 2017 two-day visit of Pakistan Engineering Council for Accreditation of Fall 2012 Batch of Electrical Engineering Department was conducted in the video conference room Takatu Campus BUITEMS. Ms. Ayesha Shaukat Assistant Professor Electrical Engineering department welcomed the faculty and PEC team. She delivered presentation to the visiting team which included information related to BUITEMS and Electrical Engineering Department. Presentation was followed by question and answer session. At the end the team visited



the dedicated labs of the department, central and departmental library and had an interaction with the faculty and students.



## Study Tour of Geological Engineering Department



On July 29, 2017 of BS-Geological Engineering arranged study tour to Islamabad. A group of fifteen students was led by Mr. Nasir Khan and Mr. Amjid. The trip got started the next day with a visit to natural beauties of Islamabad followed by Murree and Muzaffarabad where people from eight different universities, two oil companies and field experts joined on the trip. The purpose of the trip was to visit fields and study the “Tectonic Elements of NW Himalaya”. the foremost tectonic events (MBT, HKS, MCT, and MMT), relating to

main courses of the Geological Engineering discipline including earthquake seismology, applied geology, structural geology and stratigraphy, engineering geology and hydrogeology.

## PEC Accreditation Visit

An accreditation team of Pakistan Engineering Council (PEC) visited Department of Civil Engineering, BUIITEMS, on August 7 and 8, 2017. Engr. Prof. Dr. Sharif Bhatti, Swedish College, WAH, Engr. Prof. Dr. Abdullah Saand, QUEST, Nawabshah and Engr. Aijaz Hussain Shah, representative of PEC, Islamabad, were the members of the committee. The members evaluated the study program in terms of resources, infrastructure, curriculum and procedures followed to conduct the labs. The visit included an introductory meeting with Vice Chancellor and Dean, Faculty of Engineering and Architecture. Dr. Saeedullah Jan Mandokhail gave a brief presentation about the progress and future plans for the Department of Civil Engineering. PEC team members also conducted Interactive sessions with faculty members and students separately.



### Harvard University Summer Program

On August 10, 2017, Tanzeel Khan, the student of BS Microbiology gave fame to BUIITEMS through her selection to trans-national summer program introduced by the prestigious Harvard University of USA. The Harvard Crossroads Summer program is designed to provide a shared platform to the young global community for brainstorming entrepreneurial ideas for some breakthrough business ventures. Tanzeel got selected from among four thousand applicants coming from ten different countries after a rigorous selection criterion set by Harvard University. A batch of fifty-two students/graduates was invited to Dubai by the UAE government for a week-long orientation program at Dubai as a hub of international business and trade. She was the only student selected from Balochistan.



### Field internships for Petroleum & Gas Engineering students at OGDCL



The students of department of Petroleum and Gas Engineering went for summer paid field internships at Uch Gas Field of Oil and Gas Development Company Limited (OGDCL) for 4 week from August 15, 2017 to September 15, 2017. Coordinator for Field Affairs, Department of Petroleum and Gas Engineering was highly grateful to Petroleum Industry for providing leading internships and Field tours to BUIITEMS.

### Study Tour IT Department



An industrial study tour by the Department of Information Technology was organized to Islamabad, for the students of BSIT-13F, led by two faculty members, Miss Ayesha Iftikhar and Mr. Irfan Ahmed Magsi from August 19, 2017 to August 29, 2017. The students visited Teradata Corporation Islamabad, Elixir software house Islamabad, PTCL National operation center Islamabad, Inductin software house Islamabad and Satellite Earth Station Malachh. It helped students discuss their future plans, goals, jobs and internship acquisition in the

mentioned organizations and the scope of their different areas of interest.



### **Industrial Tour of BS Telecommunication Engineering Students**



The Department of Telecommunication Engineering arranged an industrial tour for final year students to Islamabad from August 19, 2017 to August 28, 2017, accompanied by the faculty members. The purpose of the tour was to provide practical exposure to the students related to academic settings and learning opportunities available at different Telecom industry of Pakistan. The delegation visited National Institute for Electronic (NIE), where students were briefed about the structure of the organization,



research tasks. During the visit of National Network Operation Centre (NOC) at PTCL exchange, students were given briefing on various switching modules, Transit setup, IPTV Data center, Next Generation Networks (NGN). At Huawei Corporation, students were briefed about emerging technologies such as optical transport, switching and Transmission. The students had good interaction with researchers at Pakistan Council of Renewable Energy Technologies, Islamabad. On the last day, students visited National Radio and Telecommunication Corporation (NRTC) Haripur.

### **Study Visit of Duddar Lead-Zinc Mine Project**

Faculty members from BUIITEMS visited the Duddar Lead-Zinc mining project from Sept. 15-17, 2017. The faculty members were Prof. Dr. M. A. K. Malghani, Prof. Dr. Mohammad Ali Shah, Prof. Dr. Rehan ul Haq Siddiqui, and Engr. Ghulam Shabir. The team was headed by Prof. Dr. M. K. Malghani. The Duddar Lead -Zinc Mine Project is located in Khanraj Valley of Lasbela District, south of the Balochistan Province and at 200 km north of Karachi, Sindh. In 2003, Pakistani government and Chinese government signed the "Duddar Lead-Zinc Mine Development Agreement" in Beijing.



The project was jointly developed by MCC and Pakistan Minerals Development Co., Ltd. (PMDC). The Duddar project has a designed annual processing capacity of 500,000 tons of ores. After a formal meeting with the Chairman Duddar Lead-Zinc Mine Project Mr. Weiqing Ma, Mr. Liukai (personal secretary), and the Vice Chairman (Pakistani side) Mr. Humayun Mahmood the BUIITEMS team visited the 1100 meters deep underground mine, witnessed the mineral processing system on the surface, and also visited the plant's power plant. The major objectives of the visit of the BUIITEMS team was to explore collaboration possibilities with

respect to research and training of faculty and students.

**A visit to Alaska**

Faculty member from BUIITEMS Engr. Rabia Qadar, Assistant Professor, Department of Telecommunication Engineering, visited Alaska United States of America from September 19-22, 2017, where she presented her research “Monte Carlo Based Estimation and Performance Evaluation of Temporal Channel Behavior of UWOC under Multiple Scattering”. The 5 day visit funded by Higher Education Commission travel grants was a whole new experience in terms of making international research collaborations and of course making new friends. The conference included the personation of papers, exhibits from ocean equipment and service suppliers, student posters and student poster competition, tutorials on ocean technology, workshops and town meetings on policy and governmental process. The vast conference program included 11 technical topics with more than 900 participants and 25 speakers from all over the world



**Youth Mobilization Campaign – Exposure Visit of Students from Balochistan**

The youth mobilization campaign exposure visit of students from all over Balochistan was organized by Voice of Balochistan (VOB) from September 23 to 29, 2017. The students visited IM Sciences Peshawar, Islamia College Peshawar, FC Head Quarters (FORT BALAHISAR) and interacted with Chief Minister Khyber Pakhtunkhwa, Mr. PervaizKhattak. The students also visited PAF Academy, Risalpur, PAK Army Museum, NUST followed by interaction with the HEC chairman Mr. Mukhtar Ahmed. The students also visited ISPR headquarter where they interacted with the Chief of Army Staff, General QamarJavedBajwa NI (M), HI (M). At COMSATS a cultural night was organized in which BUIITEMS students actively participated.



**Re-Accreditation Visit by Pakistan Engineering Council**

Pakistan Engineering Council team visited BUIITEMS on September 25-26, 2017 for the re-accreditation of BS Chemical and Geological Engineering programs. The visit included introductory meeting with Worthy Vice Chancellor, Engr. Ahmed Farooq Bazai (SI) and Engr. Dr. Abdul Malik Rehan Abassi, Acting Dean Faculty of Engineering & Architecture, BUIITEMS. Engr. Dr. Faisal Mushtaq, Chairperson Department of Chemical Engineering welcomed the PEC visiting team and presented the silent features of the programs and briefed the team about Geological engineering program. The PEC team visited all labs of the departments, central and departmental library and allied facilities. At the end of the visit, arrangements were made for the interaction of visiting team with the faculty members and students separately.



**Department of international relations Exposure visit to Command and Staff College Quetta**

An Exposure visit to Command and Staff College Quetta for the students of BS International Relations was arranged by the Department of International Relations BUIITEMS under the supervision of Mr. Mati ullah Tareen and Mr. Hidayat ullah Khan, on September 29, 2017. The students had intern cation with the Major General Amir Abbasi, commandant of the staff college followed by question and answer session. Commandant of the staff college appreciated BUIITEMS for playing its part in the development of education in Baluchistan and also honored students for their intellectual capabilities. Students later visited the library, Admin Secretariat and Museum of the Staff College. Followed by refreshment and group photo session with staff.





### **Study Tour (Department of Mass Communication)**

A Ten-day Study tour of Department of Mass Communication was arranged from October 15, 2017. The study tour delegation consisted of 19 students led by two teachers Ms. Sumaira Zakir and Mr. Ikramullah. Travel began from Islamabad to Northern areas and extended to Peshawar. It included notable meetings and sessions in Office of Pakistan Ministry of Information, Headquarter of PTV, Media Houses, Dutch Walle Academy, PEMRA Head Office and visited several recreational, religious and cultural places in Islamabad. A live session of National Assembly with memorable applauding desk ovation by MNA’s boosted the confidence of the students. Delegation visited PM House, PM Secretariat, Legislative Assemblies, Disaster Management Authority, AJK TV Station, Sharad University and Keran Velly in Kashmir. DG Frontier Corps Peshawar invited the delegation for Lunch and appreciated the initiative of such lucrative study tours.



### **Study Tour (Department of English)**

A Ten-day Study tour of Department of English was arranged from October 15, 2017. The study tour delegation consisted of 10 students led by two teachers Ms. Fariha Zakir and Mr. Abdul Waseh. Travel began from Islamabad to Northern areas and extended to Peshawar. The students were taken to the Parliament for an in-session spectacle at the National Assembly. Later they visited notable universities of the various cities and interacted with the faculty members and chairpersons of the Department(s) of English and Applied Linguistics at these universities. The first hand experience of interation with the faculty members and the people of various cities is a refreshing experience for the students at the end of their undergraduate studies.



**Study Tour (Department of Civil Engineering)**

A ten-day study tour was arranged for the final year students of BS-Civil Engineering, , started from 5th Nov 2017. The delegation of students, under the supervision of Engr. Shiva Nath and Engr. Syed Jahanzaib Shah, visited the prestigious academic institutions of Peshawar, Islamabad and Lahore. The tour commenced from visit to Earthquake Engineering Center (EEC) at UET Peshawar, where the students were given a formal welcome by Registrar UET Peshawar. The Delegation also visited NUST, Islamabad. the students were shown different Schools of Civil Engineering labs. A Visit to UET Lahore proved beneficial for the students in terms of academic knowledge.



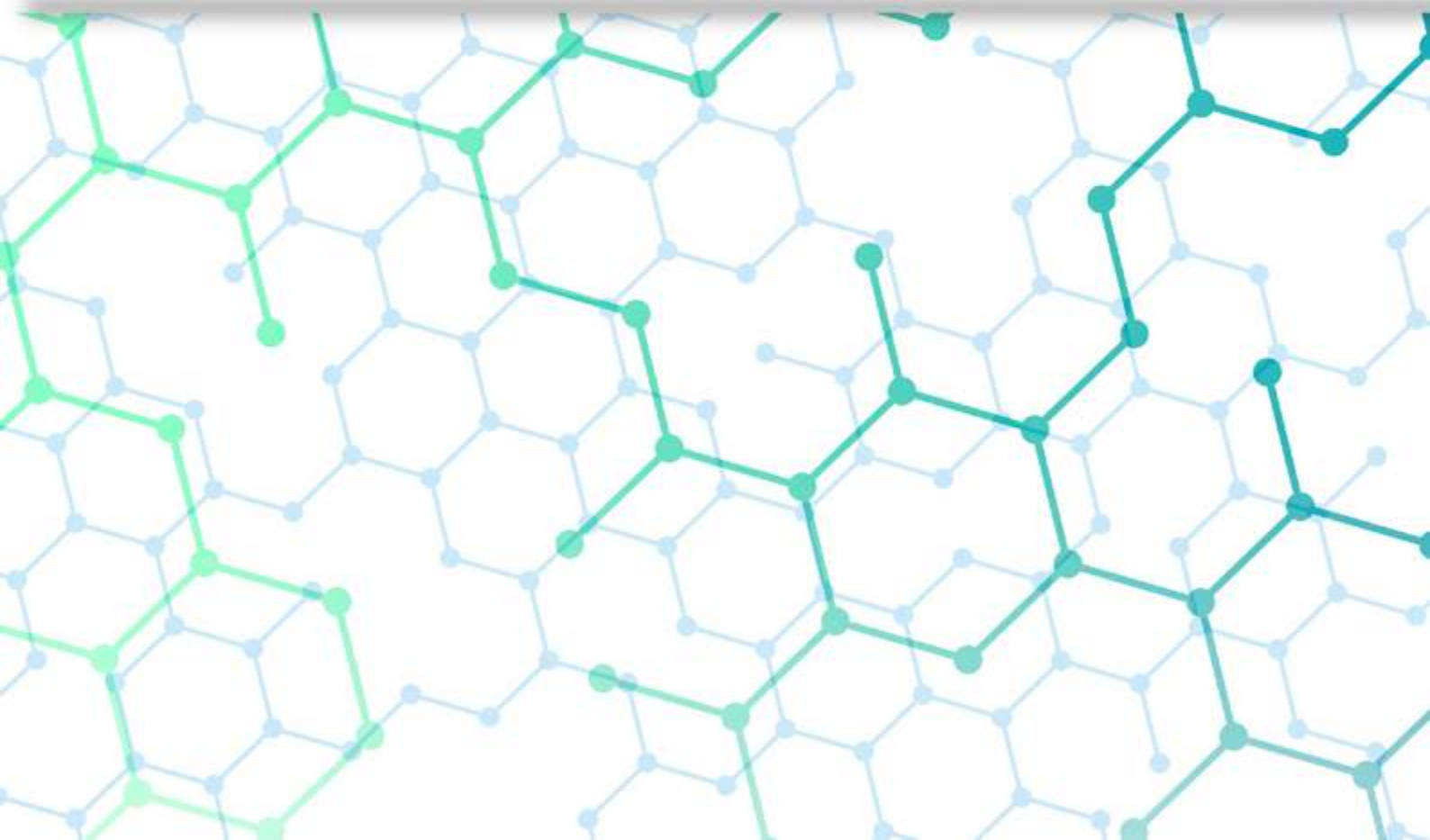
**Mass communication students visit to Khyber TV & K2 TV Channels**

The student of mass communication department visited Khyber TV on 2nd December 2017. The delegation was headed by Mr. Arsalan Qureshi, Lecturer Department of Mass Communication. The visit was to introduce the use of practical instruments, camera techniques and television setup . The Bureau chief of Khyber TV Amanullah guided the students to make tickers, live coverage, beepers, use of transmission and setup of monitoring control room (MCR). Students were also briefed about News casting from teleprompter and News editing. Mr. Amanullah took audition of different students for internship and offered internships and jobs as Newscaster and producers to potential students.





# Research & Development



# Research Projects

## Faculty of Engineering & Architecture

### Department of Chemical Engineering (BS Chemical Engineering)

The below tables show the research work conducted by the students during their course of study in the year 2017 under supervision of their faculty members.

S.No.	Name of Students	Title	Supervisor
1	Shahid Wali Khattak, Muhammad Shoaeb, Abdul Waheed, Abdul Qadoos Khan	Production of Ethanol from Quetta Pine cone using separate Saccharification and fermentation (SSF) Technique	Engr. Awais Sattar Ghouri
2	Muhammad Attique, Zumrud Imdad, Liaqat Ali, Farhan Ullah	Selection Criteria of Polymer for Enhance Oil Recovery from Reservoir	Engr. Muhammad Shahid
3	Muhammad, Zahid Hussain, Akhtar Hussain, Nasir Khan	Desulphurization of diesel by Liquid-Liquid Extraction Method	Engr. Rizwan Younas
4	Salman Anwar, Mir Hassan, Zubair Ahmad, Sarwar Jan	Energy Optimization in convective Heat Transfer using Pin/Fin Heat Exchanger	Engr. Hafiz Muhammad Babar
5	Muhammad, Arif Shah, Muhammad Samiullah, Asif Jalal, Mohammad Haroon	Treatment of Municipal Waste Water through Adsorption by using different waste Biomass Activated Carbon	Engr. Mustafa Kamal
6	Danial Ahmad, Muhammad Adnan, Yasin, Iftikhar Ahmed	Production of Ethanol from Sugarcane Bagasse through Fermentation by Yeast ( <i>Saccharomyces Cerevisiae</i> )	Engr. Nasir Rafique
7	Syed Abdul Waheed, Saleh Basir, Abdul Hameed	Simulation of LPG recovery Plant and recovery of LPG from NGL through Conventional Technology	Engr. Saadat Ullah Khan Suri
8	Asfandyar Khan, Abdul Waheed, Muhammad Naeem Bugti, Badar-ud-Din	Desulphurization of Machh Coal by Leaching Process	Dr. Faisal Mushtaq
9	Iqbal Hussain, Hafeez Ullah, Muhammad Zaheer, Faique Ahmed	Electricity Generation from Microbial Fuel Cell (MFC) using Sludge and Mud	Engr. Tufail Mustafa
10	Naeem Hussain, Shahab-ud-Din, Najm-us-Saqib, Liaqat ali	Analysis of Weight Loss and Heating Value of Coal and Biomass Blends	Engr. Siddique Nasar

## Faculty of Information & Communication Technology

### Department of Electronic Engineering (BS EE)

The below tables show the research work conducted by the students during their course of study in the year 2017 under supervision of their faculty members.

S.No.	Name of Students	Title	Supervisor
1	Zaheer Ud Din (29892) M. Bilal (29620) Qasum Khan (28452) Abid Hussain (28493)	Energy Efficient Smart Street & Traffic Light System	Engr. Syed Awais Athar
2	Zain Nadeem (28092)	Traffic Sign Tagging for Self-Driving Cars	Dr. Abdul Samad
3	M. Zakir (30020) Ikramullah Khan (29450) Ihsan Ullah (30123) Imran Ali (29396)	Induction Heating System (IHS) Using Resonant Power Converters	Engr. Syed Awais Athar
4	M Asim Khan (30266) Sajid Wali (30673)	Drone Undermines Detector Using GPR	Engr. Muhammad Arif
5	Waseem Ali (31375) M. Haider (30187)	RLC & PLC Trainer for Control & Automation Lab	Engr. Syed Awais Athar
6	Shahid Hassan Mian (29014) Mushtaq Ali Khan (30430) Ejaz Ul Jaq (28696)	An Optimized Genetic Algorithm (GA) & Extended State Observer (ESO) Based Linear Quadratic Regulator (LQR) Controller for Ball & Beam System	Dr. Anayat Ullah
7	Mohsin Altaf (28748) Rizwan Tahir (29085) Waseem Bari (28802) M. Shehzad (29454)	Energy Harvesting Using Composite Material Wind Turbine	Engr. Syed Awais Athar
8	Jahandad Khan (29859) M. Anees (28326) M. Danish (29774) M. Ayaz (29010)	Automation of Substation Using Arduino & SCADA	Engr. M. Arif
9	Syed Hayat Ullah (28449) Akmal Wali (28345)	Single Phase Nine Level Cascaded H-Bridge Multi Level Inverter	Engr. Syed Owais Athar
10	Gohram Ghani (30455) Murad Ali (29192) Ali Muhammad (28575) Shoaib Nazeer (29704)	The Characterization of a Textile Piezo Resistive Strain Sensor for a Gesture Recognition Glove	Dr. Anayat Ullah

## Faculty of Arts and Basic Sciences (FABS)

### Department of Physics (BS Physics)

The below tables show the research work conducted by the students during their course of study in the year 2017 under supervision of their faculty members.

S.No.	Name of Students	Title	Supervisor
1	Saifullah BS Physics 2017	A review report on "Coal Energy"	Dr. H M Noor ul Huda Khan Asghar Chairperson Physics
2	Muhammad Sulaiman BS Physics 2017	A review report on "Solar Energy"	
3	Habib ur Rahman BS Physics 2017	A review report on "Oil and Gas Energy"	Dr. Zaheer Abbas Gilani Assistant Professor Physics
4	Saira Yasmeen BS Physics 2017	A review report on "Wind Energy"	
5	Muhammad Yousaf BS Physics 2017	Quantum Dots	Dr. Tasneem Zahra Professor of Physics
6	Muhibullah BS Physics 2017		
7	Aziz ur Rahman BS Physics 2017	A review report on "Nuclear Energy"	Dr. Jalil ur Rehman Assistant Professor Physics
8	Muhammad Zahid Iqbal BS Physics 2017	A review report on "Bioenergy"	
9	Qurratulain BS Physics 2017	Hydropower energy as renewable Energy	Dr. Shoaibullah Khan Associate Professor of physics
10	Zeeshan Awan BS Physics 2017	A case study on renewable Energy	Dr. Hamdullah Khan Professor of Physics



## Faculty of Arts and Basic Sciences (FABS)

### Department of Physics (MS Physics)

The below table shows the research work conducted by the students of MS degree in Physics during their course of study in the year 2017 supervised by respective faculty members.

S.No.	Name of Students	Title	Supervisor
1	Muhammad Hussain	Impacts Of Erbium on the Structure and Dielectric Properties of Cobalt Spinel Ferrites	Dr. H M Noor ul Huda Khan Asghar Chairperson Physics
2	Sameen Aslam	Role of Praseodymium and Neodymium on The Properties of Lithium Ferrites	Dr. Zaheer Abbas Gilani Assistant Professor Physics
3	Sundas Zafer	Preparation and Characterization of Carbon Nanotube Based Conducting Polymer Composites	Dr. Tasneem Zahra Professor of Physics
4	Muhmmad Kaleem	Experimental Study of Glow Discharge at Low Pressure	Dr. Hamdullah Khan Professor of Physics
5	Shehzad	Study of The Dust Potential of Plasma Sheath in a Dusity Plasma	









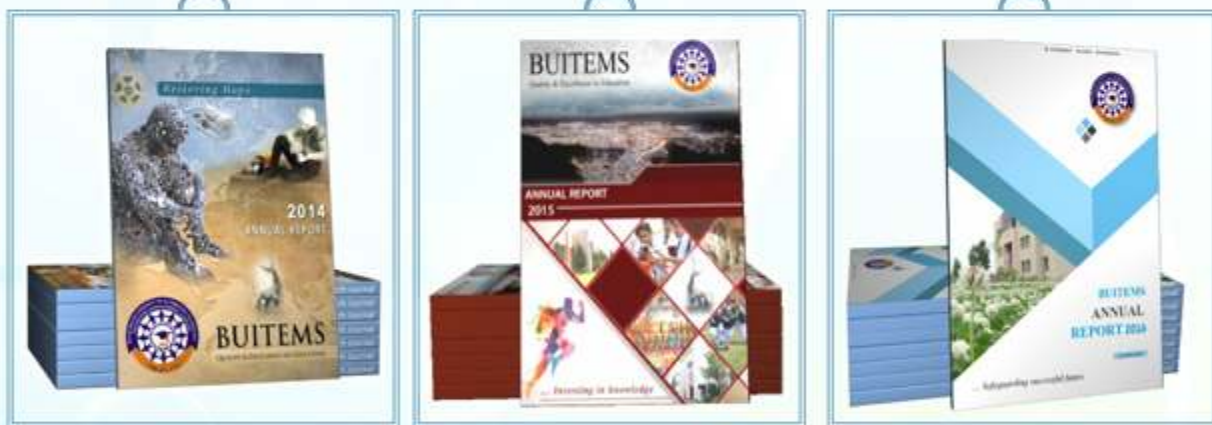
# BUITEMS PUBLICATIONS

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

# NEWSLETTERS



# ANNUAL REPORTS



# RESEARCH JOURNALS

## JOURNAL OF APPLIED & EMERGING SCIENCES



## BUISTEMS Journal of Social Sciences and Humanities





# Conferences



**NBEAC Deans and Directors Conference**

Dr. Abdul Salam Lodhi, Dr. Abdul Raziq and Dr. Noor Muhammad of BUIITEMS attended National Business Education Accreditation Council (NBEAC) Dean and Directors Conference on February 7-8, 2017 in Islamabad. This year the conference theme was “Business Education and Its Context: Points of Convergence and Divergence”.



**Seventh International Mechanical Engineering Conference**

International Mechanical Engineering Conference was organized on March 24-25, 2017 by Institute of Engineers Pakistan and NED University of Engineering and Technology. BUIITEMS was also a collaborating partner in the event along with Higher Education Commission Pakistan and Pakistan Navy College NUST.

A delegation consisting of students from Mechanical Engineering Department and faculty members from Faculty of Engineering represented the University in the conference.



### International Electrical Engineering Conference (IEEC'17)



The Department of Electronic and Electrical Engineering BUIITEMS, participated in the *Second International Electrical Engineering Conference (IEEC'17)* on innovation and advances in the field of electrical engineering, held on May 19-20, 2017, at the Institution of Engineers, Pakistan (IEP), Karachi Center.

The following graduate students and faculty members from the department of electronic and electrical engineering attended the conference and presented their research work: Janzaib Masood: Effect of Hidden Layers in Artificial Neural Networks for Snake

Robot Locomotion Control, Luqman Sarangzai: Stress Optimization for a MEMS Multilayer Fixed-Fixed Beam, Surjeet Kumar: Textile sensors for monitoring body movement, Dr. Imran Qureshi: Automatic Detection of Tuberculosis in Chest Radiographs using Machine Learning, Zulkafil Abbas: A novel PLC based Automated Bottle Filling Plant Design.

### Fifth National Conference on Physics and Emerging Sciences

The fifth national conference on Physics and Emerging Sciences was arranged by the Department of Physics, Allama Iqbal Open University (AIU) on July 4 and 5, 2017. During the two-day conference, Dr. Hamdullah Khan Tareen from BUIITEMS chaired a session and presented a paper on "Effects of preionization on the axial run-down velocity, focus amplitude and current sheath formation in 3.3 kJ small He plasma"



### International Conference & Industrial Exhibition on Dairy Science Park

The 4<sup>th</sup> International Conference and Industrial Exhibition on Dairy Science Park (DSP) were held on November 1-5, 2017 at Selçuk University- Konya, Turkey. Prof. M. Naeem Shahwani, director ORIC represented BUIITEMS in this event and presented a paper titled “The Impact of Salt Stress on Germination, Growth and Ontogeny of Barley (*Hordeum Vulgare L*) Genotypes from Arid and Temperate Regions”. He was also a session chair.



### First International Conference on Pakistani Narrative

The 1<sup>st</sup> International Conference on Pakistani Narrative was held by University of Sargodha Mandi Bahaudin Campus from 9-14 November, 2017. attended by local and foreign delegates . Ms Naima Minhas Assistant Professor, department of English, BUIITEMS got Best Presenter Award on presenting paper on ‘Bi-coherence in Situational Irony: Wit and Humor in Pakistani English Nursery Rhyme “How was I Supposed to Know?”’. She also chaired session on Histro- political narratives. and delivered a lecture on “The Role of BUIITEMS in Empowering Balochistan Youth”.





## **International Conference on Migration, Integration and Social Cohesion**

International Center for Refugee and Migration Studies (ICRMS), BUIITEMS, in collaboration with the United Nations High Commission for Refugees (UNHCR) and Higher Education Commission (HEC), Pakistan, organized its **First International Conference on Migration, Integration & Social Cohesion (ICMISC)** on 19-20 December 2017 at BUIITEMS, Takatu Campus.

Vice Chancellor, BUIITEMS, Mr. Ahmed Farooq Bazai (S.I) was the chief guest at the conference. Apart from a diverse ensemble of forty national and international speakers, the conference also brought together a large number of faculty members, students, researchers, academics, professionals, representatives from UNHCR, heads of various NGOs and a special delegation of allied army officers of the Command and Staff College, Quetta.



The conference was structured around 14 sessions in the Pink and Orange Halls of BUIITEMS, Takatu Campus. The four keynote speeches focused on major questions and issues related to refugees and migration in the contemporary world. The papers shed light on various themes related to migration and refugees and discussed the various cases of conflict, migration, refugees, forced migration and protracted displacements around the world. All the speakers agreed that refugee crisis and migration of people from one country to another country was a burning issue of the day, which needed serious attention from governments and other stakeholders.

The conference ended with the award of shields and souvenirs among the speakers and members of the organizing committee.





## **International Civil Engineering Conference**

Lecturers from the Department of Civil Engineering, BUIITEMS, Engr. Nasir Shah, Engr. Zafar ullah, Engr. Muhammad Ayoub, and Engr. Ahmed Bilal represented BUIITEMS in the 9th International Civil Engineering Conference, ICEC 2017; on Striving towards Resilient Built Environment, held on December 22-23, 2017, at the Institution of Engineers Karachi Center. Where they presented their respective research work;



**Engr. Syed Nasir Shah:** *“Experimental Investigation of Natural Waste Fiber (Coir and Jute) Reinforced Concrete in Term of Compressive Strength and Workability”*

**Engr. Syed Zafar ullah:** *“Compressive Strength Evaluation of Using Waste Fly Ash and Marble Dust in Cement Mortar”*

**Engr. Ahmed Bilal:** *“Improvement of Soil Properties of Baleli and its Vicinity with Lime and Cement”*

**Engr. Muhammad Ayoub:** *“Compressive Strength Evaluation by Adding Marble Stone Dust and Wood Saw Dust as Replacement of Cement and Fine Aggregate”*



## **Conference on Pak-Afghan Peace & Reconciliation**

A Three day conference on December 19, 2017, was arranged by Mediothek Afghanistan over Pakistan and Afghanistan Peace & Reconciliation in Kabul, Afghanistan. Twelve participants from Departments of Mass Communication from across Pakistan participated in the event; Mr. Fataullah student of Mass Communication Department studying in 8th semester represented BUIITEMS. Speakers emphasized on the peace and stability and highlighted various human rights causes to be aware and strengthen the dialogue and discussion. On the 2<sup>nd</sup> Day Advisor to the President Afghanistan and Deputy Minister for Information and Culture addressed to the participants and media about relation between both nations. Later attendants from both sides had a debate and question and answer session. On the last day participants were taken to the outskirts of Kabul for some adventure and fun to create positive understanding between people of Afghanistan and Pakistan.







# Seminars



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Awareness Seminar on ISO 9001:2015**

Staff of QE and A BUITEMS

IBA main campus Karachi

February 21, 2017

Dr. Shahid Raza Mir Director, QEC, IBA Karachi; Dr. Rameez Khalid Academic Director, IBA Karachi.

Quality Enhancement Cell (QEC) IBA Karachi

Dr. Farrukh Iqbal, Dean and Director of IBA



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**National women's day**

All females at BUITEMS

Takatu campus Quetta

February 22, 2017

Mr. Ishfaq Mengal from Aurat Foundation Regional Office

BUITEMS

Professor Dr. Nawaz and Dr. Ehsan Kakar.



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Functions of State Bank of Pakistan**

Students of MBA

City Campus BUITEMS

April 14, 2017

Mr. Khalid Mehmood, Assistant Chief Manager Development, Finance and Support Unit. Mr. Sher Jan, Assistant Director Development Finance and Support Unit BP-BSC Quetta,

Students of MBA (Banking and Finance) 7th Semester

Ms. Sadia Babar, Mr. Zeeshan Khalid, and Mufti Shahab Naimat, Faculty members of the Management Sciences Department.



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Electrical Safety**

BUITEMS Teaching Faculty and students of Engineering Department

Takatu Campus, BUITEMS

April 17, 2017

Mr. Noor Muhammad Bugti, Instructor Oil & Gas, Karachi

Directorate of Human Resource Development in collaboration with Faculty of Engineering, Faculty of ICT and Pakistan Engineering Council, Pakistan

Ms. Fakhra Ramzan, Director Human Resource Development and Dr. Ehsan Ullah Kakar, Dean, Faculty of Engineering, BUITEMS



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Intellectual Property, Patent & Trade Mark**

Researcher and Teaching Faculty of Various Department/ Institution of Balochistan

Takatu Campus, BUIITEMS

April 18, 2017

Syed Nasrullah, Deputy Director IPOPOP, Karachi; Ms. Urooj Fatima, Patent Examiner, IPOPOP, Karachi; Prof. Dr. Naeem Shahwani, Director, Office of Research, Innovation and Commercialization (ORIC) BUIITEMS

Directorate of Human Resource Development in collaboration with Office of Research, Innovation and Commercialization (ORIC) BUIITEMS and PASTIC, Karachi

Ms. Fakhra Ramzan, Director Human Resource Development and Dr. Naeem Shahwani, Director, Office of Research, Innovation and Commercialization (ORIC) BUIITEMS



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Problem Statement for Quality Research**

Graduated and undergraduated students and faculty members, BUIITEMS

At Green Hall Takatu Campus

April 21, 2017

Dr. Ali Nawaz Mengal, Chairperson Petroleum and Gas Engineering Department, BUIITEMS

Faculty of Engineering and Architecture, BUIITEMS

Department of Petroleum and Gas Engineering, BUIITEMS





**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Biotechnology Driven Socio Economic Development**

Students from BS, MS and PhD

Green Hall, BUITEMS

May 02, 2017

Dr. Shahid Mansoor (SI), Director NIBGE, Faisalabad

Biotechnology Department, BUITEMS

Dr. Naseebullah Kakar, BUITEMS



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Geology, Alteration and Mineralization of the Reko Diq Porphyry Copper-Gold Deposits, Chaghi Belt, Balochistan**

Students, academia and industry

Green Hall BUITEMS

July 6, 2017

Dr. Abdur Razique, University of British Columbia, Canada, Professional Geoscientist of the Exploration Team of Reko Diq, Copper- Gold Project; Dr. Muhammad Zaka Emad Post Doc, Ph.D, McGill University, Canada, Assistant Professor, Department of Mining Engineering, UET Lahore

Department of Mining Engineering, BUITEMS

Department of Mining Engineering, BUITEMS



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Cryptocurrency: New solution for Global Payments**

Library Staff of various Balochistan Universities / Colleges and Departments

Takatu Campus, BUIITEMS

July 10, 2017

Mr. Waqas Ahmed, Senior Investment Executive in PRIMUS INVESTMENT, Pakistan

Directorate of Human Resource Development in collaboration with Faculty of Engineering, BUIITEMS

Ms. Fakhra Ramzan, Director Human Resource Development and Dr. Malik Rehan Abassi, Associate Prof. Dept. of Textile, Faculty of Engineering, BUIITEMS



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Scanning Electron Microscopy (SEM)**

Faculty members from various departments.

JICA Hall, BUIITEMS

August 25, 2017

Engr. Zaheer Ahmed, Chairperson Mining Engineering

The FOE&A BUITMES

Dr. Najam Khan Malghani, Dean Faculty of Engineering, BUIITEMS



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**International day of Democracy**

Students from Faculty of Arts & Basic Sciences

Pink Hall, BUITEMS

September 13, 2017

Mr. Quraysh Khattak from UNDP and Muhammad Dawood, Provincial Liaison Officer - SELP, UNDP Quetta Sub-office

UNDP & BUITEMS

Dr. Abdul Wadood Chairperson department of International Relations BUITEMS



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Education for Tomorrow**

Teachers and students of the Education Department of BUITEMS, SBK and UoB

Training Hall, BUITEMS

October 18, 2017

Madam Nargis Rashid, Independent Education Management Professional and Educational Consultant from Birmingham, United Kingdom

BUITEMS

Department of Social Sciences, BUITEMS



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Technology Development Fund**

Teaching Faculty of BUIITEMS and Other Universities/ Departments of Balochistan

Takatu Campus, BUIITEMS

October 31, 2017

Mr. Atta Muhammad Kakar, Provincial Member of Steering Committee, HEC, Islamabad

Directorate of Human Resource Development in collaboration with Office of Research, Innovation and Commercialization (ORIC) BUIITEMS

Ms. Fakhra Ramzan, Director, Directorate of Human Resource Development, BUIITEMS and Dr. Hamid Ullah, Assistant Prof. Office of Research, Innovation and Commercialization (ORIC) BUIITEMS



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Importance and Relevance of Literary Studies**

Faculty and Students of Department of English, BUIITEMS

Pink Hall, Takatu Campus, BUIITEMS

November 9, 2017

Dr. Safer Awan dean Languages, NUML

Department of English, BUIITEMS

Ms Maria Khosa, Mr Allaudin, Mr Saeedullah Jan



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Cultural & Ideological Discourses Promoted in English Language Text Books**

Faculty and Students of Department of English, BUIITEMS

Takatu Campus, BUIITEMS

November 9, 2017

Dr. Habibullah Pathan, the director of English Language Development Centre Mehran University of Engineering & Technology Jamshoro

Department of English, BUIITEMS

Dr Liaquat Ali Channa, Dr Syed Abdul Manan



**Theme:**

Organized for:

Venue:

Held on:

Resource Person:

Organized by:

Coordinated by:

**Pakistan's Accession to Shanghai Cooperation Organization and Changing Global Geopolitical Scenario**

Students and Faculty members of IR

Takatu Campus, BUIITEMS

15th November 2017

Dr. Manzoor Khan Afridi, HoD department of Politics and IR, International Islamic University, Islamabad

Department of IR

Mr. Abdul Wadood, Chairperson Department of IR; Dr. Aurangzaib Alamgeer; Mr. Hidayat ullah khan from BUIITEMS



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Personal space**

Female students of BUIITEMS University

Facilitation Center

December 4, 2017

Anqa Gharshin, Lecturer Department of Sociology, BUIITEMS

Department of Social sciences

Zafarullah, Chairperson, Department of Social Sciences, BUIITEMS;  
Anqa Gharshin, Lecturer Department of Sociology, BUIITEMS





# Workshops



<b>Theme:</b>	<b>Communication skills</b>
Organized for:	Students of BUIITEMS
Venue:	City Campus, BUIITEMS
Held on:	January 9, 2017
Resource Persons:	Mr. Habib khan, founder of the Human Element Organization
Organized by:	Students from the Department of Management Sciences
Coordinated by:	Department of Management Sciences, BUIITEMS



<b>Theme:</b>	<b>Zero Carbon Footprint</b>
Organized for:	Faculty Members of Department of Architecture
Venue:	Makli, Sindh
Held on:	December 25, 2016 to January 10, 2017
Resource Persons:	Ar. Yasmeen Lari and MESA (Mukhtar Enterprises Studio for Architecture)
Organized by:	Students and Faculty Member of Architecture
Coordinated by:	TDAP (Trading Development Authority of Pakistan), PCATP (Pakistan Council of Architects and Town Planners)





<b>Theme:</b>	<b>Outcome Based Education System</b>
Organized for:	Faculty of Engineering & Faculty of Information & Communication Technology
Venue:	Takatu Campus, BUIITEMS
Held on:	January 30-31, 2017
Resource Persons:	Prof. Ir. Megat Johari Megat Mohammad Noor, Prof. Founder of Malaysia- Japan International Institute of Technology at UTM Kuala Lumpur & Director of the Engineering; Dr. Nasir Mehmood, Additional Registrar, PEC, Islamabad
Organized by:	Directorate of Human Resource Development in collaboration with Faculty of Engineering BUIITEMS and Pakistan Engineering Council, Pakistan
Coordinated by:	Ms. Fakhra Ramzan, Director Human Resource Development and Dr. Ehsan Ullah Kakar, Dean, Faculty of Engineering, BUIITEMS



<b>Theme:</b>	<b>Specific Purposes MOOC Camp</b>
Organized for:	Faculty members of Department of English
Venue:	Ramada Hotel, Islamabad
Held on:	February 20-24, 2017
Resource Persons:	Ms. Christine Burns and Ms. Cheri Ellefon from ball state university
Organized by:	Ball State University, Indiana, USA
Coordinated by:	US embassy, Pakistan



**Theme:**  
 Organized for:  
 Venue:  
 Held on:  
 Resource Persons:  
 Organized by:  
 Coordinated by:

**University Teaching**

BUITEMS Teaching Faculty  
 Takatu Campus, BUITEMS  
 March 8-9, 2017  
 Prof. Dr. Arif Zaman, LUMS Lahore; Prof. Dr. Irfan Ullah Chudhary, UET, Lahore; Prof. Ahmed Raza, IBA, Karachi; Prof. Dr. Mohammad Nawaz, BUITEMS  
 Directorate of Human Resource Development in collaboration with Faculty of Engineering BUITEMS and Pakistan Engineering Council, Pakistan  
 Ms. Fakhra Ramzan, Director Human Resource Development and Dr. Ehsan Ullah Kakar, Dean, Faculty of Engineering, BUITEMS



**Theme:**  
 Organized for:  
 Venue:  
 Held on:  
 Resource Persons:  
 Organized by:  
 Coordinated by:

**Learning and Assembling UPS**

Students and teachers from various department of BUITEMS  
 Training hall, FICT, BUITEMS  
 April 7, 2017  
 Engr. Ishtiaq Marwat and Engr. Yasir, Lecturers, Department of Electrical Engineering  
 Technical Hand  
 Dr. Surat Khan Khan, Chairperson, Department of Electrical Engineering, BUITEMS



<b>Theme:</b>	<b>Preparation of Self-Assessment</b>
Organized for:	Program Team Members
Venue:	FICT Conference Hall, BUIITEMS
Held on:	April 13-26, 2017
Resource Persons:	Dr. Zahid Rauf, Director, Quality Enhancement and Accreditation (QE&A)
Organized by:	The Directorate of Quality Enhancement and Accreditation (QE&A)
Coordinated by:	The Directorate of Quality Enhancement and Accreditation (QE&A)



<b>Theme:</b>	<b>Iapex Karachi and Students Design Charrette</b>
Organized for:	Students from different architecture schools
Venue:	Expo Center, Karachi
Held on:	April 13-16, 2017
Resource Persons:	Sabeen Mehmood and Ar. Asif Ali from Department of Architecture BUIITEMS
Organized by:	Institute of Architecture Karachi, Pakistan
Coordinated by:	IPA Karachi Chapter



<b>Theme:</b>	<b>BUIITEMS Participation in ATT</b>
Organized for:	Second-year Architecture students from eight different Institutions across the country including BUIITEMS.
Venue:	UET Peshawar Abbottabad Campus
Held on:	May 15-17, 2017
Resource Persons:	Mr. Naveed-ur-Rehman Anwar, lecturer, department of Architecture, BUIITEMS
Organized by:	Department of Architecture UET Peshawar
Coordinated by:	UET Peshawar



<b>Theme:</b>	<b>Talent Grooming Workshop</b>
Organized for:	Student and Faculty members of BUIITEMS
Venue:	Pink and Orange Hall, BUIITEMS Takatu campus
Held on:	September 20-21, 2017
Resource Persons:	Mr. Naeem Akhtar and Mr. Imran Hanif
Organized by:	Higher Education Commission
Coordinated by:	Ms. Kinza Khan, Ms. Nausheen Sabir and Mr. Zelek Alexander (Financial Aid Office)



<b>Theme:</b>	<b>Outcome Based Education System</b>
Organized for:	Engineering Departments of BUIITEMS
Venue:	Takatu Campus, BUIITEMS
Held on:	October 19, 2017
Resource Persons:	Dr. Awais Khatri, Associate Prof. Mehran University, Jamshoro
Organized by:	Directorate of Human Resource Development in collaboration with Faculty of Engineering
Coordinated by:	Ms. Fakhra Ramzan, Director, Directorate of Human Resource Development, BUIITEMS



<b>Theme:</b>	<b>Adobe Photoshop workshop</b>
Organized for:	Student of Faculty of Information & Communication Technology, BUIITEMS
Venue:	Purple Hall, FICT BUIITEMS
Held on:	November 27, 2017
Resource Persons:	Ms. Amara Arshad
Organized by:	The IEEE Student Branch BUIITEMS
Coordinated by:	Faculty of Information & Communication Technology, BUIITEMS



<b>Theme:</b>	<b>ISO-9001-2015 Quality Management System Key Changes &amp; Impacts</b>
Organized for:	Senior Management and administration of BUIITEMS
Venue:	Takatu Campus, BUIITEMS
Held on:	November 28-29, 2017
Resource Persons:	Mr. Imranullah Sharif, Chief Operating Officer, PIQC, Karachi
Organized by:	Directorate of Human Resource Development in collaboration
Coordinated by:	Ms. Fakhra Ramzan, Director, Directorate of Human Resource Development



<b>Theme:</b>	<b>Securing the Digital Landscape</b>
Organized for:	Students of Faculty of Information & Communication Technology, BUIITEMS
Venue:	Takatu Campus BUIITEMS
Held on:	December 5-7, 2017
Resource Persons:	Brigadier (R) Munawar Hussain, Dr. Faisal Ahmed Khan (Dean FICT), Dr. Nadeem (Faculty Coordinator FICT) and FIA Cyber-Crime Wing
Organized by:	BUIITEMS ACM and IEEE student chapters
Coordinated by:	Ms. Ayesha Iftikhar (Lecturer Information Technology)



<b>Theme:</b>	<b>GRE Workshop on Talent Farming Program</b>
Organized for:	Faculty Members
Venue:	Training Hall, City Campus, BUIITEMS
Held on:	December 18, 2017 to January 18, 2018
Resource Persons:	Mohammad Ahsan Achakzai, Assistant Professor, BUIITEMS
Organized by:	Higher Education Commission (HEC)
Coordinated by:	Mohammad Ahsan Achakzai. Assistant Professor, BUIITEMS









# Trainings



**Theme:**

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Coordinated by:

**Security and Vigilance**

Administration and Faculty

Takatu Campus, BUITEMS

January 18-19, 2017

Lt. Col. Muhammad Abid, Ghaza bind Check post, Kuchlak, Quetta

Directorate of Human Resource Development, BUITEMS

Ms. Fakhra Ramzan, Director Human Resource Development



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Foundation Training Program**

Class IV Employees of BUITEMS

Takatu Campus, BUITEMS

February 14-15, 2017

Mr. Habib Khan, Director Program, MERCK, Quetta; Mr. Qadeem Kakar, Additional Registrar, Admin & Coordination, BUITEMS; Ms. Mishal Khurram, Internee

Directorate of Human Resource Development

Ms. Fakhra Ramzan, Director Human Resource Development



**Theme:**  
Organized for:

Venue:  
Held on:  
Resource Persons:

Organized by:  
Coordinated by:

**Leadership & Team Building**

NADRA, Balochistan High Court (AG office), Private school (Leaders Odyssey)

Training Hall, BUITEMS

April 17-19, 2017

Mr. Muhammad Shaha Khan, Director UAFA, BUITEMS and Mr. Ahsan Achakzai Assistant Professor, department of Economics, BUITEMS

University Advancement & Financial Assistance, BUITEMS

University Advancement & Financial Assistance, BUITEMS



**Theme:**  
Organized for:

Venue:  
Held on:  
Resource Persons:

Organized by:

Coordinated by:

**English for Academic Purposes**

Teaching Faculty of BUITEMS and other Balochistan Universities /Colleges Teaching Faculty

Takatu Campus, BUITEMS

April 24-28, 2017

Dr. Bushra Khurram, Assist. Prof. Dept. of English, University of Karachi; Dr. Liaqat Ali Channa, Associate Prof. Dept. of English, Faculty of Arts & Basic Sciences, BUITEMS, Quetta; Dr. Abdul Manan, Assistant Prof. Dept. of English BUITEMS; Mr. Maeem Nasir Pathan, Assistant Prof. Dept. of English, University of Balochistan, Quetta; Ms. Aqsa Maryyam, Lecturer, Dept. of English, Faculty of Arts & Basic Sciences, BUITEMS, Quetta; Mr. Saeed Ullah Jan, Lecturer, Dept. of English, Faculty of Arts & Basic Sciences, BUITEMS, Quetta

Directorate of Human Resource Development in collaboration with Learning Innovation Division, Higher Education Commission, Islamabad

Ms. Fakhra Ramzan, Director Human Resource Development



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Learning Management System**

Teaching Faculty of BUITEMS

Takatu Campus, BUITEMS

May 17-18, 2017

Ms. Hafsa Ashraf and Mr. Sanaullah Faiz Directorate of IT, BUITEMS

Directorate of Human Resource Development in collaboration with Directorate of IT, BUITEMS

Ms. Fakhra Ramzan, Director Human Resource Development and Mr. Muhammad Anwar, Director IT



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Easy Way of Library Automation & Digitization**

Library Staff of various Balochistan Universities / Colleges and Departments

Takatu Campus, BUITEMS

May 24-25, 2017

Syed Habib Akhtar Jaffri, Principal Librarian, PASTIC, PSF, Pakistan

Directorate of Human Resource Development in collaboration with Directorate of IT, BUITEMS

Ms. Fakhra Ramzan, Director Human Resource Development



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Training on Community Based Protection**

UNHCR

Training Hall, BUITEMS

July 11 to 14, 2017

Muhammad Shah Khan, Director UAFA, BUITEMS

UNHCR

BUITEMS Executive Education Center (BEEC).



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**BEEC Training on Basic Professional Skills**

Afghan students studying in Balochistan

Computer lab, BUITEMS

July 25 to July 27, 2017

Dr. Ehsanullah Kakar, Professor, BUITEMS,

INSPIRE PAKISTAN

Mr. Hashim Khan, Coordinator, *Inspire Pakistan* attended the closing ceremony



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**BEEC Training on Excel Skills**

Government Officers of Finance Department Civil Secretariat

Pink Hall, BUITEMS

August 1 to 3, 2017

Mr. Ahsan Achakzai, Assistant Professor Faculty of Management Science, BUITEMS; Mr. Qudratullah, Manager Training, BEEC, BUITEMS; Mr. Hesab Magsi, Manager Corporate Relation, BEEC, BUITEMS

BEEC BUITEMS

Mr. Aneeq Cheema, Capacity Development Management Advisor, Public Financial Management Support Program for Pakistan.



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Preparation of Cash / Work Plan for Ongoing Development Project(s) under PSDP 2017-18**

For universities in Balochistan

Training Hall, BUITEMS

August 2-3, 2017

Mr. Abdur Rehman Shahzad, APS, MIS Section, Planning Commission Islamabad

BUITEMS and Higher Education Commission (HEC)

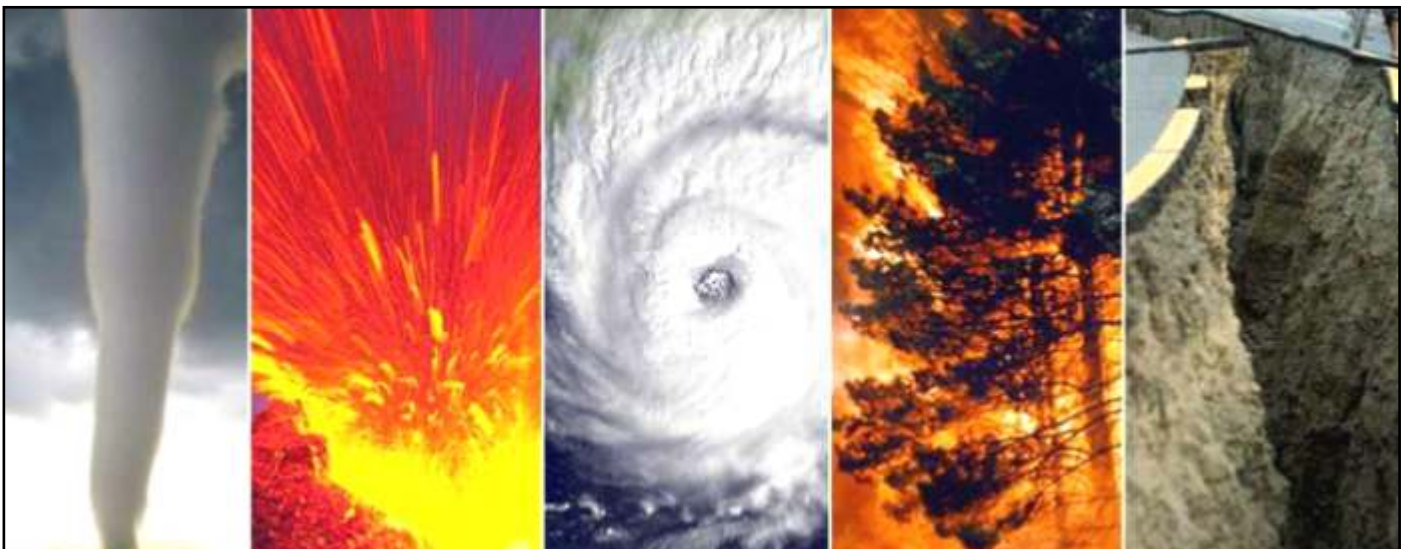
BUITEMS



<b>Theme:</b>	<b>BEEC Training on Leadership and Building</b>
Organized for:	Nadra, High Court (AG office) and Private School (Leaders Odyssey)
Venue:	BUITEMS
Held on:	August 7 to 9, 2017
Resource Persons:	Mr. Muhammad Shah Khan, Director, UAFA, BUITEMS; Mr. Qudrat Ullah, Manager Training, BEEC, BUITEMS; Mr. Hesab Magsi, Manager Corporate Relation, BEEC, BUITEMS
Organized by:	BUITEMS Executive Education Center (BEEC).
Coordinated by:	Muhammad Shah Khan, Director UAFA BUITEMS



<b>Theme:</b>	<b>Disaster Risk Reduction (DRR)</b>
Organized for:	Employees of BRSP
Venue:	Training Hall, BUITEMS
Held on:	August 8-9, 2017
Resource Persons:	Mr. Jahangir Bazai, Provincial Communication officer
Organized by:	BUITEMS Executive Education Center (BEEC).
Coordinated by:	University Advancement & Financial Assistance, BUITEMS



**Theme:****Professional Development Program for Newly Inducted Lab. Engineers**

## Organized for:

Project Directors, Directors, Registrar, Accountant, Treasurer, Sit Supervisors, Office Managers, Campus Directors of Balochistan Universities/ departments

## Venue:

Takatu Campus, BUIITEMS

## Held on:

September 25-29, 2017

## Resource Persons:

Dr. Nazeer Ahmed, Dean, Graduate Studies; Ms. Aqsa Maryyam, Lecturer Dept. of English; Mr. Manzoor Hussain, Additional Registrar; Dr. Abdul Samad, Assistant Professor, Dept. of Computer Sciences; Mr. Hafiz Kakar, Deputy Director DIT; Ms. Rabia Aijaz, Functional Lead CMS, DIT; Mr. Kaleem Ullah Babai, Deputy Director Finance; Mr. Zafar Ullah Assistant Professor Dept. of Sociology; Dr. Nafeesa Jamil Medical Officer; Dr. Ghulamullah Kakar, Assistant Professor Dept. of Chemical Engineering

## Organized by:

Directorate of Human Resource Development

## Coordinated by:

Dr. Zahid Rauf, Director, Quality Enhancement & Accreditation and Mr. Muhammad Aazan, Assistant Director, Directorate of Human Resource Development





<b>Theme:</b>	<b>Afghan Teacher Development Training (Phase-1)</b>
Organized for:	Afghan Teachers
Venue:	Training Hall, BUITEMS
Held on:	September 11 to October 6, 2017
Resource Persons:	Mr. Muhammad Shah Khan and Mr. Ahsan Achakzai, BUITEMS
Organized by:	BUITEMS Executive Education Center (BEEC)
Coordinated by:	UNHCR



<b>Theme:</b>	<b>Training on Standard Documentation\Formatting of Technical Report</b>
Organized for:	BS Civil Engineering Final Year Students
Venue:	Advance Computer Lab Hall-1 BUITEMS
Held on:	October 19, 2017
Resource Persons:	Engr. Dr. Saeedullah Jan Mandokhail, Chairman Department of Civil Engineering, BUITEMS
Organized by:	Department of Civil Engineering BUITEMS
Coordinated by:	Engr. Shiva Nath, Lecturer, Department of Civil Engineering, BUITEMS



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**BEEC Training**

Refugee Students

Training Hall, BUITEMS

October 23-24, 2017

Mr. Imran Khan and Mr. Muhammad Shah Khan.

BEEC BUITEMS

Muhammad Shah Khan, Director UAFA BUITEMS



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Entrepreneurship Training for Refugee Students**

Refugee Students

Training Hall, BUITEMS

October 25-26, 2017

Mr. Nisar Ahmed, Executive Manager, BBIEC, BUITEMS

BUITEMS Business Incubation and Entrepreneurship Center (BBIEC)

UNHCR



<b>Theme:</b>	<b>Afghan Teacher Development Training</b>
Organized for:	Afghan Teachers
Venue:	Training Hall, BUITEMS
Held on:	November 1-28, 2017
Resource Persons:	Mr. Muhammad Shah Khan and Mr. Ahsan Achakzai
Organized by:	BUITEMS Executive Education Center (BEEC)
Coordinated by:	UNHCR



<b>Theme:</b>	<b>Teaching Methodologies and Case Study</b>
Organized for:	Adhoc Teaching Faculty of BUITEMS
Venue:	Takatu Campus, BUITEMS
Held on:	November 1, 2017
Resource Persons:	Ms. Khalida Durrani, Assistant Prof. Faculty of Management Sciences, BUITEMS
Organized by:	Directorate of Human Resource Development in collaboration
Coordinated by:	Ms. Fakhra Ramzan, Director, Directorate of Human Resource Development



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Reassembling of Refrigerator**

Engineering teaching Faculty and Final year students of Engineering Departments of BUIITEMS

Takatu Campus, BUIITEMS

November 22, 2017

Mr. Yasir Malik, Final year Student Computer Engineering, Faculty of ICT; Engr. Ishtiaq Ahmed, Lecturer, Computer Engineering, FICT; Engr. Fazal Muhammad, Computer Engineering, FICT

Faculty of Information & Communication Technology and Directorate of Human Resource Development in collaboration

Mr. Yasir Malik, Final year Student and Ms. Fakhra Ramzan, Director, Directorate of Human Resource Development



**Theme:**

Organized for:

Venue:

Held on:

Resource Persons:

Organized by:

Coordinated by:

**Entrepreneurial Development Program**

18 Micro-Entrepreneurs

Trainings Hall, BUIITEMS

November 22-30, 2017.

Were from Entrepreneurship Development and Advisory Services, EDAS, Lahore, Pakistan.

BUIITEMS Business Incubation and Entrepreneurship Center (BBIEC)

BUIITEMS Business Incubation and Entrepreneurship Center (BBIEC)



<b>Theme:</b>	<b>Communication &amp; Andragogical Skills under HEC Faculty Development Program</b>
Organized for:	Teaching Faculty of BUIITEMS and other Universities/ Colleges of Balochistan
Venue:	Takatu Campus, BUIITEMS
Held on:	December 5-7, 2017
Resource Persons:	Mr. Habib Khan, X Program Officer, MERCK, Quetta; Mr. Muhammad Shah Khan, Director, University Advancement & Financial Aid, BUIITEMS; Mr. Ahsan Achakzai, Assistant Prof. Faculty of Management Sciences, BUIITEMS
Organized by:	Directorate of Human Resource Development in collaboration with Learning Innovation Division, Higher Education Commission, Islamabad
Coordinated by:	Ms. Fakhra Ramzan, Director, Directorate of Human Resource Development



**Theme:**  
Organized for:

**Venue:**  
**Held on:**  
**Resource Persons:**

**Organized by:**

**Coordinated by:**

**Preparation of Cash/ Work Plan for Ongoing Projects**

Project Directors, Directors, Registrar, Accountant, Treasurer, Sit Supervisors, Office Managers, Campus Directors of Balochistan Universities/ Departments  
Takatu Campus, BUIITEMS  
August 2-3, 2017

Mr. Arif Rehman, Director Social Sector, Planning & Commission of Pakistan; Mr. Qamar Zaman, DPS, Planning & Commission of Pakistan; Abdul Rehman Shah Zad, APS, Planning & Commission of Pakistan; Mr. Faisal Saeed, Deputy Director, Planning & Commission Islamabad; Mr. Muhammad Jawad, Computer Operator, Planning & Development Division, HEC, Islamabad; Mr. Irfan Ullah, Deputy Director, Planning & Development Division, HEC, Islamabad

Directorate of Planning & Projects, BUIITEMS in collaboration with Human Resource Development and Higher Education Commission, Islamabad

Mr. Mamoon Ur Rashid, Director Planning & Projects, BUIITEMS; Syed Haseeb Afaq, Deputy Director, Planning & Projects, BUIITEMS and Ms. Fakhra Ramzan, Director Human Resource Development



HAPPINESS CHALLENGE COMPETITION  
ADULT FEMALE HAND SPORT SUCCESSFUL FITNESS  
BEST TEAM PEOPLE VICTORY POSITIVE  
CONCEPT TRIUMPH BUSINESS PEOPLE VICTORY POSITIVE  
**ACHIEVEMENT** CONCEPTS  
SCHOOL EDUCATION CHEERFUL RACE TEAMWORK WIN UP WOMEN CELEBRATION LIFESTYLE HAPPY  
SCHOOL EDUCATION CHEERFUL RACE TEAMWORK WIN UP WOMEN CELEBRATION LIFESTYLE HAPPY  
CHAMPION MOTIVATION PERSON WINNING PROFESSIONAL

# Achievements



**Asian Conclave on Doctoral Program (ACDOC) 2017**

Dr. Noor Muhammad participated as panelist in Asian Conclave on Doctoral Program on February 6, 2017 at Serena Hotel, Islamabad. This Asian Conclave has been established as a platform for sharing knowledge pertinent to managing doctoral programs in business schools, encouraging incorporation of the indigenous feedbacks for improving the quality of higher education. The conclave was organized with collaboration of Association of Management Development Institutions in South Asia (AMDISA), Association of Management Development Institutions in Pakistan (AMDIP) and National Business Education Accreditation Council (NBEAC) and Higher Education Commission of Pakistan.



**BUIITEMS – TEXTRONICS & CARL Laboratory Team Achievement**



A team from BUIITEMS - TEXTRONICS and CARL (Control Automation and Robotics Lab) participated in the All Pakistan DICE-Textile innovation event – 2017, held on March 28-29, 2017. Students Muhammad Junaid Sultan and Surjeet Kumar from TEXTRONICS Laboratory and Zulkafil Abbas from CARL presented their research on ‘smart textile fabrics and their applications and secured 2nd place in the competition amongst 100 industry and university projects from all over Pakistan. The smart textiles project is an ongoing collaboration between the Departments of Electronic and Textile Engineering – BUIITEMS, headed by Dr. Anayat Ullah Baloch and Dr. Syed Zameer UI Hassan.





## **Accreditation of Department of Mechanical Engineering**

A team of the inspectors of Pakistan Engineering Council visited BUITEMS as part of accreditation of Department of Mechanical Engineering on April 12, 2017. The aim of the visit was to monitor the progress of the department as its first batch of graduates will qualify for the degree in 2018. The inspectors evaluated the program in terms of faculty, laboratories, books, infrastructure and procedures. This included review of course files, financial records, quality audits and faculty development programs. They also had separate interactions with students and faculty members. The team was pleased with the overall progress of the department and also suggested some steps to be taken in their recommendations for further improvements.



## **Honor for BUITEMS**

The United States education foundation in Pakistan conducts the review of Fulbright scholarships on regular basis. They also invite renowned scholars for the same from different universities in across Pakistan. BUITEMS has the honor to have representation in this circle. For 2018 Fulbright scholarships application reviews three members from BUITEMS were invited including: Dr. Faisal Kakar, Associate Professor, Dean FICT, Dr. Abdul Samad, Assistant Professor, Department of Computer Sciences and Mr. Muhammad Jawad khan, Assistant Professor, Department of Economics. The reviews took place in Pearl Continental Hotel Bhurban from 30th July, 2017 to 3rd August, 2017. Participants from BUITEMS took active part and gave inputs on applications.



## **BUITEMS Explore Energy Solutions**

Dr. H. M. Noor- ul-Huda Khan Asghar chairperson department of Physics BUITEMS, was appointed as the vice president of new energy materials and technology institute Co.Ltd, Dalian University of technology (Qingdao) on September 20, 2017 for a period of three years. This company is part of one of the leading groups of the world regarding energy materials and energy solution. As vice president Dr. Noor-ul-Huda Khan will be responsible for the construction of China-Pakistan international Science and technology Corridor. Due to his efforts BUITEMS has been able to sign several MoUs and agreements with NESI (National Energy Solution Incorporation) in different modes like energy, industrial, agricultural and other sectors.

### Pride of Computer Engineering Department



The final award ceremony of the ECOSF (Economic Cooperation Organization Science Foundation)-Mehran University was held at MUET Jamshoro on 16 Nov 2017. It was a moment of great honor for BUIITEMS that a project from Computer Engineering Department titled as “Smart Helmet for Coal mines” presented by Ali Gull and supervised by Engr. Waheeda Panezai, was the winning idea of the contest

in both phases. A cash prize of \$1500 was given to Mr. Ali Gull by President of ECO science foundation Prof. Dr. Manzoor H. Soomro. The winners of the contest were university students from ECO member countries were given cash prizes and awards. The winning ideas and applications & ideas developed would be shared by the ECOSF in the near future. The contest was focused on awareness among youth about the 17 UN SDGs (UN Sustainable Development Goals) and conceiving ideas about possible solutions to one or more SDGs and subsequent development of the applications.



## **BUIITEMS Business Incubation and Entrepreneurship Center (BBIEC) & NIC Lahore win Innovation Challenge Fund**

BUIITEMS Business Incubation and Entrepreneurship (BBIEC) in consortium with NIC Lahore participated and won the Karandaaz Innovation Challenge Fund (ICF). The initiative launched in 2016 with funding from the United Kingdom’s Department for International Development (DFID), is Pakistan’s leading promoter of financial inclusion. ICF, with LUMS, BUIITEMS, and Invest2Innovate (Pvt.) Ltd, will be providing grants worth PKR 25 million.

The program aims to address the barriers faced by entrepreneurs in accessing appropriate financial services. Besides enhancing the access to financial services the program also deals with the provision of technical, mentoring, mobility and network services to female entrepreneurs. Through the development of business incubators the ICF achieves their objective of supporting female economic empowerment



## **International Membership Renewal**

The Directorate of Quality Enhancement & Accreditation, BUIITEMS has an aim to achieve the goal of Quality & Excellence in Education by adopting various practices. BUIITEMS has acquired several international memberships. Recently BUIITEMS has submitted annual fee for membership renewal to the following two International bodies.



The Association of Commonwealth Universities (ACU) is a professional association for those working in higher education across the Commonwealth, providing avenues for collaboration and cooperation between the members.

The International Association of Universities (IAU) is a UNESCO based worldwide association of Higher Education Institutions, which provides a platform to pursue knowledge, linkup its members, offering them quality services, networking & collective actions.





# Competitions



**All Balochistan Inter Universities Parliamentary Debate Competition, 2017**

BUIITEMS got 1<sup>st</sup> position in "First All Balochsitan Parliamentary Debate Competition" organized by "Youth Forum for Kashmir" on April 21, 2017 in Alhamd Islamic University. The winners were: Mr. Muhammad Saeed (FICT), Mr. HumayunKasi (FABS), Mr. Qazi Bakhtiyar (FABS).

**BUIITEMS Brilliance in National ICT R&D Project Competition 2017**

National Competition of Final Year Projects was organized by National ICT R&D, held on May 19, 2017 at Islamabad. About 5000 projects from all over the country were submitted with their innovation and commercialization opportunities. These projects were shortlisted among thousands of projects funded by ICT R&D in the past couple of years. BUIITEMS former graduate Ali Gul, who now is running his own startup firm at BBIEC, participated and stood 1st runner up with a cash prize of Rs. 300,000 for his project: Smart Helmet for Coal Miners. Smart Helmet for Coal Miners project aims at keeping track of coal miners and their health in coal mines. It comprises of a smart helmet which can sense gases, temperature and altitude changes to ensure safety of the coal miners.



**Quiz Competition on World Refugee day**

Every year June 20<sup>th</sup> is celebrated as World Refugee Day., to highlight the issues of refugees in the world in general and Pakistan in particular the department of International Relations BUIITEMS in collaboration with UNHCR Quetta organized a Quiz Competition among the students of International Relations on world refugee day at Pink Hall BUIITEMS. Total of five teams, each comprising of two students, participated in the competition. The competition was held in three rounds based upon the questions related to refugees and their concerned organizations. At the end the Chief Guest of the event, Chairperson Department of International Relations Mr. Abdul Wadood thanked UNCHR for their efforts and distributed prizes among the winners.



## Second Markhor Mathematics Competition



Department of Mathematics, BUIITEMS conducted its second competition based on Mathematics and Intelligence Quotient (IQ) on July 27, 2017 at Arfa Karim Randhawa Expo Center, BUIITEMS. The objective of the competition was to create a challenging mathematical experience that is both competitive and educational. The closing ceremony of the Second Markhor Mathematics Competition was held in Green Seminar Hall on August 24, 2017. The event was graced by presence of the chief guest, Dr. Ehsanullah Kakar, Professor, BUIITEMS.

Mr. Qaisar Khan, Chairperson, Department of Mathematics, Faculty of Arts and Basic Sciences, BUIITEMS and his fellow faculty members attended the event.



## BUIITEMS Azadi Celebrations Week 7-10<sup>th</sup> August 2017

The Azadi celebration started on 7<sup>th</sup> August where various competition took place in University of Baluchistan. Prize distribution was held at University of Balochistan, in which Vice Chancellor UoB Prof. Dr. Javed Iqbal appreciated the efforts of all universities and congratulated BUIITEMS on winning of majority events.

Following are the winners of different competition:

S. #	Competition	Winner/Student	Department	Position	Prize
01	Short Film Competition	Shireen Khan (Film Director)	Lecturer Mass Com	First	Rs. 100,000/-
		Zeeshan Khan	BS(CE)		
		Zainab Younas	BS(Mass		
		Mashaal Khan	Com)		
02	Quiz Competition	Altaf Hussain	BS(Mass Com)	First	Rs. 100,000/-
		Maira Mehmood	BS(IR)		
03	Photography Competition	Hammad Bukhari	BS(BA)	First	Rs. 30,000/-
		Hashir Mughal	BS(IT)	Second	Rs. 22,500/-
		Faiz Bukhari	BS(Micro)	Third	Rs. 15000/-
04	Poetry Competition	Anum Javeed	BS(Fine Arts)	First	Rs. 30,000/-
05	Painting Competition	Muhammad Shahb	BS(Fine Arts)	Third	Rs. 15000/-

## Independence Day Competitions

On the 70th Independence Day of Pakistan on August 14, 2017, Pakistan army and Government of Balochistan arranged a series of events and competitions among school, college and university students.

The competitions included painting, photography, essay writing, speeches/debates, poetry, general knowledge/ IQ Tests, film making etc. Poetry competition for university students was organized at Boys Scout headquarter Quetta. Ms Anam Jawaid student of BUITEMS got the first prize in poetry competition and the cash prize of Rs 30,000.



## Quiz Competition



A two days quiz competition was organized by The Society of Petroleum Engineers (SPE) - *NED Chapter*, at NED University Karachi on 28-29 August 2017 in collaboration with Pakistan Petroleum Limited (PPL). Eight teams were selected from different universities of Pakistan. The competition was divided into three rounds including Buzzer Round, Rapid Questions Round and Visual Aid Round. Five students of Petroleum and Gas Engineering department, BUITEMS also participated in the event and achieved third position in the competition. BUITEMS participants were sponsored by SPE Quetta Students Chapter.

## BUITEMS Wall Art Competition

BUITEMS Student Affairs, Arts Council organized a three day Wall Art Competition from 29<sup>th</sup>-31<sup>st</sup> of October, 2017 at Expo Parking wall Takatu Campus, BUITEMS. The competition was held among the students and faculty members of BUITEMS.

The theme was “Culture”. Participants from different departments portrayed their art on different aspects of culture which exists in our society. 30 groups participated in competition and the best groups were awarded with shields and certificates.







### NAB Debate Competition-2017

National Accountability Bureau (NAB) in collaboration with all Universities of Balochistan organized different competitions on the theme of “Say No To Corruption” from November 6 to 13, 2017. The competitions included Speech, Poster, Essay & Calligraphy. The purpose was to create awareness among people regarding corruption.

BUIITEMS students participated in these competitions and won the following positions; Ms. Habiba Khalid of BS (Bio) got 1<sup>st</sup> position in Essay Competition, Mr. Abdul Wakeel Kakar of BS (English) got 2<sup>nd</sup> position in English Debate Competition. Ms. Adila Batool of BS (Mass Com) got 3<sup>rd</sup> position in Urdu debate competition.

The prize distribution ceremony was held at Serena Hotel on December 9, 2017. Mr. Muhammad Khan Achakzai, governor Balochistan was the chief guest. Also present were Speaker Provincial Assembly Ms. Raheela Durrani and acting D.G. NAB.



### All Balochistan Inter-Varsity Debate Competition - 2017

BUIITEMS ICRMS & UNHCR, Quetta office organized Intervarsity Debate & Essay Writing Competition on November 13, 2017 in pink seminar hall, BUIITEMS. The topic of Debate Competition was “Integration and Social Cohesion of Migrants and Refugees have a positive impact on Host Countries.” The winners of debate competition were: Mr. Ali of BUIITEMS got first position Mr. Abdul Wakeel Kakar got second position.






# Directorates




# Directorate of University Advancement & Financial Assistance (UAFA)

## Directorate of University Advancement and Financial Assistance



### Message from the Vice Chancellor

BUIITEMS has been consistently endeavoring to foster a sustainable support system for its students and all other stakeholders. Directorate of University Advancement and Financial Assistance (UAFA) is doing just that. Over the past few years, UAFA has really grown to be a hub of service, innovation and excellence. The affiliated offices of UAFA have contributed a lot to make BUIITEMS a world-class institution. The Directorate has achieved substantial milestones on all ends: financial aid, advancement, career services, executive education, student affairs and entrepreneurial development. I am confident that the Team UAFA will go on to attain much more in the years to come with its creative and innovative strategies.



### Message from the Director

Directorate of UAFA was established in the Year 2010. The Directorate UAFA has evolved to be one of the most prominent directorates at BUIITEMS in the past few years. UAFA, BUIITEMS has been a trend-setter in so many ways and a benchmark for other advancement offices in the country. During the past year, the Directorate grew exponentially as new centers and offices were founded including BBIEC, BEEC, ICRMS and CCE. On the Advancement front, UAFA managed to raise 1.3 billion through different projects. Through the Financial Aid Office, we managed to increase the number of beneficiaries of financial aid office from 650 (in 2010) to more than 3600 (in 2017). UAFA has distributed more than 900 million in financial aid so far. The Career Services Office has been placing 1000+ students for internships and jobs each year and has managed to organize Job Fairs and campus drives on yearly basis. BEEC continues to train professionals from all walks of life with more than 700 professionals trained so far. ICRMS is a landmark initiative to hold breakthrough research and training in migration and refugee studies. CPEC Center of Excellence (CCE) has been another timely initiative to be established in collaboration with China Foundation for Peace and Development (CFPD). BBIEC has evolved to be one of best incubators in the country graduating 30+ startups so far that together, created more than 100 jobs. BBIEC will evolve to be NIC Quetta with the remarkable win of Ministry of IT Funding.

I am really thankful to Team UAFA for their dedication, commitment and support. Moreover, all that I and my team at UAFA have achieved wouldn't have been possible without the trust, support and encouragement of Vice Chancellor Ahmed Farooq Ijaz.

01

Financial Aid Office

02

University Advancement & Alumni Relations

03

Career Services Office

04

Executive Education Center

05

Student Affairs

06

Business Incubation & Entrepreneurship Center

07

International Center for Refugee & Migration Studies

08

National Incubation Center

09

CPEC Center of Excellence

At Directorate of University Advancement and Financial Assistance (UAFA), we are committed to fostering mutually beneficial relationships with alumni, trusts/foundations, corporate sector, international partners, officials, the media, and the general public. We intend to build and maintain relationship based on fidelity and integrity to raise funds for advancement of BUIITEMS. We strive to provide financial assistance and career counseling to students as a way to increase access to higher education.

## Team UAFA



**Nisar Ahmed**  
Executive Manager BUIITEMS Business Incubation & Entrepreneurship Center



**Yumna Iftikhar**  
Manager BUIITEMS Business Incubation & Entrepreneurship Center



**Rehmat Khan**  
Manager Business & Finance



**Sadia Khan**  
Liaison Officer BBIEC



**Sameen Khan**  
Deputy Director Student Affairs



**Maria Khalid**  
Assistant Director Student Affairs



**Imran Khan**  
Deputy Director Career Services



**Qudrat Shah**  
Manager Trainings



**Shah Muhammad**  
Deputy Director University Advancement



**Heesab Nawaz**  
Manager Marketing BEEC



**Muhammad Shah Khan**  
Director University Advancement and Financial Assistance



**Kinza Khan**  
Deputy Director Financial Assistance



**Zelek Alexander**  
Assistant Director Finance



**Nausheen Sabir**  
Assistant Director Finance

# DIRECTORATE UAFA — The Journey (Timeline)

Financial Aid Office (FAO)

2009 - 2010

University Advancement & Alumni Relations Office (UAARO)

2009 - 2010

2009 - 2010

Career Services Office (CSO)

2012 - 2013

BUIITEMS Executive Education Center (BEEC)



Student Affairs Office (SAO)

2012 - 2013

International Center for Refugee and Migration Studies (ICRMS)  
2017 - 2018



CPEC Center of Excellence (CCE)  
2017 - 2018



2014 - 2015  
BUIITEMS Business Incubation & Entrepreneurship Center (BBIEC)



2017 - 2018  
National Incubation Center (NIC)



## **Directorate of University Advancement & Financial Assistance (UAFA)**

### **Financial Aid Office**

2017 was an exceptional year in terms of financial assistance. We reached a milestone, on BUIITEMS' 15th anniversary, of disbursing Rs. 900 Million in financial aid. But this achievement comes as our Directorate is at crossroads. Expectations of FAO are changing substantially as students and our all other stakeholders embrace new expectations. We see a reshaping of the donor environment. We are on the brink of a time that is presenting us with challenges but also great opportunities. We are responding by sharpening our focus and strengthening our efforts to create more value for our students. We are investing in student's scholarship counseling and deep rooted donor relation, to secure our long-term prospects while at the same time delivering the quality our students expect from us.



The course of activities of the year 2017 at Financial Assistance Office are as below:

New scholarships were awarded from various external donors like Pakistan Engineering Congress (PEC), Fuji Fertilizers Company (FFC), Duki Coal Mines Project, Prime Minister's Tuition Fee Reimbursement Scheme, HEC BAL-FATA Merit & Need Based Scholarship Program, Syeda Mubarik Begum Scholarship Program and OGDCL-HEC NBSP, USAID Merit & Need based Scholarship program, The Professional Education Foundation (PEF), OGDCL-HEC NBSP, Syeda Mubarik Begum Scholarship Program, Punjab Educational Endowment Fund (PEEF), TIBM, and Balochistan Educational Endowment Fund (BEEF).

New Scholarship slots added in 2017 are USAID Merit & Need based Scholarship Program (20), SyedaMubarik Begum Scholarship Program (10), The Professional Education Foundation (13), Pakistan Engineering Congress (6), Prime Minister's Tuition Fee Reimbursement Scheme (356), Balochistan Educational Endowment Fund (BEEF) (475), TIBM (3), and Punjab Educational Endowment Fund (3).

Apart from them one time scholarship payments from many other donors were also received namely:

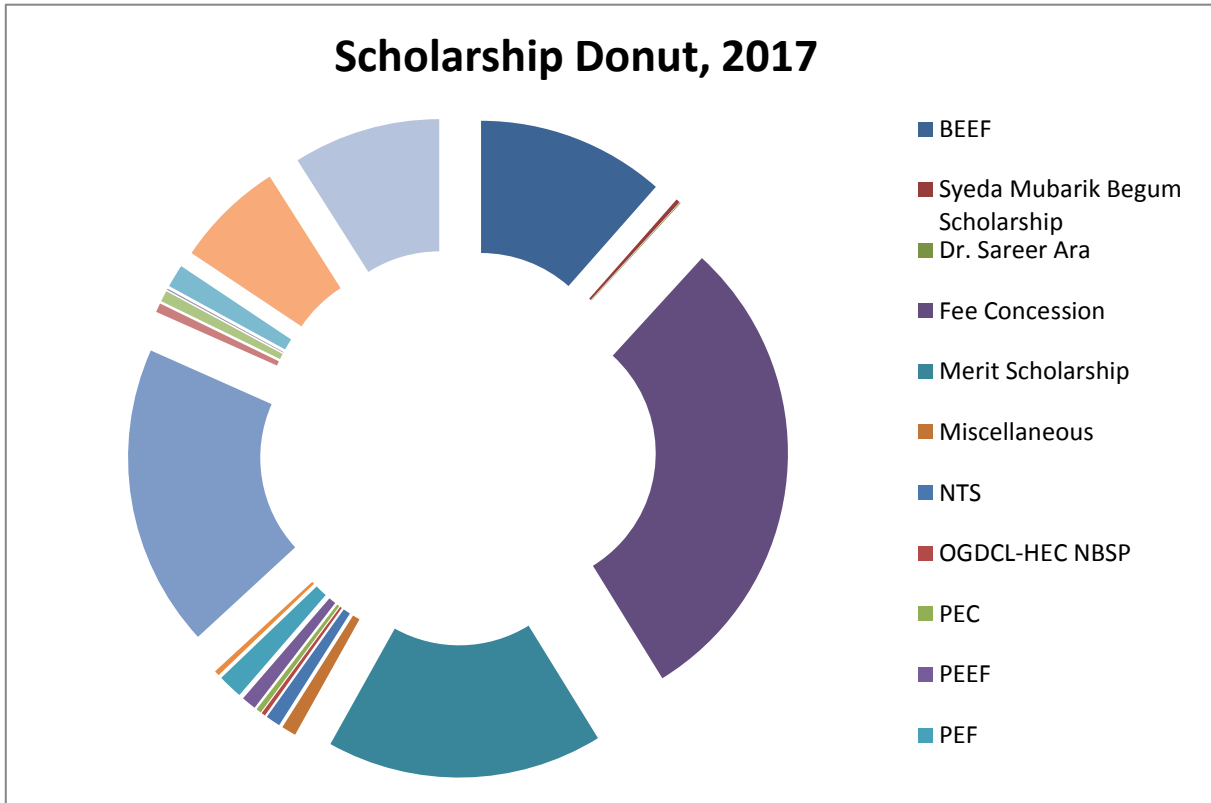
- |                        |                                      |                         |
|------------------------|--------------------------------------|-------------------------|
| <b>1.</b> Bait UL Mall | <b>2.</b> Political Agent FR Regions | <b>3.</b> Diya Pakistan |
|------------------------|--------------------------------------|-------------------------|

Furthermore, internal scholarships with the same spirit were awarded under the following heads:

- |                                |                          |
|--------------------------------|--------------------------|
| <b>1.</b> Work & Study Program | <b>2.</b> Fee Concession |
|--------------------------------|--------------------------|

Financial Assistance Office was also responsible for conducting interview sessions and counseling sessions for students.

A grand ceremony was conducted to distribute Balochistan Education Endowment Fund (BEEF) scholarships among the meritorious students of BUIITEMS. 475 students were awarded scholarships worth Rs. 23 millions.



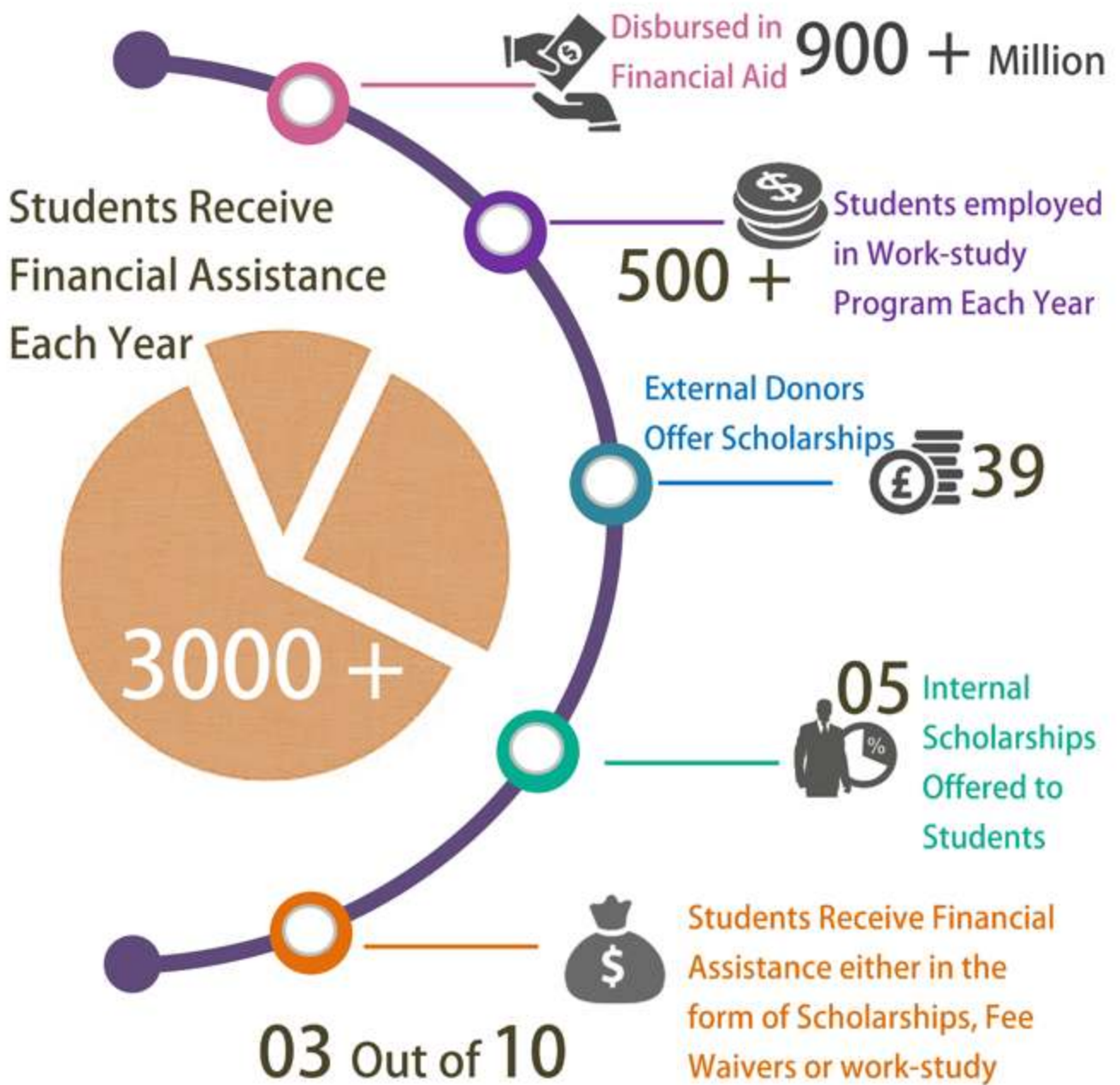
A two-day workshop, in collaboration with Higher Education Commission (HEC), was organized by FAO funded by USAID Merit and Needs based Scholarship Program. The theme of the workshop was “Talent grooming work-shop” which was attended by all USAID scholarship holders studying at BUIITEMS.



# Financial Aid Office - FAO

Fact Sheet

2010 - 2017



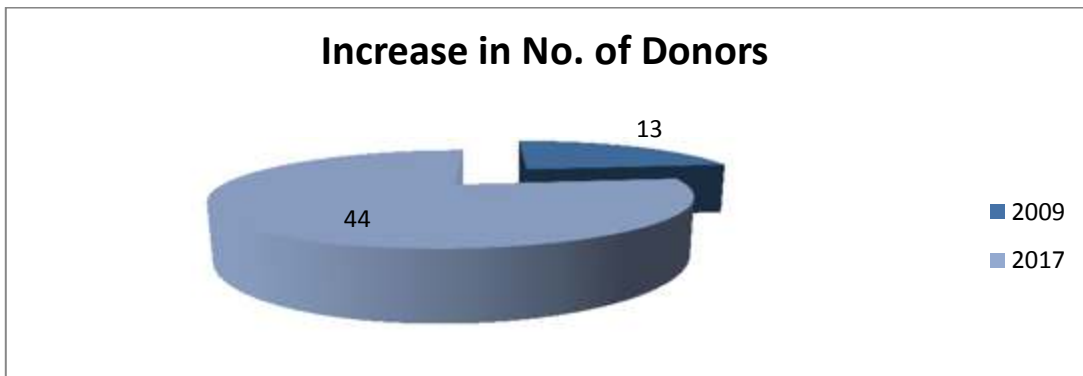


*Tabular representation of 2017 statistics for Financial Aid Office*

S.No.	Name of Scholarship	No. of Students
1	BEEF	475
2	SyedaMubarik Begum Scholarship	10
3	Dr. Sareer Ara	2
4	Fee Concession	1215
5	Merit Scholarship	698
6	Miscellaneous	37
7	NTS	37
8	OGDCL-HEC NBSP	10
9	PEC	13
10	PEEF	37
11	PEF	62
12	PM NICT R&D	13
13	Prime Minister's TFRS	764
14	Kinship Scholarship	23
15	Sibling Scholarship	28
16	TIBM	3
17	USAID MNBSP	58
18	Work & Study	274
	<b>Total</b>	<b>3759</b>

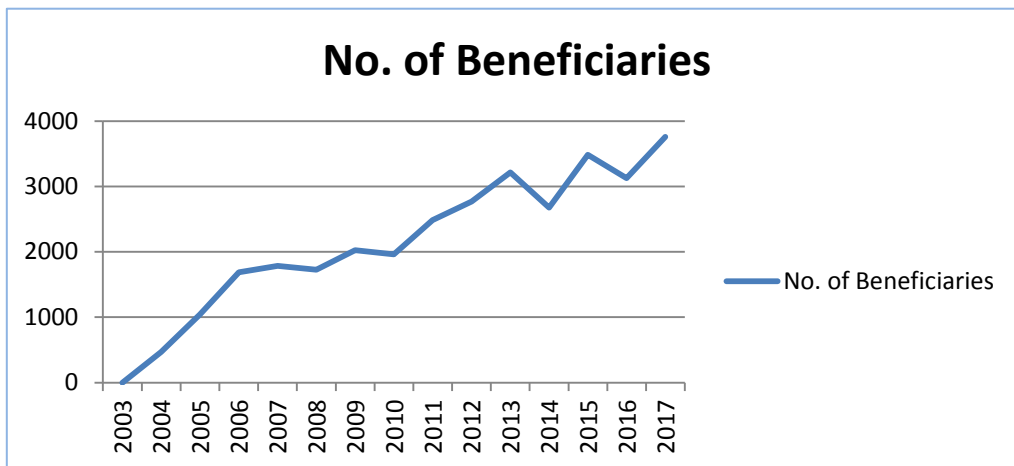


Management Systems International paid a three day visit to FAO to evaluate the USAID MNBSP scholarship processes. Achievement report was prepared that covered the whole course of activities and achievements of Financial Aid Office since the inception of the university. The main highlights of the report are:



**Fig: Growth in terms of donors providing financial Aid (2009-2017)**

**2. Number of Beneficiaries of FAO:**



**Fig: Showing Increase in number of beneficiaries (2003-2017)**

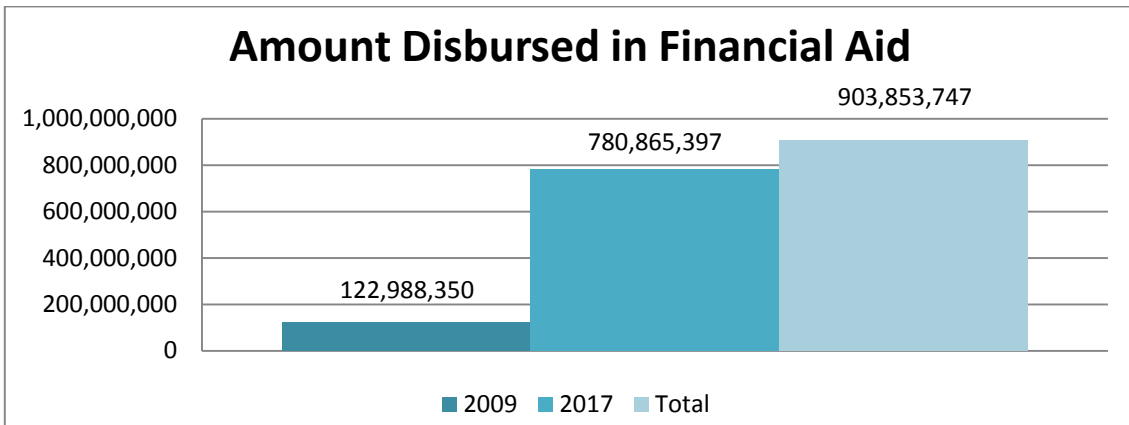
**PKR=903,853,747/-**

**Total amount disbursed so far in Financial Aid**



### 3. Amount Disbursed:

BUIITEMS has disbursed more than **900 Million** in different scholarship programs since its inception.



### University Advancement & Alumni Relations Office

Alumni relations are of strategic importance for BUIITEMS. To achieve its goal of maintaining a life-long relationship, the Directorate of UAFA 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 more than 7000 graduates in different disciplines. Our alumni are residing & serving throughout Pakistan and in more than 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.



# University Advancement & Alumni Relations Office

Fact Sheet 2010 - 2017

**1.3 + Billion**  
Funds Raised

Seed Amount for  
Endowment Fund  
Raised **70 +**  
Million

**400 +**

National & Multinational  
Organizations Served by our Alumni

**3500 +**  
Alumni Registered  
online

Companies Offer up  
to 30% Discount on  
Alumni Card **50 +**

Alumni Produced so far  
**7045**



Alumni Engaged Each Year  
Through Homecoming,  
Mentoring Sessions, Alumni  
Dinners etc.

**3000 +**

**40 +**

Linkages Developed with  
National & Multinational  
Organizations

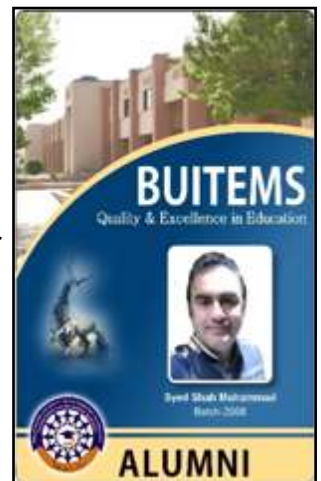


**Alumni Card**

Alumni Relations Office envisioned and issued "Alumni Card" on 3<sup>rd</sup> Homecoming Event 2017.

Alumni card benefits are:

- Access to BUIITEMS library
- Discount offers on courses, seminars and workshops to help in their professional career development
- Discounts in 45+ business including Hotels, Restaurants, Health Care, Airline tickets, Garments, Software Houses, Handicrafts, Bakeries and Shopping Malls



**BUIITEMS Alumni Homecoming Event 2017**

BUIITEMS Alumni Relations Office organized 3<sup>rd</sup> Alumni Homecoming 2017 under the theme "Connecting the Dots" on October 26, 2017. It was a full day event attended by more than 250 alumni from Pakistan & abroad.

There were multiple activities throughout the day to keep them engaged and make it another memorable experience.



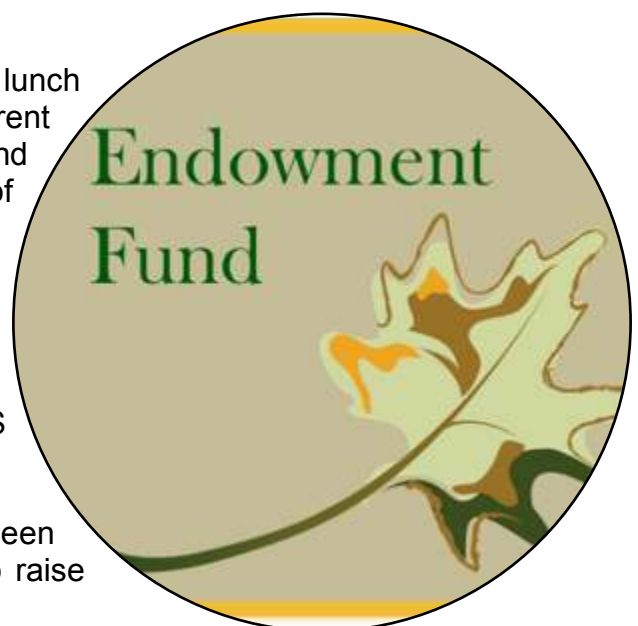
The Vice Chancellor Ahmed Farooq Bazai was the chief guest of this mega event. Mr. Muhammad Shah Khan, Director (UAFA) welcomed the alumni and the respected guests. Manager Alumni Relations Syed Shah Muhammad gave a brief introduction about the achievements and future programs for Alumni.

The Alumni, faculty members and admin staff had lunch together. The alumni were given a tour to the different academic departments, labs, auditoriums, cricket ground and the sports complex to show them the progress of University.

**BUIITEMS Endowment Fund**

The mission of BUIITEMS Endowment Fund is to provide resources to further the mission of BUIITEMS now and in the future.

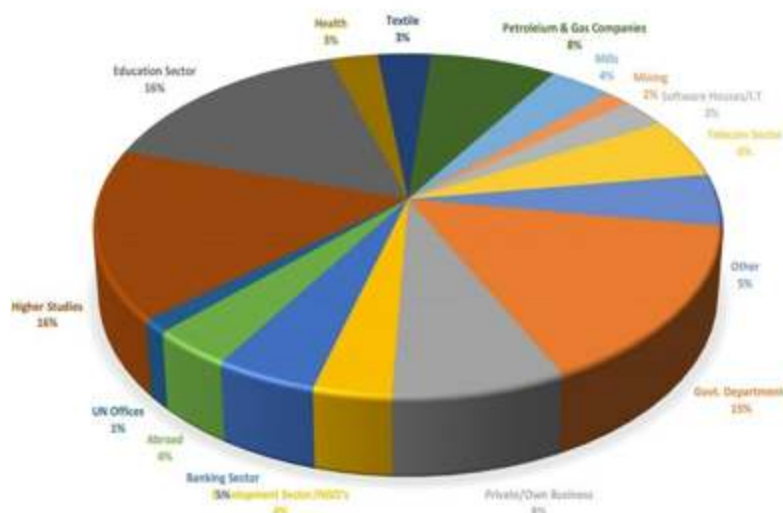
A seed amount of PKR 70 million has already been invested. Various donors have been approached to raise more funds for the Endowment.



**BUIITEMS Alumni Serving in 400+ National & Multinational Organizations around the Globe**



More than 7000 graduates serving in national & Multinational organizations in Pakistan and almost in 26 countries of the world.



<b>BUIITEMS Alumni Data 2017</b>			
<b>S.No.</b>	<b>Degree Program</b>	<b>Male</b>	<b>Female</b>
1	BS-Computer Engineering	353	68
2	BS-Electronic Engineering	537	46
3	BS-Telecom Engineering	287	45
4	BS-Computer Science	244	65
5	BS-Information Technology	110	28
6	BS-Software Engineering	38	11
7	BS-Electrical Engineering	77	2
8	BS-Civil Engineering	444	8
9	BS-Textile Engineering	290	13
10	BS-Chemical Engineering	325	9
11	BS-Petroleum & Gas Engineering	506	7
12	BS-Mining Engineering	154	1
13	BS-Geological Engineering	194	3
14	B- Architecture	65	26
15	BS-Social Sciences	31	6
16	BS-Mass communication	16	5
17	BS-Microbiology	28	25
18	BS-Physics	15	5
19	BS-Math's	4	-
20	MBA	672	275
21	MBA (Banking & Finance)	173	67
22	BBA	599	257
23	BS-Economics	140	44
24	BBS	6	2
25	BS-Biotechnology & Informatics	157	159
26	BS-English	10	14
27	BS-International Relations	66	13
28	BS-Fine Arts	11	8
29	MS Environmental Management & Policy	34	10
30	MS-Economics	12	4
31	MS- Biotechnology & Informatics	52	38
32	MS- Electronic Engineering	7	-
33	MS- Electrical Engineering	3	-
34	MS- Computer Science	28	19
35	MS- Computer Engineering	5	2
36	MS- Physics	23	2
37	MS- Information Technology	6	3
38	MS- Telecom Engineering	3	1
39	MS- Management Sciences	4	5
40	MS- Civil Engineering	7	-
41	MS- Mining Engineering	3	-
42	MS- Textile Engineering	2	-
43	PhD-Bio Technology and Informatics	7	-
44	PhD-Management & Economics	1	-
<b>Sub-Total</b>		<b>5749</b>	<b>1296</b>
<b>Total Alumni</b>		<b>7045</b>	



## BUIITEMS Partnerships / Collaborations

### Japan International Aid Agency (JICA)

- Strengthening of BUIITEMS Engineering Programs through provision of equipment and trainings
- Strengthening of BUIITEMS Career Services and Alumni Relations Offices

### China Foundation for Peace and Development (CFPD)

- Establishment of CPEC Center of Excellence

### British Council

- Social Enterprise Development Program
- Active Citizens Program

### World Bank

- Schools Monitoring Project in Balochistan
- Governance Support Project
- TNA of Government of Balochistan Line Departments
- Performance Monitoring System for Education and Health Departments

### SUPARCO

- Urban Planning, GIS and Remote Sensing Lab
- World Space Week Celebrations

### Pakistan Institute of Management (PIM)

- BUIITEMS Executive Education Center
- Professional Training Programs

### Pakistan Council for Science and Industrial Research (PCSIR)

- Establishment of Lab

### Lahore University of Management Sciences (LUMS)

- National Outreach Program
- Entrepreneurship Development

### Pakistan Petroleum Limited

- Strengthening of BUIITEMS P&G Engineering Labs

### Pakistan Red Crescent Society (PRCS)

- First Aid Training

### Habib Bank Foundation

- Development of computer labs
- Endowment Fund

## JICA – BUIITEMS Project

### 1. Masters Scholarships for Engineering Faculty

#### I. Mr. Zaheer Ahmed Kasi

Mr. Zaheer Ahmed Kasi, Assistant Professor, Faculty of Engineering completed his MS in Mining Engineering” from Akita University Japan.

**II. Mr. Nawaz Ali**

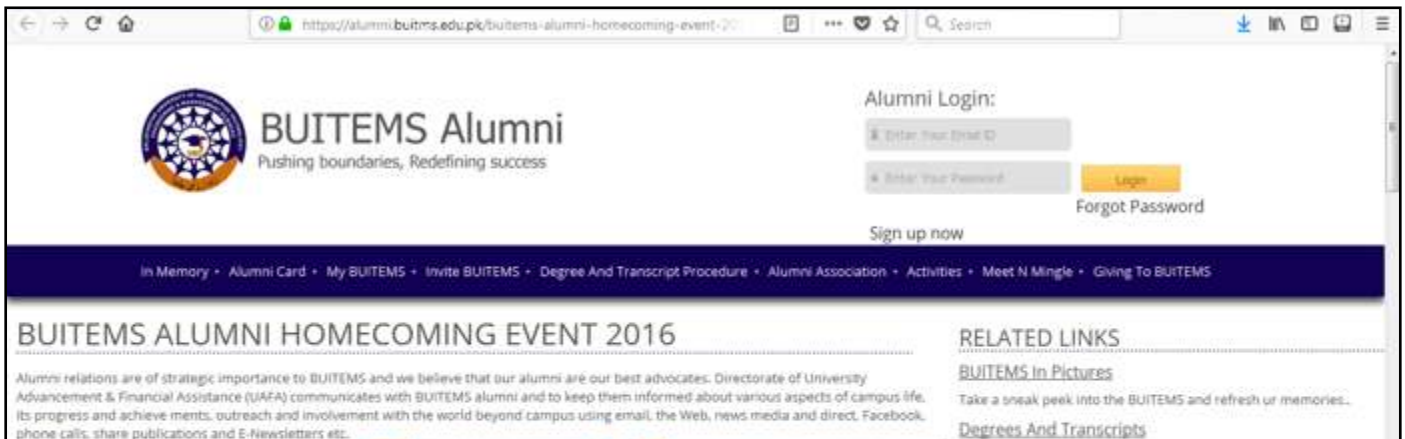
Mr. Nawaz Ali, Assistant Professor, Faculty of Engineering completed his MS in “Transportation Engineering” from Akita University Japan.

**III. Mr. Noman Simon Zoby**

Mr. Noman Simon Zoby, Lecturer, Faculty of Engineering is pursuing his MS in “Petroleum & Gas Engineering “from Akita University Japan.

**2. Alumni Web Portal and Online Donation System**

In order to achieve its goal of maintaining a life-long relationship with BUITEMS alumni, the Directorate of UAFA, with the support of JICA and IBA Karachi, developed a comprehensive alumni web portal. The link of alumni web portal is: <http://alumni.buitms.edu.pk>. Alumni and friends of BUITEMS can donate online through this portal



**3. JICA Project Equipment**

Quality education is the foundation of nation building. This is the foremost reason for the Japanese Government and people of Japan to support BUITEMS in its quest to improve education. To strengthen the lab facilities, JICA provided modern equipment for Civil, Mining & P&G engineering Labs of BUITEMS and also trained the lab staff to operate and maintain the equipment.

**3. Curriculum**

BUITEMS team visited E-JUST University Egypt in January 2017 on technical exchange program for improving research competencies, material & optimize utilization of lab equipment. The following agenda points were discussed and agreed during the visits.

- I. Faculty Development Action Plans (FDAP) formulated to focus on course files content quality, research innovation, labs & equipment utilization.
- II. Faculty syllabus and course file revision/modification based on FDAP
- III. Improvement in course files including Dissertation guidance in accordance with Washington Accord standards

The revised topics of syllabus have been approved by Board of Studies at BUITEMS and included in the curriculum.

#### 4. Career Counseling

BUIITEMS Career Services team visited NUST and both teams exchanged ideas regarding the ongoing career services activities at both universities and the following points were agreed.

- I. Formulation of Career Development Action Plans (CDAP) focusing on career counseling & linkages with employers
- II. Arrangements of Workshops/seminars & job fairs to have direct interaction with Industry for internship/job placement of qualified graduate students
- III. To ensure the quality of CV/ resume of students acquiring internships and job opportunities
- IV. Workshops, trainings, internships, and jobs placement records with specific details of the department.
- V. Development of Academia-Industry linkages



#### CPEC Center of Excellence

BUIITEMS in collaboration with China Center for Peace and Development (CFPD) is establishing a landmark CPEC Center of Excellence (CCE) in BUIITEMS, Takatu Campus, Quetta. In addition to the research and training activities conducted through this setup, the Center will be responsible for promoting cultural ties between China and Pakistan.



## **BUIITEMS Career Services Office**



### **1. Number of Students (2400) Facilitated In Seminars, Workshops, & Group Counseling Sessions**

- Provided individual and group counseling to students and helped new comers in choosing their study program
- Career services Orientation Session to new comers
- Conducted Workshop on “Career Development” with all faculties
- Speaker from USA (“Hashmat Malik ( founder and CEO of Software Productivity Strategists ) for Faculty and students on “Career Development & Women Empowerment”
- Organized session “How Parliament Works” for students of social sciences with UNDP
- Jointly Organized workshops and Webinars on “Entrepreneurship & Career Development” with ISRA University and Ball State University, USA
- Organized Meezan Bank awareness Recruitment session
- Workshop Session under US-Pak Knowledge Corridor USEFP & HEC
- Led BUIITEMS Students to UOB for Career Development Workshop with all partner organizations.
- Organized workshop on “How to Choose Major”
- Career Counseling sessions
- Resume writing sessions
- Interview Skills & Mock interviews sessions
- Job search strategies sessions
- Leadership Skills workshop
- Personality development workshop

### **2. Number of Students (900) Facilitated thru Individual Career Counselling Session**

- 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 search strategies
- Networking and Informational Interviews
- 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.



**3. Other Achievements**

- Japan Consulate selected 3 students for JENESYS study visit Program, Japan
- Nominated 12 students to State Bank of Pakistan for NFLP program
- Nominated 6 Students for "UN Volunteer Program"
- Nominated 4 Students as ambassadors for "Together for Tolerance"
- HEC Strategic Plan Workshop for Career Counselling Centre (Universities from Sindh & Balochistan)

**4. Job Placement**

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



# Career Services Office — CSO

Fact Sheet 2012 - 2017



1400+

Students Facilitated through Career Counseling

7500+

Students/Graduates Placed for Internships/Field Visits



1100+

Graduates Placed on Jobs



2200+

Graduates Placed in Prime Minister Youth Training Scheme

148

Career Workshops & Seminars



Campus Drivers Conducted

119

Employers Participated in Job Fairs



28

Potential Employers Engaged

400+

**5. Campus Drives Conducted:**

S. No	Name of Employer	Number of Vacancies
1	Atlas Honda Karachi	2 (FMS)
2	Al-Musawir Group	8 (2 FICT , 6 FOE)
3	Tetra Pak Lahore	4 (FICT)
4	Meezan Bank Karachi	16 (FMS)
5	TCS	4 (FMS & FICT)
6	Bank Alfalah	8 (FMS & FICT)

**6. Graduates placed indirectly through Walk-In Interviews**

S.No.	Name of Employer	Number of Vacancies
1.	Telenor Pakistan	2
2.	TCS Quetta.	12
3.	Quetta Serena Hotel	6
4.	PTCL Quetta	7
5.	Pakistan Red Crescent	2
6.	Balochistan Women Development Department	2
7.	ZONG	3
8.	Meezan Bank	4
9.	Polish Oil Exploration Company	1
10.	Quetta Metropolitan	8
11.	PTA	2
12.	UNHCR	4
13.	Toyta Zarghoon	8
14.	Bank Islami	4
15.	Askari Bank	4
16.	Sidat Hyder Morshed Associates (Pvt) Ltd	2
17.	TCS (Pvt) Ltd	2
18.	ACQ. (Pvt) Ltd	2
19.	PMYTP	2200
20.	Saqiba Girls College	3
21.	AVT Khyber	2
22.	Bolan Mining Enterprises	3
23.	Dara e Arqam School	6
24.	MCB	4
25.	Oxford University Press Pakistan	2
26.	Bank Alfalah	4
27.	SSGC Learning Opportunity for Fresh Engineering Graduates Emerging Leadership Program.	4
28.	Mobilink, Quetta	2
29.	Pak Turk School	3
30.	FINCA Microfinance Bank	3

S.No.	Name of Employer	Number of Vacancies
31.	BRSP for Web Developer	1
32.	Atlas Honda	2
33.	Chip Training And Consultant CTC Balochistan	20
34.	World Bank Schools Monitoring Project	22
35.	Garrison Academy ( Quetta)	2
36.	The City School Quetta	2
37.	Pearl institute of Management & IT	4

**7. List of Students placed in different organizations for Internship**

S.No.	Name of Organization	Number of Students
1.	Abtak News	2
2.	ACPL Lasbela	2
3.	Adnoc, Abu Dhabi	1
4.	Agha Khan Hospital	2
5.	Al Baraka Bank	4
6.	Al Musavir Construction Group	6
7.	Ali Murtaza Associates(PVT) Ltd	2
8.	Alkaram Textile Mills	4
9.	Allied Bank	2
10.	Al-Noor Sugar Mills	3
11.	Askari Cement Factory, Haripur	2
12.	Atlas Honda	7
13.	Attock Cement Pakistan Ltd	6
14.	Attock Oil Refinery	3
15.	B&R Civil Secretariat Quetta	2
16.	Bahria Town Lahore	2
17.	Balochistan Secretariat Food department Quetta	3
18.	Bank Alfalah	7
19.	Bannu Grade Bannu KPK	2
20.	Berger Paints Pakistan Ltd	4
21.	Bestway Cement Limited, D-I Khan	2
22.	BOL News	4
23.	Bolan Medical College	4
24.	Bolan Mining Enterprises, Quetta	6
25.	BRSP Quetta	3
26.	Building and Roads Quetta	4
27.	Building Division, Quetta	1
28.	BYCO	9
29.	CAMEOS Consultants	7
30.	Capital Developmental Authority	8
31.	Cherat Cement Company Limited, Lakrai Nowshera	5
32.	CHT Pakistan Pvt Ltd	1
33.	City Textile Mills Lahore	4
34.	Civil Aviation Authority	3
35.	Civil Hospital Quetta	5
36.	CMH Quetta	3
37.	CMTL Lahore	4
38.	Coal Mine Lakdha	4
39.	Coca-Cola	4
40.	Communication Works Department	2



<b>S.No.</b>	<b>Name of Organization</b>	<b>Number of Students</b>
41.	Crescent Tracking (Pvt) Ltd.	6
42.	Cultural Center of Islamic Republic Iran Quetta Pakistan	2
43.	Custom House Quetta	4
44.	Data Textiles Limited	2
45.	Dawn News	2
46.	Deewan Cement	6
47.	DG Cement	9
48.	DHA. Lahore	4
49.	Digicom Technologies Ltd	2
50.	Directorate of Colleges	4
51.	Drugs Rehabilitation and Narcotics Center	1
52.	Elixir Software House	4
53.	Engro-Corporation Limited	6
54.	Falcon Cement Factory	3
55.	Fauji Fertilizers Company Ltd	2
56.	Feroz Son's Laboratory	4
57.	FFC	4
58.	FWO	6
59.	Game Objects Lahore	2
60.	GENCO-111, TPS, Muzaffargarh	3
61.	GENCO-II TPS GUDDU Ditrict Kashmor, Sindh	6
62.	Geological Survey of Pakistan.	8
63.	Ghareebwal Cement Factory	4
64.	Ghazi Barotha Hydro Project	6
65.	GlaxoSmithKline Pharmaceutical Industry	1
66.	Guddu Power Plant	14
67.	Gul Ahmed Textile Mills	1
68.	Habib Metropolitan Bank	1
69.	HabibUllah Coal Mine	12
70.	Habibullah Coastal Power Plant (Pvt) Ltd, Quetta	38
71.	Haier	1
72.	HBL	4
73.	HDIP	1
74.	Head of Sub Office, UNDP Balochistan	1
75.	Heart and General Hospital	4
76.	Huawei	8
77.	Hydropower plant, Lower Dir Timargara	4
78.	Imperial chemical industry	6
79.	Islamabad Lok Virs	1
80.	Ittehad Chemicals	8
81.	Kay and Emm Textile Mill	17
82.	Kohat Cement Factory	8
83.	Kohat Textile Mill	4
84.	Kohinoor Textile Mills	5
85.	KUFPEC, Islamabad	3
86.	Loti Gas Field Dera Bugti , Balochistan	1
87.	Lucky Cement Ltd	8
88.	Mari Petroleum Company Ltd	8
89.	Meezan Bank Ltd	4
90.	Mekotex Private Ltd	1

S.No.	Name of Organization	Number of Students
91.	Merck (Pvt) Ltd.Pakistan	4
92.	Mercy Corps Quetta	1
93.	Milak Hall	2
94.	Millat Tractors Kot Abdul Malik, Lahore	1
95.	Minerals Govt of KPK	1
96.	Mining Department Quetta	3
97.	MOL Pakistan, Islamabad	3
98.	Muzafargarh Thermal Power Station	1
99.	NADRA	12
100	National Bank	18
101	National Institute of Electronics	30
102	National Logistic Cell	2
103	National Power Control Center, Islamabad	3
104	National Textile University Faisal Abad	4
105	Neelum Jhelum Hydropower Project, Muzaffarabad	9
106	NESPAK	2
107	Nestlé	4
108	Next Links Quetta	19
109	NHA	6
110	NIB Bank	3
111	Nishat Linen Mills	11
112	Noorani Metro Hall Quetta	1
113	NTC	2
114	NTS	6
115	OGDCL	22
116	OMV Islamabad	1
117	Packages Limited Lahore	1
118	Pakistan Atomic Engineering Council	2
119	Pakistan Broadcast Corporation Quetta	2
120	Pakistan Cricket Board	1
121	Pakistan Exploration Ltd	4
122	Pakistan Gems & Jewelers	6
123	Pakistan International Airline	8
124	Pakistan Railways Quetta	3
125	Pakistan Tobacco Company Islamabad	4
126	PARCO	6
127	PCSIR	4
128	PGIG Islamabad	1
129	PMDC	13
130	PPL	16
131	PSO	8
132	PTCL	58
133	PTV Station	20
134	Public Health Engineering Dept	4
135	Qadri Associates Quetta	4
136	QESCO	20
137	Quetta Development Authority	16
138	Quetta International Airport	4
139	Radio Pakistan	5
140	Regional Tax Office, Quetta	1
141	Rehman Cotton Mills	1
142	Reliable Innovation Technologies	

S.No.	Name of Organization	Number of Students
143	Roz News	2
144	Saif Textile Mill, Swabi Gadoon Ahmadzai	1
145	Saindak	12
146	Samaa TV	2
147	Sapphire Textile Mills	4
148	Schlumberger Islamabad	2
149	C&W Department Balochistan	6
150	Serena Hotel	10
151	Siemens	1
152	Sindh Technical And Vocational Training Authority	1
153	SNGPL	5
154	Sorange Coal Mine	5
155	Special School Complex Brewery Road Quetta	1
156	Standard Charter Bank Pakistan	3
157	State Bank of Pakistan	8
158	Sui Southern Gas Company Ltd	12
159	Taj Mehal Marriage Hall	1
160	Tarbela Dam	13
161	Telenor	2
162	Thermal Power Plant Jamshoro	3
163	Toyota Zarghoon	5
164	Ufone	4
165	UNHCR	10
166	Uniliver Pakistan Foods Ltd.	4
167	University of Peshawar Museum	1
168	WAPDA	6
169	Warsak Dam	1
170	Weatherford, Abu Dhabi.	1
171	Zong	6
<b>Total :</b>		<b>1128</b>



## **BUIITEMS Executive Education Center (BEEC)**

BUIITEMS Executive Education Center (BEEC) is first of its kind in Balochistan with a mission to partner with organizations to develop their human resource by providing practical corporate educational solutions to produce tangible results aligned with organization’s strategy. The following events and training workshops were organized in 2017 under the banner of BEEC.



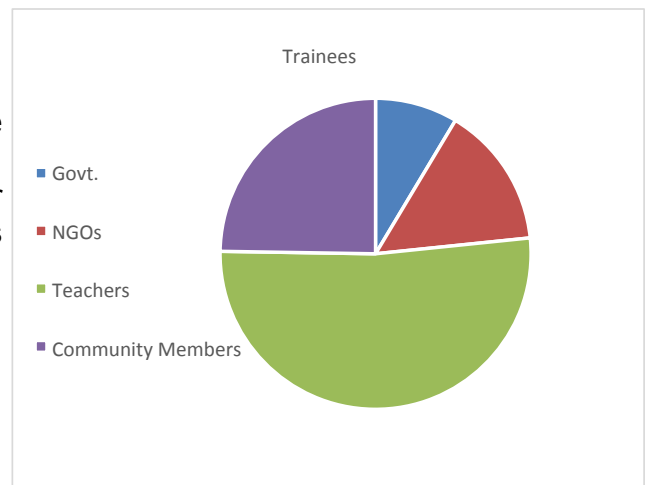
### **BEEC’s Own Training Calendar**

BEEC for the first time since its inception developed its own indigenous training calendar and tried to rely solely on its own human resource.

### **The Officials Trained during the Year - 2017**

During one year eight different trainings were conducted in diversified areas in which up to 291 different government officers, development sector officials, students, teachers and community workers were trained. Their spilt is given below:

Govt. Sector:	25 Officials were trained
NGOs:	43 Officials were trained
Teachers:	151 Teachers were trained
Community members	72 members were trained

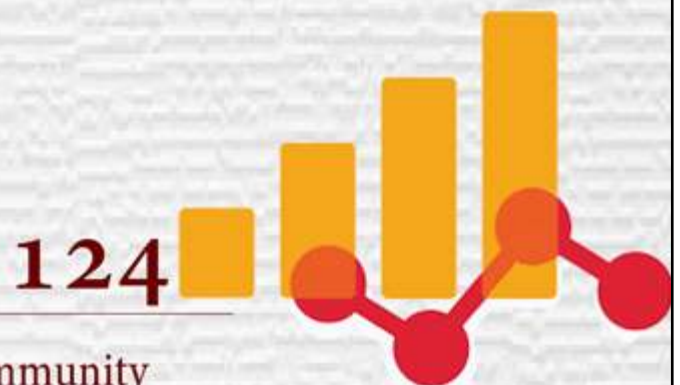


# BUIITEMS Executive Education Center - BEEC

## Fact Sheet 2014 - 2017



**Professionals Trained**

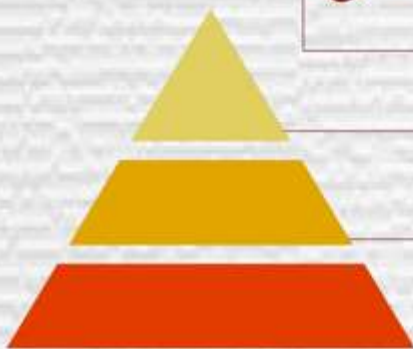


Community Representatives Trained

Revenue Generated

32 Trainings Conducted

5 Million +



NGO Officials Trained

162

Government Officials Trained

413

## BUIITEMS Business Incubation and Entrepreneurship Center (BBIEC)

### Business Idea Showcasing 2017: *Own an Idea, Create a Legacy*

BBIEC, first ever incubator in Balochistan, conducted annual Business Idea Showcasing on 21st November, 2017 at Expo Center BUIITEMS. Around 400 business ideas were showcased. Participants from BUIITEMS, Alhamd Islamic University, University of Balochistan, WTTC Quetta, Chamber of Commerce, Pakistan Gems and Jewellery, Iqra University, SBKWU, NUML etc. were part of this mega event.



### BUIITEMS Brilliance in National ICT R&D Project Competition 2017

National Competition of Final Year Projects was held on May 19, 2017” by National ICT R&D at Islamabad. 5000 projects were submitted and BBIEC’s Incubatee Ali Gul won it as 1st runner up with a cash prize of Rs. 300,000/- for his project: Smart Helmet for Coal Mines (it is aimed at keeping track of coal miners and their health in mines).

### Nest I/O Team visited BUIITEMS & BBIEC

Team from Nest I/O led by Miss Jehan Ara; president P@SHA visited BBIEC on January 27<sup>th</sup> 2017. They met startups and appreciated Incubatees’ efforts in their entrepreneurial journeys. P@SHA has been operational as the largest association for technology companies, software houses and in the Incubator space.



# BUIITEMS Business Incubation & Entrepreneurship Center - BBIEC

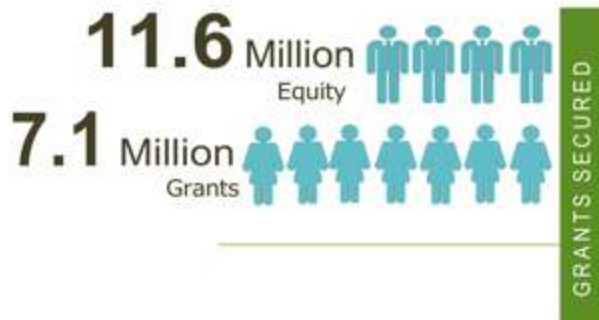
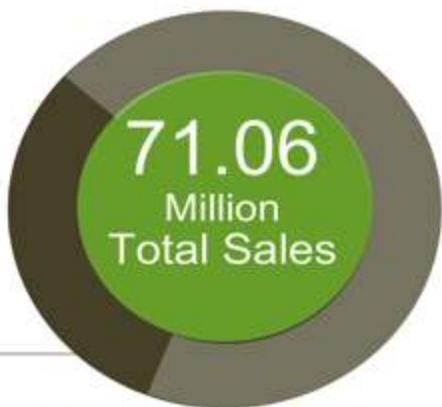
Fact Sheet  
2015 - 2018



37 COMPANIES SUCCESSFULLY GRADUATED

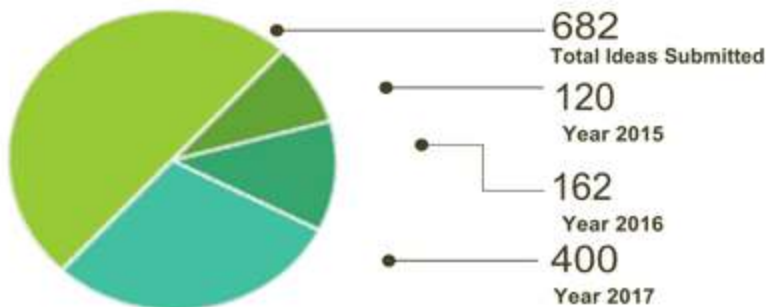
54 COMPANIES INDUCTED

234 JOBS CREATED



Profit 22.80 Million

## CONTESTS



**BBIEC\_LCE Wins Innovation Challenge Fund**

BBIEC, in collaboration with LUMS Center for Entrepreneurship won Karandaaz Innovation Challenge Fund (ICF), with funding from the United Kingdom’s Department for International Development (DFID). Under the program, BBIEC is building capacity of women entrepreneurs and is providing them access to investors. The objectives of ICF are to not only support entrepreneurs but also build the capacity of incubators to continue supporting female economic empowerment.

**Entrepreneurial Development Program - EDP**

EDP for 1st cohort of micro-entrepreneurs under BBIEC – Karandaaz Incubation Program, comprising of 19 micro businesses was held from November 22-30, 2017 at BBIEC.

The trainers were from EDAS, Lahore, Pakistan.



**BBIEC’s Contract Signing Ceremony**

BBIEC conducted contract signing ceremony of its 1st cohort of micro-entrepreneurs under BBIEC – Karandaaz Incubation Program comprising of 19 micro businesses on December 04, 2017. Agreements were signed with all micro-entrepreneurs. These micro entrepreneurs come from areas of Balochistan such as Washuk, Turbat, Loralai, Dera Murad Jamali, Quetta, Khuzdar, and Pishin.



**Graduation & Induction Ceremony of BUIITEMS BBIEC**

BBIEC conducted its first cohort’s graduation ceremony and 2nd cohort’s induction ceremony on May 4th, 2017. The objective was to graduate 1st cohort of nine startups and welcome 2nd cohort of fourteen firms. The Chief Guest honorable Vice Chancellor BUIITEMS, Mr. Ahmed Farooq Bazai appreciated the initiatives turning his vision into reality.





## **National Incubation Center (NIC), Quetta**

### **Mission**

National Incubation Center Quetta (NIC Quetta) is an entrepreneurship development platform jointly run by BUIITEMS and LUMS and funded by Ignite under the auspices of Ministry of IT and Telecom. At 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 strengthens local and national economy.

### **Vision**

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

### **Goals**

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



## International Center for Refugee and Migration Studies (ICRMS)

### ICRMS Mission

At the International Center for Refugee and Migration Studies (ICRMS), we are committed to generating interdisciplinary, collaborative and policy-relevant research on how human mobility both shape and is shaped by the social, political and economic landscapes in which it takes place at the local, regional and global levels.



### ICRMS Activities

#### We conduct research

ICRMS is engaged in conducting interdisciplinary research related to the issues, causes and effects of refugees and migrants in collaboration with various academic departments of BUIITEMS including but not limited to Sociology, Economics, International Relations, Psychology and others.

#### We engage in teaching and training

ICRMS conducts seminars, conferences and training workshops to contribute to expand the conceptual and empirical knowledge about refugees and migrants.

#### We propagate knowledge and information

ICRMS is involved in the publication of research, information resources, conference proceedings and reports, which are disseminated amongst academicians, policymakers, practitioners and other relevant institutions. Guest speakers are regularly invited to share their ideas about refugees and migrants.



## **BUIITEMS Student Affairs**

### **BUIITEMS SAP Selected for British Council, National Showcasing Event**



British Council has selected one of the Social Action Project (SAP) from BUIITEMS for The National Showcasing event which was held in Islamabad from **May 11 to 13, 2017**. Ms. Sahar Munir of BS(Miro Biology) & Mr. Habib-ur-Rehman of BS(Economics) represented the group & BUIITEMS. The name of the project is Re-use of Old Tires (TOR) and it has been declared the best project of SAP National Showcasing event. British High Commissioner & different ministers from all provinces visited BUIITEMS stall and appreciated the efforts of our students.

### **BUIITEMS won Model CCI: Debating Federalism**

BUIITEMS won Model CCI: Debating Federalism (a debate competition). It was organized by Henss Seidel Foundation, HSF, Pakistan Office, The competition was conducted among 30 students of all Universities of Balochistan.

Out of 8 selected students BUIITEMS secured first 4 positions and qualified for the federal round, which will be organized in first week of February.

Winners are:

<b>1</b>	Ms. Durrain Mir	<b>3</b>	Mr. Ali
<b>2</b>	Ms. Adila Batool	<b>4</b>	Mr. Abdul Wakeel Kakar





# Student Affairs Office - SAO

## Fact Sheet 2012 - 2017

Students Engaged in Cocurricular Activities Each Year

**3500 +**



Provincial Titles Won

**35**

**3000 +**

Students Participate in Olympiad each Year



Blood donations Camps Organized

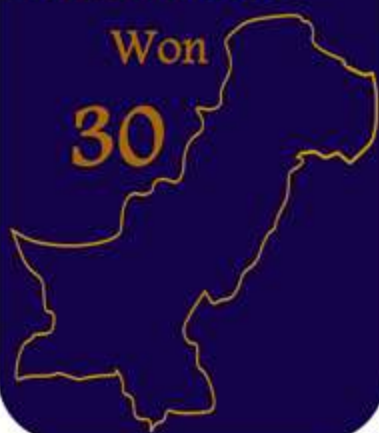
**06**

Regular Members in Clubs & Councils

**280**

National Titles Won

**30**



Students Facilitated in Exposure Visits

**250**

Olympiads Organized

**04**

Community Service Events organized

**09**

10 Clubs & Councils to engage Students Throughout the Year

**10**





## Office of Research Innovation and Commercialization (ORIC)

### Introduction to ORIC BUITEMS

Research and commercialization of the research output remains a top priority along with quality teaching by all Higher Education Institutions (HEIs) worldwide for a sustainable economic growth, future knowledge economy and improving quality of life. To fulfill these primary roles, BUITEMS designed an implementable research policy which reflects the core values of academic freedom, professional integrity and ethical conduct and full compliance with all policies, legal requirements and operational standards of the university. In light of importance of research and implementation of the research policy, following HEC guidelines, a center is being established at BUITEMS in 2011, named as “Offices of Research Innovation and Commercialization (ORICs)”.

### A. ORIC FUNDED RESEARCH PROJECTS AWARD CEREMONY

**Organized For:** Distributing awards of 40 projects among BUITEMS faculty members

**Venue:** Green Hall, Sir Syed Block, BUITEMS, Quetta

**Held on:** 17<sup>th</sup> November, 2017

**Organized By:** ORIC BUITEMS, Quetta

#### 1. PROJECTS AWARDED (For the session 2017-2018)

Following is a list of awardees for the ORIC supported research grants

Faculty of Information and Communication Technology		
S.No	Principal Investigator	Title of Research Project
1	Dr. Faisal Ahmed Khan, Dean,	Project ED-Portable Electronic Display
2	Dr. Bakhtiar Khan Kasi, Assistant Professor	Smart Home Technology for Water Conservation
3	Dr. Abdul Samad, Assistant Professor	Social Mobile Autonomous Robot BUITEMS (SMART BUITEMS)
4	Dr. AnayatUllah, Assistant Professor	Design and Implementation of a Bio-Inspired Snake Robot with Evolved Movement Gaits



Faculty of Arts and Basic Sciences		
S.No	Principal Investigator	Title of Research Project
5	Prof. Dr. Tasneem Zahra Rizvi, Professor	Preparation and Characterization of Nanostructured Semiconductor Materials for Dye-Sensitized Solar Cells
6	Dr. Muhammad Nawaz, Assistant Professor	Synthesis and Biological Evaluation of Some Aliphatic Acid Hydrazides and Their Hydrazones
7	Dr. Muhammad Raheel, Assistant Professor	Thermodynamics of Surfactant Micellization in the presence of Lapachol and Their Derivatives
8	Dr. Mujtaba Ellahi, Assistant Professor	Preparation of thin Smart glass films via PIPS Method Using TYETA Hardener
9	Dr. Mamoon Ur Rashid, Assistant Professor	Physicochemical Investigation of Based During in the Presence of Ionic Surfactants
10	Dr. Hamid Ullah, Assistant Professor	Studies directed towards the synthesis of Morita Baylis–Hillman adduct based oximes and their biological investigation
11	Dr. Gulfam Nasar, Assistant Professor	Synthesis of electro-magnetic and morphological studies of ferrite-polymer nanocomposites
12	Mr. Nauman Khan Lecturer	Impact & Need of Mini TV Studio in Journalism schools” (Case study of Journalism Departments of KPK, Gilgit Baltistan & Balochistan) OR “Impact of Mini TV Studio in (Case study of Journalism Departments of KPK, Gilgit Baltistan & Balochistan) Journalism Schools with its Indispensable Realization

Faculty of Management Sciences		
S.No	Principal Investigator	Title of Research Project
13	Muhammad Adeel Anjum, Assistant Professor	Measuring the Dimensionality of Service Quality in Fine Dining Hotels of Quetta: A Scoping Study
14	Muhammad Jawad Khan, Assistant Professor	Impact of Choosing Matric/Fsc or O-Levels/A-Levels at High School on Individual's Earnings
15	Aziz Ahmed, Lecturer	Identification of Relevant Technical & Vocational Skills in the Context of CPEC Projects for Unemployed Youth of Balochistan.

Faculty of Engineering		
S.No	Principal Investigator	Title of Research Project
16	Dr. Muhammad Najam Khan, Associate Professor	Oil extraction from Microalgae for Biodiesel Production
17	Dr. Syed Mobasher Aftab, Associate Professor	Impact of Climate Change and Human-Induced Processes on the Quaternary Aquifer of Quetta Valley
18	Dr. Malik Muhammad Akhtar Assistant Professor	Analyses water quality, anthropogenic and metrological factors to manage groundwater resources at Quetta: Using Remote Sensing and GIS techniques
19	Dr. Abdul Malik Rehan Abbasi, Associate Professor	Development of Multifunctional Hybrid Systems for structural health monitoring
20	Dr. Syed Zameer Ul Hassan, Associate Professor	Fabrication of smart glove for deaf and dumb to recognize sign language using textile sensors
21	Dr. Ali Nawaz Mengal, Assistant Professor	Burst pressure investigation of type IV hybrid composite pressure vessels
22	Dr. Faiza Akhtar, Assistant Professor	Assessment of Environmental Lead Pollution on Blood Lead Levels in street vendors in Quetta District, Pakistan

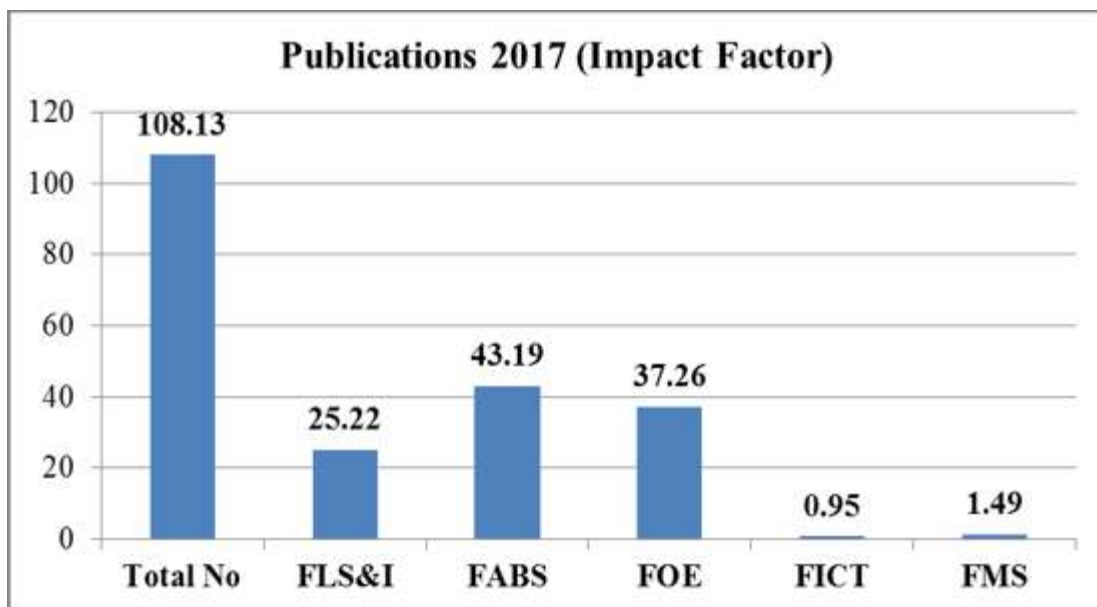
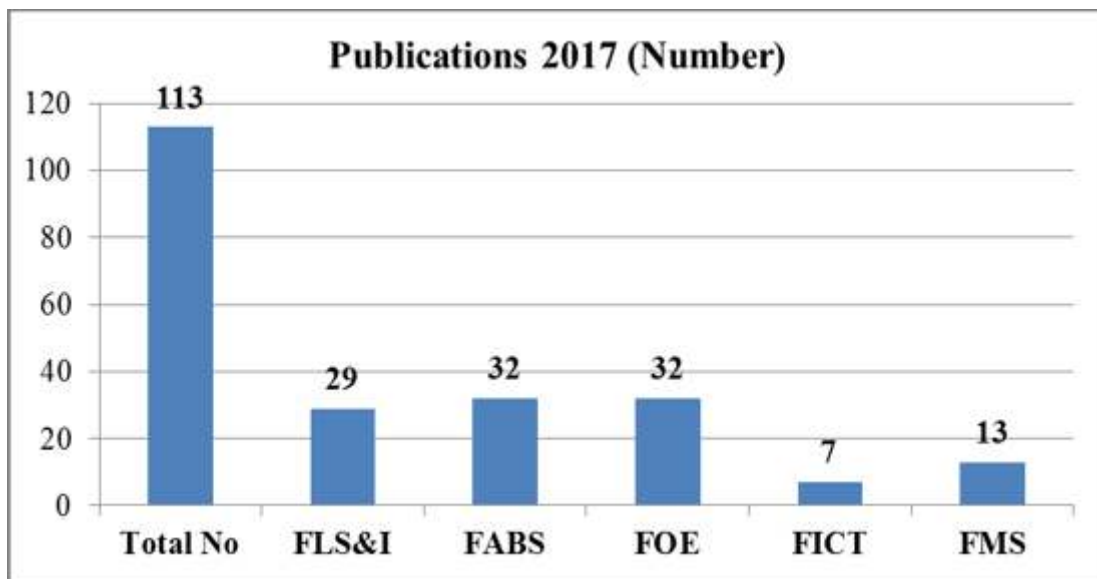


<b>Faculty of Engineering</b>		
<b>S.No</b>	<b>Principal Investigator</b>	<b>Title of Research Project</b>
23	Dr. Saeed Ullah Jan Mandokhail, Assistant Professor	Evaluating the effect of treated Rice Husk fiber on Soil behavior
24	Engr. Dr. Faisal Mushtaq, Assistant Professor	Biofuel Production by Pyrolysis and Co-pyrolysis of Indigenous Biomass and Coal Resources
25	FawadUI Hassan, Lecture	Characterization of Harnai Coal by Proximate Analysis

<b>Faculty of Life Sciences&amp; Informatics</b>		
<b>S.No</b>	<b>Principal Investigator</b>	<b>Title of Research Project</b>
26	Dr. Jamil Ahmad, Professor	Sequencing of cataracts causing genes in patients of Balochistan
27	Prof. Muhammad Naeem Shahwani, Professor	Effect of Silicon Sources on Different Verities of Wheat Grown in Balochistan Under Saline Conditions
28	Dr. Nazeer Ahmed, Professor	DNA inventories of Flora of Balochistan University of Information Technology, Engineering and Management Sciences(BUIITEMS)
29	Dr. Mohammad Saeed, Professor	Establishment of a forest tree and shrub nursery at BUIITEMS Takatu campus
30	Dr. Abdul Wali, Associate Professor	Identification of disease causing gene in Xeroderma Pigmentosum patients
31	Dr. Naseebuallah Kakar, Associate Professor	To investigate the Interaction and Regulation Mechanism Between TP63 and ZAK using CRISPR/Cas9 Genome Editing Technology
32	Dr. Shahjahan Shabbir Associate Professor	Recombinant DNA Technology for gene cloning via pUC18 vector
33	Dr. Rozeena Shaikh, Associate Professor	Identification of DMD Gene Mutations in Duchenne Muscular Dystrophy patients of Balochistan, Pakistan
34	Dr. Shakeela Daud, Assistant Professor	Identification and characterization of mutations in GLI3 gene in Balochistan families suffering from Polydactyl
35	Ms. Sobia Faisal, Assistant Professor	Scaling aquaponics system Balochistan plant uptake with fish output
36	Dr. Jan Muhammad Associate Professor	An android supported sign language Recognition system for deaf and speech impaired people
37	Dr. Abdul Salam Lodhi Associate Professor	Socioeconomic Determinants of Girls Dropout in Secondary Education: An Ethnographic Study in Selected Districts of Balochistan
38	Ms. Asma Yousafzai Assistant Professor	Genetic Studies of Breast Cancer in Population of Balochistan
39	Dr. Aurangzaib Alamgir Assistant Professor	Feminism and women's movement in Pakistan: A perception study of educated elites.
40	Dr Fayaz Audhal Associate Professor	Ethnobotanics, Practice in Balochi Tribes (Plants used by Balochi Tribes Against Skin Disease)
<b>Grand Total cost</b>		<b>6.44 Million</b>

**1. RESEARCH PUBLICATIONS**

**Number of Reserch Publication 2017**



## FACULTY OF LIFE SCIENCES AND INFOMATICS (FLS&amp;I)

1. Sowada N, Hashem MO, Yilmaz R, Hamad M, **Kakar N**, Thiele H, Arold ST, Bode H, Alkuraya FS, Borck G. (2017) Mutations of PTPN23 in developmental and epileptic encephalopathy. *Human genetics*. 136 (11-12):1455-1461. (IF: 4.63).
2. Kakar KU, Nawaz Z, Kakar K, Ali E, Almoneafy AA, Ullah R, Ren X-I, Shu Q-Y (2017) Comprehensive genomic analysis of the CNGC gene family in Brassica oleracea: novel insights into synteny, structures, and transcript profiles. *BMC genomics* 18 (1):869. (IF: 3.72).
3. Rasool M, Malik A, Hussain M, A Haq K, Butt K, Abdul Basit Ashraf M, Imran Naseer M, **Asif M, Shaikh R**, Zahid Mustafa M. (2017). DARPin Bioengineering and its Theranostic Approaches: Emerging Trends in Protein Engineering. *Current pharmaceutical design* 23 (11):1610-1615. (IF: 2.61).
4. Rasool M, Ashraf MAB, Malik A, Waquar S, Khan SA, Qazi MH, Ahmad W, **Asif M**, Khan SU, Zaheer A. (2017). Comparative study of extrapolative factors linked with oxidative injury and anti-inflammatory status in chronic kidney disease patients experiencing cardiovascular distress. *PloS One*.12(2):e0171561. (IF:2.806).
5. Akram AM, Iqbal Z, Akhtar T, Khalid AM, Sabar MF, Qazi MH, Aziz Z, Sajid N, Aleem A, Rasool M, **Asif M**. (2017). Presence of novel compound BCR-ABL mutations in late chronic and advanced phase imatinib sensitive CML patients indicates their possible role in CML progression. *Cancer Biology & Therapy*. 18 (4):214-22. (IF:3.294).
6. **Mushtaq A**, Jamil N, Riaz M, Hornyak G, Ahmed N, **Ahmed SS, Malghani MAK, Shahwani MN**. (2017). Synthesis of Silica Nanoparticles and their effect on priming of wheat (*Triticum aestivum* L.) under salinity stress. *Biological Forum-An International Journal*. 9: 1-8. (IF: 2.9).
7. **Kakar N**, Horn D, Decker E, Sowada N, Kubisch C, **Ahmad J**, Borck G, Bergmann C. (2017). Expanding the phenotype associated with biallelic WDR60 mutations: Siblings with retinal degeneration and polydactyly lacking other features of short rib thoracic dystrophies. *American journal of medical genetics Part A. Volume 2017*. (IF: 2.25).
8. **Daud S, Ahmed N, Naudhani S**, Younus M, Manzoor S, Firyal S, Yaqub T, Hashmi AS, UIAmin R, Wasim M (2017) In-Silico Analysis of Gene Als2 Genetic Variants Identified in the Affected Horses and Humans with Motor Neuron Disease. *Journal of Equine Veterinary Science*. Volume 2017. 1-13. (IF: 0.88).
9. **Nisar S**, Aleem A, Panezai M, Afridi S, Malik SI, **Shahwani MN**. (2017). Amplification of Mitochondrial DNA for detection of Plasmodiumvivax in Balochistan. *Journal of the Pakistan Medical Association*. 67(5):677. (IF: 0.61).
10. **Murad M, Arbab M**, Khan MB, Abdullah S, Ali M, Tareen S, **Khan MW**. (2017). Study of factors affecting and causing preterm birth. *Journal of Entomology and Zoology Studies*. 5(2): 406-409. (IF: 0.55).
11. **Khajjak MH, Saeed M, Shahwani MN, Ahmed SS**, Shaheen G, **Yousafzai A, Ahmed N**. (2017). Seed and cone biometry of Juniperus excelsa from three Provenances in Balochistan. *International Journal of Biosciences*.10 (01):345-355. (IF: 0.55).

12. Tahir F, **Ahmed SS, Sani IA, Ahmed N, Shahwan MN**, Saeed M, , Umair MR. (2017). Ahmed Copper resistant bacteria at coal mines sorrange Balochistan. *International Journal of Biosciences*.10 (03):288-296. **(IF: 0.55)**.
13. Khan YK, **Agha SI**, Shafee M, Ahmed S, **Asif M**, Mastoi AH, Yaqoob M, Ahmed N, Akbar S, Umar M, Ali A. (2017). Staphylococcus aureus associated with bovine mastitis in Quetta, Pakistan. *International Journal of Biosciences*.11: 457-463. **(IF: 0.55)**.
14. **Luqman M, Yousafzai A, Ahmed N, Asad-ullah, Riaz-ul-Amin**, Hameed A, Naudhani A, Daud. S. (2017). Identification of two Missense Mutations (p.Ile198Thr & p.Ser44Arg) in TYR gene in Pakistani familie. *International Journal of Biosciences*.10 (04):232-238. **(IF: 0.55)**.
15. Tahir T, **Ahmed SS, Ahmed N, Sani IA Shahwan MN, Saeed M, Rashid M, Ahmed U**. (2017), Copper Resistant Bacteria at Coal Mines of Sorrange Balochistan. *International Journal of Biosciences*. 10(3): 288-355, 2017 **(IF: 0.55)**.
16. **Daud S, Naudhani S, Ahmed N**, Yaqub T, Hashmi AS, **Raza A**, Awan S, **Wali A**, Luqman M, Wasim M. (2017). Mutational analysis of the equine Cu/Zn superoxide dismutase (SOD1) and amyotrophic lateral sclerosis (ALS2) in horses of Pakistani origin: No evidence found for motor neuron disease. *International Journal of Biosciences*. 10(03): 157-162. **(IF: 0.55)**.
17. **Agha SI**, Shafee M, Shafiq M, **Asif M**, Parveen S, **Kakar K**, Khan YH, Amir M, Qadir A, Yakoob M, Baloch A. (2017). Antimicrobial activity of Thyme (*Thymus vulgaris*) essential oil cultivated in Quetta, Balochistan, Pakistan. *International Journal of Biosciences*.10 (02):105-110. **(IF: 0.55)**.
18. **Raza AM**, Mengal N, Nawaz **M, Saeed M, Wali A Ahmad J**. (2017. Hypodontia and Cleft lip; A consequence of homozygous Missence mutation in PAX Gene. *International Journal of Biosciences*. 11: 382-387. **(IF: 0.53)**.
19. Rasool M, Malik A, Saleem S, Ansari SA, Iqbal J, **Asif M**, Kamal MA, Al-Qahtani MH, Karim S. (2017). Assessment of Circulating Biochemical Markers in Mice Receiving Cinnamon and Glycyrrhizin Under Carbon Tetrachloride Induced Hepatic Injury. *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences*:1-7. **(IF: 0.34)**.
20. Batool BT, Tareen A, Ahmed SS, Ejaz H, Kakar MA, Rehman SA, **Saeed M**, Ahmad Z, Tariq MM, Awan MA, **Shahwani MN**. (2017) Prevalence of Zoonotic Tuberculosis and Brucellosis in Animals of Quetta and Pishin Districts, Balochistan. *Pakistan Journal of Zoology*. 49:363-363. **(IF: 0.32)**.
21. Rasool M, Malik A, Arooj M, Alam MZ, Alam Q, Awan M, **Asif M**, Qazi MH, Zaheer A, Khan SU (2017) Evaluation of antimicrobial activity of ethanolic extracts of *Azadirachta indica* and *Psidium guajava* against clinically important bacteria at varying pH and temperature. *Biomedical Research*. 28:134-139. **(IF: 0.21)**.
22. Khan SR, Malik A, Ashraf MAB, Waquar S, Ahmad S, Khan AR, Zaheer A, Iqbal A, Mustafa MZ, Jabbar A, **Asif M, Shaikh R**. (2017). Implication of prophetic variables and their role in the development of oral squamous cell carcinoma (OSCC). *Biomedical Research*. 28(19): 8360-8366. **(IF: 0.21)**.
23. **Asif M, Hussain A, Wali A, Ahmad N, Sajjad N, Amir M, Ali I, Pushparaj PN, Rasool M** (2017) A rare case of three-way complex variant translocation in chronic myeloid leukemia t(6; 9; 22)(p21; q34; q11): A case report. *Biomedical Reports*. 7 (4):377-379. **(ISI Indexed)**.

24. Manzoor H, Naheed H, Ahmad K, Iftikhar S, **Asif M**, Shuja J, Sultan N, Ali I, **Agha SI**, Khan YH (2017) Pattern of gynaecological malignancies in south western region of Pakistan: An overview of 12 years. *Biomedical Reports*. 7(5):487-491. **(ISI Indexed)**.
25. Ahmed S, Sanjrani M, Ahmad Z, **Asmatullah**, Khan DA, Rezwana, Sadiq YS, Siddique M, Iram N. (2017). Microbiological studies of bovine mastitis caused by *Escherichia coli* in Quetta, Balochistan. *Indo American Journal of Pharmaceutical Science*. 4(7): 1929-1936. **(ISI Indexed)**.
26. Tariq T, Ateeq Ma, Kiyani MT, **Ahmed N**, Shahzad F, Yousaf M, **Sani IA, Murad M, Yousafzai A, Ahmed N**, Shahid D, Sadaf H. (2017). Characterization of Micro Flora from Coal Mines of Baluchistan, Pakistan. *Indo American Journal of Pharmaceutical Science*. 4(12): 4764-4775. **(ISI Indexed)**.
27. Usman K, Rehman HU, Khudadad S, Pervaiz K, **Khan MW**, Ali SZUA, Maqsood MJ, Jawad SM, Ahmad A. (2017). Assessment of heavy metals in River Kabul at Warsak Peshawar Khyber Pakhtunkhwa, Pakistan. *Journal of Entomology and Zoology Studies*. (6): 1726-1728. **(ISI Indexed)**.
28. Khan MW, Khalid M, HabibUllah HUR, Ayaz Y, Ullah F, Jadoon MA, Waqas M, Afridi S Detection of Arsenic (As), Antimony (Sb) and Bacterial Contamination in Drinking Water. *Biological Forum*. 9:133-238. **(ISI Indexed)**.
29. **Yousafzai A**, Ahmed N, Luqman M, Naseeb HK, Hashmi N, Rani k, **Murad M, Arbab M, Ejaz M, Ahmed U, Wali W, Sajjad N, Baloch AM, Ahmad J**. (2017). Clinical presentation and lifestyle related risk factors of breast cancer among different age and Ethnic groups. *Indo American Journal of Pharmaceutical Science*. 4: 4464-4475. **(ISI Indexed)**.

#### FACULTY OF ARTS AND BASIC SCIENCES (FABS)

30. **Waqas M**, Iqbal S, Bahadur A, Saeed A, Raheel M, Javed M. (2017). Designing of a spatially separated hetero-junction pseudobrookite ( $\text{Fe}_2\text{TiO}_5\text{-TiO}_2$ ) yolk-shell hollow spheres as efficient photocatalyst for water oxidation reaction. *Applied Catalysis B: Environmental*. 219:30-35 **(IF 9.44)**.
31. **Ullah Z**, Bustam MA, Man Z, Khan AS, Muhammad N, Sarwono A. (2017). Preparation and kinetics study of biodiesel production from waste cooking oil using new functionalized ionic liquids as catalysts. *Renewable Energy*. 114:755-765. **(IF: 4.35)**.
32. Shi S, Li P, Meng J, Jiang D, Tan Y, **Asghar NHK**. (2017) Kinetics of volatile impurity removal from silicon by electron beam melting for photovoltaic applications. *Physical Chemistry Chemical Physics*. 19 (41):28424-28433. **(IF: 4.1)**.
33. Warsi MF, **Gilani ZA**, Al-Khalli NF, Sarfraz M, Khan MA, Anjum MN, Shakir I. (2017). New  $\text{LiNiO}_2$ .  $5\text{PrxFe}_2\text{-xO}_4$  nanocrystallites: Synthesis via low cost route for fabrication of smart advanced technological devices. *Ceramics International*. 43(17):14807-14812. **(IF 2.98)**.
34. Ali MF, Gan J, Chen X, Yu G, Zhang Y, **Ellahi M**, Abdeltawab AA. (2017). Hydrodynamic Modeling of Ionic Liquids and Conventional Amine Solvents in Bubble Column. *Chemical Engineering Research and Design*. 129::356-375. **(IF: 2.53)**.
35. **Shah HH**, Iqbal Q. (2017). Gravitational collapse of dark matter interacting with dark energy: Black hole formation. *International Journal of Modern Physics*. D: 1750142. **(IF: 2.4)**.

36. Shah HH. (2017). Black hole formation due to collapsing dark matter in a presence of dark energy in the brane-world scenario. *International Journal of Modern Physics*. D:1850020. (IF: 2.4).
37. Khan MN, Savaniu C, Azad A, Hing P, Irvine J (2017) Wet chemical synthesis and characterisation of Ba<sub>0.5</sub> Sr<sub>0.5</sub> Ce<sub>0.6</sub> Zr<sub>0.2</sub> Gd<sub>0.1</sub> Y<sub>0.1</sub> O<sub>3-δ</sub> proton conductor. *Solid State Ionics*. 303:52-57. (IF: 2.3).
38. Khan MN, Azad AK, Savaniu CD, Hing P, Irvine JTS. (2017). Robust doped BaCeO<sub>3-δ</sub> electrolyte for IT-SOFCs. *Ionics*. 23:2386-2396. (IF: 2.06).
39. Nadeem Q, Shen Y, Warsi MF, Nasar G, Qadir MA, Alberto R. (2017). Cyclic RGD penta peptides cRGDyK derivatized with cyclopentadienyl complexes of technetium and rhenium as radiopharmaceutical probes. *Journal of Labelled Compounds and Radiopharmaceuticals*. Vol.2017: 394-400. (IF: 1.74).
40. Channa, LA. (2017). Letter writing as a reflective practice: understanding the shuffling, shifting and shaping of a researcher identity. *Reflective Practice*, 1-11. (IF 1.08)
41. Ali R, Gilani ZA, Shifa MS, Asghar HNUHK, Khan MA, Anjum MN, Usmani MN, Warsi MF, Khawaja IU (2017) Evaluation and comparison of dc resistivity of NiZr<sub>x</sub> Co<sub>x</sub> Fe<sub>2-2x</sub> O<sub>4</sub>, Ni<sub>0.5</sub> Sn<sub>0.5</sub> Co<sub>x</sub> Mn<sub>x</sub> Fe<sub>2-2x</sub> O<sub>4</sub>, Mg<sub>1-x</sub> Ca<sub>x</sub> Ni<sub>y</sub> Fe<sub>2-y</sub> O<sub>4</sub> and Mg<sub>1-x</sub> Ni<sub>x</sub> Co<sub>y</sub> Fe<sub>2-y</sub> O<sub>4</sub> nanocrystalline materials. *Materials Research Express*. 4 (11):115009. (IF: 1.06).
42. Ayub A, Shakoor A, Rizvi TZ, Elahi E (2017) Study of structural, electrical and dielectric behavior of cadmium selenide quantum dots/polyaniline nanocomposites. *Polymer Science, Series A*. 59(2):233-241. (IF: 0.82).
43. Manan SA, David MK, Dumanig FP, Channa LA. (2017). The glocalization of English in the Pakistan linguistic landscape. *World Englishes*. (IF 0.76).
44. Gilani Z, Anjum M, Shifa S, Khan Huh, Asghara J, Usmani M, Aslam S, Khan M, Shahid M, Warsi M.. (2017.) Morphological and Magnetic Behavior of neodymium doped Ni<sub>0.5</sub> Fe<sub>2.0</sub> O<sub>4</sub> Nanocrystalline ferrites prepared via micro-emulsion technique. *Dig journal of nanomaterial and biostructure*. 12:223-228. (IF: 0.75).
45. Asghar H, Shifa M, Gilani Z, Wang P, Rehman J, Anjum M, Usmani M, Tan Y, Shi S, Jiang D. (2017). Redistribution of carbon from silicon by electron beam melting. *Digest journal of Nanomaterials and Biostructures*. 12(3):785-795. (IF: 0.83).
46. Khan AK, Asghar NUHK, Gilani ZA, Ajma HM, Shifa MS, Usmani MN, Rehman J. (2017). A comparative study of 16-frame and 8-frame gated SPECT imaging for determination of left ventricular volumes and ejection fraction. *Science International*. 29(4) :847-855. (IF: 0.75).
47. Aboud FM, Ahmad I, Arshad S, Liaqat S, Gilani ZA. (2017). The Effect of Rare Earth Dy<sup>3+</sup> ions on Structural, Dielectric and Electrical Behaviour of Ni<sub>0.4</sub>Co<sub>0.6</sub>Dy<sub>y</sub>Fe<sub>2-y</sub>O<sub>4</sub> Nano-Ferrites Synthesized By Wet Chemical Approach. *Digest Journal of Nanomaterials and Biostructures*, 12: 159-168. (IF:0.83)
48. Khan AK, Asghar, Asghar NUHK, Gilani ZA, et al. (2017). A comparative study of 16-frame and 8-frame gated SPECT imaging for determination of left ventricular volumes and ejection fraction. *Science International*. 29(4): 847-855. (IF: 0.75).

49. **Manan SA.** (2017). The younger, the better: Idealized versus situated cognitions of educators about age and instruction of English as a second/foreign language in Pakistan. *Language Sciences* 64:54-68. (IF: 0.66).
50. Rahman G, **Ghaffar A**, Mubeen S, Arshad M, Khan S. (2017). The composition of extended Mittag-Leffler functions with pathway integral operator. *Advances in Difference Equations*. Volume 2017 (1):176. (IF 0.33).
51. **Manan SA**, David MK, Dumanig FP. (2017). Ethno linguistic dilemma and static maintenance syndrome. *Language Problems and Language Planning*. 41(1):66-86. (IF: 0.28).
52. **Gilani ZA**, Shifa MS, Ajmal K, **Asghar NUHK**, **Ahmad N**, **Rehman J**, Aslam S, Usmani MN, Zahra, Ahmed K. Measurement of ambient gamma radiation levels at different localities of Quetta, Pakistan. *Interciencia Journal*. 42(11):63-78. (IF: 0.28)
53. Rehman AU, Hassan M, **Asghar NUHK**, **Gilani ZA**, Aashiq MN, Rehman J, Anjum MN (2017). "Developmental and Reproductive Toxicity of Hydrothermally Synthesized Zirconium dioxide Nanoparticles. *Interciencia Journal*. 42(11):16-34. (IF:0.28).
54. **Ahmad N**, Khan IU, ur Rehman J, Nasir T. (2017). An overview of radon concentration in Malaysia. *Journal of Radiation Research and Applied Sciences*. 10:3327-330. (ISI Indexed).
55. **Ullah Z**, Bustam MA, Man Z, Khan AS, Muhammad N, Sarwono A, Farooq M, Ullah R, Mengal AN (2017) A Detail Description on Catalytic Conversion of Waste Palm Cooking Oil into Biodiesel and Its Derivatives: New Functionalized Ionic Liquid Process. *Chemistry Select*. 2 (27):8583-8595. (ISI Indexed).
56. Panezai SG, **Channa LA**. (2017). Pakistani government primary school teachers and the English textbooks of Grades 1–5: A mixed methods teachers'-led evaluation. *Cogent Education*. 4:1269712. (ISI Indexed).
57. Khan AS, Man Z, Bustam MA, Gonfa G, Chong FK, **Ullah Z**, Nasrullah A, Sarwono A, Ahmad P, Muhammad N. (2017). Effect of Structural Variations on the Thermophysical Properties of Protic Ionic Liquids: Insights from Experimental and Computational Studies. *Journal of Chemical & Engineering Data*. 62(10):2993-3003. (ISI Indexed)
58. **Channa LA**, Gilhooly D, Lynn CA, Manan SA, Soomro NH. (2017). Friend or foe? First language (L1) in second/foreign language (L2/FL) instruction & Vygotsky. *Journal of Language and Cultural Education*. 5 (2):25-39. (ISI Indexed).
59. **Channa LA**, Gilhooly D, Channa AR, Manan SA. (2017a). Teaching English or producing docility? Foucauldian analysis of Pakistani state-mandated English textbooks. *Cogent Education*. 4:1283101. (ISI Indexed).
60. **Ahmed U**, Mehmood K, Kaneez Z, **Ahmed SS**, **Sani IA**, **Ahmed N**, Sajjad A, Mehmood Z, Azam M. (2017). Physiochemical Characteristics and fatty acid composition of amygdalus Spinosissima seed oil from Balochistan. *Indo American Journal of Pharmaceutical Science*. 4 (09): 2755-2761. (ISI Indexed).
61. **Ellahi M**, Nawaz M, Rafique MY. (2017). Morphological Study of PDLC Films with Refractive Index Using Catalyst. Pakistan. *Journal of Engineering and Applied Sciences*. 21:1-5. (HEC recognized).

## FACULTY OF ENGINEERING AND ARCHITECTURE (FOE&amp;A)

62. Sami SK, **Siddiqui S**, Shrivastava S, Lee NE, Chung CH. (2017). The Pine Needle Inspired Structure of Zinc Oxide Nano rods Grown on Electrospun Nano fibers for High Performance Flexible Supercapacitors. *Small*. 13(46): 1-9. (IF: 8.64).
63. **Ismail A**, Yasin Q, Du Q, Bhatti AA. (2017). A comparative study of empirical, statistical and virtual analysis for the estimation of pore network permeability. *Journal of Natural Gas Science and Engineering*. (IF: 2.71).
64. **Dayo AQ**, Gao B-c, Wang J, W-b Liu, Derradji M, Shah AH, Babar AA. (2017). Natural hemp fiber reinforced polybenzoxazine composites: Curing behavior, mechanical and thermal properties. *Composites Science and Technology*. 144: 114-124. (IF 4.87)
65. **Dayo AQ**, Cao X-m, Cai W-a, Song S, Wang J, Zegaoui A, Derradji M, Xu Y-l, Wang A-r, Liu W-b, Gong L-d. (2017). Synthesis of Benzophenone-center Bisphenol-A containing Phthalonitrile Monomer (BBaph) and its Copolymerization with P-a Benzoxazine. *Reactive and Functional Polymers*. (IF 3.15).
66. Derradji M, Song X, **Dayo AQ**, Wang J, W-b Liu. (2017). Highly filled boron nitride-phthalonitrile nanocomposites for exigent thermally conductive applications. *Applied Thermal Engineering*. 115: 630–636. (IF 3.35)
67. Derradji M, Henniche A, Wang J, **Dayo AQ**, Ouyang J-h. (2017). W-b Liu, Medjahed A. High Performance Nanocomposites from  $Ti_3SiC_2$  MAX Phase and Phthalonitrile Resin. *Polymer Composites*. DOI 10.1002/pc.24401. (IF 2.32)
68. **Siddiqui RH**, Jan MQ, Khan MA, Kakar MI, Foden JD. (2017). Petrogenesis of the Late Cretaceous Tholeiitic Volcanism and Oceanic Island Arc Affinity of the Chagai Arc, Western Pakistan. *Acta Geologica Sinica (English Edition)*. 91(4):1248-1263. (IF: 1.70).
69. **Khan G**, Basirun WJ, Kazi SN, Ahmed P, Magaji L, Ahmed SM, Khan GM, Rehman MA (2017) Electrochemical investigation on the corrosion inhibition of mild steel by Quinazoline Schiff base compounds in hydrochloric acid solution. *Journal of colloid and interface science* 502:134-145. (IF: 1.5).
70. Zegaoui A, Wang A-r, **Dayo AQ**, Tian B, W-b Liu, Wang J, Liu Y. (2017). Effects of gamma irradiation on the mechanical and thermal properties of cyanate ester/benzoxazine resin. *Radiation Physics and Chemistry*. 141, 110-117. (IF 1.31)
71. Jo BW, Sikandar MA, Chakraborty S, **Baloch Z**. (2017.) Strength and Durability Assessment of Portland cement Mortars Formulated from Hydrogen-Rich Water. *Advances in Materials Science and Engineering*. Vol. 2017, Article ID 2526130 (IF: 1.29).
72. Wang A-r, **Dayo AQ**, Lv D, Xu Y-l, Wang J, Liu W-b, Derradji M. (2017). Novel Amino-containing Fluorene-Based Bisphthalonitrile Compounds with Flexible Group: Synthesis, Curing Behavior, and Properties, *High Performance Polymers*. doi.org/10.1177/0954008317725158. (IF 1.179)
73. Sami SK, **Siddiqui S**, Feroze MT, Chung C-H. (2017). Electrodeposited nickel–cobalt sulfide nano sheet on polyacrylonitrile nano fibers: a binder-free electrode for flexible supercapacitors. *Materials Research Express*. 4 (11):116309. (IF: 1.06).



74. **Siddiqui RH**, Jan MQ, Kakar MI, Kerr AC, Khan AS, Kakar E (2017) Petrogenesis of Middle Triassic volcanoclastic rocks from Balochistan, Pakistan: Implications for the break-up of Gondwanaland. *Journal of Earth Science*. 28(2):218-228. (IF: 0.97).
75. **Siddiqui RH**, Ma C (2017) Petrogenesis of Late Cretaceous Volcanism in Kazhaba Area and its relationship with mantle plume activity of Reunion hotspot. *Journal of Earth Science* 28 (2):229-240. (IF: 0.97).
76. **Dayo AQ**, Xu Y-I, Zegaoui A, Nizamani AA, Wang J, Lili Zhang, W-b Liu, Shah AH. (2017). Reinforcement of waste hemp fibres in aromatic diamine-based benzoxazine thermosets for the enhancement of mechanical and thermomechanical properties, *Plastics. Rubber and Composites: Macromolecular Engineering*. 46(10):442-449. (IF 0.6).
77. Dhuban S, Karuppanan S, **Mengal A**, Patil S (2017) Effect of fiber orientation and ply stacking sequence on buckling behaviour of basalt-carbon hybrid composite laminates. *Indian Journal of Engineering & Materials Sciences*. 23:187-193. (IF: 0.54).
78. **Ghouri AS**, Usman MR. (2017). Synthesis of Zeolite-Zeolite (MFI-FAU) Composite Catalysts for the Isomerization of n-Hexane. *Journal of Chemical Society of Pakistan*. 39(6):919-932. (IF: 0.32).
79. **Mengal A**, Karuppanan S, Ovinis M. (2017.) In-plane shear properties of basalt-carbon/epoxy hybrid composite laminates. *Materialwissenschaft und Werkstofftechnik*. 48 (3-4):261-266. (IF: 0.52).
80. Jo B, **Baloch Z**. (2017). Internet of Things-Based Arduino Intelligent Monitoring and Cluster Analysis of Seasonal Variation in Physicochemical Parameters of Jungnangcheon, an Urban Stream. *Water*. 9(3):220. (IF: 1.83).
81. **Saeed N**, Amin R, Malik A, **Kasi M, Kasi B**. (2017). Performance Evaluation of AODV, DSDV and DSR Routing Protocols in Unplanned Areas. *University of Engineering and Technology Taxila Technical Journal*. 22:143. (HEC Y Category)
82. **Iqbal I, Ali I, Saira S**. (2017). Petro-physical Investigation and Reservoir Characterization through Well Logging. *Journal of Applied and Emerging Sciences*. 7:1-11. (HEC Z Category).
83. Ali I, Iqbal, R Saira S, Ullah. H. (2017). Performance of Conventional Drilling Fluids and Nano Based Drilling Fluids. *Journal of Applied and Emerging Sciences*. 7:12-21. (HEC Z Category).
84. **Chandio RH, Kalwar IH**, Memon TD, Mangrio AA, **Ali I**. (2017). FPGA-based Implementation of Maximum Power Point Tracking of Solar Cell. *Journal of Applied and Emerging Sciences*. 7:22-33. (HEC Z Category).
85. **Siddique M, Soomro SA**, Jatoti AS, **Ali, Mengal AN, Mandokhail SJ, Kakar GK, Khan A**. (2017). Effect of Blending Ratio of Coal and Biomass on NO<sub>x</sub> Emission Regarding Co-Firing. *Journal of Applied and Emerging Sciences*. 7:34.-39. (HEC Z Category).
86. Mandokhail GJ, Ali N, Siddique N, Kakar E, Mengal AN, Kakar G. (2017). Numerical Modeling of 2D Cyclic Simple Shear Test Using Opensees. *Journal of Applied and Emerging Sciences*. 7:40-46. (HEC Z Category).
87. Shah SJ, Mengal AN, Mandokhail SJ. (2017). Analysis of Swelling Characteristics of Expansive Soil. *Journal of Applied and Emerging Sciences* 7:47-52. (HEC Z Category).

88. **Mushtaq F, Malghani MNK, Nasar MS, Mengal AW, Mat R Ani. FN.** (2017). Pyrolysis Heating Performance of Oil Palm Shell Waste Biomass with Carbon Surfaces. *Journal of Applied and Emerging Sciences*. 7:70-75. **(HEC Z Category)**
89. **Khan A, Kakar E, Mandokhail SJ, Shah, SMQF, Mushtaq F, Siddique M.** (2017). Preliminary Treatment of Sewage Water a Case Study of City Nala, Quetta. *Journal of Applied and Emerging Sciences*. 7:100-106. **(HEC Z Category)**.
90. **Khan MN, Ahmad I, Hussain SS, Ahmed J.** (2017). Beneficiation of Garhi Habib Ullah (Mansehra) Low Grade Phosphate by Gravity Separation. *Journal of Pakistan Institute of Chemical Engineers*. 45:83-89.
91. **Nizamani AA, Ismail AR, Junin R, Dayo AQ, Tunio AH, Ibupoto ZH, Muhammad Sidek MA.** (2017). Synthesis of titania-bentonite nanocomposite and its applications in water-based drilling fluids. *Chemical Engineering Transactions*. 56: 649-654.
92. **Tariq SQ, Syed L, Zholing L.** (2017). Evolution of eco-friendly antimicrobial finishes extracted from citrus fruits peel for textile cotton fabric with furtherance domestic washing. *International Journal of Scientific & Engineering Research*. 10:973-979.
93. **Hussain S, Nisar Mohammad N, Rehman ZU, Mohammad N, Ahmad I, Khan M, Raza S.** (2017). Extraction of Gold and Silver by Agitation Cyanidation Process from Complex Ore of Shoughur area Chitral, Kyber Pakhtunkhwa Pakistan. *Journal of engineering and applied sciences*. 36 (2):1-7.

#### FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY (FICT).

94. **Israr A, Rauf Z, Muhammad J, Khan F.** (2017.) Performance Analysis of Downlink Linear Precoding in Massive MIMO Systems under Imperfect CSI. *Wireless Personal Communication*.s. 96(2):2603-2619. **(IF: 0.95)**.
95. **Rehman T, Khan F, Khan S, Ali A.** (2017). Optimizing Satellite Handover Rate Using Particle Swarm Optimization (PSO) Algorithm. *Journal of Applied and Emerging Sciences*. 7: 53-63. **(HEC Z Category)**.
96. **Imran M, Riaz-ul- Amin, Malik AS, Kasi B, Kasi M.** (2017). Constraints Resolution in Semi-Automated Course Allocation Process for Educational Institutes. *Journal of Applied and Emerging Sciences*. 7: 64-69. **(HEC Z Category)**.
97. **Raza MW, Riaz-ul Amin Malik AS, Kasi M, Kasi B, Muhammad F.** (2017). Analysis of the Impact of Environmental Factors on Efficiency of Different Types of Solar Cells. *Journal of Applied and Emerging Sciences*. 7: 76-90. **(HEC Z Category)**.
98. **Muhammad F, Raza MW, Khat S, Ahmed A, Khan F.** (2017). Identification of Potential Solar power production areas of Pakistan through cost benefit analysis. *International Journal of Scientific & Engineering Research*. 10:675-680.
99. **Khan A, Khan F, Khan S, Marwat I.** (2017). Performance analysis of different machine learning algorithms and to redict trachoma using R language. *International Journal of Scientific & Engineering Research*. 10:498-502.
100. **Marwat I, Khan F, Rehman A.** (2017). Avodance of blackout using Atomatic node switching technique through ETAP. *International Journal of Scientific & Engineering Research*. 10:715-720.

**FACULTY OF MANAGEMENT SCIENCES (FMS)**

101. **Khan MZ**, Hafeez A. (2017). Economic activities and unmarried labour. *Economic Research-Ekonomiska Istrazivanja*. 30:985-991. **(IF 0.74)**.
102. **Ahmed T**, Chandran V, Klobas JE (2017b) Demographic differences in learner response to entrepreneurial education programmes in Pakistan. *Educational Studies* 43 (4):464-483. **(IF 0.56)**.
103. Durrani IH, Adnan S, Ahmad M, **Khair S, Kakar E.** (2017). Observed Long-term climatic variability and its impacts on the ground water level of Quetta alluvial. *Iranian Journal of Science and Technology, Transactions A: Science*:1-12. **(IF 37.20)**.
104. Shah SM, Abdul-Majid M, Karim ZA, Zahid A. (2017) corporate decision makers overvalue tax benefits. *Journal of Global Business and Social Entrepreneurship*.3 (7):109-124. **(ISI Indexed)**.
105. **Ahmed T**, Chandran V, Klobas J (2017) Specialized entrepreneurship education: does it really matter? Fresh evidence from Pakistan. *International Journal of Entrepreneurial Behavior & Research*. 23 (1):4-19. **(ISI Indexed)**.
106. **Shah SM**, Shah SH, Zahid A, Nizamani AR. (2017). Fiscal solvency of Asian developing countries using ad hoc and model-based sustainability tests. *Asian Journal of Scientific Research*. 10 (4):345-353. **(ISI Indexed)**.
107. Khan NR, Haq MA, Ghouri AM, **Raziq A**, Moiz SM (2017) Adaptation of RFID Technology in Business Supply Chain Success: Empirical Findings from a Developing Country Logistic Industry. *Quality-Access to Success Calitatea*. 18(160):93. **(ISI Indexed)**.
108. Dar MS, Ahmed S, **Raziq A.** (2017). Small and medium-size enterprises in Pakistan: Definition and critical issues. *Pakistan Business Review* 19 (1):46-70. **(HEC Recognized X Category)**.
109. **Shah SM**, Abdul-Majid M, Karim ZA. (2017) Maqasid-al-Shari'ah and Debt Financing Contracts: Some Observations. In The Name of Allah, The most Beneficent. *The most Merciful*.. 34:78-88. **(HEC Y Category)**.
110. Khokher NA, **Raziq A.** (2017). The Relationship between Salary Packages and Employee's Subjective Wellbeing. Evidence from Service-based SMEs in Pakistan. *Sukkur IBA Journal of Management and Business*. 4(1), 64-81. **(HEC Z Category)**.
111. Khokher NA, **Raziq A.** (2017). Developing a Conceptual Link between Talent Management Practices and Employee's Subjective Wellbeing. *City University Research Journal*. 7(2), 203-218. **(HEC Z Category)**.
112. **Ayesha M**, Kiran M. (2017). Determinants of Salesperson Performance in Selling New Products. *International Journal of Economics, Finance & Business Management Sciences*. 3(1): 53-66.
113. **Asad M.** (2017). Breach of psychological contract and quality of life; Psychosomatic Strain as Mediator and Power Distance as Moderator. *Jinnah Business Review*. 5:23-33.

## **Directorate of Human Resource Development**

### **Creative Expression Contributes New Ideas**

A healthy organization believes in Human Resource Development, covers all of its bases and has the goal *“to make better employees”*. The purpose of HR development is to provide the 'coaching' needed to strengthen and grow the knowledge, skills, and abilities that an employee already has.

Many employees come with only a basic level of skills and experience and needs to receive training in order to do their jobs effectively. Human Resource Development is designed to give employees the information they need to adapt to that organization's culture and to do their jobs effectively.

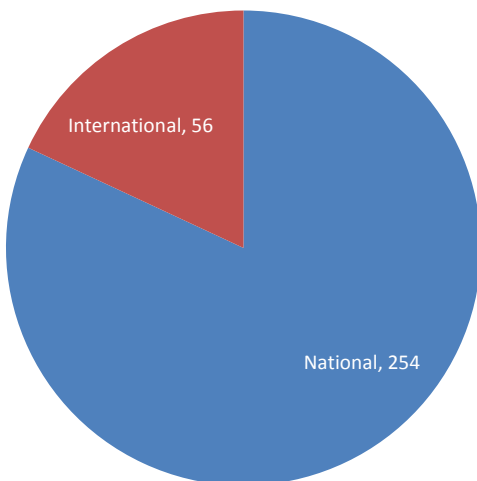
<b>The following trainings conducted by DHRD during the year 2017</b>				
<b>S#</b>	<b>Title</b>	<b>No. of Participants</b>	<b>Organized by</b>	<b>Duration</b>
01	Security &Vigilance	73	BUITEMS/ HEC	Two Days
02	International Workshop on Outcome Based Education System	59	BUITEMS/ HEC	Two Days
03	Foundation Training Program for Class IV Employees of BUITEMS	74	BUITEMS	Two Days
04	Training Workshop University Teaching Program	285	BUITEMS	Two Days
05	Seminar on Intellectual Property, Patent & Trade Mark	61	BUITEMS	One Day
06	Training Program English for Academic Purposes	56	BUITEMS/ HEC	Five Days
07	Orientation Sessions on Learning Management System	29	BUITEMS	Two Days
08	Training Workshop on Easy Way of Library Automation & Digitization	32	BUITEMS/ PASTIC-PSF	Three Days
09	One day Seminar on Cryptocurrency: New Solutions for Global Payments	31	BUITEMS	One Day
10	Meeting on Preparation of Cash / Work Plan for ongoing Development Projects under PSDP 2017-18	21	BUITEMS/ HEC	Four Weeks
11	Training Program Newly Inducted Lab. Engineers	14	BUITEMS	Five Days
12	Training Workshop Outcome Based Education System (OBE)	80	BUITEMS	One Days
13	Awareness Seminar on Technology Development Fund (TDF)	55	BUITEMS	One Day
14	Training Workshop on Teaching Methodologies and Case Study	41	BUITEMS	One Day
15	Training Workshop on ISO 9001:2015 Quality Management System (QMS) Key Changes and Impacts	43	BUITEMS	Two Days
16	Training Workshop on Reassembling of Refrigerator	41	BUITEMS	One Day
17	Training Workshop on Communication & Andragogical Skills	27	BUITEMS/ HEC	Three Days

This table reflects the total number of trainings with total number of participants participated in various trainings/workshops/seminars/ conferences during the years 2005-2017.



**Summary of Training /Workshops/ Seminars/ Conferences**

Years	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Total
International	1	2	3	4	3	3	4	4	1	12	9	3	7	56
National	3	1	1	19	27	25	21	16	13	37	43	26	22	254
No. of Participants	1141	542	43	973	1145	736	620	1355	299	402	1257	1743	1095	11351



## Changing Nature of Teaching, Learning, and Scholarship

The changing environment for teaching, learning, and scholarship is identified as the challenge for faculty and institutions.



How can we invest in faculty development as a means of ensuring that we cultivate more inclusive student learning environments and provide our best educational practices to all students, including those traditionally underserved by higher education?

Faculty development requires a larger investment of imagination and resources in order to strategically plan for and address new developments (e.g., teaching for student-centered learning, retention, learning technologies, assessment) while not losing sight of our core values and priorities.

To meet the challenges, BUIITEMS initiated a number of faculty development programs since its inception and encouraged the employees to participate in advertised knowledge programs. The HEC introduced HEC scholarship programs for faculty to enhance their knowledge and capabilities and for production of quality students.



During the years BUIITEMS faculty proceeded/ completed MS/ PhD studies from national and international institutions while BUIITEMS itself initiated MS/PhD programs in various departments of its faculties. We will briefly discuss the status of BUIITEMS faculty who proceeded/ completed their studies during the years 2003-2017.



**BUIITEMS CSS Preparatory classes**

Every year the Federal Public service commission welcomes the eligible Aspirants to appear in the CSS examination. The successful candidates are allocated the department of civil services after completing the mandatory process of selection. In addition, there has been a time-to-time modification in the selection criteria of the desired candidates; recently the federal minister for Planning, Development and reforms Ahsan Iqbal has suggested some amendments in the age limit (28 to 30 years) and qualification (Bachelors to Masters) for taking the CSS examination from 2017 onwards.



Keeping in view the needs and demands of the people of Balochistan, Directorate of Human Resource Development, BUIITEMS has introduced CSS preparatory classes in its city campus. Providing a fully equipped infrastructure and highly qualified faculty members.

The Schema of CSS is entirely different than those of other examinations/evaluations/assessments. In CSS the subjects have been divided in two major Areas; Compulsory and the optional. A CSS aspirant is supposed to take examination in all compulsory subjects (600 marks) as obligated, but the optional subjects (600 marks) are open to their choice. At BUIITEMS we have made their choices more flexible and wide and we are offering all compulsory and optional subjects.

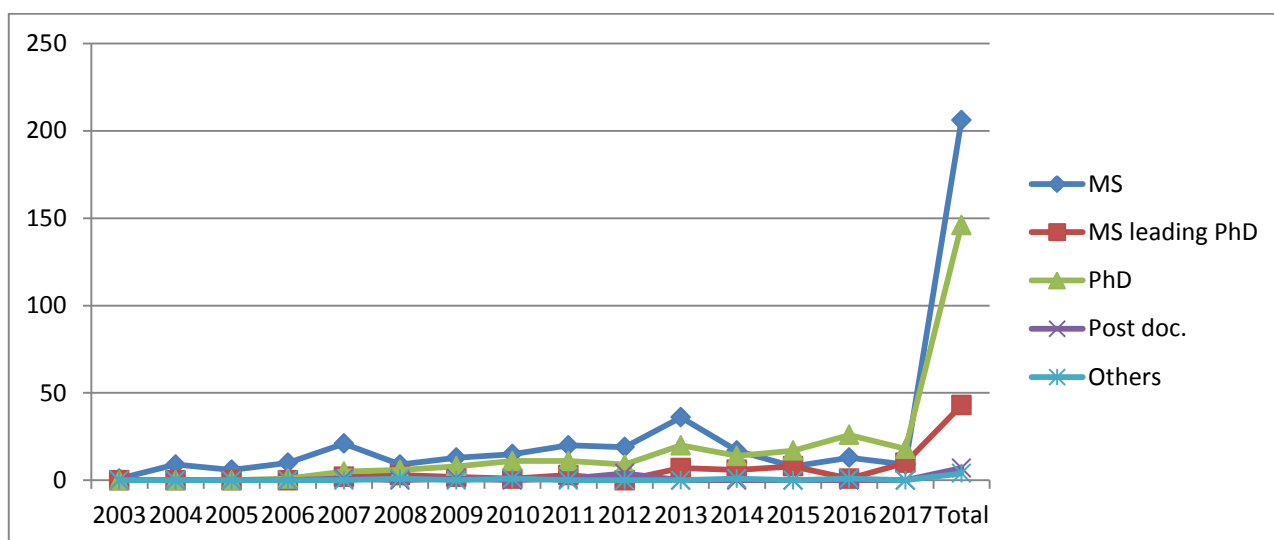


The first batch completed their course in the month of December 2017 while started in August 2017, thereafter we initiated first batch enrollment for preparation classes of PCS which will be completed in April 2018 and hopefully this batch will appear before commission in the month of October 2018.



**Summary of Scholars Data Proceeded for MS/MS leading PhD/ PhD/ Postdoc/ Other Certifications during the years 2003-2017**

Proceeded Years	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>MS</b>	1	9	6	10	21	9	13	15	20	19	36	17	8	13	9	<b>206</b>
<b>MS leading to PhD</b>	0	0	0	0	2	3	2	1	3	0	7	6	8	1	10	<b>43</b>
<b>PhD</b>	0	0	0	1	5	6	8	11	11	9	20	14	17	26	18	<b>146</b>
<b>Postdoc</b>	0	0	0	0	1	0	1	0	1	4	0	0	0	0	0	<b>7</b>
<b>Others</b>	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	<b>4</b>
<b>Total</b>	1	9	6	11	29	19	24	28	35	32	63	38	33	41	37	<b>406</b>



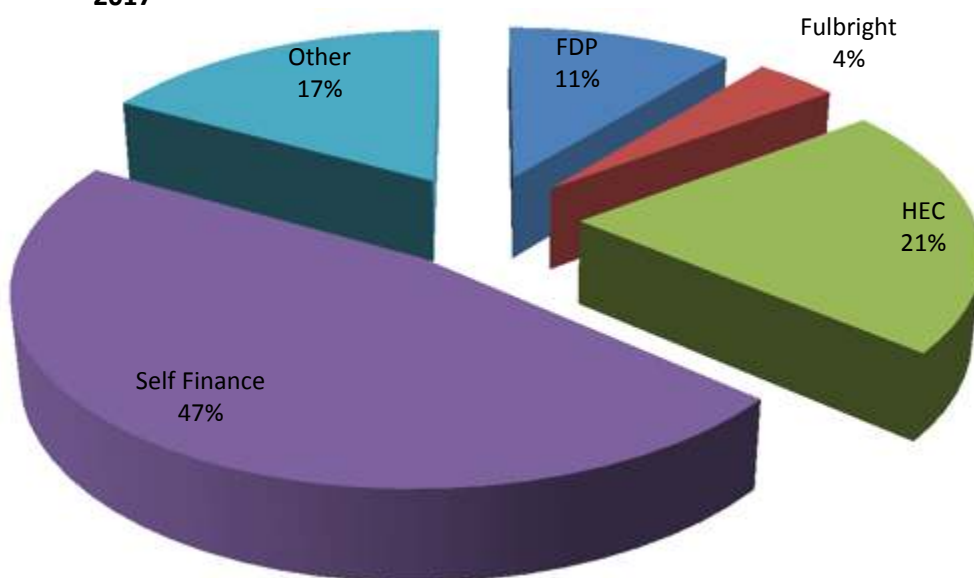


<b>Scholars Summary Years Wise (2003 - 2017)</b>								
<b>Years</b>	<b>Status</b>	<b>MS/ M Phil</b>	<b>MS Leading to PhD</b>	<b>PhD</b>	<b>Postdoc</b>	<b>Other Certification</b>	<b>Total</b>	<b>Grand Total</b>
2003	Enrolled	1	0	0	0	0	1	1
	Completed	0	0	0	0	0	0	
2004	Enrolled	9	0	0	0	0	9	9
	Completed	0	0	0	0	0	0	
2005	Enrolled	6	0	0	0	0	6	6
	Completed	0	0	0	0	0	0	
2006	Enrolled	10	0	1	0	0	11	13
	Completed	2	0	0	0	0	2	
2007	Enrolled	21	2	5	1	0	29	47
	Completed	18	0	0	0	0	18	
2008	Enrolled	9	3	6	0	1	19	35
	Completed	16	0	0	0	0	16	
2009	Enrolled	13	2	8	1	0	24	29
	Completed	4	0	0	0	1	5	
2010	Enrolled	15	1	11	0	1	28	44
	Completed	11	0	3	2	0	16	
2011	Enrolled	20	3	11	1	0	35	50
	Completed	9	0	6	0	0	15	
2012	Enrolled	19	0	9	4	0	32	46
	Completed	10	0	3	0	1	14	
2013	Enrolled	36	7	20	0	0	63	88
	Completed	19	0	3	3	0	25	
2014	Enrolled	17	6	14	0	1	38	54
	Completed	8	0	8	0	0	16	
2015	Enrolled	8	8	17	0	0	33	40
	Completed	2	0	4	0	1	7	
2016	13	1	26	0	1	41	13	59
	7	1	9	0	1	18	7	
2017	9	10	18	0	0	37	9	58
	10	1	10	0	0	21	10	
<b>Total Scholar On board from 2003 to 2017</b>							<b>406</b>	
<b>Total Scholar Studies Completed from 2003 to 2017</b>							<b>173</b>	

**Source Wise Number of Scholars in Tabular Form**

S.No	Sources	MS/ME/ Master/ M Phil	MS Leading to PhD	PhD	Postdoc	Others (Certification etc.)	Total
1	FDP	8	21	12	0	0	41
2	Fulbright	7	3	6	0	0	16
3	HEC	8	32	43	3	1	87
4	Self-Finance	151	4	28	0	2	185
5	Other	24	5	45	4	1	79
	<b>Total</b>	<b>198</b>	<b>65</b>	<b>134</b>	<b>7</b>	<b>4</b>	<b>408</b>

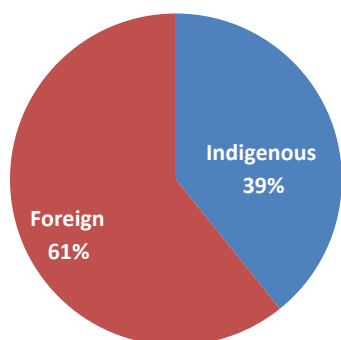
**Source Wise Scholars Data Sheet 2003-2017**



**Indigenous and Foreign Scholar Data Summary**

Indigenous	Foreign
171	265

**Indigenous/ Foreign Scholars**



**Country Wise Scholars Data Proceeded  
during the Years 2003-2017**

Country	MS	MS leading PhD	PhD	Post doc.	Others	Total
<b>Pakistan</b>	138	5	32	0	2	<b>177</b>
<b>China</b>	7	2	32	2	0	<b>43</b>
<b>Australia</b>	16	1	7	1	0	<b>25</b>
<b>Germany</b>	4	4	5	1	0	<b>14</b>
<b>USA</b>	6	3	10	0	1	<b>20</b>
<b>UK</b>	11	1	6	1	0	<b>19</b>
<b>Thailand</b>	0	1	7	0	0	<b>8</b>
<b>Malaysia</b>	11	4	23	0	0	<b>38</b>
<b>New Zealand</b>	2	0	15	0	0	<b>17</b>
<b>France</b>	1	3	2	0	0	<b>6</b>
<b>South Korea</b>	3	12	7	0	0	<b>22</b>
<b>Japan</b>	4	2	1	0	0	<b>7</b>
<b>Italy</b>	2	5	1	0	0	<b>8</b>
<b>Sweden</b>	1	0	1	0	0	<b>2</b>
<b>Finland</b>	0	0	1	0	0	<b>1</b>
<b>Canada</b>	1	1	1	0	0	<b>3</b>
<b>Turkey</b>	1	3	2	0	0	<b>6</b>
<b>Brunei</b>	1	0	0	0	0	<b>1</b>
<b>Norway</b>	0	0	1	0	0	<b>1</b>
<b>Spain</b>	1	0	0	0	0	<b>1</b>
<b>Belgium</b>	0	0	1	0	0	<b>1</b>
<b>Czech Republic</b>	0	2	1	0	0	<b>3</b>
<b>Sri Lanka</b>	2	0	0	0	0	<b>2</b>
<b>Total</b>	<b>212</b>	<b>49</b>	<b>156</b>	<b>5</b>	<b>3</b>	<b>425</b>

***Congratulations from BUIITEMS Family for completing your PhD and best wishes as you begin an exciting new phase of life.***

## Testimonials by My Graduated PhD Students

*Work towards Greatness*

**Dr. Bakhtiar Kasi:** He received his Ph.D. degree in Computer Science from University of Nebraska-Lincoln, USA, in Dec 2015. During his PhD, he worked in the ESQuaReD Lab under the supervision of Dr. Anita Sarma. Currently, he is working as Assistant Professor at the Department of Computer Engineering at BUIITEMS.



His PhD thesis titled: ***“Minimizing software conflicts through proactive detection of conflicts and task scheduling”*** is to understand the factors such as task interdependencies, and organizational culture that affect coordination; and to create effective coordination solutions for distributed development.

His overall research interests include machine learning, information retrieval, constraint processing, static analysis, and ‘big data’ analysis. More specifically, he has worked in multi-label classifications, SMT solving, and natural language processing. He has published and presented his research at top-tier international conferences on software engineering, and has also served on program committees, and co-reviewed papers in international conferences. He is also a recipient of the Fulbright Ph.D. scholarship award 2010-2015. His research interests are to understand how coordination issues in distributed software development affects developer’s productivity.

**Dr. Muhammad Imran:** He received his Ph.D. degree in December 2016, under the guidance of Prof. Dr. Bruce A. Harvey. Currently, he is working as Assistant Professor at BUIITEMS. During his PhD thesis, he developed ***Algorithms for the Protection of both Grayscale and Color Images specifically for Satellite Images against Unauthorized Distribution and Usage***. In addition to that, he also worked with Dr. Harvey on a project: Damage to ITS, Traffic Control and Roadway Lighting Equipment from Transient Surge and Lightning Strikes, funded by Florida Department of Transportation, USA. In that project besides other things they investigated the major causes of Surge Protection Devices (SPD) failures, and suggested the ways to prevent them.



**Dr. Ghulamullah Khan:** He received his PhD degree in February 2017, under the guidance of Prof. Dr. Qazi MD. Salim Nawaz. Currently, he is working as Assistant Professor at BUIITEMS. He worked on Heat Transfer and Friction Loss of Fiber Suspensions in ***Heat Exchangers Studies in Practical Characterization, Corrosion and Fouling Mitigation by Eco-Friendly Inhibitors***.



Working in Prof. Nawaz lab was a great experience for him and an opportunity to engage and initiate in multiple research topics and collaborations. Dr. Nawaz always encouraged him to explore new fields in order to get a broader perspective and bring together new ideas and methods in order to solve interesting problems.

He feels that this freedom and creativity to think out of the box has improved him as a researcher and groomed him to achieve his current position. He is very much thankful to BUIITEMS, for providing him the award of Faculty Development scholarship to complete his PhD.

**Dr. Saeedullah Jan Mandokhail:** He joined BUIITEMS as an Assistant Professor in 2012. Currently, he is serving as the Chairperson, Department of Civil Engineering. He received his PhD in the field of Civil (majoring in Geotechnical) Engineering in February, 2017 from Hanyang University, Seoul, S. Korea. His research topic was ***Development of Normalized Liquefaction resistance Curve for Granular Soil and Application to Effective Stress Site Response Analysis***. Working with GSR (Geotechnical System Research) group led by Prof. Duhee Park at Hanyang University was a great experience. That was an opportunity for him to engage in multiple research activities. This exposure gave him a diligent insight on advanced technology and techniques implied in geotechnical engineering. Moreover, he worked on several research projects with Prof. Jonathan P. Stewart of UCLA, US.



His research interests include *Soil Dynamics, Geotechnical Earthquake, Liquefaction, Soil-Structure Interaction, Fundamental Soil Mechanics, and Soil Characterization via Waves*.

**Dr. Usman Azhar,** He earned his Doctoral Degree in the field of Economics in May 2017, from the Department of Economics, University of Karachi, under the kind supervision of Professor Dr. Samina Khalil. It was indeed an exciting experience for him to work with a renowned and well reputed research scholar who graduated from the University of Cambridge. Her professional approach and depth of knowledge has contributed significantly in his professional development. His PhD dissertation entitled "***Investigation of Hidden Dimensions and False Positives of Child Labor in Pakistan***" was about the investigation of various factors simultaneously contributing behind the phenomenon of child labor and they attempted to explore this issue at small enterprise level in Karachi. It was the first attempt to probe the demand side of child labor at microenterprise level in Pakistan. Another important attribute of this research contribution was investigation of incidence of Benazir Income Support Program on altering the decision of *Supply of Child Labor at Household Level in Pakistan*.



Additionally, they also probed the incidence of various laws and by-laws initiated at various tiers of government in Pakistan on the economic engagement of children in Pakistan. Presently, he is serving as Assistant Professor at Department of Economics, BUIITEMS, Quetta. His major research areas are Labor Economics, Environmental and Natural Resource Economics, Development Economics, and Public Policy.

**Dr. Nusrat Jahan:** She did her PhD in Bioscience (Plant breeding and genetics) from University Technology Malaysia (UTM) in June 2017. Currently, she is working as Assistant Professor at BUIITEMS. During her PhD studies, she worked on ***Genetic Tolerance to Ferrous and Aluminum Toxicities for Seed Germination in Oryzasativa L.*** Working in Plant biotechnology lab (UTM), she has participated in and managed a number of federally funded research projects in the field of Plant Biotechnology. Her research interests are Molecular genetic variation in crops, weeds, and native plants.



**Dr. Samiullah Khan:** He received His PhD degree in July 2017 under the guidance of Dr. Muhammad Arshad Javed from Universiti Teknologi Malaysia (UTM). Currently, he is working as Assistant Professor at BUIITEMS. He worked on ***Identification and Characterization of Quantitative Trait Loci Linked with Tolerance to Salin- Alkaline Stress at Germination Stage in India Rice (Oryza sativa L.)***. It was really a great opportunity for him to do PhD abroad. The whole span was a priceless experience in terms of learning new techniques and exposure. Overcoming, hurdles and barriers within the available resources and time was gist of this whole process. He considers himself well equipped with the techniques and knowledge about cutting edge research which would certainly be helpful for him and his future students.



**Dr. Zafar Baloch:** He received his PhD degree in August 2017 under the guidance of Prof. Byung-Wan Jo. Currently, he is working as Assistant Professor in Civil Engineering Department at BUIITEMS. He worked on Smart Structural Health Monitoring: Studied in ***Internet of Things Platform for Smart Structural Health Monitoring using Artificial Neural Networks***.



Working in Prof. Jo's lab was a great experience for design expertise in Structural Health Monitoring, an opportunity to engage, initiate in multiple research areas, via Internet of Things using Deep learning and Artificial Neural Networks. This was fine-tuned by working with experienced South Korean lab mates. Prof. Jo, always encouraged them to explore new ideas to get a broader perspective and bring together the use of key technology to solve engineering problems. He felt that, this freedom and creativity to think outside the box has skilled him as a researcher and prepared him for his current position.

**Dr. Syed Munawar Shah:** He passed his PhD viva on September 2017, from National University of Malaysia (UKM). He worked on the issue of ***Corporate Leverage in the Debt-biased Corporate Tax System***. The issue of corporate leverage is alarming and is considered as threat to financial stability. His PhD thesis not only points towards unknown complications in economic growth due to corporate leverage but also pioneers in proposing alternative solutions to this problem. He also worked as co-researcher on the Lab Experiment Project for assessing and comparing Incentive contract with the Trust and Bonus Contracts. The project will help in identifying solutions to incomplete contracts used in banks, financial institutions, and insurance companies. The PhD program extended his research interest in the following dimensions as issues in Financial Contracts, Reforming Corporate Tax Policies, Economic Growth, and Issues in Fiscal Policy. He is thankful to BUIITEMS and HEC for the opportunity that enabled him in performing his duties as Assistant Professor competently and professionally.



**Dr. Faiz Muhammad:** He completed his PhD recently. He resumed job on October, 2017. He worked on ***Diagnosis of avian Mycoplasmosis and their Control*** under the supervision of Prof. Dr. Aqeel Ahmad (Pakistan) and Prof. Dr. Chang (USA). In which he developed some new diagnostic methods for rapid diagnosis of the disease. For control he found some natural and synthetic chemical compound for future chemotherapy against the disease. Moreover, some local isolates of low virulent strain of avian mycoplasmas were biological characterized by control infection in experimental birds in laboratory for vaccine strain.



During his study, he found Dr. Aqeel as kind, sympathetic, inspiring and scholastic guidance and ever encouraging attitude for adopting new techniques. He enjoyed a lot during his visit to Dr. Chang's laboratory (USA) for his skillful guidance, learned patronage, unflinching patience, and to work with patience and consistency on scientific logics.

**Dr. Tariq Ahmed:** Dr. Tariq Ahmed is an Associate Professor and Head of Department at Department of Management Sciences, Faculty of Management Sciences BUIITEMS, Quetta. He received his Ph.D. in Entrepreneurship and Innovation from University of Malaya in Malaysia. He has taught courses in Entrepreneurship, Statistics, and Research Methods at undergraduate and postgraduate level. He is currently supervising numerous students at the MS and PhD levels. He is a trained Structural Equation Modeling (SEM) analysis instructor having attended trainings by Professor Joseph Hair (University Sains Malaysia) and Professor Ramayah, at university of Malaya.



Dr Tariq is a founder and CEO of Academy of Research and Development PLT, the company is currently operating in Malaysia, Saudi Arabia and Dubai. Over the year's entrepreneurship and strategic management became his passion. Dr Tariq is trainer and consultant in the field of entrepreneurship development. His workshops and presentations illustrate how to become even more successful by using a creative approach to business. Tariq explains how best to use creative business models, competitive advantage, strategic marketing, and profitable growth strategies. He speaks about the viability of business ideas, business growth, marketing and promotion, international business and other subjects relevant to businesses.

He has extensive research experience using a wide range of statistical packages, which includes but is not limited to SPSS, SEM AMOS and SEM Smart PLS. His articles have been accepted and published in top-ranked and reputable journals such as international journal of entrepreneurial behavior & research, Educational Studies, international journal of institutions and economies and global review of business and economic research.



## Directorate of Sports

### All Pakistan Intervarsity Wushu Championship 2016-17

All Pakistan Intervarsity Wushu Championship 2016-17 was held at University of Veterinary & Animal Sciences, Lahore from January 1-3, 2017 under the supervision of Higher Education Commission (HEC), Pakistan. BUIITEMS team comprised of 4 players:

1. Shahzaib Baloch	2. Abdul Nafay	3. Basit Baloch	4. Saad Ullah
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Shahzaib Baloch won Gold, Abdul Nafay won Silver and Abdul Basit Baloch won Bronze Medal in their respective categories. In recognition of his performance Mr. Shahzab Baloch was selected in the HEC team for the National Championship at Gujranwala. The prize distribution ceremony was held on January 4, of 2017.

### All Pakistan Intervarsity Body Building Championship 2016-17

All Pakistan Intervarsity Body Building Championship 2016-17 was held at University of Education, Lahore from January 2-4, 2017 under the supervision of Higher Education Commission (HEC), Pakistan. The opening ceremony was held on January 1, 2017. Players from sixteen universities, including BUIITEMS, participated in the event. Points were awarded on the basis of the contestant's skills and poses. Out of 14 competitors in 85kg category Muhammad Saeed of BUIITEMS won Silver medal. He will go on to compete in All Pakistan National Games.



### All Pakistan Intervarsity Martial Arts (Female) Championship 2016-17

All Pakistan Intervarsity Martial Arts Female Championship 2016-17 was held at Sardar Bahadur Khan Women's University, Quetta from January 9-14, 2017 under the supervision of Higher Education Commission (HEC), Pakistan. BUIITEMS four members team participated in the Championship led by the Manager Mr. Masood Kasi. The team members included the following students:

1. Fatima Batool	2. Khadija	3. Shabnam	4. Khalida Bibi
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In Taekwondo Fatima Batool won Gold Medal in 70kg category and Shabnam won Bronze Medal in 55kg category. Khadija got 5<sup>th</sup> position in Wushu.

The prize distribution ceremony was held on January 14<sup>th</sup>, 2017. Governor Balochistan Mr. Muhammad Khan Achakzai, was the Chief Guest. He congratulated the winners and awarded cash prizes.



**BUIITEMS Sports Olympiad – 2017**

BUIITEMS organized its 4<sup>th</sup> annual Olympiad 2017 from October 23 - 30, 2017; the Honorable Vice Chancellor Ahmed Farooq Bazai (SI) inaugurated the event. The event began with marathon race and declamation contest. More than 2000 students participated in the week long Olympiad 2017.

**Events (Male)**

S#	Events	1st Position /Winner	2nd Position /Runner Up	3rd Position	Prize
1	<b>100 Meter Race</b>	Wajahat Noor (Maths)	Zohaib Shahid (Social Sciences)	Abdul Samad(Physics)	1 Wrist Watch
2	<b>200 Meter Race</b>	Zohaib Shahid (Social Sciences)	Wajahat Noor (Math)	Abdul Samad (Physics)	1 Wrist Watch
3	<b>Long Jump</b>	Altaf Hussain (Mass Com)	Arsalan (Telecom)	Asad (mining)	1 Wrist Watch
4	<b>Discus Throw</b>	Muhammad Asif (English)	Siraj ud din (Information Technology)	Asad (mining)	1 Wrist Watch
5	<b>Shot Put</b>	Muhammad Yousaf (Management Sciences)	Tufil (P&G)	Siraj ud din (Information Technology)	1 Wrist Watch
6	<b>Javelin Throw</b>	Nabeel Bugti(Electrical)	Siraj ud din (Information Technology)	Ajmal (Computer Science)	1 Wrist Watch
7	<b>Marathon</b>	Altaf Hussain (Mass Com)	Abdul Samad (Physics)	Arif (Managemnet Sciences)	Sports Cycle
8	<b>Football</b>	Ahmed Ullah (BS-IR)	Abid Agha (BS-IT)		Bike
9	<b>Football- Best Goal Keeper</b>	Bilal Khan (Architecture)			1 Wrist Watch
10	<b>Top Scorer Football</b>	Muhammad Ahmed (Geological)			1 Wrist Watch
11	<b>Volleyball</b>	Shoaib (BS-Chemical)	Tufail Khan (BS-P&G)		Sports Cycle
12	<b>Volleyball-Best Player</b>	Yasir (P&G)			1 Wrist Watch
13	<b>Basketball</b>	Tariq (Telecom)	Farqalit (P&G)		Sports Cycle
14	<b>Basketball-Best Player</b>	Balach (Telecom)			1 Wrist Watch
15	<b>Badminton</b>	Shah Hussain & Asgher (P&G)	Athisham & Nasir (Chemical)		Sports Cycle
16	<b>Table Tennis</b>	Mohib & Farqalit (P&G)	Farooq & Ehtisham (FMS)		Sports Cycle
17	<b>Chess</b>	Sadam Baloch (Architecture)	Saqib Nadeem (IT)		Mobile Phone
18	<b>Tug of War</b>	M. Yahya BS (Mechanical Engineering)	Abdul Aziz BS (Mining Engineering)		Sports Cycle



S#	Event	1st Position /Winner	2nd Position /Runner Up	3rd Position	Prize
19	<b>Scrabble</b>	Chaman Ali (Computer Science)	Muhammad Zia (English)		1 Wrist Watch
20	<b>Athletics</b>	Zohaib Shahid (FABS)	Siraj Ud Din (FICT)		
21	<b>Rifle Shooting</b>	Asad Hussain (Mining)	Muhammad Asif (English)	Dilawar (Information Technology)	Air Gun
22	<b>Cricket</b>	Behzad Baloch (FMS)	Syed Shakil (FICT)		Bike
23	<b>Man of the Match-Final</b>	Yasir Naveed (FMS)			1 Wrist Watch
24	<b>Best Bowler</b>	Sibghat			1 Wrist Watch
25	<b>Man of the Series</b>	Abdul Qahar (FMS)			1 Wrist Watch
26	<b>Best Athlete</b>	Zohaib Shahid (Social Sciences) & Wajahat Noor (Maths)			Sports Cycle
27	<b>Best Audience</b>	Nabeel Bugti			1 Wrist Watch



**Events (Female)**

S#	Event	1st Position /Winner	2nd Position /Runner Up	3rd Position	Prize
1	<b>100 Meter Race</b>	Aqsa Nisar (Architecture)	Nimra (Fine Arts)	Duwa (Civil)	1 Wrist Watch
2	<b>200 Meter Race</b>	Marzia (Management Sciences)	Muryam (Economics)	Umaia Gohar (Architecture)	1 Wrist Watch
3	<b>Discus Throw</b>	Maryam (Economics)	Unsa (Textile)	Shazia (MicroBio)	
4	<b>Shot Put</b>	Maryam (Economics)	Unsa (Textile)	Shrifa (Management Scinces) Mashal (Mass Com)	
5	<b>Javelin Throw</b>	Maryam (Economics)	Ayesha (Software)	Mashal (Physics)	
6	<b>Marathon</b>	Nimrah (Fine Arts)	Marzia (Management Sciences)	Marzia (Public Administration)	Sports Cycle
7	<b>Badminton</b>	Seera & Fatima (BS-IR)	Mahnoor & Husaima (Electrical)		2 Wrist Watches
8	<b>Table Tennis</b>	Tanzeel & Sahar (Micro Bio)	Abeera & Ammara BS(IT)		2 Wrist Watches
9	<b>Chess</b>	Hira BS (Software)	Aliya BS (Electronics)		1 Laptop
10	<b>Tug of War</b>	Management Sciences	Mass Com		08 Wrist Watches
11	<b>Scrabble</b>	Mariyum BS (Telecom)	Rehana BS (Bio)		Mobile Phone
12	<b>Athletics</b>	Maryam (FMS)	Nimra (FABS)		
13	<b>Rifle Shooting</b>	Hira Maqbool BS (Electrical)	Hira Saeed (Software)	Imtisall BS (Information Technology)	Air Gun
14	<b>Best Athlete</b>	Maryam BS (Economics)			01 Tablet & 01 Wrist Watch





**Admin & Faculty (Male)**

S#	Event	1st Position /Winner	2nd Position /Runner Up	3rd Position	Prize
1	<b>Chess</b>	Usman Sarwar (Business Center)	Muhammad Yasir Khan (FABS)		01 Wrist Watch
2	<b>Marathon Race</b>	Barkat Ali (FoE &A)	Mirwais Bazai (DIT)	Asif Khan (Transport)	01 Sports Cycle
3	<b>Badminton</b>	Sabir Kasi & Shoaib Ahmed (DoS)	Aehsan Achakzai Zahid Majeed (FMS)		02 Wrist Watch
4	<b>Table Tennis</b>	Aehsan Achakzai	Aadil Sidique (FICT)		01 Wrist Watch
5	<b>Football</b>	Muhammad Younas (Transport)	Zubair Ahmed (Registrar Office)		Trophy
6	<b>Rifle Shooting</b>	Noor ul Haq (Admin FABS)	Saeed Ahmed Magsi (FICT)	Farhan Elahi (FICT)	Air Gun
7	<b>Tug of War</b>	Abdul Jabbar (Admin)	Raza Ali (Faculty FICT)		Trophy



**Admin & Faculty (Female)**

S#	Event	1st Position /Winner	2nd Position /Runner Up	3rd Position	Prize
1	<b>Chess</b>	Palwasha Aman (FoE &A)	Kinza Khan (UA&FA)		01 Wrist Watch
2	<b>Table Tennis</b>	Miss Anka FABS	Miss Kinza UA&FA		01 Wrist Watch
3	<b>Badminton</b>	Maria & Sanam (UA&FA)	Zarina & Roshana (FMS)		02 Wrist Watch
4	<b>Rifle Shooting</b>	Kinza Khan (UAFA)	Rabia Qadar (FICT)	Malgarala Kakar (FICT)	01 Air Gun



## Directorate of Quality Enhancement & Accreditation (DoQE&A)

*“QUALITY IS NOT AN ACT, IT IS A HABIT”*  
Aristotle 384-322 BC

Vlasceanu, Grunberg, and Parlea (2007) defined quality in higher education as a multi-dimensional, multilevel, and dynamic concept that relates to the contextual settings of an educational model, to the institutional mission and objectives, as well as to specific standards within a given system, institution, program, or discipline. A wide range of definitions of quality in higher education has been used, such as:



- Quality as excellence
- Quality as fitness for purpose
- Quality as value for money
- Quality as enhancement or improvement

Following are some glimpses of the activities carried out by DoQE&A during the year 2017.

### Self-Assessment Process of Academic Programs

Self-Assessment is the process to provide information and feedback to learners about the quality of their individual learning. Continuous assessment and improvement can focus on any or all dimensions of system quality: learners, learning environments, content, process and outcomes (UNICEF, 2000).

The Directorate of QE&A with the help of the program teams completed the self-assessment process of the following programs during year 2017.

S. No.	Program	Department
1	MS (Environmental Sciences)	EnvironmentalSciences
2	MS (Chemical Engineering)	Chemical Engineering
3	PhD(Computer Science)	Computer Science
4	BS (Sociology)	Sociology

## **(Re-)Accreditation of Academic Programs**

Accreditation is the recognition that an institution maintains standards requisite for its graduates to gain admission to other reputable institutions of higher learning or to achieve credentials for professional practice. The goal of accreditation is to ensure that education provided by institutions of higher education meets acceptable levels of quality (US, Department of Education, 2015). The Directorate of QE&A provides all the necessary assistance for the (re-)accreditation of academic programs offered at BUIITEMS. In the year 2017, the concern accrediting bodies/councils visited BUIITEMS for the (re-)accreditation of following programs.



- **Pakistan Engineering Council (PEC)**
- **Pakistan Council of Architects and Town Planners (PCATP)**

S. No.	Program	Visit Date	Visit Type	Remarks
1	B. Architecture	7 <sup>th</sup> November, 2017	Re-Accreditation	Re-accreditation is granted for one year i.e. intake Batch: 2012
2	BS (Electrical Engineering)	29 <sup>th</sup> - 30 <sup>th</sup> May, 2017	Accreditation	Accreditation is granted for one year i.e. intake Batch: 2012
3	BS (Software Engineering)	29 <sup>th</sup> - 30 <sup>th</sup> May, 2017	Accreditation	Accreditation is granted for one year i.e. intake Batch: 2012
4	BS (Electronic Engineering )	7 <sup>th</sup> - 9 <sup>th</sup> August, 2017	Re-Accreditation	Re-accreditation is granted for two years i.e. intake Batches: 2013-2014
5	BS (Civil Engineering )	7 <sup>th</sup> - 9 <sup>th</sup> August, 2017	Re-Accreditation	Re-accreditation is granted for two years i.e. intake Batches: 2013-2014
6	BS (Chemical Engineering)	25 <sup>th</sup> – 26 <sup>th</sup> September, 2017	Re-Accreditation	Re-accreditation is granted for two years i.e. intake Batches: 2013-2014
7	BS (Geological Engineering)	25 <sup>th</sup> – 26 <sup>th</sup> September, 2017	Re-Accreditation	Re-accreditation is granted for two years i.e. intake Batches: 2013-2014
8	BS (Computer Engineering)	11 <sup>th</sup> – 13 <sup>th</sup> October, 2017	Re-Accreditation	Re-accreditation is granted for three years i.e. intake Batches: 2013-2015
9	BS (Telecommunication Engineering)	11 <sup>th</sup> – 13 <sup>th</sup> October, 2017	Re-Accreditation	Re-accreditation is granted for three years i.e. intake Batches: 2013-2015
10	BS (Textile Engineering)	16 <sup>th</sup> – 18 <sup>th</sup> October, 2017	Re-Accreditation	Re-accreditation is granted for two years i.e. intake Batches: 2013-2014
11	BS (Mining Engineering)	16 <sup>th</sup> – 18 <sup>th</sup> October, 2017	Re-Accreditation	Re-accreditation is granted for two years i.e. intake Batches: 2013-2014



## Academic Audit

Academic audit is a review process of verifying and confirming the performance of academic practices and procedures against planned/standard procedures. The purpose of academic audit is not judgmental but to encourage departments or programs to regularly improve their quality of teaching and learning. Considering its importance in the University’s strategy for assuring the quality of learning provided to students, the Directorate of Quality Enhancement & Accreditation (QE&A), BUIITEMS carried out academic audit at various faculties during Spring 2017 as per given schedule below:

S. No.	Faculty	Schedule
1	Faculty of Engineering and Architecture	Tuesday, 11 <sup>th</sup> July, 2017
2	Faculty of Information And Communication Technology	Wednesday 12 <sup>th</sup> July, 2017
3	Faculty of Arts and Basic Sciences	Thursday 13 <sup>th</sup> July, 2017
4	Faculty of ManagementSciences	Friday 14 <sup>th</sup> July, 2017
5	Faculty of Life Sciences & Informatics	Friday 14 <sup>th</sup> July, 2017

The areas that were covered in the academic audit were; course files, course completion status, no of classes/labs conducted, CMS attendance record of students, Class room discipline, quality of lectures delivered, process of evaluation, record related with evaluation process, curriculum development and final year projects (FYP).

## Implementation of ISO 9001:2015 Quality Management System (QMS)

ISO 9001:2008 QMS standard has been revised by the ISO Secretariat and released as ISO 9001:2015 QMS Standard in September 2015. This revised standard has been upgraded and includes a number of requirements to enhance the efficiency and effectiveness of Quality System. These changes include high level structure, certain terminologies and definitions, leadership role & responsibilities of top management, extension of preventive actions to risk management in all internal & external organizational issues, and changes in documented information and role of management representative, etc. Organizations are granted a three-year transition period from that date to comply with the current version of the standard, at which time the 2008 version and any certification pertaining to it will become obsolete.



BUIITEMS is already an ISO 9001:2008 certified university. The Directorate of Quality Enhancement and Accreditation (DoQE&A), BUIITEMS manages the overall process of ISO 9001:2008 certification. In 2017, the directorate planned to implement the latest ISO 9001:2015 Standards for the Quality Management System (QMS).

This transition required tremendous work due to the major changes in the standards and involved; training for section heads to have clear understanding of the changes in ISO 9001:2015, revision of the existing QMS, effectively implementation of the revised QMS at BUIITEMS and external audit by TUV, Austria for the certification of ISO 9001:2015. It is expected that BUIITEMS will acquire the ISO 9001:2015 QMS certificate by early 2018.

## Directorate of QE&A Rating by Higher Education Commission (HEC)

Each financial year the Quality Assurance Agency (QAA)-Higher Education Commission assesses the progress of Quality Enhancement Cells (QEC) established in the Public/Private sector universities through a quantitative score card system. The assessment is rated in terms of percentage and reflected in terms of four quality levels/grades i.e. W, X, Y, Z.

Category	Scores
W	80% - 100%
X	60% - 79%
Y	40% – 59%
Z	Up to 40%



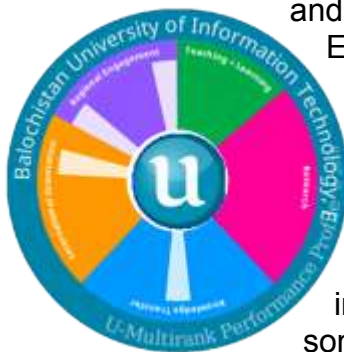
According to the latest quantitative assessment conducted by QAA-HEC for the period of July 1, 2016 to June 30, 2017, the Directorate of QE&A, BUIITEMS as per score card received W Category.

## BUIITEMS Rating in Science & Technology Rankings

Balochistan University of Information Technology, Engineering & Management Sciences (BUIITEMS) has been ranked 179 out of 231 universities of the world in



Science & Technology Rankings by U-Multirank ([www.umultirank.org](http://www.umultirank.org)). U-Multirank is a European Commission initiative and is funded by the European Union’s Erasmus Program. It is developed and implemented by an independent consortium led by the Centre for Higher Education (CHE) in Germany, the Center for Higher Education Policy Studies (CHEPS) at the University of Twente and the Centre for Science and Technology Studies (CWTS) from Leiden University, both in the Netherlands.



U-Multirank compares university performance covering five dimensions: teaching and learning, regional engagement, knowledge transfer, international orientation and research. Currently it includes information on some 1,400 higher education institutions from 99 countries.



## **Directorate of Information Technology**

### **BUIITEMS Smart University Wi-Fi**

BUIITEMS in collaboration with Higher Education Commission has successfully completed the Smart University Wi-Fi project. Over 180 access points have been deployed across Takatu Campus to provide blanket Wi-Fi coverage to its students, faculty, staff and guests. Through the Smart University service users will be able to access free internet not only at BUIITEMS but also in other universities in Pakistan and around the world hosting Smart University Wi-Fi (Eduroam), with same credentials provided to them at BUIITEMS.



### **Huawei Authorized Information & Network Academy (HAINA)**



Huawei Authorized Information & Network Academy (HAINA) has been established at BUIITEMS with lab equipment to train students for Huawei certifications. Huawei certification classes will be conducted weekly to prepare students for Huawei associate and professional level certifications by certified trainers of BUIITEMS. As an incentive students will be provided discount vouchers to take certification exams when trained at BUIITEMS HAINA.



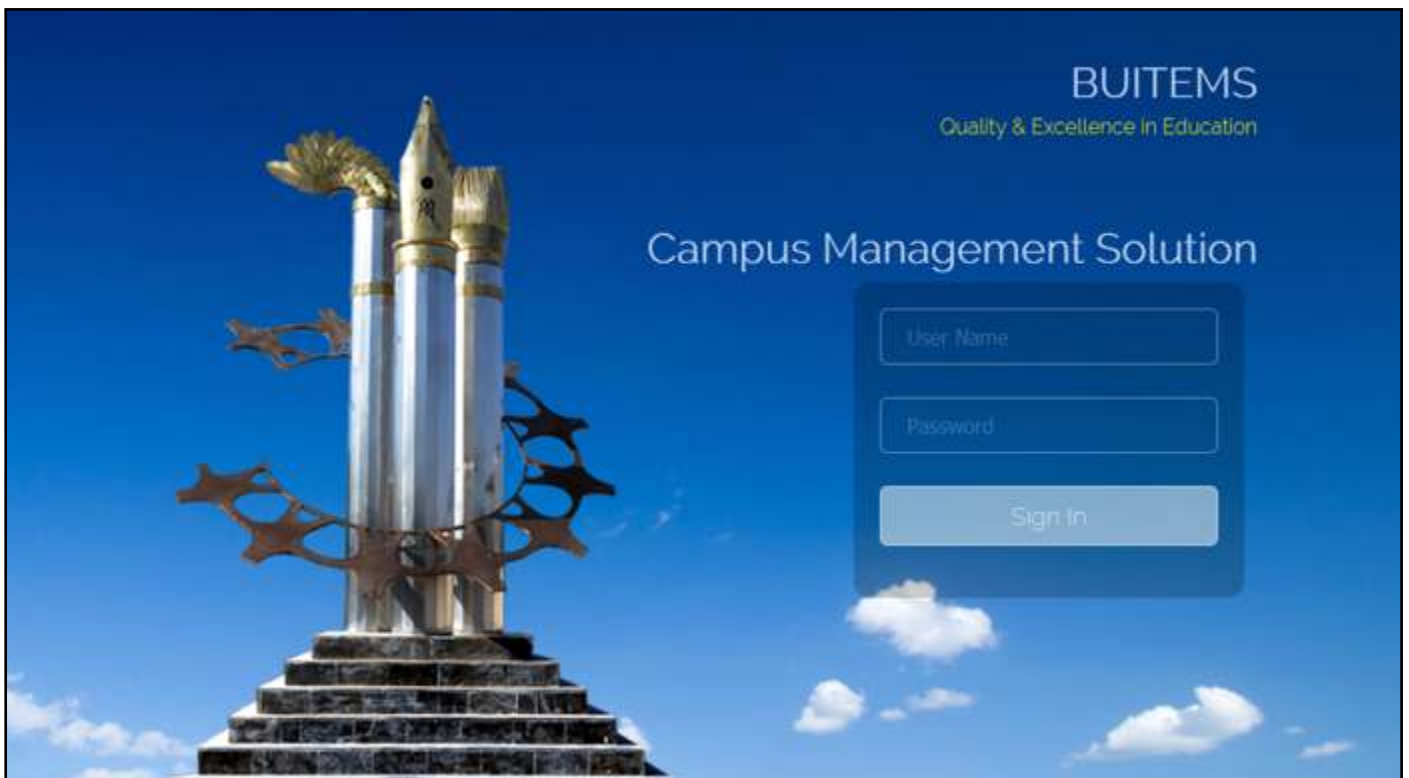
### **TOEFL iBT Authorized Test Center**

TOEFL iBT Authorized Test Center has been established at BUIITEMS to conduct TOEFL iBT exams. BUIITEMS iBT Authorized Test Center is the only test center in province of Balochistan for conducting TOEFL iBT exams.



### **CMS Upgradation**

With every passing year Directorate of IT is flourishing as every other sector. our moto is to serve our organization and facilitate them with new technology that make their tasks easy and accurate.



### **Learning Management System**

LMS-SAKAI was introduced as BUIITEMS 1st learning management system. SAKAI is community source, educational software platform designed to support teaching, research and collaboration. It allow instructors to build Assignment, Discussion Forums, Lesson Builder, Syllabus, Test and Quizzes .etc. online and student collaborate with them using their own accounts. Key achievement in Sakai implementation is its integration with Campus Management Solution. All enrolled students and associated instructors are migrated to Sakai once enrollment process is complete in CMS.



## Timetable Management System

Uni-time is another step towards automation, in order to utilize resources in appropriate manner. UniTime is a comprehensive educational scheduling system that supports developing course timetables, managing changes to these timetables. Its powerful solver is capable of scheduling large scale and complex scheduling scenarios of any big educational organization. It is fully integrated with CMS, so that all courses, all instructors and facilities (lecture halls, labs, seminar rooms etc) may be utilized in systematic and centralized manner.



## Admission Merit List Automation

It's significant to mention here few key development in CMS this year. Automated Merit list was deployed and run successfully against 4000+ applicants. Automated winter fee process was introduced and run successfully. Regular trainings were imparted during the academic year to faculty and admin staff on different modules of CMS, SAKAI and UniTime.



## **BUIITEMS FINANCIAL REVIEW**

### **Financial Highlights**

In order to ensure that the University continues to grow and remain competitive, a plan was initiated to boost up revenue generation. The statutory bodies appreciated the proposal for sorting the ways and means to replenish financial resources to cater the financial needs. As the University is expending, its appropriated strategic investment is increasing. Therefore, University’s cash investment/ non-current investments have been increasing. The University has generated funds to enable it to initiate new academic programs, technological development, maintenance of infrastructure and increasing building capacity.

Balochistan University of Information Technology, Engineering and Management Sciences (BUIITEMS), Quetta has been imparting quality education since 2002 in the fields of Engineering and Emerging Sciences. BUIITEMS is in its development phase and at this stage the proper funding both Development and Recurring are crucial for its growth, development and imparting quality education.

Annual Budget for the Financial Year 2016-17 was approved to the tune of Rs.1,209.335 million, which was revised to Rs.1,092.00 million. The earning/receipt of the University in the year 2015-16 was Rs.178.00 million which increased to Rs.220.00 million during 2016-17. The major contribution in increased revenue is attributed to efficient financial management and enrolment of new students in newly established departments/programs.

<b>Pay &amp; Allowances</b>	<b>Approved Budget</b>	<b>Revised Budget</b>
<b>Total Pay &amp; Allowances</b>	<b>830,200,000</b>	<b>779,985,000</b>
<b>Operational Expenditure</b>		
Purchase of Durable Goods	67,000,000	55,720,000
Purchase of Consumable Goods	34,600,000	25,420,000
Communication	4,100,000	4,210,000
Civil Works-Building & Structure.	10,000,000	8,200,000
Repair & Maintenance	41,100,000	34,600,000
Utilities	53,155,000	43,525,000
Rent, Rate, Taxes & Fee	11,570,000	12,840,000
Training & Research	12,550,000	10,500,000
Other Expenditure on Commodities & Services	145,060,000	117,000,000
<b>Total Operational Expenditure.</b>	<b>379,135,000</b>	<b>312,015,000</b>
<b>Total Revised Budget 2016-17.</b>	<b>1,209,335,000</b>	<b>1,092,000,000</b>



# BUITEMS Medical Center



## **BUIITEMS Medical Center**

BUIITEMS has strived to provide extensive facilities to its students and the medical center is a step toward that purpose. The Medical center is providing health facilities to students and staff members. The medical team includes three medical officers, two male nurses and male nursing assistance, laboratory attendant and two ward boys. The establishment of 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 in 2017**

<b>Campus</b>	<b>Children</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
Takatu Campus	745	2918	570	4233
City Campus	37	1125	370	1532
<b>Total</b>	<b>782</b>	<b>4043</b>	<b>940</b>	<b>5765</b>

### **Activities**

The BUIITEMS medical center has taken two hospitals on panel for tertiary care of their staff and family. Following is the data of referral patients for tertiary care.

<b>General OPD</b>	<b>Gynae OPD</b>	<b>Surgery</b>	<b>Normal Delivery</b>	<b>Laboratory</b>	<b>Total</b>
96	85	5	11	24	221





**Medicines**



As BUIITEMS provides quality and Excellence in education. It is hard work and dedication of its faculty and administrative staff that made such achievement possible.

BUIITEMS also gives advantage of the medical facilities to its employees and students at the medical center in City and Takatu campus, where Health services and medicine are given free of cost.

**Laboratory Facilities**

Minor tests such as Blood glucose, Blood Group, HbsAg, and Pregnancy tests are conducted within medical center which are also free of cost.



**Emergency Services**

BUIITEMS Medical center also provides emergency services to Students and employees. In case of Injuries our qualified staff members provide first aid and dressing facilities at their own medical center and if the patient is referred our staff members also do follow-up in tertiary care. Ambulance is also available for emergency referral.







**BUIITEMS**  
**13<sup>th</sup>**  
**CONVOCATION**



## **BUIITEMS's 13<sup>th</sup> Convocation**

BUIITEMS, on December 14, 2017 held its 13th successive Convocation at Arfa Karim Randhawa Expo Center, Takatu Campus. The Chief Guest was Chancellor BUIITEMS and Governor Balochistan, Mr. Muhammad Khan Achakzai. Those in attendance were Parliamentarians, Civil and Military officers, Vice Chancellors of various universities, parents and society notables.



The Vice Chancellor, Mr. Ahmed Farooq Bazai (S.I) in his applauded the commitment exhibited by academicians and administration and congratulated the graduates and parents.

Over 500 degrees were conferred and awarded to PhD, MS, MBA and BS. Thirty five astounding graduates were awarded with gold medals and ten with badges of honor in recognition for their exemplary performance.

The Chief Guest, in his address congratulated the graduates for achieving such a significant milestone in their lives and recognized this achievement was not possible without the dedication of the University and their parents.





## 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.



**Sameen Aslam**

3.68

Spring-2015

MS (Physics)



**Maria Khalid**

3.67

Spring 2015

MS (Biotechnology)



**Muhammad Umar Malik**

3.53

Spring-2015

MBA (Evening 2 Years)



**Arsalan Raza**

3.62

Spring-2015

MBA (1.5 Year)



**Muhammad Luqman Haider**

3.64

Spring-2015

MS (Electronic Engineering)



**Bisma Amjad**

3.44

Spring-2013

BS (Biotechnology & Informatics)



**Durdana**

3.67

Fall-2013

BS (Biotechnology & Informatics)



**Ikramullah**

3.67

Fall-2013

BS (Textile Engineering)



**Shabir Ahmad**

3.55

Fall-2012

B (Architecture)



**Bakhtiar**

3.61

Fall-2013

BS (Economics)

## 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.



**Anila Batool**  
3.89  
Spring-2014  
MBA (Banking and Finance)



**Nimra**  
3.79  
Spring-2016  
MBA (1.5 Year)



**Syed Jahanzaib Shah**  
3.93  
Spring 2015  
MS (Civil Engineering)



**Saif Ullah Khan**  
3.87  
Spring 2015  
MS (Textile Engineering)



**Fawad UI Hassan**  
3.88  
Spring 2015  
MS (Mining Engineering)



**Fazal Muhammad**  
4.00  
Spring 2015  
MS (Electrical Engineering)



**Kanza Ali Manzar**  
3.74  
Spring 2015  
MS (Computer Science)



**Lubna Ayub**  
3.87  
Spring 2015  
MS (Computer Engineering)



**Taqia Khanum**  
3.87  
Spring 2013  
MS (Computer Engineering)



**Rabia Qadar**  
4.00  
Spring 2015  
MS (Telecommunication Engineering)

## AWARD OF GOLD MEDALS



**Samreen Arshad**  
3.96  
Fall 2013  
BS (Computer Engineering)



**Sohail Asghar**  
3.92  
Fall 2013  
BS (Computer Science)



**Naqib Ullah Khan**  
3.75  
Spring 2013  
BS (Electrical Engineering)



**Imran Ullah**  
3.91  
Fall 2013  
BS (Electrical Engineering)



**Irum Ahmed**  
3.93  
Fall 2013  
BS (Electronic Engineering)



**Sandara Maqbool**  
3.82  
Fall 2013  
BS (Software Engineering)



**Waqar Haider**  
3.88  
Fall 2013  
BS (Information Technology)



**Tahira**  
3.87  
Fall 2013  
BS (Telecommunication Engineering)



**Muhammad Kamran**  
3.71  
Fall 2013  
BS (Mining Engineering)



**Mohsin Khan**  
3.75  
Spring 2013  
BS (Petroleum & Gas Engineering)





## AWARD OF GOLD MEDALS



**Muhammad Saqib**  
3.71  
Fall 2013  
BS (Petroleum & Gas Engineering)



**Ibraheem Khan**  
3.89  
Fall 2013  
BS (Geological Engineering)



**Hammad Khan**  
3.81  
Fall 2013  
BS (Civil Engineering)



**Syeda Saman Fatima**  
3.89  
Spring 2013  
BS (Civil Engineering)



**Muhammad Attique**  
3.83  
Fall 2013  
BS (Chemical Engineering)



**Ghania Wasif**  
3.86  
Spring 2013  
BS (Microbiology)



**Sabahat Qayum**  
3.94  
Fall 2013  
BS (Microbiology)



**Anila Panezai**  
3.94  
Spring 2013  
BS (English Language & Literature)



**Anmol Zeb Khan**  
3.79  
Fall 2013  
BS (English Language & Literature)



**Sana Gharshin**  
3.72  
Fall 2013  
B (Fine Arts)



## AWARD OF GOLD MEDALS



**Goher Rafique**  
3.7  
Fall 2013  
BS (Mass Communication)



**Numan Naeem**  
3.72  
Fall 2013  
BS (Mathematics)



**Saira Yasmeen**  
3.89  
Fall 2013  
BS (Physics)



**Muhammad Kazim**  
3.89  
Fall 2013  
BS (International Relations)

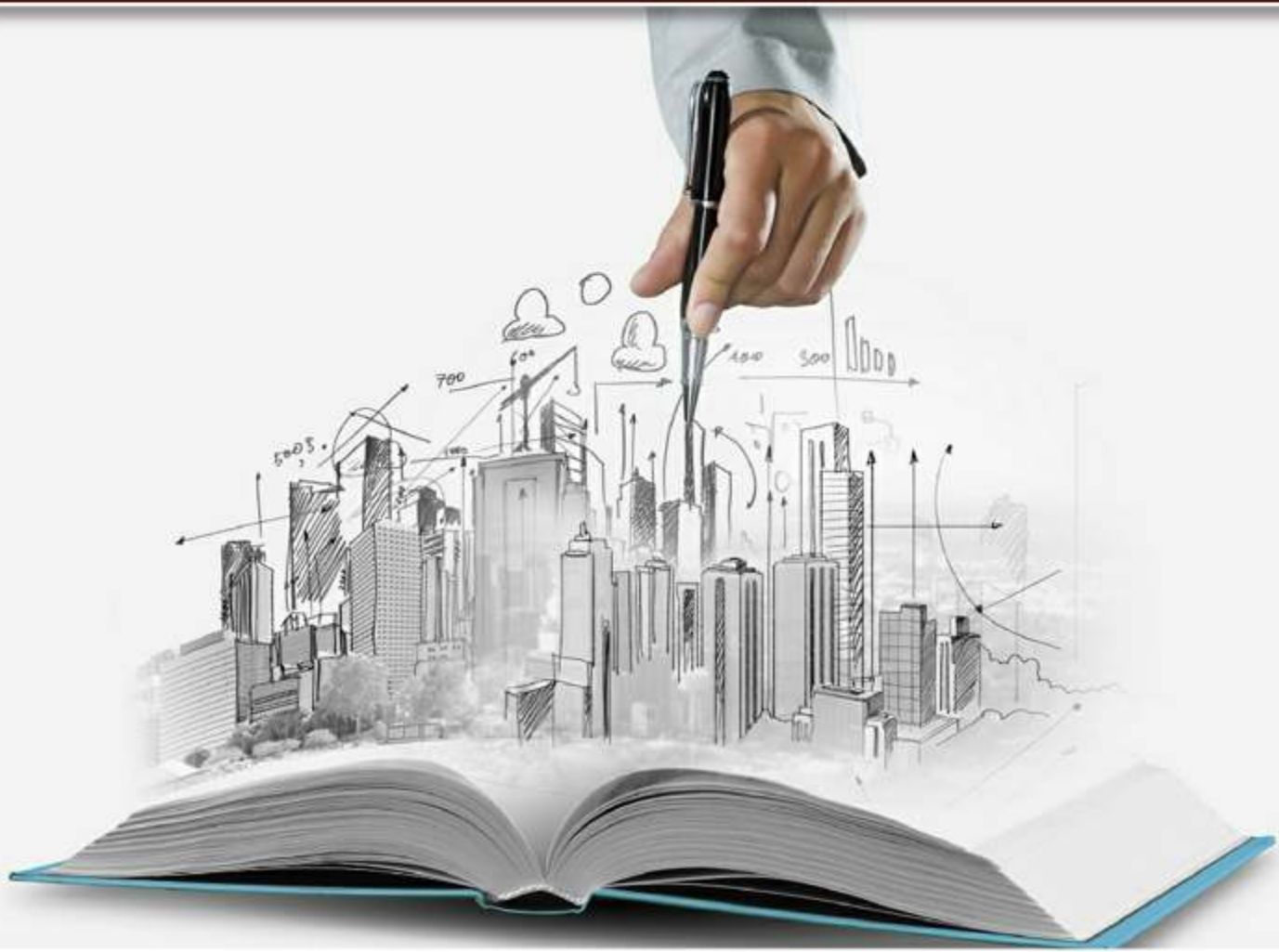


**Mirwaise Khan**  
3.86  
Fall 2013  
BS (Business Administration)





# Infrastructure Development



## Infra-Structure Development

### Projects under construction

Development of infrastructure at BUIITEMS has been a key focus area in order to provide updated learning environment to students and faculty members. In order to strengthen the infrastructure at BUIITEMS several new development works are planned to be started this year. Where as, some facilities are near completion and will be functional this academic year.



### Projects near completion

#### CPEC center of excellence

Construction of CPEC Center of Excellence at BUIITEMS, with a covered area of 19,500 sqft is near completion. It accommodates the following facilities:

- Auditorium
- 02 Lecture Halls
- Laboratory
- Multipurpose Hall
- 08 Administrative Offices
- 01 Library



#### Central Library

Central library constructed with a covered area of 41,600sqft is near completion. The library will provide up to date research facilities to students and faculty at BUIITEMS, with access to valuable books and published journals.

#### Visiting faculty hostel

Teaching faculty from renowned institutes will be invited to participate in academic activities at the university. These faculty members will be provided with adequate facilities to reside within the premises of BUIITEMS. The project is in the final stages of completion, with a total covered area of 22,080sqft.



**International students hostel**

Hostel at BUIITEMS for international students is being constructed with a total covered area of 22,080sqft. Previously, BUIITEMS has facilitated international students coming from Iran, Turkey and Saudi Arabia. The facility to provide these students with a hostel within the campus is expected to further inflate the numbers of international students at BUIITEMS.

**New works to be started**

Following works at BUIITEMS will be started this academic year:

**Construction of Academic Block**

The construction of academic Block with a building footprint of 150,000sqft will begin at Takatu Campus, which is expected to cater to the growing needs of various departments and faculties within the university in the next five years. The proposed Block would accommodate more than 5000 students and staff members the main campus of the university.



**Construction of Residential Colony**

Housing facility will allow on-campus accommodation to eighty-four teachers and staff members. It will attract highly educated and experienced teaching faculty from all over the country and abroad to serve BUITEMS.

**Other amenities**

Construction of a new Masjid on an area of 12000 sqft, roads, boundary wall, cafeteria, expansion of LAN/WAN facilities and construction of pavilion for football ground will start this year to strengthen the infrastructure at BUITEMS.

**Construction of DNA testing Lab at BUITEMS**

Construction of DNA testing lab, which will be first of its kind in Balochistan will start this year at BUITEMS.

**Establishment of University College Zhob, BUITEMS.**

Zhob Campus BUITEMS, which will be operational from Spring 2018 session, has been established in a school building in its initial stages. The school building has been provided by District Administration Zhob. The university has taken necessary measures to furnish the building respectively.



**Permanent Campus of Zhob University College Zhob, BUIITEMS.**

BUIITEMS has acquired 100 acres of land for establishment of a permanent campus at Zhob. This permanent campus will provide the following facilities:

- **Academic Block**

An area of 43,929sqft is proposed to be constructed as main academic building to house around 1000 projected students in five years time.

- **Administration Block**

The Administration Block with a total covered area of 7,668sqft will accommodate the administrative facilities.

- **Faculty Hostel**

Faculty hostel is proposed to be constructed for faculty members who will be joining the campus from other parts of the country.

- **Students Hostel**

Two Student hostels are proposed in the master plan to provide separate on campus accommodation to girls and boys coming from other districts to Zhob. Availability of on campus accommodation facility will provide easy accessibility to the students.

- **Boundary wall**

Boundary wall for securing the campus will be constructed. The boundary wall will be constructed around the area of 100 acres to make the surroundings of the campus safe.

- **Water Supply System**

- **Internal Road Network**

- **Tube well**



### **Cricket and football grounds**

Besides construction of indoor sports facilities, a cricket ground and a football ground are also proposed at Zhob campus, facilitating outdoor sports events to enable students to participate in extracurricular activities.



### **Campus Security**

Keeping in view the present security situation of the country the strengthening of campus security is proposed. A few check posts and watch towers will be constructed on different locations of both the campuses at Zhob and Quetta. Hydraulic Barrier system along with scanners, walk through gates and surveillance cameras are proposed to be installed at these campuses.

### **Masjid**

In the proposed master plan of the Zhob campus a masjid is also planned to be constructed which will facilitate the campus and its residential area.

### **LAN/WAN, Internet facility**

Internet, LAN/WAN and IT facilities will be provided at the campus which will give a modern learning environment to the students.

### **Lab Equipment**

Research oriented lab equipment will be provided to students, as per proposed in the PC-I.







**BUIITEMS**  
**BUILDING COMMUNITIES**



**Security and Vigilance Session**

A training session on security and 23 vigilance was conducted by the Directorate of Human Resource Development, BUIITEMS in collaboration with Higher Education Commission (HEC), Islamabad for administrative staff and faculty members of BUIITEMS. Under Indigenous On-campus Training Program (IOT- HEC Phase II), the training was conducted on January 18, 2017. Lt. Col. Muhammad Abid, FC Balochistan was the resource person at the training. He stated that everyone should have the necessary knowledge of ways and means of self-protection, knowledge and how to manage and respond if crises arrived.



**Joint Consultative Video Conference (BUIITEMS and JICA Pakistan)**



A joint consultative video conference was held on February 8, 2017 between BUIITEMS and Japan International Cooperation Agency (JICA) Pakistan, Islamabad, to peruse and identify the equipment and procurement procedures. The equipment was identified for the departments of Mining, Civil, Petroleum and Gas Engineering.

BUIITEMS team was headed by Prof. Dr. Ehsanullah Khan Kakar, Director JICA project for BUIITEMS, and Mr. Asif Masood, in-charge JICA-BUIITEMS project, Mr. Salman Kasi Director Procurement along with Prof. Dr. Najam Khan Malghani Dean FOE&A and chairpersons of concerned departments attended the conference. JICA team was headed by Mr. Nagasawa Shinji, in-charge procurement section JICA.



## Tree Plantation

In view to support Government's initiative to enhance the forest coverage of Pakistan through Green Pakistan Program (GPP), BUIITEMS participated in the plantation drive which was formally launched on February 09, 2017. Vice Chancellor, Ahmed Farooq Bazai, formally inaugurated the "Green Pakistan Program" and spring 2017 Tree Plantation campaign by planting a sapling at BUIITEMS TAKATU CAMPUS. The occasion was graced by Mr. Obaidullah Jan Babat, Minister for Forest & Wild Life Department, Government of Balochistan. Registrar BUIITEMS, Additional Registrar (A&C), Faculty members, students and staff members were also present on the occasion.



## BUIITEMS-USAID Project on Gender Sensitization

On February 23 and 24, 2017 BUIITEMS completed a five month project on Gender sensitization titled *Institutionalization of gender sensitization and gender training materials in BUIITEMS* under Gender Equity Program (GEP) of Aurat Foundation by the support of USAID.

Prominent objectives of the Project included:

- Building the capacity of Faculty, non-academic staff, students through gender sensitization workshops, trainings and seminars
- Institutionalization of gender and development in university's curriculum
- Dissemination of IEC material in the university (which included reading materials related to Gender Equity, brochures and pamphlets, Project mugs, key chains etc.)
- Anchoring of research opportunities supporting students' research on Gender
- Screening of GEP videos on Gender Sensitization to the students



**Orientation Session for MS/PhD Students**



Graduate Studies Office organized an Orientation Session for MS/PhD students, in different programs of studies of session Spring 2017 on March 22, 2017 in Green Hall Sir Syed Block Takatu Campus. Dean Graduate Studies Office introduced the participants with the prevailing rules & SOPs for MS and PhD programs at BUIITEMS. Office of UA&FA briefed the students with registration process of Prime Minister Fee Reimbursement Scheme.

**Social Responsibility Activity at SOS Children's Village**

Students of BSBA Fall 2013 under the supervision of Lecturers, Department of Management Sciences conducted an activity at SOS Children's Village Quetta. The event took place on April 8, 2017. This activity was aimed to provide career counseling sessions for SOS Children, to help them in planning their future goals.



**TIBM Scholarship Awards to BUIITEMS Students**

Tanzeem Idara Bahali Mustehqeen (TIBM), chaired by Ms. Surriya Allahdin, awarded three scholarships to the students of BUIITEMS.

The scholarship covers the tuition fee expenses for the whole program along with the book allowance. The Institutional Scholarship Award Committee (ISAC) was conducted by BUIITEMS Financial Assistance Office for the award of the scholarships by TIBM on April 12, 2017.



Three deserving candidates were selected after interviewing students from different departments of Faculty of Engineering and Architecture.

S. No	Name	Father's Name	Program
1	Shah Nizar	Faiz Ahmed	BS Software Engineering
2	Bilal Ahmed	Abdul Wadood	BS Electrical Engineering
3	Rozi Muhammad	Haji Kala Khan	BS Computer Engineering

### **BUIITEMS-OGDCL Need Based Scholarship Program**

A meeting of BUIITEMS-OGDCL Need Based Scholarship Program was held on April 12, 2017. Oil and Gas Development Company Limited (OGDCL) awarded ten scholarships for the students of BUIITEMS Engineering program for the year 2016-17. The names of students selected for the award of scholarship are listed in the following table:



#	CMSID	Name	Father Name	Program
1	36840	Sanaullah	Habibullah	BS Civil Engineering
2	39844	Idrees	Mohammad Saleem	BS Textile Engineering
3	37516	Faisal Akbar	Akbar Ali	BS Mining Engineering
4	39714	Shabir Ahmad	Dr. Muhammad Iqbal	BS Telecom Engineering
5	38357	Muhammad Idrees	M. Siddiqui	BS Mechanical Engineering
6	37505	Syed Dilawar Shah	Abdul Razzaq	BS Chemical Engineering
7	38116	Jan Muhammad	Sultan Muhammad	BS P& G Engineering
8	39478	Khursheed Alam	Abdul Ghaffor	BS Mechanical Engineering
9	39289	Muhammad Anas	Rasool Nawaz	BS Computer Engineering
10	38210	Sheikh Nawer Hayath	SHM Ayoub	BS Electrical Engineering

### **Career and Scholarship Counseling**



The Department of International Relations organized a session on Career and Scholarship counseling on April 14, 2017 in the Training Hall, Takatu Campus BUIITEMS. The guest speaker of the session was Rafiullah Kakar, Rhodes Scholar and Research Fellow at Commonwealth who shared the possibilities and the technicalities of scholarships which included application writing, personal statement and study research objectives.

### **Fee Concession Interviews Spring 2017**

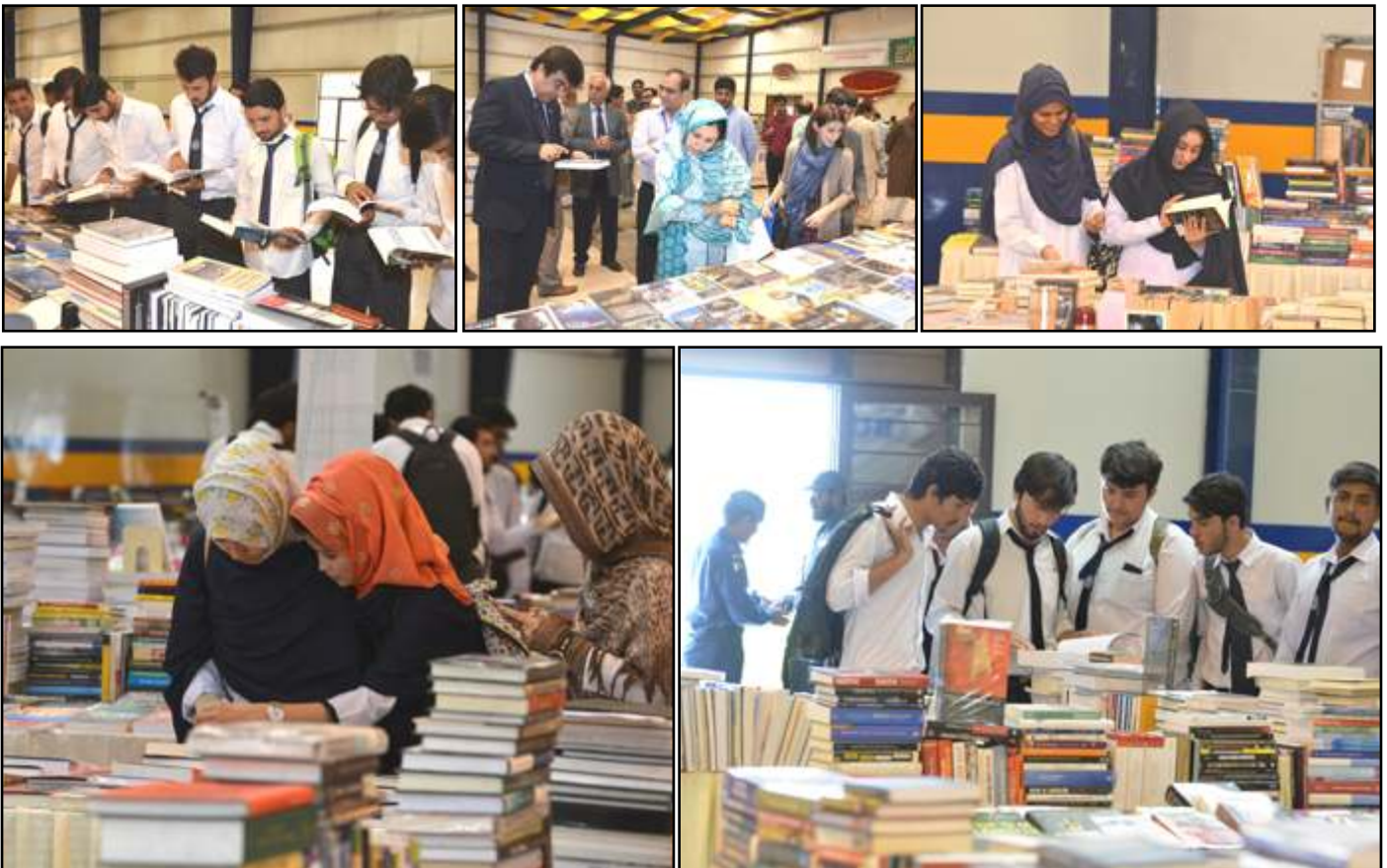
Financial Aid Office (FAO) announced Fee Concession program for spring 2017 on January 05, 2017. In total four hundred and ninety-eight applications were received by the FAO from faculties collectively. The candidates were called for interviews from April 18-21, 2017 in the meeting room of Directorate of UAFA. The interviews were conducted by BUIITEMS Scholarship Award Committee (SAC) and 275 most deserving students selected for the award of scholarships.



### **BUIITEMS 8<sup>th</sup> Book Fair-2017**

Three-day Book Fair on April 25-27, 2017 at Arfa Karim Randhawa Expo Center was organized by BUIITEMS. Book fair was inaugurated by Ms. Spozmi Achakzai (Member of Provincial Assembly Balochistan).

Dr. Faisal Ahmed Khan, Chairman Library Committee, with his team, coordinated with the booksellers and faculties. There were around 100,000 books on display on a variety of subjects relevant to academic degree programs. Different institutions, organizations and print and electronic media personnel visited the fair.



## Go Green rally and initial tree plantation phase I

The Social Sciences Department initiated the Environmental Society comprising of students and teachers working voluntarily to bring about a clean, healthy and a greener environment. The society intended to promote and encourage appreciation towards nature and preserve the environment. The Society started its first project of planting trees in April, 2017.



### Go Green Rally.

The Go Green Rally was planned to create awareness of the environmental threatening behaviors and ways to improve and promote sustainability.



### Planting Seeds.

The Go Green rally was also aimed to promote environmentally sustainable behaviors among the students for which early a thousand seeds were in the Campus's Green House.

The sprouts were frequently visited and were monitored by the students and the head of departments. The plants were fully taken care of under the professional supervision. The plants were later planted in the Campus surroundings.

## FICT Feedback Session Spring 2017

As a FICT tradition, 'Student Feedback Session' was organized on April 27, 2017 at Pink Hall New Block, BUIITEMS. Dean FICT, Dr. Faisal Khan, chaired the session. In this session chairpersons and students from all seven departments of FICT gathered under one roof and students were allowed to give their feedback on any of the issues related to curricular or co-curricular activities held within the faculty. Students participated in the session and their concerns were answered accordingly. Dean FICT, by taking advantage of the forum, requested students to take the ownership by caring for the university property in labs, classrooms and other premises at BUIITEMS.



**Guest Lectures**

Mass Communication Department organized a one-day *Guests' Lecture* relating to the subject on Media Laws and Ethics on May 5, 2017. Its aim was to identify problems of practicing journalism and the basic understanding of theory, practice and ethics attached to it. Mr. Asmat Ullah Kakar, Assistant Professor, University Law College Quetta; Mr. Syed Ali Shah, Bureau Chief, Dawn News Balochistan; and Mr. Adnan Amir Editor-in-Chief Balochistan Voices; (Online Magazine) were the guest speakers.



**Thesis Research Jury at the Department of Architecture**

The Department of Architecture BUIITEMS organized the research jury of its final year students on May 08-09, 2017. The Jury members included prominent architects from UMT Lahore and NED Karachi. Some renowned Architects from Quetta also joined the jury sessions as observers. The efforts of the faculty members were acknowledged by the external jurors.





**BUITEMS Developers' Club**



BUITEMS Developers' Club, a computer programmer's society, constituted by the Software Engineering Department, organized lectures on tools and languages as proposed by the society. The pilot training session and an advanced lecture on JavaScript was delivered to students and faculty of FICT on May 12, and June 2, 2017.

BUITEMS Developers' club aims to provide learning and teaching opportunities of different programming languages and tools. The Department in collaboration with the Electrical

Engineering Department is working on the development of advanced motion sensing in CGI.



**Career Counseling before student enrollments in the university.**

BUITEMS Social Science Department initiated Career Counseling Room for students coming for admission in the university. Under the assistance of a professional counsellor one on one sessions were held with potential students in a comfortable environment. Students were introduced to different courses offered by the university.

More than 80 students were facilitated with in a time period of two months. The project continued till the end of the admissions fall 2017.



**CPEC Excellence Center**

On August 4, 2016, the foundation stone laying ceremony of the CPEC excellence center at BUIITEMS was held. The basic objective of the CPEC Excellence center is to polish the skills and abilities of our youth so that they should be able to fulfill the human resource needs of CPEC including both technical and non-technical requirements. Teaching Chinese as a language will also be a part of the CPEC excellence center, which will help in developing educational relations, cultural relations and areas of other common interests.



**JICA Project Equipment**

On 4th August 2017, Department of Petroleum & Gas Engineering, BUIITEMS hosted a handover ceremony of Gas Chromatograph (First JICA Project Equipment) granted by the Government of Japan through the grant of Japan International Cooperation Agency (JICA). The ceremony was attended by senior representatives Mr. Nagasawa, project coordinator Junko Komoto of JICA and Dr. Ali Nawaz Mengal, Chairperson Petroleum & Gas Engineering Department of BUIITEMS. The JICA representative, Mr. Nagasawa Roberto Shinji, in his speech said that quality education is the foundation of nation building. This is the foremost reason for the Japanese Government and people of Japan to support BUIITEMS in its quest to improve education. He then informed that the Japanese Government is committed to continue their support to the education sector.



**Eid ul Adha at SOS Children’s Village**



The students who had started visiting the children at SOS Village on Eid in 2015 continued to celebrate Eid at the village as BUIITEMS alumni. The alumni with Ms. Khalida Durrani visited the village on the second day of Eid September 3, 2017.

The children in their new clothes and the staff in the village were very excited to see the alumni entering the village with the camel and gola stand. The children at SOS along with Ms Iffat, Director of the village appreciated the alumni for making Eid a special day for everyone at the village.



**Colors of Hope**

Mr. Kaleem khan, Director Fine Arts and Naseebullah, Lecturer Department of Fine arts made 6 paintings of landscape and Islamic calligraphy for Cenar cancer hospital as a donation from BUIITEMS Quetta. This was an especial donation for the cancer patients including children, women, men and old people. Beautiful art pieces are the symbol of hope and happiness. These were larger size paintings (8’ x 5’ and 4’ x 3’).



These painting were presented on September 13, 2017 to The Director Cenar Mr. khush Naseeb.



## **Counseling Session**

The Department of Software Engineering with the collaboration of IEEE Student Branch, BUIITEMS organized a career counseling session for the students of Software Engineering at Green Hall, Takatu Campus BUIITEMS on 13<sup>th</sup> September, 2017. Speakers at the event included Mr. Masood Ur Rehman, Dr. Bushra Naeem, Mr. Shahrukh Riaz, and Ms. Ghina Saleem. A large number of students and faculty members attended the session. The event was based on the counseling of students that would help them understand and critically judge themselves, towards making well planned career and life decisions.



## **Admission Test Conducted by Department of Architecture**

Admission test for the induction of batch Fall 17 was conducted by Department of Architecture on September 13, 2017. This test consisted of two major sections, General Ability and Drawing. This test was conducted for the students who have already cleared their NTS entrance exams. This test holds 25% weightage in admission process. A total of 130 students appeared for the test against 30 seats.



## **Reimbursement for 10 wining members & announcement of IEEE branch officers 2017/2018**

The IEEE Student Branch BUIITEMS arranged a session on reimbursement of registration fee to 10 wining members at FICT conference Hall, BUIITEMS on September 15, 2017. Session was conducted under the presence of Dr. Faisal Khan, Dean FICT. Dr. Bushra Naeem and Mr. Raza Ali. The event ended up with the distribution of reimbursed cash among the wining members by Dean, FICT and announcement of new IEEE branch officers.



**Final Jury of BFA Fall13**



Final thesis jury of Fine Arts (BFA, Fall 2013-2017) session was held on September 22, 2017, at BUIITEMS Fine Arts department. External jurors were, Mr. Jameel Baloch (Assistant Professor NCA), Mr.Nisar Ahmed (Lecturer Fine arts Department, University of Balochistan) Mrs.Durdana Naseer (Assistant Professor Fine arts Department, SBK Women University) while the internal jurors were Ms.Tamseel Hafsa and Mr.Mohammad Meraj (lecturers Fine Arts Department, BUIITEMS). Five students successfully completed their four years BFA Program and presented their thesis work. Two out of the five students were Painters namely, Ms. Sanna

Gharshin, and Ms. Shabnam. Two Sculptors also displayed their projects; Mr. Usman Ali, and Mr. Zubair Yaseen. The last student was a Miniaturists namely Ms. Amina Tahir.



**Orientation Session, Department of English**

The Department of English conducted an Undergraduate Orientation session on 25th September 2017. Ms. Laibah Durrani facilitated this one day session and familiarized the students with dynamic range of academic, leadership and intellectual opportunities available at BUIITEMS. Coordinator Student Affairs introduced the students to the office of the student affairs and its wide array of clubs and councils that engage students in high quality of co. curricular activities and support their holistic growth. The Vice Chancellor BUIITEMS, Dean FABS, and Chairperson Department of English personally addressed and welcomed the new batch.

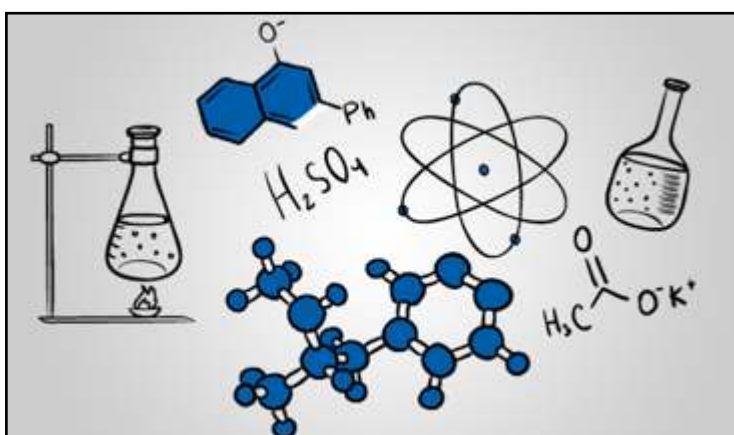


### **Orientation Session, Department of International Relations**

Department of International Relations BUIITEMS arranged Orientation session for newly enrolled students of BS International Relations fall 2017 at Green Seminar Hall on September 25, 2017. The session was attended by Dean FABS Chairperson Department of International Relations and Faculty members. The students were briefed about the semester system including pattern of Exams, Assignments, Scholarships, Extracurricular activities and the norms of the BUIITEMS Family



### **Orientation Session, Department of Chemistry**



Department of Chemistry held a comprehensive orientation session on 26th Sept 2017, which was chaired by the chairperson of Department of Chemistry. The session started with a faculty introduction along with a brief description of the area of expertise to the newly inducted students. Dr. Mujtaba Ellahi elucidated the various aspects of the BS program (like semester system and the concept of cumulative grade points), and particularized important points to the students regarding upcoming studies at BUIITEMS.

### **Professional Career Development & Self Employment**

On September 28, 2017 Career Services Office organized a seminar on “Professional Career Development & Self Employment “More than 200 students from all departments participated in this event. Mr. Hashmat Malik CEO of SPS was the guest speaker of this session.

The following areas were explored:

- Modern Job Search Strategies
- Developing soft skill
- Online and overseas jobs.
- Internships and part time jobs
- Emerging trends in technology and employment opportunities
- Self-employment



Mr. Hashmat offered internship and project based assignments to students in his company.

Vice Chancellor BUIITEMS Mr. Ahmed Farooq (SI) thanked guest speaker for delivering an informative and productive session to the graduating students.



**Establishment of United Nation Information Centre (UNIC) at BUIITEMS library**



The United Nation Information Centre (UNIC) established a corner at BUIITEMS library with collaboration of Higher Education Commission (HEC) on October 6, 2017. The corner shall provide information and awareness about United Nation publications. The Director General, HEC Furman Ullah Anjum highlighted the services and projects of United Nation (UN) and Swiss Government in this regard. BUIITEMS Professor, Dr. M A K Malghani thanked the HEC & UN in establishing the corner.

**PCATP Accreditation Test**

Pakistan Council of Architects and Town Planners conducted an accreditation test for batch fall 11 and fall10 on Tuesday, October 17 2017 in Department of Architecture, BUIITEMS. Thirty-two students appeared for the test. It was a design based test, where students were asked to propose a design for a Basic Health unit within the time constraint of 6 hours.



### Fund Raising to Support an orphanage in Khuzdar



Amina Raisani a student from the Department of English came up with the project of helping the orphans of Khuzdar, who were in the need of basic necessities for continuing their education. The orphanage had students less than 18 years of age. Our student Amina had visited them during her winter vacations and had witnessed the situation of the orphanage and the primary school where the kids from the orphanage would go to study. She saw that the kids especially from the orphanage had no new uniforms, books, school bags and stationary items.

The Social Sciences department encouraged the volunteer students from the Sociology department to come up with ideas of fund raising. The students raised funds to buy new uniforms, school bags, books and stationary items for the school children of the orphanage. The items bought were carefully sent to Khuzdar and it was made sure that every child in need of those items would receive them.

### Balochistan Education Endowment Fund (BEEF) Cheque Distribution Ceremony

BUIITEMS Financial Aid office in collaboration with Balochistan Education Endowment Fund (BEEF) organized cheque distribution ceremony for the meritorious students on 14th November, at Orange and Pink hall Takatu campus BUIITEMS.

The Chief Guest of the program was CEO BEEF, Additional Secretary Finance, Dr. Rasheed Masood Khan Jaffar and guest of honor was Prof. Dr. Ehsan ullah Kakar along with other dignitaries from BEEF and BUIITEMS.

336 Students were awarded a total amount of Rs.16.13 million (Rs.48000/-each) under BEEF Scholarships Policy 2016-17 covering students of second and third semester of BS Program.





### **One-Day Interactive Session**

Department of Economics and Public Administration organized one day interactive session on November 07.2017 at BUITMS, Green Hall. The chief guest was Mr. Farukh Ateeq Deputy Commissioner District Quetta. The chief guest had an interactive session with the students of different departments including Sociology, Public Administration, Mass Communication and Economics.

This opportunity can also pave the path of success for the students in different government offices in terms of internships and jobs in the future. The Deputy Commissioner had assured that he will provide jobs and internships to students from various departments. The Deputy Commissioner also visited the Art gallery, where he appreciated the art work of students.



### **World Diabetes Day at BUIITEMS Medical Centre**



BUIITEMS Medical Centre in collaboration with Endocrinology Department of Bolan Medical Complex and Endocrine Society Quetta organized world diabetes day on 14<sup>th</sup> November, 2017. The main objective of this program was to celebrate world diabetes day awareness program with global theme of IDF 2017 for women in the best interest of public health. The keynote speaker was Professor Dr. Zafarullah khan kakar (HOD) BMC. He described that all women with diabetes require affordable and equitable access to care and education to better manage their

diabetes and improve their health outcomes. Dr Irshad Khoso and Dr Zafarullah Khan Kakar had very informative questions answers session with students and faculty. On parallel basis, free screening tests like blood sugar, S/cholesterol, and BMI were conducted.



### **Human Library Session at the BUIITEMS**

The Department of English organized a “Human Library” Session at the main library of Takatu Campus on November 22, 2017. Around three hundred students from various disciplines participated in the event. Students, teachers, librarians as well as the caretaker staff participated in the session, enjoying for the first time the experience of a human book. The stories were narrated by participants in Pushto, Balochi, Urdu as well as English language and supported connection with books, society and multi-culturism.



### **Barkat Foundation Orientation Session**



Students and faculty at BUIITEMS have launched a non-profit organization called “The Barkat Foundation” which aims to help the underprivileged students by providing stationery, uniform, bags and other educational items. The organization also provides career counseling, helps students in availing scholarships and guidance for admissions and various educational aptitude tests. The Foundation is working in Balochistan and Khyber Pakhtunkhwa. The foundation has helped more than 1200 students in

different categories in the year 2017 which is a direct result of students’ dedication. The Foundation plays an important role in community services.

### **Short-Story Telling Session**

The Department of English organized a Short-Story Telling session at Pervez Shaheed FC Public Pre School in Baleli on December 1, 2018. BUIITEMS students and faculty members organized a learning environment in a fun way. The students narrated English and Urdu Pakistani Nursery Rhymes and narrated short stories in interactive ways. The efforts were praised by the school staff and loved by the students. The Principal of the school thanked BUIITEMS for this act of social work.



### **“Markhor” the Symbol of Grace**

The Department of Fine Arts has always played a vital role in adorning the main campus of BUIITEMS. Mr. Wahab designed a huge sculpture of “Markhor”, the mascot of BUIITEMS, which was installed at the main entrance of the university. The sculpture was installed a day before the 13th convocation.



### **Mentoring Session**

The Department of English organized a mentoring session on ‘The Role of Education to Fight Terrorism,’ and ‘BUIITEMS as an International Standard Educational Institute’ at Pervez Shaheed FC Public College on 29th December 2017.

Ms Naima Bilal Minhas and Mr Saeedullaah expounded the worth of education in terms of combating eternal conflicts through promotion of tolerance and vigilance.



### **Video Lecture**

Prof. Dr. Kotiba from Hamad School of Advanced Materials Science & Engineering, Sungkyunkwan University, Suwon, South Korea delivered a lecture via video call regarding "Texture control and grain refinement for optimizing strength and ductility of Magnesium alloys". Chairperson Engr. Arshad with faculty members Asif Hussain, Syed Abbas Rizvi, Monaza Shaheen, and students of Mechanical Engineering Department attended the lecture.







# Ceremonies



## International Women’s Day Celebrations

BUIITEMS organized a seminar on International Women’s Day on March 7, 2017 at Takatu Campus, BUIITEMS.

Chief Guest of the ceremony was Member Provincial Assembly Mrs. Spozmai Achakzai. The seminar was attended by many renowned scholars, academicians, civil rights activists, teachers and students.



The seminar was addressed by Mrs. Surraiya Allahdin, Ms. Fatima Nangyal, Dr. Naheed Anjum Chisti and Ms. Salma Hassani who talked about the role women play in crafting the future generations. Ms. Syeda Fakhra Wahid, a notable poetess, shared one of her poems on women empowerment with the audience. The audience was also entertained by songs based on the day’s theme sung by the students of BUIITEMS.

## Farewell to Professor Dr. Mohammad Nawaz

Department of Mathematics organized a farewell party for Prof. Dr. Mohammad Nawaz on April 6, 2017 at VC Secretariat Conference Room. Prof. Dr. Mohammad Nawaz earned a place of respect and prominence academically. All the faculty members including Dean FABS, Dr. Jan Mohammad and Head of the Department Qaisar Khan, joined the venue and applauded for Prof. Dr. Nawaz with great zeal.

Dr. Mohammad Nawaz shared his views on the remarkable journey with BUIITEMS since 2002. Dean FABS, Chairman Department of Mathematics along with faculty members presented a painting as a souvenir in the memory of his journey with BUIITEMS.



**Welcome and Farewell Party**

On April 18, 2017, Department of International Relations organized a welcome and farewell party for the new inducted and graduating students at Arfa Kareem Expo Center BUIITEMS. Chief Guest of the party was Mr. Abdul Wadood, Chairperson Department of International Relations, BUIITEMS. Students from different semesters of the department participated in various capacities. Besides, the event included award of certificates to the positions holders of BS and MS programs from every semester. At the end certificates and prizes were also distributed to the winners and members of the organizing committee.



**Grab a Coffee**



Grab a Coffee, an entertaining event for all the faculty members for getting a chance to join at the faculty lounge of FICT for fundraising on part of the student activities, was organized by the Software Engineering Department on April 25, 2017. Students and faculty enjoyed this event and participated enthusiastically. It was a successful event for the department as it has pooled decent amount of fund. The Dean of FICT appreciated the efforts of students and teachers in this regard.

**Farewell and Welcome Party**

Welcome and farewell parties for students of Fall-2015 and Fall-2012 batches were organized on May 2, 2017 by the students and faculty member of Mining Engineering Department. Mr. Naqeebullah, Mr. Hakeem Khan and Mr. Saddam Hussain were the hosts. The event then followed with an Introduction, drama, mimicry, singing and Qawali and cultural musical instruments presentation.

The talented students were awarded by Engr. Zaheer Ahmed Kasi Chairperson of the Department, Prof. Dr. Mohammad Ali Shah, Prof. Dr. Abid Hussain and other faculty members. Students were later welcomed and motivated with best wishes by Engr. Saleem Raza Chalgri and Tufail Ahmed.



### **Farewell and Welcome Party**

Two welcome and farewell parties, simultaneously, were arranged by the Civil Engineering Department BUIITEMS one for students of Fall-2013 and other for Fall-2016 batches, on May 3, 2017. The parties were organized by the final year students at Arfa Karim Randhawa, Expo Centre, BUIITEMS.

Engr. Aamir Mehmood, (Chairperson Department of Civil Engineering), and Dr. Najam Malghani, (Dean Faculty of Engineering & Architecture) were the chief guest and the guest of honor, respectively. The event started with a slide show which was a recollection of pictures of outgoing students, singing competition, skits, musical chair show and much more that made the event enjoyable.



### **Graduation & Induction Ceremony of BBIEC**

The first graduation ceremony by BUIITEMS Business Incubation & Entrepreneurship Center (BBIEC) was held on May 4, 2017 at Pink Hall BUIITEMS. Its objective was to acknowledge young entrepreneurs of BBIEC’s 1st cohort incubated for 12 months, and to welcome the second cohort of entrepreneurs including nine startups and fourteen firms, respectively. Present at the event were graduated entrepreneurs, currently incubated cohort, guests from industry, students and faculty members.

The Chief Guest, Vice Chancellor BUIITEMS, Mr. Ahmed Farooq Bazai (SI), interacted with all the startups and appreciated their efforts. Prize distribution ceremony was also held for the winners of Business Idea Competition 2016.





### **Farewell and Welcome Party**

Faculty of Life Sciences & Informatics organized annual farewell/welcome party on May 23, 2017 at Arfa Karim Expo Centre BUIITEMS for the students of Biotechnology, Environmental Science and Microbiology. Vice Chancellor BUIITEMS, Mr. Ahmed Farooq Bazai was the chief guest. Students participated in different kinds of programs including Tablo, Chaap, Atthan, funny speeches and songs. Vice Chancellor wished all students good luck for their future endeavors and congratulated Dean for his efforts.



### **Farewell and Welcome Party**



On May 24, 2017, Department of Telecommunication Engineering arranged a get-together party in honor of the incoming students. Mateen Shahid & Saleh Yousafzai (students) hosted the event. The program started with recitation of the verses from Holy Quran, followed by rapid fire, singing, funny poetry dedicated to students, funny awards, tong twister, qawwali. The closing speech was given by the Chairperson Dr. Nasebullah Kakar and later on funny awards were distributed among the students and teachers. The event closed with group photos of graduating students with faculty.

### **Welcome party to Ph.D Scholars**

A get together party was arranged by the Department of Civil Engineering on August, 11, 2017 to welcome Scholars Dr. Saeedullah Jan Mandokhail and Dr. Zafar Lashari after completing their Ph.D in the field of Civil Engineering having their majors in Geo-Technical Engineering and Structural Engineering respectively from Hanyang University, South Korea.



### **Mehargarh to Quetta**

Regional Exhibition at Shaal Art Gallery was held on August 27, 2017. The title of the exhibition was “Mehargarh to Quetta”. The exhibition was inaugurated by Sardar Raza Muhammad Barrech, Advisor to CM on Information, Law, and Prosecution &IT. All faculty members of Fine Arts department from BUIITEMS participated in the exhibition. There were various types of art pieces like Paintings, Sculptures and Printmaking. The exhibition was organized by PNCA (Pakistan National Council of the Arts Islamabad) at regional level, the same will be displayed at national level. The Exhibition was true reflection of Baluchistan. This Show was commanded by Art lovers and from every work of life.



### **Independence Day Celebration**

The IEEE Student Branch BUIITEMS arranged a cake cutting ceremony for Independence Day at Training Hall, FICT BUIITEMS on 29th August, 2017 from 11:00 to 2:00pm. Chairpersons, Faculty members and students from different departments participated in the event.

Dr Bakhtiar Kasi addressed the students and motivated them to analyze their roles in the development of country as youth is the leaders of tomorrow, and welcomed the new members of the IEEE. In the end lucky draw was conducted for the reimbursement of IEEE registration fee.



## Welcoming of new students of FICT Fall 2017 & Celebration of IEEE Day

The IEEE Student Branch BUIITEMS arranged a welcome session to the new students of fall 2017 on October 03, 2017 at Green Hall BUIITEMS. The purpose of event was to inform the new students with different facilities of BUIITEMS such as; medical, transport and security. The event began with the recitation of Holy Quran and proceeded with the introduction of IEEE to the students. Chairpersons from different departments attended the event; they addressed the audience and explained the different rules and policies of BUIITEMS. Staff from medical and transport section also briefed the students about the medical and transport facility. The event ended with the Q/A session and a thanking note.



## Thesis Show 2017 of fall 13

The Fine Arts Department BUIITEMS organized their 3<sup>rd</sup> thesis display on October 5<sup>th</sup> 2017 to coincide BUIITEMS 15<sup>th</sup> year anniversary. The Honorable Vice Chancellor BUIITEMS, Ahmed Farooq Bazai (SI) inaugurated the exhibition. The exhibits displayed the work of 5 students who successfully completed their bachelor program. Distinguished guests were Commissioner FBR, Mr Sahibzada Abdul Mateen who attended along with his colleagues. The exhibition was visited by students from the City School, SBK Women’s University, as well as friends and family of the final year students.



**Welcome Party**

On October 24<sup>th</sup>, 2017, the Chemistry Department arranged a party to celebrate the year BS program Completion as well as to welcome the new batch of Students. Dr. Muhammad Nawaz, chairperson Chemistry Department was the chief guest.



**Dinner hosted by Chairman PCATP**

Chairman PCATP Ar. Asad I. A. Khan hosted a dinner for architects based in Quetta on November 8, 2017. Architects established at Quetta Development Authority (QDA), senior practicing field architects and those serving as faculty members at BUIITEMS were all invited at the dinner. The dinner was hosted at Usmania Restaurant Quetta. Twenty-seven architects attended the dinner.

Chairman PCATP discussed the nature of architecture practice in the private and public sector in Balochistan. He appreciated the contribution of the architecture community in the region and thanked all for attending the dinner.



**Coffee & Donuts**

The WIE BUIITEMS chapter with the collaboration of IEEE Student Branch BUIITEMS arranged a coffee and donuts event at FICT BUIITEMS on November 23, 2017.

Members organized a stall having deal of coffee with donuts. The session was open for every student and faculty member. The great taste of the coffee was a reflection of the efforts of the organizers of the event.



### BBIEC’s Contract Signing Ceremony

The BUIITEMS Business Incubation and Entrepreneurship (BBIEC) conducted a contract signing ceremony with its 1<sup>st</sup> cohort of 18 micro-entrepreneurs under BBIEC – Karandaaz Incubation Program on December 04, 2017.

Executive Manager BBIEC Mr. Nisar Ahmed congratulated and assured all startups of support in the establishment and successful running of their businesses. The micro entrepreneurs came from different areas of Balochistan such as Washuk, Turbat, Loralai, Dera Murad Jamali, Quetta, Khuzdar, and Pishin.



### Farewell and Welcome Party 2017

On December 12, 2017, students of Department of Architecture organized a party to bid farewell to the graduating batch of fall 2012 and welcome freshmen batch of fall 2017. The theme of the party was truck art and all the decorations were carried out to honor Pakistan’s famous truck art. The function began with various acts prepared by students. A slide show for the graduating batch was prepared as a gift to remember the time they have spent in the university. Graduating students shared their experiences at university during their undergrad life. They expressed deep love and gratitude to their teachers.

Ar. Jalal Faisal, chairperson, Department of Architecture congratulated the graduating batch and wished them success in their professional lives.







# Exhibitions



**Solo Exhibition**

Mr. Naseebullah Khan, studio in-charge Fine Arts department BUIITEMS, exhibited his solo exhibition at BUIITEMS art gallery Takatu campus, Quetta on May 12, 2017. The Vice Chancellor BUIITEMS Ahmed Farooq Bazai (SI) inaugurated the exhibition. Naseebullah’s paintings showcased different colors of Balochistan encompassing the majestic mountains and colorful landscapes depicting the local lifestyle as well as capturing the culture. The exhibition was attended by art lovers from all walks of life where visitors enjoyed and appreciated the art work. The event was widely covered by the print media.

The main focus of Naseebullah’s work was to show status of woman in Balochistan.



**ICT Undergraduate Research Colloquium 2017**

Faculty of Information and Technology, BUIITEMS in collaboration with USEFP Pakistan organized –3rd Final Year Projects Poster Exhibition at Sir Syed Block, Takatu Campus, BUIITEMS on September 20, 2017. ICT Undergraduate Research Colloquium (URC) is the platform provided to encourage final year students to present their original research work. Students from various departments participated in the event. Students presented the outcome of their one year long hard work theme of the project to their fellow students, faculty members and respective judges. The students expressed their posters through color and form, accompanied with relative captions and slogans. The winners received financial rewards of 12000 and 10000 rupees respectively which were distributed by the Vice Chancellor of BUIITEMS Engr. Ahmed Farooq Bazai (SI). Certificates were also distributed among participating students.





**BUITEMS Participation in RANGREZ, 2017**

Art exhibition and competition was organized by the Scouts Youth Council at Balochistan Boy Scouts Association on November 26th, 2017. This competition was attended by the students of BUITEMS from Department of Architecture and Fine Arts.

Samana Batool, 7th Semester student from Department of Architecture, BUITEMS, won the 3rd prize in the competition. Students learnt new methods and techniques of sketching and drawing. Participants also interacted with people from different schools of thought. Ar. Adeel Zahoor, lecturer Department of Architecture BUITEMS, was the focal person for the event.



**Multimedia Application Projects Exhibition**

The Department of Software Engineering organized a project exhibition of Multimedia Applications at Sir Syed Ahmed Block, Takatu Campus, BUITEMS, on 27th November 2017.

Projects were displayed by the students of Software Engineering 7th semester. Projects were all about the concept of green screen, where students made number of creative videos behind the green screen and edited them by using different software.

A panel of teachers from different departments visited the exhibition and appreciated the hard work of the students



## Quetta Literary Festival

BUIITEMS organized the first Quetta Literary Festival on 7<sup>th</sup> & 8<sup>th</sup> of May 2018 with the help of Government of Balochistan, HEC, The Serena Hotels and the civil society. Literary festivals are events to celebrate all themes related to life and art. The purpose of organizing this festival was to introduce mainstream intellectual debate to the city of Quetta and cascade the talent that the city has to offer. The event included the themes of Language, Literature & Culture, Economic Development & the Illusion of Progress, Fine Art & Film Making, Contemporary trends in Journalism and Gender Representation. The festival also provided a forum to the young and emerging writers, film makers and artistic to showcase their talent and share ideas.



The event provided Quetta based writers and artists with a platform to share their intellectual prowess and struggle. The response from the civil society vouches for the attention the festival received. From intellectual community to culinary experiences, from film screening to local music, and a book-fair, the event provided a completely different experience. One of the purpose of arranging this

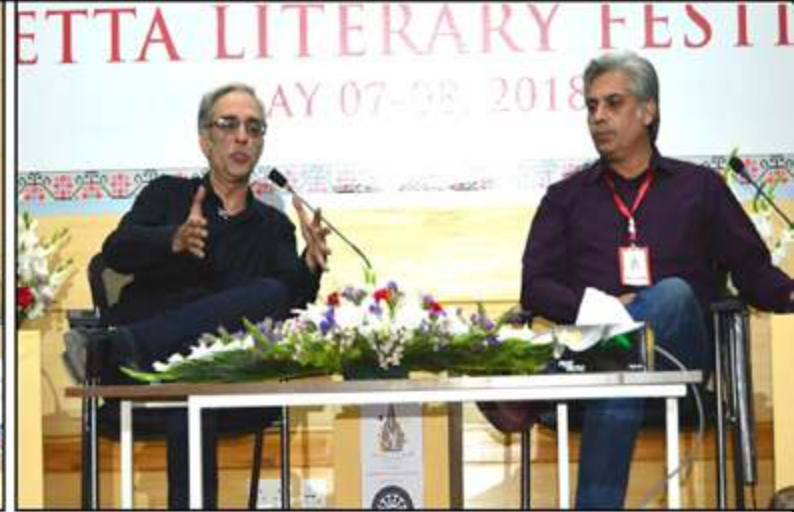
festival was also to alter the perception about Quetta city. With a blackout of mainstream media, the city does not receive its due share of positive press. In this regard, the event was very well received by both the guests and media. The festival trended over social media and attracted a larger crowd. The event ended on a festive note with a musical concert.



Website: <http://www.quettalf.org/>

Twitter: @QuettaLF

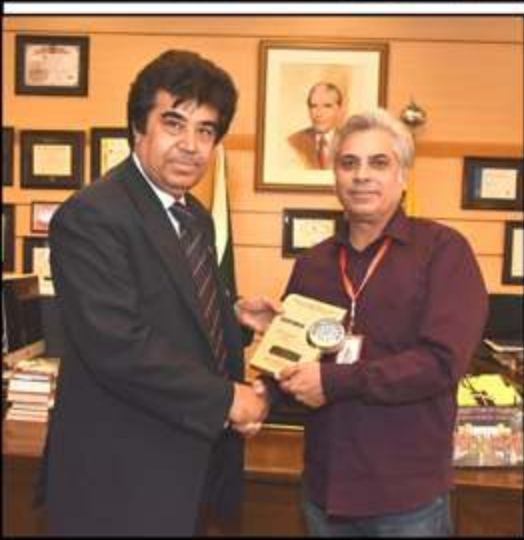
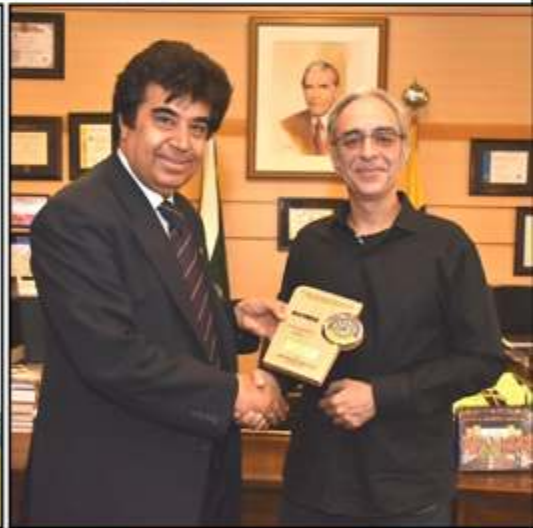
Facebook: <https://www.facebook.com/QuettaLF/>





# QUETTA LITERARY FESTIVAL





## Quality Policy Statement

**BUIITEMS** 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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