

HUB for SDG 8



2018-2021

# ANNUAL REPORT 2018



## DECENT WORK AND ECONOMIC GROWTH



# 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

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

## Foreword

Pakistan is a nation of young people. The National Human Development Report (NHDR, 2017) identifies that 64% of the population of Pakistan is under the age of 30, which translates into monumental energy in terms of human capita. However, it is unconditionally crucial to give this energy a direction, a resolve and opportunity to realize its potential. Universities and other HEI's have an inherent role to engage the youth through active academic and professional development. Apart from the academic progress, the development of ethical and social responsibility, and an understanding of the contemporary milieu is one of the implied goals of the hubs of higher education.

At BUIITEMS, we have always been conscious of the responsibility that vests in us as a hub of education. The mere fact that currently, BUIITEMS has engaged almost 11,000 young scholars in the process of becoming responsible global citizens is a testament of our commitment to purpose. In a province that is at the cusp of receiving a major economic and cultural influx through CPEC, we realize that we are massively unprepared. And to this end, in our own capacity we are making every effort possible to prepare the youth.



The city of Quetta saw the first Quetta Literary Festival in the year 2018, through the unequalled efforts of the BUIITEMS Family and the civil society of Balochistan. The purpose was to introduce the current intellectual dialogue and aesthetic trends into the city, simultaneously promoting the talent that went under the radar for long. The response was phenomenal, and more than anything the vigilance and understanding that the youth showed, was truly commendable.

BUIITEMS also initiated an important project of the National Incubation Center that came to bloom in the year 2018 through the efforts of a dedicated team. Moreover, the CPEC Center of Excellence is another such project that is aimed at creating prolific opportunities for the youth of Pakistan. As a 16 years young public sector University, BUIITEMS has achieved unimaginable milestones, and we have no plans of slowing down. In recognition of the efforts that BUIITEMS has been extending in the area, UNAI declared BUIITEMS as the Hub of their Sustainable Development Goal-8: Decent Work & Economic Growth. This speaks volume in terms of the trust that BUIITEMS has gained nationwide and internationally.

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



# CONTENTS

❖ Foreword	3
❖ Introduction	6
❖ Awards and Honors	9
❖ BUIITEMS Senate	12
❖ BUIITEMS Syndicate	13
❖ BUIITEMS Selection Board	14
❖ University Organogram	15
❖ Faculty & Student Strength	17
❖ Academic Milestones	23
❖ BUIITEMS Building Leadership	25
❖ Meetings	35
❖ Visits and Study Tours	43
❖ Research & Development	53
❖ BUIITEMS Publications	65
<i>Newsletters</i>	66
• <i>Annual Reports</i>	67
❖ BUIITEMS Research Journals	68
❖ Conferences	69
❖ Seminars	77
❖ Workshops	85
❖ Trainings	93
❖ Achievements	107
❖ Competitions	115
❖ Directorates	123
• <i>Office of Research Innovation and Commercialization (ORIC)</i>	124
• <i>Directorate of University Advancement &amp; Financial Assistance</i>	153
• <i>Directorate of Human Resource Development</i>	170
• <i>Directorate of Sports</i>	188
• <i>Directorate of Quality Enhancement &amp; Accreditation</i>	202
• <i>Directorate of Information Technology</i>	208
❖ BUIITEMS Financial Review	210
❖ National Incubation Center (NIC) Quetta	211
❖ BUIITEMS Medical Center	223
❖ 14th Convocation	226
❖ Infrastructure Development	235
❖ BUIITEMS Building Communities	241
❖ Ceremonies	253
❖ Exhibitions	261
❖ Success Stories	263

## Introduction

That universities today are not merely places of learning and exchange of ideas but also of social and cultural innovation and job creation is a fact beyond doubt. No longer can universities afford to operate in seclusion shutting eyes to the demands of the place they are situation in. Baluchistan University of IT, Engineering and Management Sciences (BUIITEMS), is a case in point when it comes to the academia linking up with the broader socio-economic realities for the betterment of the latter. In this context, the year 2018 was an eventful one for BUIITEMS on account of the successful initiation of National Incubation Center (NIC), Quetta, the arrangement of the Quetta Literary Festival (QLF), and other sports, music and related activities for the development and participation of youth.



Considering it the treasure trove of a nation's growth and prosperity, BUIITEMS believes that youth can do wonders if provided with the right platform and opportunity. That is one of the prime reasons why BUIITEMS, in its capacity as a socially responsible educational institution, has been selected as the



United Nations Academic Impact (UNAI)'s Hub for Sustainable Development Goals (SDG's)-8, in the area of *Decent Work and Economic Growth*. At BUIITEMS, the guiding principle is the creation of a space conducive to the socio-economic uplift of the people. With the UNAI's recognition, BUIITEMS' approach is now global.

Building on these foundation stones, a bird's eye view of the website of NIC, BUIITEMS, reveals that a plethora of business companies have either graduated or have been incubated in this state-of-the-art establishment located in the heart of the Takatu campus. Besides, the NIC has also raised a hefty amount in investments and contributed towards job creation for the bright youth of the province.

Ambitious youth of the province can be seen working under the inspiring mentorship of experts and professionals from Pakistan and abroad hewing out their raw and promising concepts into well-wrought potential business ventures.

The NIC has also taken significant leaps in the domain of preparing young minds to have their mental tool-kit ready for taking up various jobs in the real world. Once out of the door of the NIC, these young men have gone



on to attain significant feats for the well-being of those around them as well as their larger communities. All these laurels achieved by the NIC are in sync with the SDG 'Decent Work and Economic Growth' as set out by the UN. Hence, in this way BUIITEMS demonstrates that it is cognizant of its duty towards the architects of the nation and is tapping into their inexhaustible talent for the progress of the society at large.

Not just that, this past year also witnessed the organization of 1st *Quetta Literary Festival (QLF)* where intellectuals, writers, policy makers, artists, analysts and researchers from all over the country converged in Quetta for an event on topics related to arts, folklore, literature, politics, current affairs etc. This Festival encouraged a debate on diverse and critical issues among young men and women from all strata of the intellectual and political landscape. Participants were treated to enlightening discussions, performances and exhibitions by the established and budding literati and analysts.

It was also an occasion for young people to engage in the trading of thoughts and experiences and work out plans for collaboration in future. QLF, thus, served as a space for the interaction and enjoyment of people of all groups and ages. To cap it off, BUIITEMS also hosted a number of music festivals, arts exhibitions and sports galas in the year 2018. Although primarily catering to the aesthetics and enjoyment of the province's youth, the underlying purpose was to promote harmony, peace and prosperity in the realm of Quetta city and beyond. If there is one thing that these events highlighted, it is the fact that if given productive and timely opportunities, youth in Baluchistan can stand neck and neck with those of the finest nations in the world.

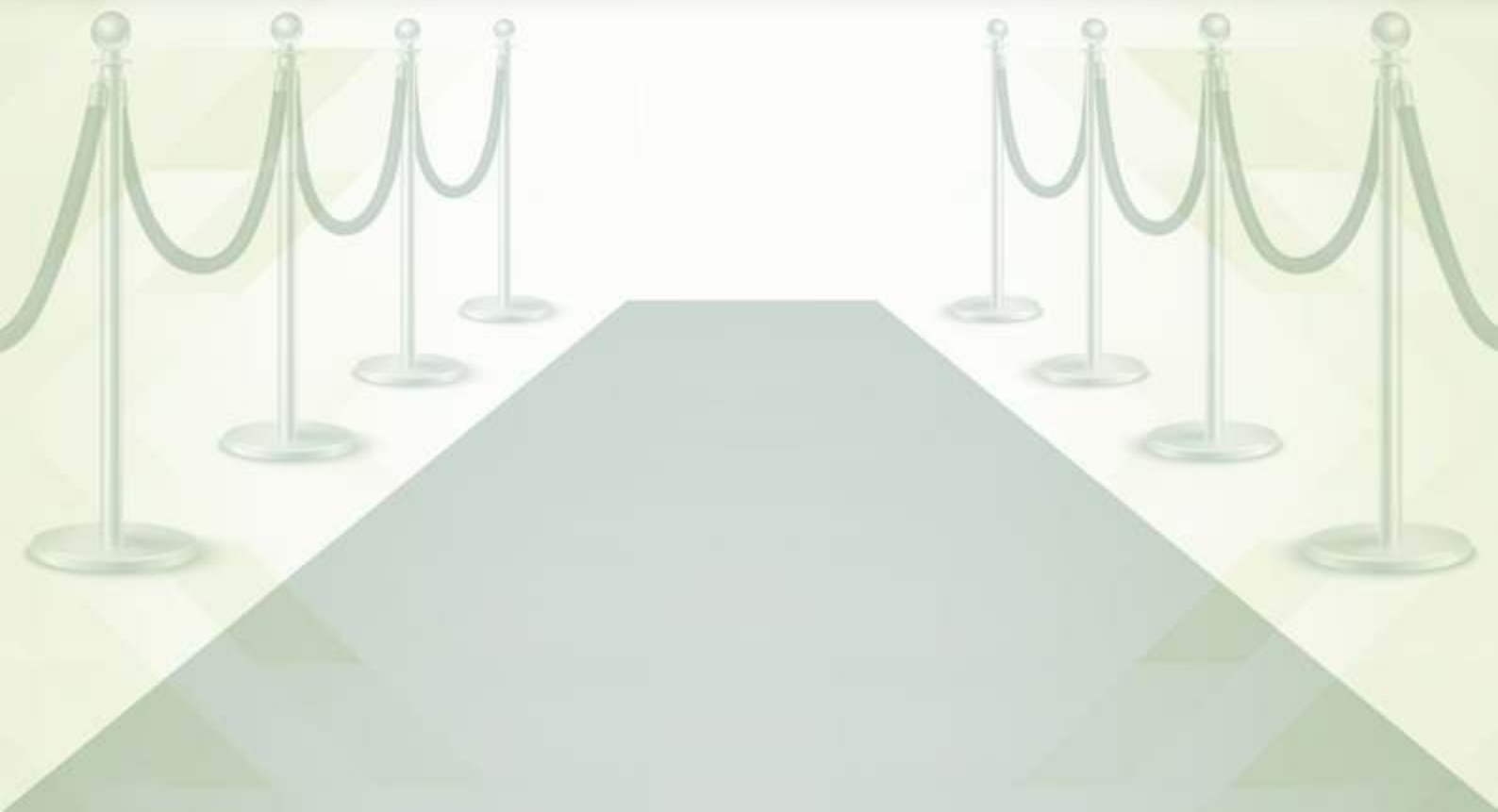








# **AWARDS & HONORS**



### Best Teacher Award

Associate Professor from Department of Biotechnology BUIITEMS, Dr. Abdul Wali Tareen, was awarded the “HEC Best University Teacher Award” for the year 2016. This prestigious award was bestowed to outstanding university teachers in recognition of their contribution towards teaching and quality research. The award ceremony was organized by HEC at Islamabad on February 21, 2018 and was attended by Minister for Federal Education and Professional Training Mr. Baligh ur Rahman, HEC Chairman Prof. Dr. Mukhtar Ahmed and Vice Chancellors of different Universities.



### The Best Research Paper Award



Dr. Naseebullah kakar, from the Department of Biotechnology was conferred “The Best Research Paper Award” at a ceremony held on March 01, 2018 at HEC, Islamabad. HEC confers nine awards biannually in four disciplines to acknowledge the outstanding research of the Pakistani faculty and researchers. Dr. Kakar received the award in the “Health Sciences” discipline for his work titled “Exome sequencing and CRISPR/Cas genome editing identify

mutations of ZAK as a cause of limb defects in humans and mice” published in “Genome Research 2016/Volume 26”.

This thread of collaborative work focused on the discovery of a new disease causing gene in humans and the use of next-generation genome editing tool known as CRISPR/Cas in mice. The approach holds the promise to contribute to a paradigmatic shift in the investigation of monogenic disorders in humans. The work highlights the use of this latest technology to assign causality to human mutations in the mouse in less than 10 weeks. Mr. Rana Tanveer Hussain, Federal Minister for Science and Technology along with Dr. Mukhtar Ahmed, Chairman HEC graced the award ceremony and conferred awards among the scientists. Dr. Naseebullah Kakar expressed his great pleasure to receive this award for his research paper published in the journal with high impact factor.



## Best Paper Award in TANN 18, Canada

Dr. Shaista Taimur, PhD materials engineering, Assistant Professor in Chemistry Department, presented her paper of “Synthesis and characterization of polystyrene grafted Nano hybrids by graft polymerization” that won the best paper award in the 2nd International Conference on Theoretical and Applied Nanoscience and Nanotechnology (TANN 18) held in Niagara Falls, Ontario, Canada on June 10-12, 2018. The conference was organized by International Academy of Science, Engineering and Technology (International ASET). Her paper would be published in IJTAN International Journal of Theoretical and Applied Nanotechnology), a leading International Journal.



Her achievement is testament to the fact that Pakistan is producing high quality researchers that stand at par to their international counterparts and deliver outstanding research that will be employed in the development of their respective field of study and commercial success.



# 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.



**Member**  
Mr. Amanullah Yaseenzai  
Governor Balochistan /  
Chancellor BUIITEMS



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



**Member**  
Dr. Faisal Ahmed Khan  
Pro Vice Chancellor  
BUIITEMS



**Member**  
Mr. Syed Jamal Shah  
Director General, PNCA



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



**Member**  
Mr. Asghar Khan Achakzai  
MPA, Provincial Assembly  
Balochistan



**Member**  
Dr. Rubaba Khan Buledi  
MPA, Provincial Assembly  
Balochistan



**Member**  
Mr. Naseebullah Khan  
Principal Secretary to  
Governor



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



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



**Member**  
Mr. Abdul Saboor Kakar  
Secretary Higher & Technical  
Education



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



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



**Member**  
Dr. Jan Muhammad  
Dean/Professor FABS,  
BUIITEMS



**Member**  
Ms. Bushra Naeem  
Associate Professor  
BUIITEMS



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



**Member**  
Dr. Anjum Pervaiz  
Registrar, SBKWU Quetta



**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. Faisal Ahmed Khan  
Pro Vice Chancellor  
BUIEMS



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



**Member**  
Dr. Tariq  
Dean Faculty of Management  
Sciences, 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. Muhammad Mushtaq  
Professor Faculty of Life  
Sciences and Informatics,  
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 Faiz  
Treasurer, BUIEMS



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

# BUIITEMS SELECTION BOARD

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



**Chairman**

Engr. Ahmed Farooq Bazai (SI)  
Vice Chancellor  
BUIITEMS



**Member**

Dr. Rukhsana Jabeen  
Vice Chancellor  
SBKWU, Quetta.



**Member**

Dr. Dost Muhammad Baloch  
Vice Chancellor  
LUWAMS, Uthal



**Member**

Dr. Maqsood Ahmed  
Vice Chancellor  
University of Loralai



**Member**

Mr. Muhammad Afzal Kasi  
Member Balochistan Public  
Service Commission, Quetta



**Member**

Dr. Nahed Sajjad  
Assistant Professor  
SBKW University



**Member**

Dr. Kamran Sami  
Dean/ Professor Faculty of  
Engineering, BUIITEMS



**Member**

Dr. Jan Muhammad  
Dean Faculty of Arts and Basic  
Sciences, BUIITEMS



**Member**

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**Member**

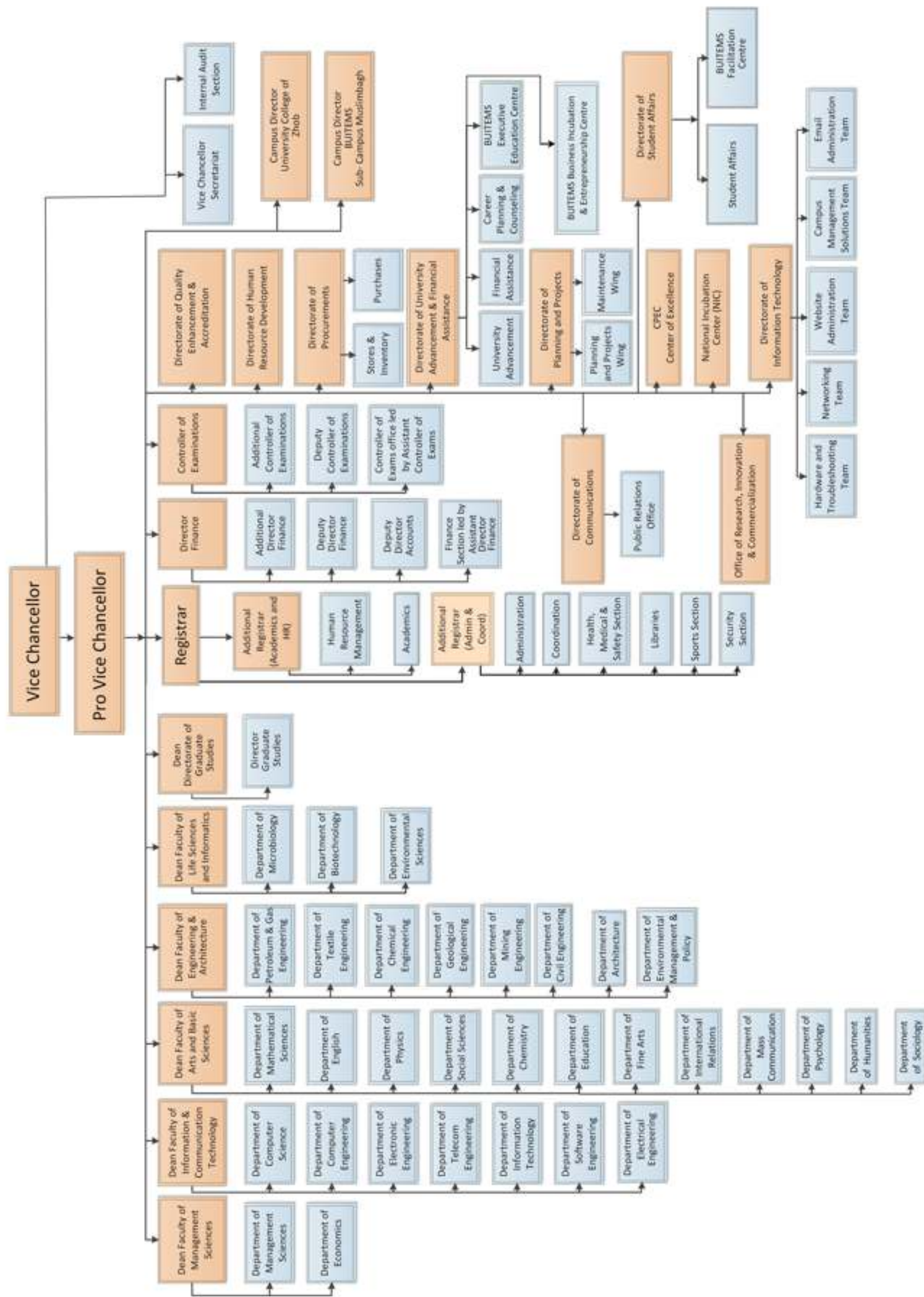
Dr. Faisal Ahmed Khan  
Pro Vice Chancellor  
BUIITEMS

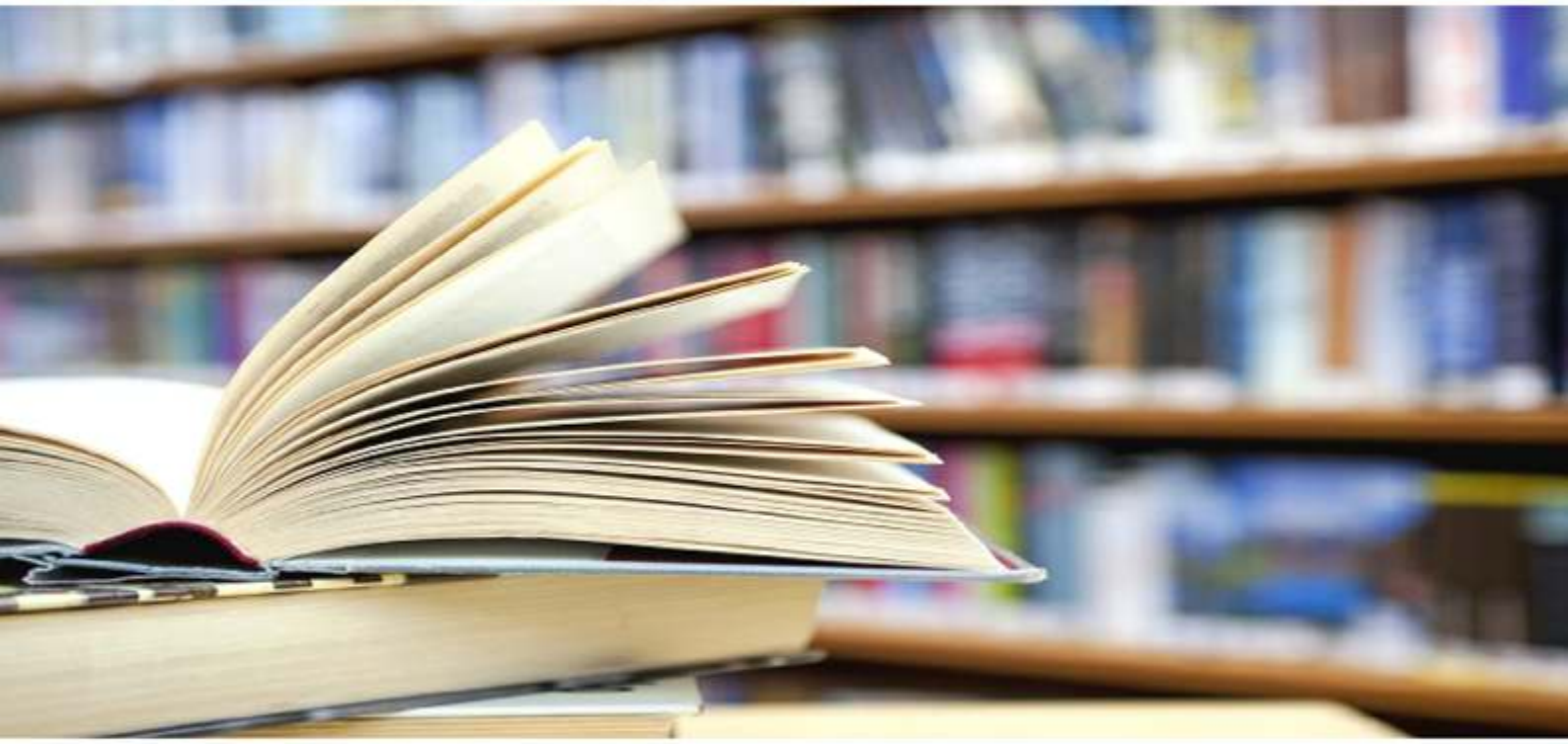


**Secretary**

Mr. Jamal Mustafa  
Registrar, BUIITEMS

# ORGANOGRAM OF THE UNIVERSITY









# **Faculty & Student Strength**



# Faculty Strength

Teaching Faculty Positions till December- 2018

## Faculty of Information and Communication Technology

S.No.	Name of Department	No. of Faculty Members
1	Electronic Engineerring	22
2	Computer Science	31
3	Computer Engineerring	17
4	Information Technology	12
5	Telecom Engineerring	18
6	Software Engineerring	09
7	Electrical Engineerring	16
<b>Total</b>		<b>125</b>

## Faculty of Management Sciences

S.No.	Name of Department	No. of Faculty Members
1	Management Sciences	59
2	Economics	29
<b>Total</b>		<b>88</b>

## Faculty of Life Sciences & Informatics

S.No.	Name of Department	No. of Faculty Members
1	Biotechnology & Informatics	36
2	Environmental Science	07
3	Microbiology	16
<b>Total</b>		<b>59</b>

### Faculty of Engineering & Architecture

S.No.	Name of Department	No. of Faculty Members
1	Mechanical Engineering	07
2	Chemical Engineering	23
3	Textile Engineering	18
4	Mining Engineering	19
5	Geological Engineering	12
6	Petroleum & Gas Engineering	17
7	Civil Engineering	33
8	Architecture	20
9	Environmental Management & Policy	08
<b>Total</b>		<b>157</b>

### Faculty of Arts & Basic Sciences

S.No.	Name of Department	No. of Faculty Members
1	Mathematical Sciences (Mathematics)	29
2	Mathematical Sciences (Statistics)	9
3	Physics	21
4	English	32
5	Psychology	8
	Humanities (Islamic Studies)	10
6	Humanities (Pakistan Studies)	12
7	Chemistry	17
8	International Relations	19
11	Sociology	14
	Education	4
12	Fine Arts	13
13	Mass Communication	10
<b>Total</b>		<b>198</b>
<b>GRAND TOTAL</b>		<b>627</b>

# Student Strength

## Faculty wise enrolled students till (Fall-2018)

Faculty of Engineering & Architecture			
Department	Male	Female	Total
Civil Engineering	426	44	470
Petroleum & Gas Engineering	357	14	371
Chemical Engineering	417	10	427
Mining Engineering	338	04	342
Geological Engineering	225	13	238
Textile Engineering	249	14	263
Mechanical Engineering	214	01	215
Architecture	169	74	243
BS Fashion and Textile Engineering	05	24	29
<b>Total</b>	<b>2400</b>	<b>198</b>	<b>2598</b>

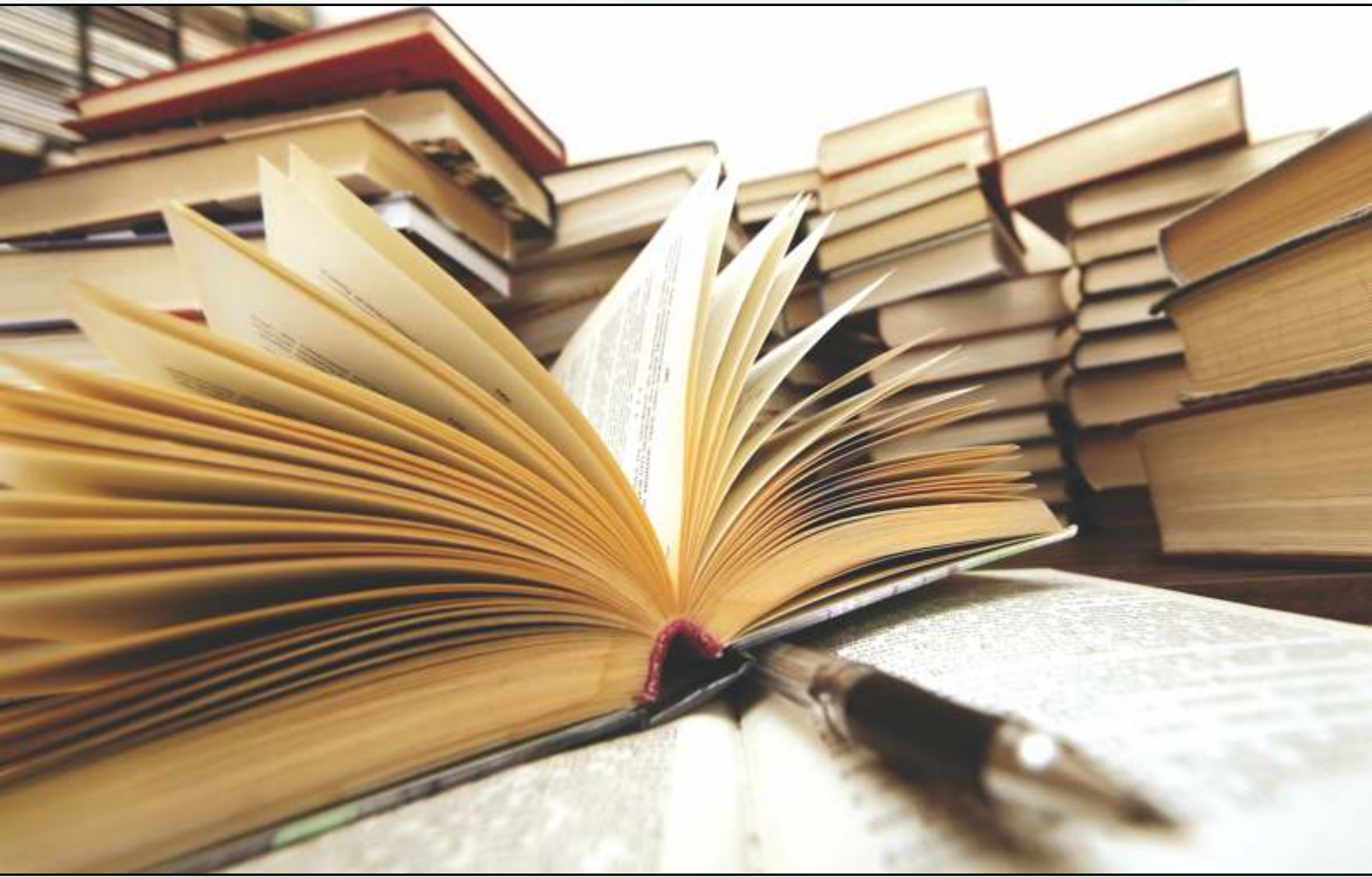
Faculty of Information & Communication Technology			
Department	Male	Female	Total
Electrical Engineering	423	30	453
Electronics Engineering	556	85	641
Computer Engineering	389	45	434
Telecommunication Engineering	630	33	663
Software Engineering	317	42	359
Information Technology	418	66	484
Computer Science	423	105	528
<b>Total</b>	<b>3156</b>	<b>406</b>	<b>3562</b>

Faculty of Arts & Basic Sciences			
Department	Male	Female	Total
Mathematics	79	23	102
Physics	131	25	156
Chemistry	37	19	56
Mass Communication	242	67	309
International Relations	370	39	409
English	212	74	286
Fine Arts	61	60	121
Sociology	94	26	120
Education	37	22	59
Psychology	27	38	65
<b>Total</b>	<b>1290</b>	<b>393</b>	<b>1683</b>

Faculty of Management Sciences			
Department	Male	Female	Total
Management Sciences (MS, PhD)	87	20	107
Management Sciences (MBA)	672	181	853
Bachelor of Business Administration	689	211	900
Economics	285	32	317
Public Administration	36	06	42
<b>Total</b>	<b>1769</b>	<b>450</b>	<b>2219</b>

Faculty Life Sciences & Informatics			
Department	Male	Female	Total
Biotechnology & information	296	149	445
Microbiology	149	95	244
Environmental Science	51	27	78
Environmental Management & Policy	61	14	75
<b>Total</b>	<b>557</b>	<b>285</b>	<b>842</b>
<b>Grand Total</b>	<b>9172</b>	<b>1732</b>	<b>10904</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***14<sup>th</sup> Convocation***20<sup>th</sup> December 2018**Justice (Retd) Amanullah Khan  
Yasinzai*





# **BUIITEMS**

**BUILDING LEADERSHIP**



## GRE Mock



BUITEMS in collaboration with USEFP organized GRE International Mock Examinations from March 26-29, 2018 in BUITEMS, Takatu Campus. A total of four hundred and six students/ faculty members participated in the GRE Mock Examination from Sardar Bahadur Khan Women University, Quetta, University of Balochistan, Quetta, US-Pakistan Knowledge Corridor applicants and BUITEMS.

The GRE mock examination was to allow students from Balochistan to experience taking the examination in

real environment conditions, without the burden of travelling to centers in Lahore, Karachi or Islamabad. The top 5 performers received free test vouchers (4 from BUITEMS 1 SBKWU), 11 participants had scored above 300 and were encouraged to apply for the full bright scholarship 2019.



BUITEMS appreciated the USEFP staff for their visit and arrangement of the mock examinations as well as the administration of the participating universities. Another mock examination was also conducted in Fall 2018 at BUITEMS

## Fulbright Scholarship Information Session



A Fulbright Scholarship Information Session was organized by BUITEMS in collaboration with USEFP and was held on April 3-4, 2018 in SBKWU, UOB, BUITEMS and a DVC session with universities in Lasbella, Khuzdar and Turbat. Mr Syed Faraz from USEFP briefed the audience about the Fulbright program. The importance of the GRE, personal statement and research proposal was thoroughly discussed. BUITEMS thanked USEFP, participating institutions and the BUITEMS administration for their support in the conduction of the session.



## Eid at SOS Children's Village

Visiting the children at the SOS Children Home on Eid has become a tradition for BUIITEMS faculty and students. This year Neil, his fellow alumni and their instructor Ms. Khalida Durrani was joined with students of BSBA 8th and Lahore Grammar School.

The children enjoyed the usual Eid treats of camel rides; *Gola* and *Gol gappay* stands, a round of football and singing competition with the visitors. The Director of SOS Mr. Aurangzaib appreciated the efforts of the students for making their Eid extra special. The continuing visits to SOS is a testament to all those who instill civic responsibility to their students who pass the teachings along to those they meet.



## Engineering Surveying Camp

A one week Field Survey training session for the civil engineering students of batch fall 2014 was organized by their department from 2nd July, 2018 to 6th July, 2018. Coordinated by Dr. Saeed Ullah Jan and Engr. Shiva Nath, supervised by faculty and lab staff. The training included different field projects of civil engineering such as triangulation, fly leveling, road surveying, horizontal curves etc. and ended with the plotting work.



## Interactive Session for Preparing the Potential Proposal for Technology Development Fund of the Higher Education Commission

The Office of Research Innovation and Commercialization (ORIC) arranged an interactive session that was held on the July 11th, 2018 in training hall BUIITEMS. The purpose was to create awareness and facilitate the faculty members regarding the funding opportunities announced by HEC.

The Director ORIC Prof Dr. Muhammad Naeem Shahwani, began stating that HEC would fund Rs13 million for projects under TDF. Dr. Ali Nawaz Mengal was next to present how to write and submit a proposal for TDF. Lastly, Dr. Mujtaba Elahi discussed the technical aspects of the TDF. 25 faculty members from attended the session.



## Lecture on “The Current Trends of Media Languages” by BBC Reporter Ms. Anyanna Ndukwe



Ms. Anyanna Ndukwe, London based BBC reporter and media expert, was invited to deliver a lecture on the topic "the current trends of media languages" on July 12, 2018 by the Department of Mass Communication. Her lecture comprised of a comparison of the UK and Pakistani media practices and a number of examples were mentioned with respect to western media mediatization theory following the process of news reporting. The lecture highlighted how media is shaped according to culture, religion, language, economic status, global political system, and most importantly, race. The lecture came to an end with an

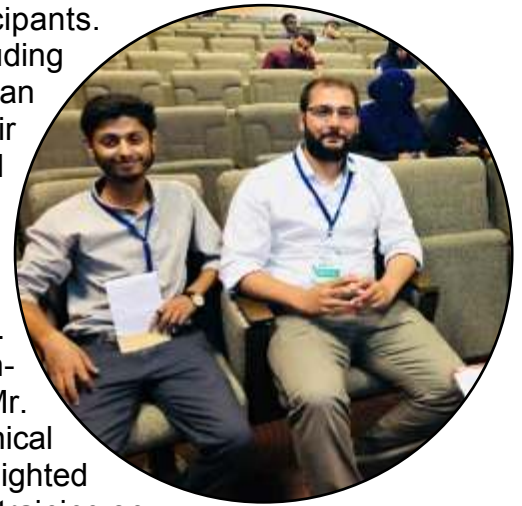
intensive Q&A session. Ms. Anyanna thanked everybody, the chairperson, the dean and the Vice Chancellor for their impressive efforts for scholarly activities, and promised to deliver another informative lecture in the near future.



## Volunteer Leadership Training

The IEEE Branch Counselor Dr. Bushra Naeem, IEEE coordinator, Mr. Raza Ali and IEEE Student Branch members including Chair, Zain Nadeem, Vice Chair, Muhammad Asim Electronic Eng. department, and WIE Chair Hira Mohiuddin, Software Eng. department attended a training session on Volunteer leadership and Student Professional Awareness Activities at Institute of Business Management (IoBM), Karachi on 12th August, 2018.

Engr. Khalid Bin Muhammad, IoBM welcomed the participants. keynote speeches were delivered by various speakers including Engr. Saqib Munawar, Engr. Parkash Iohana and Engr. Hassan Idrees, who discussed how IEEE can help students to build their careers?, Humanitarian Challenges through Technology, and Importance of Email Communication.



Prof. Dr. Tariq Rahim Soomro presented on achieving professionalism through ethics and section norms, in which he discussed the complete IEEE code of Ethics. Prof Dr. Muhammad Shahab Siddiqui highlighted the IEEE Pakistan-Future challenges and opportunities. The keynote speaker Mr. Haris Bin Ashraf and Ms. Saira Amir discussed the IEEE Technical Chapter and Women in Engineering Affinity Groups and highlighted their importance. Branch counselors were provided hands-on training on IEEE reporting tools. The session ended with a thank you note from the honorable chief guest Dr. Muhammad Shahid Sheikh and certificate and souvenir distribution.

## Fundamentals of Research Process for Effective Research Article Writing

Despite the progress in the quality of research publication in Pakistan, many young scholars face rejection from renowned journals. To address this issue the department of education organized a one day workshop on **Fundamentals of Research Process for Effective Writing of Research Articles**” on 24th September, 2018 at Training Hall and HBL lab, for the faculty, MS & PhD students of FABS.



The purpose of the workshop was to cover the fundamentals of the research process in order to write high quality research articles for publication. The resource persons were as follows;

### **RESOURCE PERSONS**

Dr. Liaqat Channa, Associate Professor BUIITEMS

Dr. Syed Abdul Mannan, Associate Professor BUIITEMS

Dr. Rani Gul, Assistant Professor, BUIITEMS

## Global UGRAD Program Awareness Session Initiative

A UGRAD Cultural Exchange Program Awareness Session was organized by the Department of Mathematical Sciences. The first session was held on September 26, 2018 at Tatak Campus BUIITEMS and the resources persons were UGRAD alumni and BUIITEMS faculty members Ms. Rasham Chaudry (Mathematical Sciences) and Ms. Laiba Burq (English). Ms. Laiba discussed the application process with the audience while Ms. Rasham presented how to write an excellent personal statement. The session ended with a thank you note from the Chairperson of Department of Mathematical Sciences and encouragement for the students to apply to this Program.



## Video Lecture on Pakistani English Poetry Journey from Pre- Independence to 21st Century

The English department held a video lecture delivered by Muhammad Athar Tahir on October 12, 2018. An eminent poet with six award winning poetry collections, ten books on Art, four prose books, one fiction, five anthologies of Pakistani Poetry in English, one translation, one children book and a book on Natural History. His lecture brought a virtual journey from Pre Independence poetry to the 21st Century poetry signifying the use of Pakistani idioms that has made English a 'glocal' language.



## Global Undergraduate Exchange Program (UGRAD)

A session on the UGRAD Global Undergraduate Exchange Program was organized for the undergraduate students of Chemistry by Dr. Tasneem Zehra, Assistant Professor on October 15, 2018. Ms. Saniya Ashraf, UGRAD alumni shared her experience of her application process and who has won the full bright scholarship to study her masters in the US as well. The session ended with a Q&A and Dr. Nawaz chairperson Chemistry Department thanking her for the presentation.





## Unilever Pakistan Limited Interactive session

Unilever Pakistan Limited with BUIITEMS Financial Aid Office arranged a two-day interactive marketing session in BUIITEMS on October 25-26, 2018. The session included various interactive marketing activities of Unilever products i.e. (Rafhan, Life Buoy and Fair & Lovely) for the female students. The session concluded with the award of gift hampers to the winners of each activity and 8 girls won scholarships through a lucky draw from Life buoy.

## Scholarship Awareness Session

IEEE student branch BUIITEMS arranged Scholarship awareness session on 25th of October 2018 at BUIITEMS. For the session Dr. Nadeem, Dr. Muhammad Akram, Engr. Rahim Shah were invited to share their experience in the application of foreign scholarships and their importance. Dr. Faisal Khan also shared his experience of scholarship. The event ended with the thanking note by Dr. Faisal Khan to the speakers and presentation of souvenir and certificates to them. On behalf of IEEE SB, Dr. Bushra Naem presented the souvenir of IEEE to the Dean FICT, Dr. Faisal Khan, for his rank evaluation as a senior member of IEEE.



## SUSI for Student Leaders

IEEE Student Branch in collaboration with PUAN Quetta Chapter organized a session on "Study of the United States Institutes (SUSI) Program" for Student Leaders on November 18, 2018, at the green hall, BUIITEMS. The objective of the SUSI program is to enhance the leadership potential of undergraduate students, through an intensive curriculum of U.S. society, culture, values, and institutions at various U.S. Universities and study tours. SUSI alumna Ms Sidra shared her experience with the audience, beginning from her application process and explaining the eligibility and selection criteria. She encouraged all to apply and shared the benefits she gained from that experience of living in the US. The session was ended with thanking note and the distribution of souvenirs to the speakers.



## Knowing the Journey of a Writer

The faculty, administration, and students of BUIITEMS enjoyed an open discussion with TIME magazine, The New York Times and The Washington Post acclaimed writer Mr. Musharraf Ali Farooqi, organized by the Department of English on November 27th 2018 at the Training Hall BUIITEMS.



Mr. Farooqi shared his journey from engineering student, to avid reader to gifted writer. His novel *Between Clay and Dust* was a finalist for the 2012 Man Asian Prize for Literature. His internationally acclaimed translation of the *Dastan-e Amir Hamza* (The Adventures of Amir Hamza) was called a “gift to world literature” by TIME magazine. The session came to a close with an inspiring Q&A and receiving a book authored by BUIITEMS lecturer Ms. Naima Minhas.

## The StoryKit Ambassador Program Quetta Chapter

The Department of English invited Mr. Musharraf Ali Farooqi, a celebrated children’s author and the CEO of Kahani Se Kitab Tak Program and KITAB (Private) Limited publishing house from Lahore, specializing in children’s literature and electronic, educational and language resources for the Urdu language for a workshop and seminar on reviving the storytelling culture. The STORYKIT Ambassador Program is a campaign for reinventing the Urdu storytelling to help train storytellers in Quetta the art of interactive storytelling to the children of Balochistan.

On November 2018, Mr. Farooqi conducted a certifying one day storytelling training session, organized by the department of English for StoryKit Ambassador Program Quetta Chapter at the Orange hall BUIITEMS. Mr. Farooqi conducted the “Leading through Teaching” storytelling workshops based on his “Memorise, Connect, Improvise” (MCI) method of storytelling. The program also allows ambassadors to earn, making it a very good opportunity for fresh graduates to gain some experience.

The participants were from different institutes of Balochistan including Ms. Noveera Jaffar the Head of English Department NUML University, Quetta along with her staff members, students from SBK University, Balochistan University, and faculty and students of BUIITEMS gained an advantage from the session.





## Poetry Event at the Department Of International Relations



A Mushaira was organized in BUIITEMS Pink Hall on December 6, 2018 by the Department of International Relations with the purpose of reviving the interest for Urdu poetry among the students. Raghib Tehseen and Jahan Ara Tabassum, renowned published poets of Quetta narrated their work along with the poets of BUIITEMS. Mr. Malghani attended the event as the chief guest and appreciated the efforts of the department for their initiative. Such events contribute to the increased appreciation of the Urdu language and poetry. At the end Mr. Abdul Wadood, Chairperson Department of IR distributed shields and certificates among the poets.







# Meetings



## Board of Studies Meeting (Department of Telecommunication Engineering)

The 6th Board of Studies meeting of Telecommunication Engineering department was held on January 25-26, 2018 at Takatu. The invited experts were; Prof. Dr. Imtiaz Ahmed Taj, Dean Faculty of Engineering Capital University of Engineering and Technology (CUST) Islamabad, and Prof. Dr. Noor Muhammad Khan, Chairman Department of Electrical Engineering CUST Islamabad and internal members were; Dean FICT Dr. Faisal Ahmed Khan and Chairperson Department of Telecommunication Engineering Dr. Faizullah Khan. In the meeting the following agenda items were presented and discussed, formulating mission and program education objectives for Telecom Engineering program, and review of curriculum for undergraduate and graduate degree programs in Telecommunication Engineering.



## ORIC Forum Meeting



The 1st quarterly ORIC forum Meeting organized by the Higher Education Commission of Pakistan was held on May 14, 2018 at HEC, Islamabad. The agenda of the meeting was to address the challenges faced by ORIC's throughout Pakistan and to develop strategies to improve their effectiveness and performance. Dr. Muhammad Naeem Shahwani was the representative from BUIITEMS and Balochistan, Where he presented the progress of ORIC-BUIITEMS and other ORICs of Balochistan.

The following points of ORIC score card were presented as Key Performance Indicators:

1. Number of research grants from HEC and external sources, national and international collaborations, and Industrial projects
2. Number of trainings, workshops and seminars relevant to entrepreneurship and commercialization are organized and attended
3. Number of Intellectual property rights, patents, licensing and prototype development
4. Number of start-ups and revenue generated from business incubation activities



Executive director HEC and fellow members of the meeting appreciated Dr. Muhammad Naeem Shahwani for his role and presentation and that ORIC-BUIITEMS would be representative of all ORICs of Balochistan for the following two years.

## 26th Meeting of BUIITEMS Finance & Planning Committee

The twenty sixth meeting of the Finance & Planning Committee of Balochistan University of Information Technology, Engineering and Management Sciences (BUIITEMS) Quetta was held on June 26, 2018 under chairmanship of the Vice Chancellor BUIITEMS at Takatu Campus. After commencement of the meeting with a recitation of verses from the Holy Quran, the Vice Chancellor/Chairman BUIITEMS Finance & Planning Committee welcomed the committee members. The Director Finance BUIITEMS/Secretary BUIITEMS Finance & Planning Committee began the proceedings and placed the agenda items for discussion and deliberation. The committee considered revised budget for the financial year 2017-18 and recommended budget estimates for the financial year 2018-19 .Other financial matters of the university were discussed in the meeting and decisions were recorded accordingly.



The following attended the meeting:-

• Mr. Ahmed Farooq Bazai (SI), Vice Chancellor BUIITEMS.	Chairman
• Mr. Shahzaib Kakar, Additional Secretary, Government of Balochistan, Finance Department, Quetta.	Member
• Mr. Irfan Baseer, Additional Secretary, Government of Balochistan, Information Technology Department, Quetta.	Member
• Mr. Ahmed Yahya, Director General, Higher Education Commission (HEC), Regional Center, Quetta.	Member
• Dr. Jan Muhammad, Dean Faculty of Arts & Basic Sciences, BUIITEMS.	Member
• Dr. Faisal Ahmed Khan, Dean Faculty of ICT, BUIITEMS.	Member
• Dr. Zahid Rauf, Director Quality Enhancement and Accreditation (QE&A), BUIITEMS	Non-voting member
• Dr. Muhammad Naeem Shahwani, Director Research, Innovation and Commercialization (ORIC), BUIITEMS	Non-voting member
• Mr. Jamal Mustafa, Registrar, BUIITEMS.	Member
• Mr. Manzoor Hussain, Director Finance, BUIITEMS.	Secretary

### 31st Meeting of BUIITEMS Syndicate



The 31st meeting of the Syndicate of BUIITEMS was held on 5th July 2018 under Chairpersonship of the Vice Chancellor BUIITEMS at Takatu Campus BUIITEMS, Quetta.

The Syndicate deliberated upon agenda items pertaining to academic and administrative matters of the university and decisions were made accordingly. The meeting ended with a vote of thanks for the Chair.



## Board of Studies Meeting (Department of Civil Engineering)

The 5th Board of Studies for the Department of Civil Engineering was held on October 05, 2018 and was chaired by department Chairperson Dr. Saeed Ullah Jan. The agenda items were the



revision of the curriculum definition of the program objectives and outcomes according to Washington Accord as proposed by Pakistan Engineering Council. Also discussed was the revision of the departments' mission and vision, proposed changes of course titles, and course sequencing as per the latest NCRC curriculum proposed by HEC.

Those present at the meeting were; Prof. Dr. Amanullah Mari Department of Civil Engineering, NED UET Karachi, and Dr. Salah-ud-Din, Chairperson, Department of Civil Engineering, UET Khuzdar. The internal members were Dr. Syed Kamran Sami the Dean FOE&A, Dr. Zafar Baloch, Dr. Muhammad Habib, Dr. Naik Muhammad, Dr. Azmatullah Sherani, Dr. Muhammad Irfan Engr. Syed Zafar Ullah, co-opted member Prof. Dr. M. A. K Malghani and Director, Quality Enhancement & Accreditation, Dr. Zahid Rauf as a non-voting member. The meeting concluded with a revision of the curriculum of BS and MS programs that would be recommended for the consideration of the Academic Council.



## Meeting of Board of Studies (Department of Mathematical Sciences)

The first board of studies meeting was held for the BS Statistics study program conducted by the Mathematical Sciences Department on November 23, 2018. The meeting was chaired by Chairman of the department Dr. Muhammad Zubair, a member of HEC-NCRC for Statistics. The invited external members were; Professor Dr. Salahuddin (Ex-Convener, HEC-NCRC), Professor Dr. Irshad Ahmad (Convener, HEC-NCRC) and Dr. Farhat Iqbal (member, HEC-NCRC). The curriculum was thoroughly discussed with recommendations for approval.



## Meeting of Board of Studies (Department of Physics)

On November 30, 2018 the department of Physics held its board of studies meeting under the chairmanship of faculty Dean Prof. Dr. Jan Muhammad. The expert external members were Prof. Dr. Rao Muhammad Afzal, ex-vice chancellor of The Islamia University of Bahawalpur and Dr. Ajab Khan Kasi, chairman department of physics, university of the Balochistan, Quetta. The curriculum for the BS, MS and PhD study programs were presented and discussed. Minor revisions were suggested and recommended for approval.





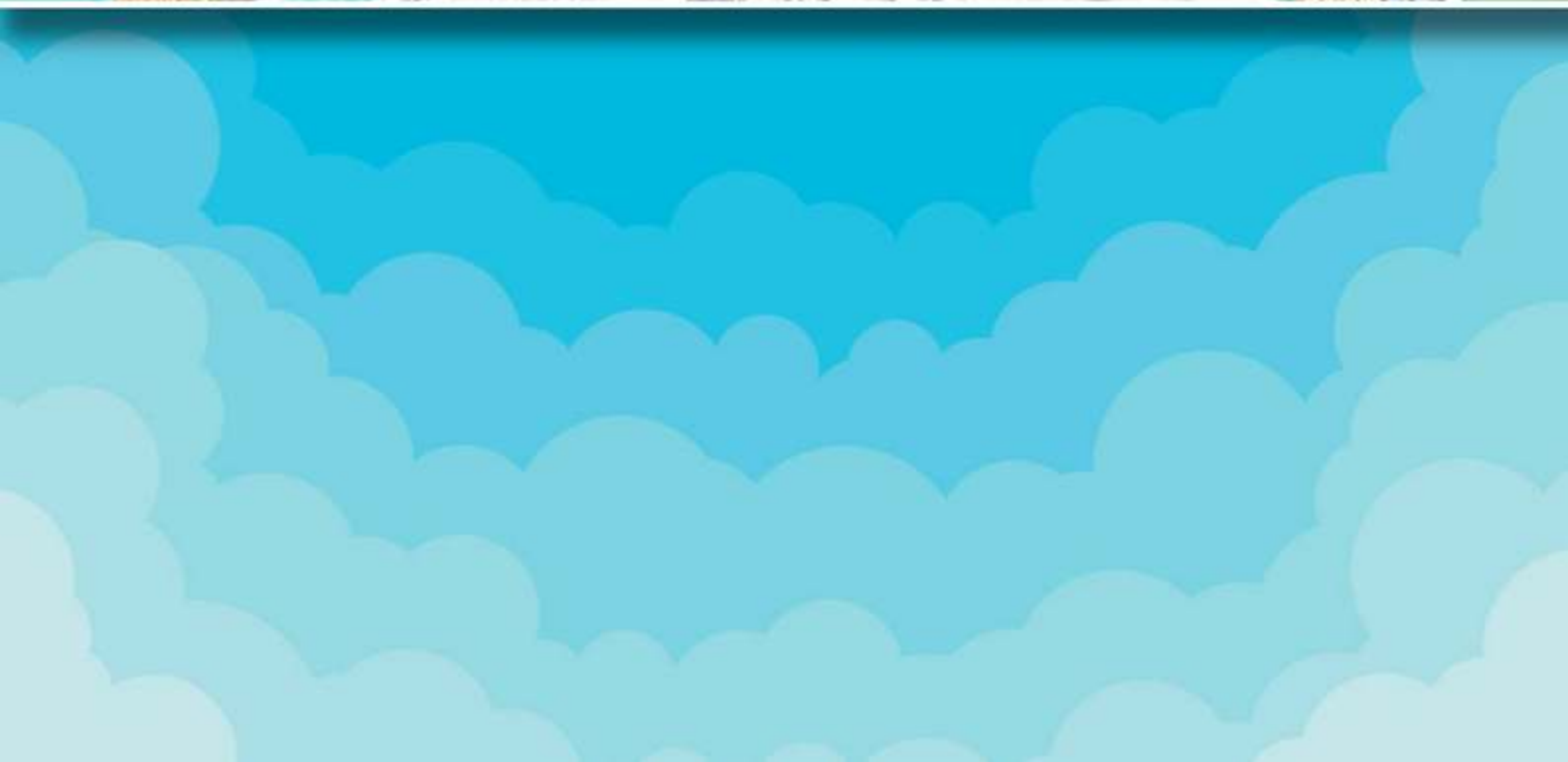
## Twenty Seventh Meeting of Advance Studies & Research Board

The 27th meeting of Advance Studies & Research Board (ASRB) was held on November 29, 2018, in the training hall, Takatu Campus. The Vice-Chancellor BUIITEMS, Mr. Ahmed Farooq Bazai, chaired the meeting. The Dean, Graduate Studies Office, briefed the board regarding the implementation status of the decisions from the 26th meeting of ASRB.



The review followed the detailed deliberation on the agendas, presented by the secretary of ASRB Mr. Jamal Mustafa, Registrar BUIITEMS, on various issues including approval of synopses, the appointment of the supervisors & co-supervisors, endorsement or recommendations of Departmental Board of Studies and other Graduate Studies related matters. The meeting ended with a vote of thanks to the chair and members.







# Visits and Study Tours



## Field Trip (Local Grid Station)

Engr. Muhammad Anas, faculty member from the Department of Electrical Engineering organized a study trip for the final year students to the Grid Station, near Airport chowk, Quetta on January 8, 2018. Mr. Syed Khan, the operator at the Grid Station explained the power transmission phenomena to the students. Students Alamgir Afridi, Fada-ur-Rehman, Kaleem Khan, Farhad Baloch, discussed their final year project on “voltage compensation of power transformer using electronic on-load tap changer” with the grid operator and took guidance about the daily voltage variation due to changing load and short-period voltage, controlled by on-load tap changer automatically.



## IAPEX 2018 Lahore Chapter



BUIITEMS's BS Architecture students with their lecturer Ar. Sabeen Durrani participated in the Annual Architects Convention, organized by the Institute of Architects Pakistan IAPEX 2018, at Lahore International Expo Center from February 2 to 4 2018. There were numerous competitions at the convention, which were won by our own delegates, Zia Ullah Khan, from third semester won third prize in the essay writing competition.

The students were exposed to learning new sketching, drawing techniques, building materials and explored new ideas in the arena of architecture and building industry. Through the culture night event all the participants got to experience the diversity of Pakistan's culture, as well as interacting with fellow students in various activities such as the friendship night.

## Thermal Power Station & Grid Visit

Students of the 4th semester, Electrical Engineering were given the opportunity to visit the thermal power station and Grid in Sheikhmanda, Quetta on March 29<sup>th</sup> 2018, the purpose of the visit was to understand the functional aspects of Electrical Machinery such as; Transformers, Alternators, power distribution system and overall operation of thermal power station. The instructors at the site were;

- **Power System Instructor:** Dr. Surat Khan
- **Electrical Machines Instructor:** Engr. Ishtiaq Marwat
- **Grid In-charge:** Engr. Kaleemullah Executive Engineer QESCO
- Engr. Muhammad Aurangzeb (Assistant Manager, QESCO)



There were total of three sessions, where the students were divided into three groups of twenty. After the end of each session the students were given a verbal test of what they learnt in their respective session.

## Visit to the Balochistan Provincial Assembly



Faculty members Mr. Hammal Aslam and Ms. Sania Sabir organized a study visit to the Balochistan Provincial Assembly for the 4th & 6th semester students of international relations on May 28, 2018. The visit consisted of seeing the meeting areas and administrative structures of the assembly and a tour of the library where they were informed about how the different proceedings are composed and archived. The students were given the opportunity to witness a session in the assembly which was the last session before the dissolution of the assembly.

## Chairman HEC Visited BUIITEMS

Dr. Tariq Banori, Chairman Higher Education Commission (HEC), visited BUIITEMS on 2<sup>nd</sup> July 2018. He was warmly welcomed by the Vice Chancellor, Mr. Ahmed Farooq Bazai. He visited various departments and had meetings with senior officials and faculty. The Vice Chancellor highlighted BUIITEMS contributions to education and to the society. In his address to faculty and students the Chairman stressed that the area hit by long term conflict was higher education. He focused that strengthening universities is not only achieved through the construction of buildings but equipping



the students and faculty to face the challenges of the modern world. He further stressed that faculty requires professional skills to impart knowledge to students and to enhance our research activities. He mentioned that a 9 % increase in students getting higher education in the country in the last sixteen years is promising. He praised BUIITEMS as one of the best universities of the region, and such universities have the responsibility to assist other in institutions in their journey towards advancement and betterment He further assured that he would play his role and provide all resources to the students and faculty for the improvement of their educational standard.



## Study Tour (Department of International Relations 2018)

International Relations Department Chairperson Mr. Abdul Wadood along with lecturer Ms. MahGanj organized and accompanied a 10 day study tour for the graduating students of batch Spring 2018 from August 01 to August 10, 2018.

The tour comprised of visiting the following universities Quaid-i-Azam University and International Islamic University in Islamabad where they met with fellow international relation students. Then they travelled to Kashmir where they explored the hidden beauty of Kashmir and visited and met the students of Azad Jammu and Kashmir University.



## Field Internships for Petroleum & Gas Engineering students

The students from the Department of Petroleum and Gas Engineering went on a fully paid summer field internships starting from 1st August 2018 onwards at different Oil and Gas Fields of Oil and Gas Development Company Limited (OGDCL) and Pakistan Petroleum Limited for 4-6 weeks. The detailed list of students & field locations are tabulated below:

S.No	Name	Field Location	Company	Duration
1.	Syed Afzal Shah	Sui Gas Field	PPL	4 week
2.	Hamza	Sui Gas Field	PPL	4 week
3.	Asim Khan	Sui Gas Field	PPL	4 week
4.	Ajmal Khan	Sui Gas Field	PPL	4 week
5.	Zakir Ali	Sui Gas Field	PPL	4 week
6.	Tariq Khan	RMD Head Office	OGDCL	4 week
7.	Ahmed Jan	RMD Head Office	OGDCL	4 week
8	Osama Khalid	Sui Gas Field	PPL	6 week
9	Lugman Ali Khan	Sui Gas Field	PPL	6 week
10	Muhammad Jawad	Sui Gas Field	PPL	6 week
11	Noman Sabit	Sui Gas Field	PPL	6 week
12	Khurram Mumraiz	Sui Gas Field	PPL	6 week
13	Farhan Rasheed	Gambat Gas Field	PPL	6 week
14	Adeel Ahmed	Gambat Gas Field	PPL	6 week

Coordinator for Field Affairs, Department of Petroleum and Gas Engineering appreciated the Petroleum Industry for providing leading internships and field tours to the students of BUIITEMS.

## Makran student’s Exposure in BUITEMS



On 13, August 2018 the students and faculty members from Makran district visited University Of Balochistan, Sardar Bahadur Khan University and BUITEMS. The purpose of the visit was to provide exposure to the visitors the educational opportunities these institutes can provide. At BUITEMS the visitors were welcomed by staff from student affairs where they were taken to the Orange Hall and were briefed about BUITEMS, the educational programs on offer and the various extracurricular activities also offered in the university by Student Affairs Director, Mr. Sameen Khan. After the session the visitors were given a tour of the campus starting from Orange

Hall and ending with the Sports Complex where refreshments were offered.

## Three Day Cascading Training (Pakistan University Linkages Program)

The University linkage program, an initiative of University of Nebraska, Omaha and funded by the US State Department.

Balochistan University of Information Technology, Engineering, and Management Sciences (BUITEMS)

Quetta, Quaid-i-Azam University Islamabad and Shaheed Benazir Bhutto University Peshawar participated in this linkage program.

In the first phase of the program, 15 participants, 5 from each university visited the University of Nebraska Omaha in April 2018 for three weeks.

The purpose of the visit was to gain exposure on new teaching and research methodologies through visiting different educational and government institutions in Omaha.

The Directorate of Human Resource Development at BUITEMS in collaboration with Registrar Office organized a three-day Cascading - Pakistan University Linkages Program training for its faculty members from 15th to 17th August 2018.

Where the program participants shared their experience and learnings with their colleagues, the Resource Persons were;

Dr. Ali Nawaz Mengal, Dr. Aurangzaib Alamghir, Mr. Sameen Khan, Ms. Malghalara Kakar, and Mr. Ahsan Achakzai conducted interactive sessions in the following areas:

Dr. Ali Nawaz Mengal, Dr. Aurangzaib Alamghir, Mr. Sameen Khan, Ms. Malghalara Kakar, and Mr. Ahsan Achakzai conducted interactive sessions in the following areas:



- Teaching Diverse Learners: Learning Styles
- Interactive Teaching
- Planning for Learning: From lecture-based to engaged classrooms
- Conflict Resolution in Education
- Research Skills
- Teaching Technology
- Intercultural Communication
- Leadership
- Civic Engagement & Student Affairs
- About Pakistan University Linkages Program

## Vienna International Christian-Islamic Summer University

The Vienna International Christian-Islamic Summer University (VICISU) is a religious and intercultural program that aims at bringing together students and professors from different universities in Christian and Muslim countries all around the world to study intercultural topics from the perspectives of various academic disciplines. VICISU started in 2008 and is organized on a biannual basis. Professors and students come from several countries on five continents including Australia, Austria, Ghana, Germany, India, Indonesia, Lebanon, Morocco, Oman, Pakistan, Saudi Arabia, Turkey, Uganda and United States of America. VICISU was organized at Stift Altenburg, a Benedictine monastery in lower Austria. The baroque monastery, which is well known for its 'Garden of the Religions,' offers campus facilities with a unique learning atmosphere surrounded by the beautiful landscape of lower Austria.



Mr. Asmat Ullah Kakar participated in the VICISU program from Pakistan along with Aminah Gillani and Maheen Samreen from Lahore. The modules in the program mostly consisted of the religious topics from the religions of Islam and Christianity. The discussion in the class comprised of the topics such as introduction to Christianity, introduction to Islam, Islamic diversity, International law, and human rights, women and Jihadism, religion and politics, Censorship, Islam, Sharia and politics in Southeast Asia, freedom of expression, religious pluralism and conflict management training. The program modules were very thought provoking in spite of sensitive religious issues, the participants could easily understand the views of different faith believers.

Religion provides a direction for life but different religions in different parts of the world can make us understand the belief system. In fact, the existence of those believers who are in minority in a society and whose beliefs are very different from your beliefs cannot be ignored as believers because every religion has some principles and it is difficult to draw a line between those that should be followed and those that we think should not be followed. What seems good to one person can seem different to another person. Therefore, one cannot draw a line between beliefs because beliefs are not based solely on logic and religion is a system of beliefs that does not force people to accept its principles.

After evaluating issues related to religion the message that the program gave is the peace, tolerance, pluralism and the rights for the people choosing and practicing a religion for themselves and also not to violate the fundamental human rights by implementing laws and fatwas which are not consistent with the basic human rights and with the principles of a different religion people practice. Religion provides a direction for life but sometimes human rights are violated in a way that the religion is projected for personal benefits only.



The VICISU program also consisted of some trips which included a guided tour to the Abbey of Melk, which remained the political center of Austria for centuries and has an important history. A trip to the second largest river of the Europe The Danube river was arranged in a boat, different receptions which included a reception by the Abbey of Melk, Stift Altenburg, reception by the Mayor of Vienna and guided tours to the University of Vienna and Stift Altenburg. The program consisted of the sports activities for the participants which included soccer, snooker, table tennis etc. A full of learning VICISU program ended on 17<sup>th</sup> of August with the conclusion that in today's globalized world we need to accept different views. Therefore, we need tolerance for making our society a pluralistic society so that peace can be promoted and Islam can be represented in its true perspective.

The participants received certificates of participation in the closing ceremony of the program at the University of Vienna. The program ended with a farewell party to the participants in the evening on 17<sup>th</sup> of August 2018.

## Paper Presented at Global Conference on Engineering and Technology Sri Lanka

Mr. Nasar Alam of BS Chemical Engineering 7<sup>th</sup> semester presented his group's research paper at the international conference: Contemporary issues in Engineering and Technology Research that was held on August 20-21, 2018 at Colombo, Sri Lanka. The title of the paper was "*Analysis and Characterization of Consumer Talcum Powder Marketed in Pakistan*" and the authors were fellow students; Faisal Mushtaq, Muzzamil Hussain, and Samia Parveen. The full paper was accepted for publication in Global Journal of Engineering and Technology review an A category journal.



## Study Tour (Department of Petroleum and Gas Engineering 2018)



The final year students of BS-PG batch 2012, went on a study tour field visit to Chak Naurang Oil Field OGDCL, China National Logging Corporation CNLC, and Hydrocarbon Development Institute of Pakistan HDIP Islamabad from September 03, to September 11, 2018.

The students experienced the working environment at the field and gained practical knowledge about fluid separations, health and safety measures and a well-controlled system. Their next visit was to the Hydrocarbon Development Institute of Pakistan (HDIP), where they were given demonstrations of oil testing, relative permeability, and capillary pressure test, ASTM Distillation, ASTM Colorimeter testing using their advanced and digital laboratories. At China National Logging (CNLC) students were taught about surface well testing, subsurface well-testing wireline, and slick line operation.

They also visited the dehydration plant, gas sweetening plant of Chak Naurang Oil Field OGDCL. Chak Naurang field has three production wells, where two wells are operational, one of the well functions normally, while the other requires an artificial lift. The third well has been abandoned. Currently, the cumulative production of these wells is 210-220bbl/day.

## Accreditation of BS Mechanical Engineering

A three member accreditation team from the Pakistan Engineering Council visited BUIITEMS to accredit the BS Mechanical Engineering program on September 12th 2018. Chairperson of the department presented the BS program to the team convener, Prof Dr. Muzaffar Mahmood, and Technical Expert Prof. Dr. Adnan Tariq. The team visited the dedicated labs and associated facilities. Then met with students of the graduating batch 2014 for an intensive Q&A session. After their technical evaluation they met with the Vice Chancellor where they expressed their satisfaction of the student's knowledge and communication skills. The team also appreciated the Vice Chancellor's efforts and dedication for developing the University at a higher pace.



## PCATP Visit for Accreditation of B. Architecture Program

The Registrar PCATP, Pakistan Council of Architects and Town planners, Ar. Tahira Sadia Fazli, with executive accreditation committee members Ar. Arif Changezi and Ar. Farooq Hassan visited the Department of Architecture, BUIITEMS on September 27 and 29, 2018. The visit began with a meeting with Vice Chancellor, Mr. Ahmed Farooq Bazai. Dean Faculty of Engineering & Architecture Dr. Kamran Sami and Chairperson Department of Architecture, Ar. Jalal Faisal.

The visit consisted of a viewing of all the studios and associated facilities and then followed by separate interactive sessions with faculty and students.



## German Consul General Mr. Eugen Wollfarth Visited BUIITEMS

In his first visit to Quetta on October 10th 2018, The German Consul General Mr. Eugen Wollfarth visited BUIITEMS. Mr. Wollfarth and his delegation was welcomed by Vice Chancellor, Mr. Ahmed Farooq Bazai and senior management. The Vice Chancellor presented to the delegation the University's history, significant milestones, and future goals. During the interaction with faculty members, the Council General emphasized his desire for greater collaboration between Pakistani and German Universities regarding research and other aspects. He also discussed possible future ventures with BUIITEMS. The visit ended with the presentation of the University shield to the Consul General.



## Deputy Speaker National Assembly of Pakistan visited BUIITEMS



“I proudly say that in my city, we have a State of the Art University and these students are among the luckiest youth, who are getting their higher education in such a great institute under the visionary leadership of worthy Vice



Chancellor, Engr. Farooq Ahmed Bazai (S.I)” said Mr. Qasim Sorri, Deputy Speaker of the National Assembly of Pakistan during his visit to BUIITEMS on October 11, 2018.



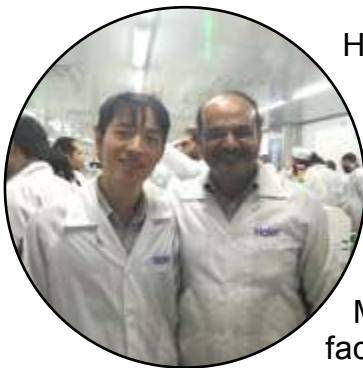
Vice Chancellor, Mr. Ahmed Farooq Bazai with senior management welcomed Mr. Qasim Sorri and his delegation. During his visit Vice Chancellor, Mr. Ahmed Farooq Bazai presented BUIITEMS role in education provision and how the role it is playing regarding CPEC project. That BUIITEMS is developing the students through imparting the technical knowhow and language skills to equip them to fulfil the human resource requirements of this mega project. The visit ended with presenting the University shield to the guest.

## Visit to National Institute of Management

The Department of Economics organized a visit to the National Institute of Management Quetta (NIM) on October 19th 2018 for the BS students of public administration and economics. The purpose of the visit was to gain exposure of how the institute conducts its training programs for the in-service government employees for their professional development. Director NIM Mr. Syed Farzand Ali and Mr. Aslam Ghani showed the students the campus and briefed them about governance, training, curriculum, and administration at NIM.



## Industrial Visit of Haier Industry



Haier Industry with the collaboration of and Higher Education Commission Pakistan organized an industrial visit and meeting on October 31<sup>st</sup> 2018, where Engr. Syed Usman, Deputy Director of University-Industry Linkages ORIC was the invited representative for BUIITEMS.

The visit included a tour of Haier's state of the art Surface Mount Technology (SMT) factory established in Lahore, which have been offered to higher educational institutional for research projects purposes as well as exploring further industry-academia collaborations. Also noted was the Haier laptop factory that has been working for capacity building, where 120,000 laptops have been manufactured by this factory where local engineers received experience in the manufacturing and quality control process.



## Study Tour (Department of Telecommunication Engineering 2018)

The Department of Telecommunication Engineering arranged a study tour for the final year students of Fall-2014 batch from November 16<sup>th</sup> –November 26<sup>th</sup> 2018. Dr. Syed Tariq Shah and Engr. Abdul Ali Khan accompanied the group. The tour began with a visit to National University of Science and Technology, NUST Islamabad, where they took a tour of the various research laboratories and saw the latest trends in research topics. Next they visited the Nayatel Head Office, Islamabad, where students had an opportunity to relate their knowledge and gain exposure in the implementation of ISDN, SIP Trunking, IPTV and other services carried out by the company. Afterwards the tour included a trip to National Institute of Electronics NIE and to PTCL Broadband & IPTV headend installations in Islamabad and Satellite Earth Station at Malach. Lastly the study tour came to an end with a visit to the newly constructed Neelum- Jehlum Power project near Kohala.





# Research & Development



# Research Projects

## Faculty of Management Sciences & Economics

The below tables show the work completed by the students of Fall-2014 admit student of Management Sciences & Economics under supervision of the faculty members.

S. No.	Name of Students	Title	Supervisor
1	Saba Aziz	Factor Affecting performance of Islamic banking system in Pakistan	Dr. Abdul Salam Lodhi Bilal Sarwar (Co-Supervisor)
2	Mahmooda, Muhammad Hussain	The Effects of Individual Factors (Ambidexterity Thriving at Work and Proactive Personality) on Innovative Work	Muhammad Adeel Anjum Raheela Maula Bakhsh (Co-Supervisor)
3	Muhammad Ali	Effect of Celebrity Endorsement on Purchase Intention of consumer in soft drink industry of Pakistan	Dr. Zahid Majeed

### MBA (Post BSBA)

S.No	Students Name	Title	Supervisor
1	Uzair Mazhar, Anees Pervaiz, Syed Farhatullah	Case Study of PTCL HR	Sania Haq
2	Arbaz Khan, Zulqarnain Mandokhail, M. Asfandyar Durrani, Syed Mohsin Raza, Kainat Batool, Israr Ahamed	Case Study of NAN's Resturant	M. Asif Raz
3	M .Yousaf Ali khan, Syed Zubair Ahmed, Aisha Ashfaq, Sadiqa Abdullah	Case Study of Saigon Resturant	Nazan Habib
4	Amir Ali, Najeeba, Rabia Sana, Mashil Aziz	Influence of sales promotions tools on buying behaviour	Kiran Manzoor
5	Jumma Gul, Aftab Mousa, Mudasir Ansari, Syed Essa, Umar Sharif	Case Study of SBK	Rehan khan

**MBA (Banking and Finance)**

S.No	Students Name	Title	Supervisor
1	Soaib Ali Siyal, M. Hamza Khalid, Tymur Ali, Shahzad Ahmed, Zeeshan	Impact of Macroeconomic Banks	Aftab Alam
2	M. Zohair Khan, Syed Noor, Najeebullah Khan, Asmatullah, Sheryar Ali, Syed Sami	Capital Structure determents A Case study of Fuel and Energy Sector	Aftab Alam
3	Abdul Nafay, Najeeb Faiz, Marzia Amjad Mustafa, Qaim Khan, Amina Mohammadi	Pakistan Rupee- Us Dollar Exchange Rate fluctuations	Kaleem Saleem
4	Saima Batool, Zarafshan, Mairman Hameed, Roheeda Kasi, Zeenat Bagum, Sumaira Ghufar	Impact of Micro Financing on women entrepreneurship	Zia Ur Rehman

**BSBA**

S.No	Students Name	Title	Supervisor
1	Sana Khan, Natalia, Iqra, Saima Batool, Waheedullah, Mehtab Bakhtawar	The effect of anxiety and depression on academic performance	Dr. Tariq Ahmed
2	Yasir Ali, Shoaib Hassan, Raheela Batool, Saif Islam,	The impact of demographical diversity on organizational commitment of nurses in Quetta hospitals	Dr. Abdul Raziq
3	Ashlay Farnon, Aneela Arshad, Rimsha Anwar, Maham Saleem, Sidra Taj, Mahaz,	The Relationship of Transformational Leadership and Proactive Work Behavior: A Study of Higher Education Institutions in	Ms. Raheela Maula Bakhsh
4	Asfandyar Pervaiz, Ehtasham Asghar, Naimat Ullah, Usama Ali Khan, Daniyal Khan,	Relationship of career customization, Compensation and benefit with employee Retention	Ms. Raheela Maula Bakhsh
5	Sohrab, Iqra Ahmad, Maroona Kasi, Muhammad Wais, Aminta	The relationship between work-lie balance and employees organizational commitment within the banking sector in Quetta	Rehan Ahmed
6	Abdul Majid, Mohammad Hamza, Asfandyar Kakar, Hassan Javed, Anosh	Consumer attitude and influence of social media marketing on youth in Quetta	Ms. Nazan Habib

**BSBA**

S.No	Students Name	Title	Supervisor
7	Musaib Agha, Syed Abdul Hadi, Zia-Ud-Din, Massab Khan, Feroz Khan	Marketing	Dr. Zahid Majeed
8	Khizran Raza, Fatima Syed, Sitara Batool, Muzaffar Ali, TalhaKhan,	The Effect of brand awareness, brand image and brand loyalty on purchase intention : A study on fast food in Quetta city	Muhammad Ali
9	Ramis James, Raisa Raisani	The effect of deceptive advertisement on purchase intention in fast food industry of Quetta	Muhammad Ali
10	Muhammad Usama, Munir Ahmed, Shaharyar Zahid, Sheraz Khan	Growth Determinants of Selected Mutual Funds in Karachi Stock Exchange Research Project Report	Kaleem Saleem
11	Abdul Rafay, Talha Shabbir, Hammul Khan,	Non- Standardize form of CAPM and Stock Returns in Pakistan Stock Exchange 2016-2018	Aftab Alam
12	Abdul Haseeb, Kamul Ud Din, Naseer Ahmed, Zohaib Gohar	Day of the week effect on pakistan stock exchange – evidence from garch model	Ms. Khalida Durrani
13	Muhammad Wahab, Zainab Idress, Zia-ur-Rehman, Mati-ur-Rehman, Muhammad Zeeshan Rasheed	Comparative Study of the Performance between Privatized and State Owned Banks of Pakistan	Ms. Khalida Durrani
14	S.M. Asfand Yar, Muhammad Shahrukh, Arifa Altaf Hussain, Muqadisa, Iqbal Ahmed Tareen	The level of financial literacy among the youth of Quetta	Ms. Khalida Durrani
15	Mrestyal Khan, M. Minhaj, Aman Khan, Sarfaraz, Tayab Ali Hashmi, Nabeel Raza	Effect of Working Capital management on Profitability of manufacturing firms in Pakistan	Kaleem Saleem Mateeullah Khan
16	Ruqia Khan, Samia Ilyas, Soha Farooq, Naila Asghar, Ahmed Wali, Tariq Aziz, Rafiullah	The Impact of Capital Structure on the financial performance commercial banks in Balochistan	Zia-ur-Rehman Zeeshan Khalid



## Faculty of Engineering & Architecture

The below tables show the work completed by the students of Fall-2014 admit student of BS Chemical Engineering Program under supervision of the faculty members.

### Department of Chemical Engineering

S.No.	Name of Students	Title	Supervisor
1	Mirza Afnan Baig, Gul Mohammad, Aaqib Ali, Noor ul Hassan, Mansoor Ahmed, Abdul Hafeez	Design of 400MMSCF of Gas Processing Plant traditional and Simulated Approach	Dr. Faisal Mushtaq
2	Ihtesham-ul-Haq, Farman ullah, Syed Shahbaz Ahmed, M. Naveed khan, Haroon Khan, Ameer Hamza	Production of Ethanol from 15 tons/hr. sugarcane molasses	Dr. Ghulamullah Kakar
3	Majid Ullah, Mohammad Eisa, Mohammad Khan, Muhammad Faizan Sabir, M. Jamshaid Noor, Hafiz, Mohammad Usman	Sweetening of 75MMSCFD Natural Gas by MDEA	Engr. Mohammad Siddique Nasar
4	Saood Ali Shah, Waseem, Abbas, Nawaz Sharif, Syed Musa Ismail, Faisal Islam	Design and Fabrication of Grey Water Filtration Plant	Engr. Zahid Naeem Qasrani
5	Saeed Khan, Yasir Shah, Hussain Shah, Maski Khan, Deen Mohammad, Mudassir Iqbal	Production of 700MTPD of Calcium Ammonium Nitrate	Engr. Hafiz Muhammad Babar Munir
6	Zeeshan, Bilal Ahmed, Ahmed Sultan, Muhammad Kashif, Ghulam Mohammad, Sanaullah	A Plant Design Project on Production of 5000MTPD Ammonia (NH <sub>3</sub> ) from Natural Gas	Engr. Awais Sattar Ghouri
7	M. Sabah ud din, Adnan Sami, Ali Jan, Hafeez ullah, Mohammad Ismail	Production of Gasoline from Naptha through Hydro-treating using Cobalt Molybdenum Catalyst	Engr. Nasir Rafique

## Faculty of Information & Communications Technology

The below tables show the work completed by the students of Fall-2014 admit student of BS Telecommunication Engineering Department under supervision of the faculty members.

### Department of Telecommunication Engineering

S.No.	Name of Students	Title	Supervisor
1	Adnan Khan Tareen, Roodein Aziz, Zahabiya Yousafzai	Smart Home Control System by Internet of Things (IoT) Based on WiFi Module	Engr. Abdul Ali
2	Aqsa Rasool, Muniba Khan	Range Enhanced University Cafeteria Automation System using Zigbee	Engr. Shafiullah
3	Muhammad Salih, Mehtab Ahmed Khan, Muhammad Farhan	Wireless Communication within the organization	Engr. Abdul Ali
4	Muhammad Ibrar, Hafsa Azam, Sana Javed	Design and implementation of Stress Monitoring System with the help of ECG Signals using MATLAB	Dr. Imran Qureshi
5	Muhammad Waseem, Muhammad Arsalan, Karam Khan	Data Muling for Under Water Wireless Sensor Networks	Engr. Rabia Qadar
6	Saadat Rehman, Muhammad Nadir, Muhammad Jahanzeb	Data Transmission using Cryptography & Steganography	Engr. Raza Ali
7	Muhammad Tariq Khan, Linta Sameer	WiFi based indoor navigation system	Dr. Bushra Naeem
8	Ameenah Ashfaq, Muhammad Mansoor, Rehman, Noor Afzal	Designing and Implementation of a Remotely Operated Underwater Vehicle	Engr. Shafiullah
9	Haris Elahi, Bisma Arif, Muhammad Asif	Automated detection and tracking of moving objects	Engr. Muhammad Shoaib Ali
10	Arsalan, Shoukat, Faisal Iqbal, Faisal Ali Khan	Interconnection of heterogeneous wireless networks	Engr. Abdul Ali

S.No.	Name of Students	Title	Supervisor
11	Shahzaib Rashid, M. Adnan Khan, Aamer Sohail	Wireless Hand Gesture Based Robotic Car with Arm	Engr. Lubna Aziz
12	Nauman Ahmed, Umar Khan	MP3 Steganography	Engr. Syed Usman
13	Junaid Anwar, Shaguffa	Blood Donation System	Mr. Arsalan-ul-Haq
14	Shoaib Ahmed, Shoungal Khan, Kamran Khan, Inayatullah	Android based Tour guide application	Mr. Muhammad Akbar Khan
15	Ijaz Ahmed, Sami ullah Yazdan, Syed Wasim Ali Shah, Syed Tariq Shah	Smart Emergency Service	Mr. Muhammad Akbar Khan
16	Shujat Ali, Mohibullah, Haris Mehmood,	Blockchain-based e-voting System	Dr. Syed Tariq Shah
17	Alamgeer, Malak Wajid, Saifur Rehman, Ismail Khan	Sonic Beam Directional Sound System	Dr. Faizullah Kakar
18	Matiullah, Muhammad Sulaman, Ishaq Ahmed, Ubaid ur Rehman	Intelligent Obstacle, Human Detection and Navigational deep learning-based Smart Stick	Ms. Lubna Aziz
19	M. Ishaq, M. Javid Akbar, Syed Zubair, Zabee Ullah	Humanoid Robotic Head	Mr. Zulkafil Abbas
20	Saqifullah, Qazi Roohan	IoT-based Smart Irrigation System	Dr. Jan Muhammad
21	Hammal Khan, Attique Hameed, RehmatUllah, Mohibullah	Mobile Device and Application Forensics	Dr. Muhammad Nadeem
22	Jeehyand Khan, M. Ebaad Babar	Android-based University Bus Tracking System	Mr. Abdul Ali Khan
23	Syed Abdul Muqsit, Khizar Ilyas, Javed Iqbal, Rimsha Najeeb	Entrepreneur's Calculator	Dr. Muhammad Akram

## Department of Information Technology (BS IT)

The below tables show the research work / projects conducted by the students during their course of study in the year 2018 under supervision of their faculty members

S.No.	Name of Students	Title	Supervisor
1	Muzamil Hussain, Akhtar Ali, Irfan Ahmed, Abu Bakar	Online Medical System	Mr. Rahim Shah
2	Aneek Ali Raza, Dostain Baloch, M.Ismail Khan, M. Naeem	Virtual Tour	Mr. Rahim Shah
3	Farrukh Noor, Talib Hussain, Aqib Gulzar, Farman Ullah	Urdu Ustad	Mr. Rahim Shah
4	M.Saad Javed, M.Shariq, Afzal, Abid Husain	Online Law System	Mr. Rahim Shah
5	Najeeb Ullah, Ahsan Kakar, Bahadur Ali, Izatullah Khan	Invertry recommendation system	Mr. Skinder
6	M. Nasir, M. Aftab, Haroon Bashir, Mohammad Gul	Industrial Monitoring System (Smart Devices)	Mr.Abdul Ali
7	Imtisall Nasir, Mahnoor Zaheer, Zainab Malik, Feroz Khan	Multimedia Tracking System Through RFID	Mr.Abdul Ali
8	Daniyal Ali, M. Adil, Najam Saqib	Real Time Security System	Dr.Imran Qurashi
9	Muddasir Iqbal, Syed Asad, Zafar Ali Khan, M. Noman	Voice Gesture Control Home	Mr. Syed Usman
10	M.Ahmed, M.Hamza, Syed Irfan Ullah, Syed Mohibullah	The Gamers Nuclei	Dr. Bakhtiar
11	Ehtisam Ahmed, Usama Khalid, Hamayun Khan, M. Affan	SMS Help Desk	Ayesha Iftikhar

S.No.	Name of Students	Title	Supervisor
12	Asnapher Imdad, Umar Kaleem, Zohaib Majeed	Versatile Guitar and Bass Learning Android Application	Ayesha Iftikhar
13	Syed Umair, M. Usama Bin, M.Hasssan	Emergency Blood Bank	Ayesha Iftikhar
14	M. Waqas, Syed Zainu, Arbab Faisal, Ahmed Mirwise	Android App for Student Leave and Diary Management	Irfan Ahmed
15	M. Asad Akram, Liaquat Ali M.Umair Khan, M.Farhan	Online Traffic Challan	Irfan Ahmed
16	Naseeb Ullah, Saddam Hussain, Naveed Ali, Sania Hassan	Online Degree Verification Clearance	Irfan Ahmed
17	Neha Rani, Zulfiqar Ahmed, Hassan Masood, Saad Noor	Mirror Tec Application	S. Umair Shah
18	Sirajuddin Khan, Sidra Mushtaq, Marriam Malik, Saad Rauf	Course File Management System	Ayesha A. Majeed
19	S. Shahryar B, Syed Hassan Shah, Sueleman, Malik, Ghasif	City Expert Application	Ayesha A. Majeed
20	Amara Arshad, Hasam Hafeez, M Suffyan, Amara Arshad	Smart and Safe Home	Abdul Rehman
21	Abid Agha, Asfand Yar, Imtiaz Ahmed, Hafeez Ullah	Game	Abdul Rehman
22	Arsalan Khan, Hunain Sharif, Abdul Bari Daavi, Arsalan Khan	The Ambulance Dispatch	Abdul Rehman

## Department of Computer Science

S.No.	Name of Students	Title	Supervisor
1	M.Umer, M.Khawar, Abdul Moeed	Intellect	Mr. Arsalan Idress
2	Shahzaib, Sameer, Hammad, Awais	Andoroid And Web Application For Event Orginizing And Managing	Mr. Zubair Zaland
3	H.M.Aqib, Atta ul-Wahab, Haroon	Course Allocaion Using Teachers Evaluation System	Mr. Amir Shahzad Khokhar
4	M.Arsalan Khan, Zohaib , Maham Saba	Smart Speaking System For Mute People	Mr. Siraj un Muneer
5	M.Abid, Abbas, Chakar Khan	Smart Parking System	Mr.Yahya Jan
6	Rakeen, Asad, Ammad Waseem	Poetrify	Mr. Shahrukh Rayaz
7	Zoha, Laiba, Haroon	Home Automation Using Raspberry Pi	Dr.Raiz
8	Sangeen, Irfan, Daim Ali	HTML And Css Builder	Mr. Sikander Khan
9	Shahzaib, Imran, Jahangir, Sohail	Student Assistnace Chatbot Application	Mr. Sikander Khan
10	Zoraiz, Summaya, M. Ali	Context Aware Restaurant Recommendatio System	Mr. Luqman Khan
11	Samiullah, Ayaz, M. Ahmed	Home Services Hub	Mr. Siraj un Muneer
12	Irfan, Faisal, Shahroz	SUCCOR (Helping Hand)	Dr. Raiz
13	Saud, Ali Asad, Sarmad	Brain Computer Interface	Mr. Siraj un Muneer
14	Hamza, Rizwan, Abdul Wajid	Khana Online	Mr. Siraj un Muneer
15	Tariq, Mehwish Ali, Syed Shairyar	Desi Brand	Mr. Sikander Khan
16	M.Awais, Shazia Batool	Crowd-Sourcing And Natural Language Processing To Rate Doctors Performance	Mr.Amir Shahzad Khokhar
17	M.Touqeer, Shoaib, M.Aqib	Shopkeeper And Whole-Sale System	Mr. Luqman Khan
18	Mehmood Khan, Ajmal Khan	Car Rental System	Miss. Bushra Quyam

## Faculty of Arts & Basic Sciences

### Department of Physics

S.No.	Name of Students	Title	Supervisor
1	Ayehsa Parveen (MS Thesis)	Structural, Magnetic and Dielectric behavior of Zinc Substituted Cobalt Cadmium Ferrites Prepared Via Microemulsion Method	Dr. H M Noor ul Huda Khan Asghar
2	Furhaj Ahmed Sheikh (MS Thesis)	Impact of Bismuth on the Properties of Cobalt-Cadmium Spinel Ferrites Synthesized Via Chemical Route	Dr. Zaheer Abbas Gilani
3	Zahra (MS Thesis)	Quality Assurance and Treatment Planning for External Beam Radiotherapy	Dr. Jalil Ur Rehman
4	Sumayya Abdul Wadood (MS Thesis)	Preparation and Characterization of Nanomaterials for Quantum Dot synthesized Solar Cells	Prof. Dr. Tasneem Zahra Rizvi
5	Zulfiqar Ali (MS Thesis)	Preparation & Characterization of Graphene Based Materials	Prof. Dr. Tasneem Zahra Rizvi
6	Abdul Qayyum (MS Thesis)	Elemental Analysis of Copper ores of (Saindak) Balochistan by Pixe Technique	Prof. Dr. Hamdullah Khan Tareen
7	Sirajul Islam (BS Project)	Magnetic Properties of Ferrites	Dr. H M Noor ul Huda Khan Asghar
8	Muhammad Kamran Nawaz (BS Project)	Dielectric Properties of Ferrites	Dr. Zaheer Abbas Gilani
9	Amir Farooq (BS Project)	Geo-Relationship between Cancer Cases and the Environment by GIS: A case study of Balochistan in Pakistan	Dr. Jalil Ur Rehman
10	Awais Ahmed Athar Khan (BS Project)	A Review Reports on Plasma Physics	Prof. Dr. Hamdullah Khan Tareen
11	Murtaza (BS Project)	Dye Sensitized Solar Cell (DSSC)	Prof. Dr. Tasneem Zahra Rizvi
12	Abdul Qayyum Baidini	Elemental Analysis of Copper ore of Saindak (Balochistan) by PIXE Technique	Prof. Dr. Hamdullah Khan Tareen
13	Muhammad Athar Khan Bazai	A Review Report on Plasma Physics	Prof. Dr. Hamdullah Khan Tareen







# 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

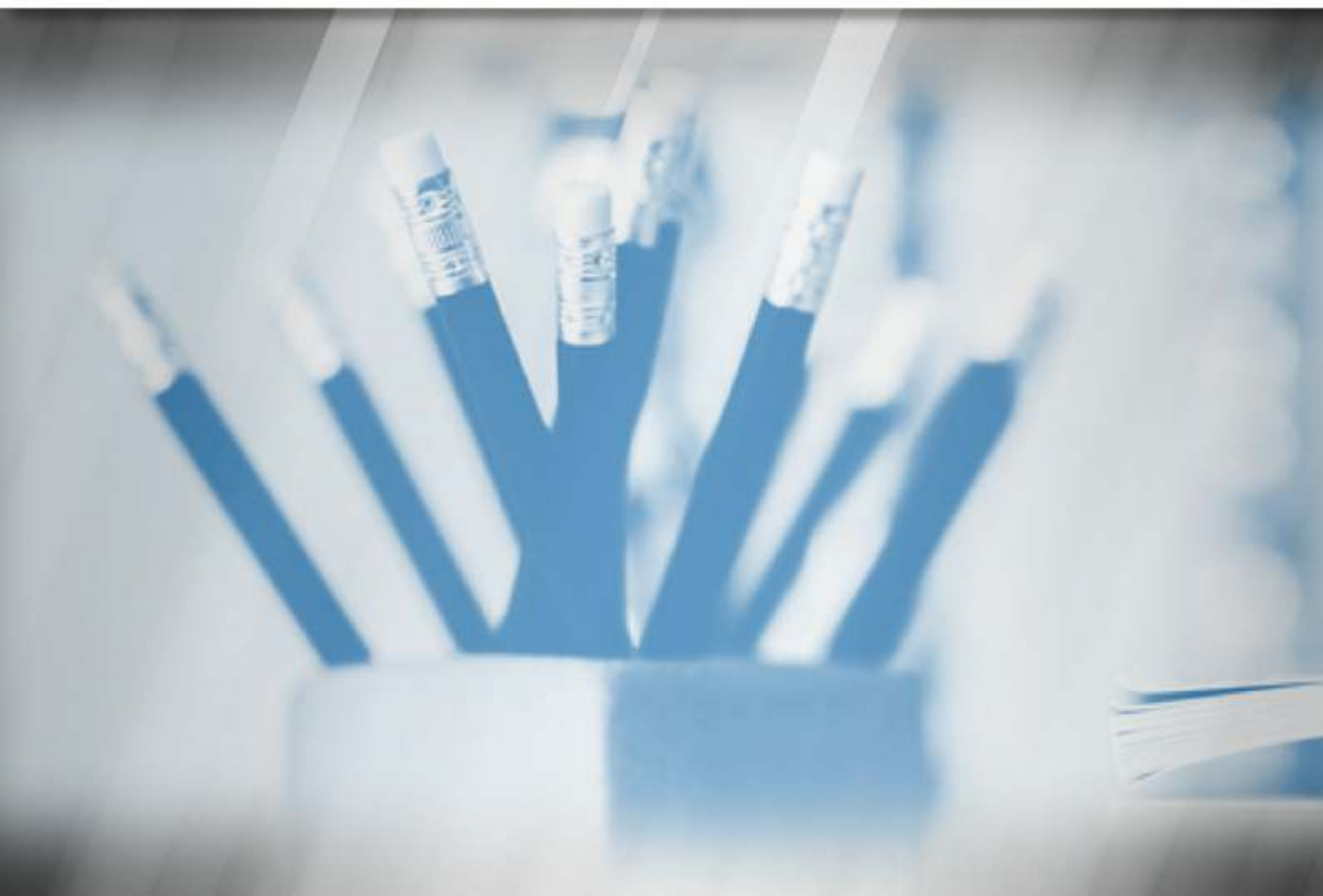


## BUITEMS JOURNAL OF SOCIAL SCIENCES AND HUMANITIES





# Conferences



## International Conference on “World Trends in Freedom of Expression and Media Development”

An International Conference on "World Trends in Freedom of Expression and Media Development; A Pakistani Perspective on UNESCO Report" was organized on February 27, 2017 by the Institute of Communication Studies University of the Punjab, Pakistan in collaboration with Journalism and Media



International Center (JMIC) at Oslo, Norway; Oslo Metropolitan University, Norway, United Nations Educational

Scientific and Cultural Organization (UNESCO); and Association of Media and Communication Academic Professionals (AMCAP), Pakistan. This conference was attended by ambassadors from Sweden, Norway and Germany, renowned journalists from Pakistan and academicians. Mr. Tariq Mahmood, Assistant Professor from the Department of Mass Communication represented BUIITEMS in this conference as a speaker on the topic, *Trends in Media Pluralism*.



## Two-Day International Conference on Contemporary Pakistan

Two-day International Conference on Contemporary Pakistan was conducted on March 6-7, 2018 at the Department of Political Science & International Relations University of Gujrat, sponsored by HEC. Mr. Abdul Wadood, Chairperson Department of International Relations, presented his paper on the topic “Census 2017 and Balochistan: Investigating the Influx of Afghan Refugees and its Consequences”. Well known national and foreign scholars participated in the conference. Topics of wide range linked to FATA & Balochistan were discussed in the conference.



## 1st International Conference on Advances in Engineering & Technology (ICAET-2018)

BUIITEMS in collaboration with Higher Education Commission HEC), British Council, Metallurgical Corporation of China (MCC) and IOP Science organized 1st International Conference on Advances in Engineering & Technology (ICAET-2018) on April 02-03, 2018 at Takatu Campus BUIITEMS Quetta under the theme of "Sharing the ideas".



The Chief Guest of the inauguration ceremony was the Governor of Balochistan and Chancellor BUIITEMS, Mr. Muhammad Khan Achakzai. The conference Chair and Dean Faculty of Engineering & Architecture, Dr. Muhammad Najam Malghani informed the participants that over 200 papers were submitted for review whereas only 75 papers were selected for this conference and these paper be published in IOP science journal of Material Science & Engineering indexed in Thomson Reuters / web of Science. in closing ceremony on April 03, 2018 Vice Chancellor BUIITEMS and Conference General Chair, Ahmed Farooq Bazai (SI) thanked the delegates for visiting BUIITEMS and enlightened the guests on the scope of the conference.



## TEC Education Foundation Conference

The Certified Educators Conference was organized by TEC, in collaboration with HEC & Microsoft in four places; Islamabad, Lahore, Karachi & Quetta. The Quetta chapter conference was conducted at Orange Hall, BUITEMS on 12th July 2018. Worthy Vice Chancellor BUITEMS, Ahmed Farooq Bazai, (S.I) was the guest of honor. Senator, *Engr. Rukhsana Zuberi*, President TEC Education Foundation was also present at the occasion. The conference



was mainly focused to highlight the importance of International IT certifications for students and staff, distribution of certificates to high achievers along with to have an open discussion between various universities on their past two years' experience, the issues faced by them, and also to give their suggestions for the better use of Microsoft Office Specialist Exams. Directorate of IT BUITEMS, conducted the MOS exams for the students and staff of BUITEMS in HBL Computing lab during June 2016. Out of 800 registered applicants 335 were successful to achieve the certificates in Microsoft Word, MS Excel, and MS Powerpoint.

## Participation in “International Conference on Lasers, Optics and Photonics”

BUITEMS is known for its quality education and research. BUITEMS Research scholars are regularly participating in global forums to share their valuable input in research. In this connection Muhammad Luqman Haider Laboratory Engineer from Department of Telecommunication Engineering, BUITEMS supported by HEC Pakistan presented his research paper on “Reduction of Stress Induced Bending in the MEMS Suspended Membrane”.in “International Conference on Lasers, Optics and Photonics (Optic-2018)” held in Osaka, Japan on July 25-26, 2018.



## Pure Mathematics Conference



The 19th International Pure Mathematics Conference 2018, on Algebra, Analysis, and Geometry was held on August 16, 2018 in Islamabad, sponsored jointly by Advanced Institute of Mathematical Sciences (AIMS), Pakistan Mathematical Society (PMS), and The Islamia University of Bahawalpur. The main aim of this conference was to provide opportunity to researchers and professionals to discuss mathematical challenges of common interests and develop interaction among faculty of Mathematics, natural sciences and engineering. Dr. Abdul Ghaffar Jaffar, Associate Professor Department of

Mathematical Sciences participated in the conference as a forum speaker. On the topic “The family of  $2n$ -point binary non-stationary subdivision schemes”.



## ICMSN 2018 conference university of Balochistan

1st International Conference on Material Science and Nanotechnology (ICMSN-2018) held at University of Balochistan, Quetta, Pakistan hosted jointly by HEC and Physics department, UOB on September 3-4, 2018. Faculty members, MS and BS students from department of physics, BUIITEMS actively participated and presented twelve papers in the conference.

## International Conference on Social Sciences

The 5th International Conference on Social Sciences (ICOSS 2018) was conducted on September 20-21, 2018, in Colombo, Sri Lanka. Researchers and academicians in the field of social sciences from across the world attended the conference. Out of a total of 217 abstracts, only 12 abstracts were selected from Pakistan. Miss Sania Sabir, Lecturer Economics Department BUIITEMS; not only represented Pakistan but also BUIITEMS at the international conference, on the topic "The Role of UNHCR in preventing an identity crisis among Afghan Refugee Children" which was highly appreciated by the participants.



## An International Conference on "BRI, CPEC and the Muslim World in the Global Media"



An International Conference on "BRI, CPEC and the Muslim World in the Global Media: Rhetoric and Reality", was organized by the Department of Media and Communication Studies, International Islamic University Islamabad in collaboration with Higher Education Commission – Pakistan, Zhenghe International Peace Foundation, China, and CPEC Center, from October 15-17, 2018 at Institute of Development Economics Pakistan. Mr. Tariq Mehmood assistant professor from the Department of Mass Communication BUIITEMS presented his research paper on, *Comparative news framing on the Belt and Road Initiative by*

*the U.S, Indian and Chinese media*. One hundred researchers from different countries participated in the conference. The main agenda of the conference was based on monetary support and cultural exchanges, Pakistan's image in the Muslim world and South-Central Asia and its relationship with China: historical background and its reality. The participants highlighted the role of media as a significant body in shaping international relations.

## ISOCARD Conference 2018

The 5th Conference of the International Society of Camelid Research and Development (ISOCARD) was held in Laâyoune, Morocco from November 12-15, 2018. This conference was introduced by scholars doing research on camels under the high patronage of His Majesty King Mohammed VI. 280 researchers from 35 countries participated in this conference. Professor Dr. M Naeem Shahwani, Director ORIC-BUIITEMS, presented his research paper titled "Ethno-veterinary practices in camel and other livestock in Balochistan, Pakistan". His research work was highly praised by the renowned scholars.



## International Conference on Computing, Electronic, and Electrical Engineering at BUITEMS, Quetta (ICE Cube 2018)

ICE Cube is a biennial conference series conducted by FICT, BUITEMS in technical collaboration with the Institute of Electrical and Electronic Engineers (IEEE). ICE Cube signifies gathering of researchers and professionals who are excited about ground-breaking technologies in the field of computing, electronic and electrical engineering.



In this regard, The 2nd international conference on Computing, Electronic and Electrical Engineering (ICE CUBE 2018) was organized on November 12-13, 2018 at BUITEMS, Quetta, jointly supported by IEEE (Institute of Electronic and Electrical engineering), HEC, BUITEMS, NIC Quetta, Fulbright, Haier, PSF, ECOSF A & J Def Tek consultants and Huawei, Google, Asian council of science editors (ACSE), and Digital Films. More than 100 researchers, and 3 keynote speakers and 8 distinguished speakers presented their work to more than 500 participants in the conference. The conference also consisted of three tutorial sessions.



This time, 138 full technical papers were submitted to the conference by researchers from different countries where, 42 high-quality papers were selected for presentation. The conference started with the welcome note to by Vice Chancellor BUITEMS, Followed by different sessions in various halls. In the closing ceremony, the Conference General Chair Mr. Ahmed Farooq Bazai thanked all guests and



appreciated the efforts of organizing committees. Finally, the Chief Guest, the Chief Secretary of Baluchistan Dr. Akhtar Nazir, shared his views about the conference and also emphasized on the need of measures for the development of Baluchistan.



**International Conference on Surfaces, Coatings and Nanostructured Materials" (NANOSMAT-Africa)**

NANOSMAT is an established name in Nanoscience and Nanotechnology conferences. NANOSMAT conferences provide a unique platform for discussing key aspects of materials-related Nanoscience and Nanotechnology. Their conference series fosters talented people to exchange ideas, share new knowledge and technical know-how in the broad NANO fields. The first ever African Chapter of the established "International Conference on Surfaces, Coatings and Nanostructured Materials" was held in Cape-Town, South Africa during 19-23 November 2018. Dr. Hamdullah Khan Tareen, Professor Physics department BUIITEMS participated in the conference where HE chaired a session and also presented his paper on "Gamma irradiation-induced phase transitions of boron nitride nanoparticles". In this research work, a simple method was reported to synthesis o-BN nanoparticles (o-BNNPs) via gamma irradiation induced phase transition of hexagonal boron nitride nanoparticles (h-BNNPs). During this conference a research collaboration was also extended between Plasma physics Material laboratory, BUIITEMS and iThemba LABS, Somerset West, Cape-Town South Africa.



## Conference of Thermal Sciences and Engineering, ENCIT 2018

Dr. Sardar Muhammad Hussain, Assistant professor, Department of Mathematical Sciences, BUIITEMS, presented his paper titled 'A matrix solver approach for simulation of circular in homogeneities by the analytic element method' in the 17th Brazilian Congress of Thermal Sciences and Engineering, ENCIT 2018. in Aguas de Lindoia, Sao Paulo Brazil between November 25-28, 2018. This Research paper highlighted the high-quality research conducted particularly in Balochistan, Pakistan.



## Chairing 3rd Conference on Pakistani Narrative



Naima Bilal Minhas, Assistant Professor English department chaired the 3rd International Conference on Literature organized by University of Sargodha, Mandi Bahuddin Campus on 19th December, 2018.

She chaired the session on Pakistan Movies and Cyber Literature.





# Seminars



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

**Economic Issues and Challenges**  
 Faculty and Students of Economics Department  
 City Campus, BUIITEMS  
 April 2, 2018  
 Ms. Sahar Faiz khan, (Assistant Professor Department of Economics, BUIITEMS) Dr. Usman Azher (Assistant Professor Department of Economics, BUIITEMS)  
 Department of Economics, BUIITEMS  
 Mr. Syed Muslim Hasany (Chartered Accountant and American Certified Public Accountant)



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

**Association for Computing Machinery (ACM)/ How to Survive in the Software Market**  
 Students of BS Sturdy Program  
 BUIITEMS  
 April 20, 2018  
 Mr. Anees ur Rehman (Founder and CEO of Dreamstech Solutions), Mr. Zubair (Lecturer Software Engineering Department, BUIITEMS) Mr. Imran Khan (Career Services Manager, BUIITEMS),  
 Mr. Inzamam Ullah, President BUIITEMS ACM Student Chapter  
 Directorate of University Advancement & Financial Assistance, BUIITEMS & FICT, BUIITEMS



<b>Theme:</b>	<b>Career Development through Scholarships</b>
Organized for:	Students and Faculty Members of Department of Economics
Venue:	City Campus BUITEMS
Held On:	May 03, 2018
Resource Persons:	Mr. Muhammad Jawad Khan (Assistant Professor & Chairperson Department of Economics at BUITEMS), Mrs. Faiza Marri (district supervising officer at UNICEF), Mr. Hammal (Assistant Professor of International Relations).
Organized by:	Department of Economics
Coordinated by:	Ms. Sahar Faiz Khan Assistant Professor Department of Economics



<b>Theme:</b>	<b>Biosciences and Genetic Engineering</b>
Organized for:	Students of Department of Biotechnology
Venue:	BUITEMS, Quetta
Held On:	May 3rd, 2018
Resource Persons:	Dr. Rozeena Shaikh, Prof. Dr. Muhammad Naeem Shawani (Director ORIC), Dr. Saif ur Rehman, Dr. Shahjahan Shabbir Ahmed Rana, Prof. Dr. M.A.K. Malghani
Organized by:	Dr. Agha Muhammad Raza (Chairman Dept. of Microbiology).
Coordinated by:	Directorate of ORIC, BUITEMS



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

**Overview of Pakistan’s Fiscal Budget**  
 Students and Faculty  
 Takatu campus BUIITEMS  
 May 07, 2018  
 Dr. Kaiser Bengali (Author/Editor)  
 Mr. Muhammad Jawad Khan, Chairperson Department of Economics  
 Dr. Abdul Raziq, Faculty Coordinator Faculty of Management Sciences, BUIITEMS



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

**Warm Mix Asphalt Technology for 21<sup>st</sup> Century**  
 The Faculty members and students of Department of Civil Engineering  
 BUIITEMS Takatu Campus  
 August 10, 2018  
 Dr. Muhammad Rafique Kakar, Deputy Director at National Highway Authority, Pakistan,  
 Department of Civil Engineering  
 Dr. Saeedullah Jan Mandokhail, Chairperson Department of Civil Engineering





<b>Theme:</b>	<b>Ion Beam Accelerators for Science and Futuristic Technologies</b>
Organized for:	Research students of BS/MS and faculty members
Venue:	Purpal Hall, BUIITEMS
Held on:	August 31, 2018
Resource Persons:	Dr. Ishaque Ahmed, Chief Scientist/Director of Experimental Physics (Accelerator) from National Center for Physics, Islamabad,
Organized by:	Dr. Syed Zaheer Abbas Gillani Associate Professor, Department of Physics, BUIITEMS
Coordinated by:	Department of Physics, BUIITEMS



<b>Theme:</b>	<b>Future of Balochistan with prevailing Drought status quo</b>
Organized for:	Students and Faculty members
Venue:	Orange Hall, BUIITEMS
Held on:	September 13, 2018
Resource Persons:	Mr. Ali Dost Baloch (Area Program Manager from IR), Dr. Malik Muhammad Akhtar, Dr. Jamil Ahmad (Dean FLSI), Dr. Zahoor Bazai (Director QA, UOB), Capt. Ret. Muhammad Tariq (Director General EPA), Mr. Naseebullah Tareen (Area Program Manager IUCN), Mr. Yahya Musakhail (Area Program Manager WWF), Ms. Neelofar Jamil (Assistant Professor SBKWU), Dr. Muhammad Shareef Buzdar (HOD Soil Sciences Dept. Agriculture college Quetta).
Organized by:	Chairperson Department of Environmental Science
Coordinated by:	Islamic Relief Quetta



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

**Awareness Session on the Cultural Exchange Programs in USA**  
 Students  
 City Campus BUIITEMS  
 September 14, 2018  
 Ms. Laila, Ms. Rida, Ms. Mahgul, and Ms. Sidra from SUSI (Study of the US Institutes), under the supervision of Mr. Muhammad Jawad Khan, Chairperson Department of Economics  
 Muhammad Jawad Khan, Chairperson Department of Economics  
 Alumni of Global UGRAD Pakistan



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

**Career planning and Digital Transformation**  
 Students of FICT, Department of Mathematics and FMS  
 Takatu Campus, BUIITEMS  
 Nov 22, 2018  
 Mr. Saleem and Mr. Asif, IT company with offices in Dubai, Kenya, Sweden and Pakistan.  
 BUIITEMS with collaboration Peritus Company  
 Directorate of University Advancement & Financial Assistance, BUIITEMS/ Career Services Office BUIITEMS



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

**Transformation in Global Politics**  
 Students' International Relations.  
 Takatu Campus, BUIITEMS  
 November 29, 2018  
 Prof. Dr. Zafar Nawaz Jaspal, School of Politics and International Relations, Quaid-e-Azam University, Islamabad  
 Department of International Relations  
 Mr. Abdul Wadood, Chairperson, department of International Relation







# Workshops



<b>Theme:</b>	<b>English for Administration</b>
Organized for:	Administration
Venue:	Takatu Campus, BUIITEMS
Held On:	January 24- 26, 2018
Resource Persons:	Dr. Liaqat Ali Channa, Associate Prof. Dept. of English, FABS, Mr. Manzoor Hussain, Add. Registrar, HR & Acade. Mr. Babar Faiz Baloch, Add. Director, Finance
Organized by:	Directorate of Human Resource Development, BUIITEMS
Coordinated by:	Ms. Fakhra Ramzan, Director Human Resource Development



<b>Theme:</b>	<b>Retrofitting and strengthening of existing structures/ infrastructures</b>
Organized for:	Students and Faculty members
Venue:	NED UET Karachi
Held On:	February, 23-24, 2018
Resource Persons:	Engr. Syed Jahanzaib Shah (Assistant Professor Department of Civil Engineering, BUIITEMS), Engr. Shiva Nath (Lecturer Department of Civil Engineering, BUIITEMS),
Organized by:	Department of Earthquake Engineering NED UET Karachi
Coordinated by:	Department of Civil Engineering, BUIITEMS



<b>Theme:</b>	<b>Equipment Installation and their Uses</b>
Organized for:	Students of Department of Mining Engineering
Venue:	JICA Hall BUITEMS
Held On:	March, 19, 2018
Resource Persons:	Engr. Muhammad Farooq, Supplier (COSMOS Science Corporation Islamabad),
Organized by:	Department of Mining Engineering
Coordinated by:	Engineer Zaheer Ahmed, Chairperson, Department of Mining Engineering



<b>Theme:</b>	<b>Engineering Drawing Training Workshop</b>
Organized for:	Students
Venue:	BUITEMS
Held On:	June 26, 2018
Resource Persons:	Engr. Umer Iftikhar Mir, Lab Engineer, Department of Electronic Engineering, BUITEMS
Organized by:	Department of Electronic Engineering
Coordinated by:	Engr. Umer Iftikhar Mir, Lab Engineer, Department of Electronic Engineering, BUITEMS



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

**Found In Translation**  
 Students of Department of Architecture  
 Takatu Campus BUIITEMS  
 May 18 to July 6, 2018  
 Ar. Usman & Ar. Babar Khan  
 Department of Architecture  
 Ar. Umer Ahmed and Ar. Babar Khan



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

**Innovation Management in Theory & Practice**  
 Students  
 City Campus BUIITEMS  
 July, 12, 2018  
 Dr. Abdullah Ismail, Assistant Professor & Management Consultant  
 in Several Renowned Universities  
 Registrar's office BUIITEMS  
 Faculty of Management Sciences, BUIITEMS





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

**Teaching in 21st Century, Challenges, Key Skills and Innovation**  
 Faculty members and students of FABS  
 BUITEMS  
 August 13, 2018  
 Miss Tahira Bano, Renowned Educationist Serving in Florida  
 Department of Education  
 Dr. Rani Gul, Assistant Professor, Faculty of Arts & Basic Sciences



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

**Advanced MS-Excel**  
 NADRA and BUITEMS staff  
 BUITEMS  
 September 11-13, 2018  
 Mr. Ahsan Achakzai (a leading expert on MS-Excel)  
 BUITEMS Executive Education Center (BEEC)  
 Mayen Khan, Marketing Manager, BUITEMS



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

**Fundamentals of Research Process for Effective Writing of Research Articles**  
 Faculty and MS students of Arts & Basic Sciences BUIITEMS  
 Takatu Campus, BUIITEMS  
 September 24, 2018  
 Dr. Liaqat Ali Channa, Associate Prof. Dept. of English, FABS, BUIITEMS, Dr. Abdul Manan, Associate Prof. Dept. of English, FABS, BUIITEMS Dr. Rani Gul, Assistant Prof. Dept. of English, FABS, BUIITEMS  
 Directorate of Human Resource Development in collaboration with Faculty of Arts & Basic Sciences, BUIITEMS  
 Ms. Fakhra Ramzan, Director Human Resource Development and Dr. Rani Gul, Assistant Prof. Dept. of Education, FABS, BUIITEMS



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

**Outcome Based Education System**  
 Faculty of Engineering BUIITEMS  
 Takatu Campus, BUIITEMS  
 September 26-27, 2018  
 Dr. Abdul Majeed, Assistant Prof. COMSATS, Islamabad  
 Directorate of Human Resource Development in collaboration with Faculty of Engineering & Architecture, BUIITEMS  
 Ms. Fakhra Ramzan, Director Human Resource Development and Kamran Sami, Dean Faculty of Engineering, BUIITEMS



**Theme:**

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Coordinated by:

**Design & Analysis of MEMS Devices; Using Finite Element Modelling in COMSOL Multiphysics**

Faculty of Information & Communication Technology, BUIITEMS

Takatu Campus, BUIITEMS

November 12, 2018

Mr. Luqman Haider, Lab. Engineer, Telecom, FICT, BUIITEMS

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

Dr. Yousuf Khan Nudhani, Assistant Professor, Department of Electronics, FICT and Ms. Fakhra Ramzan, Director Human Resource Development, BUIITEMS



**Theme:**

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Coordinated by:

**Radio Frequency Planning and Optimization**

Students of FICT

Takatu Campus, BUIITEMS

November 21-26, 2018

Engr. Hameedullah, Telecom Professional Trainer and Drive Test Engineer from Telenor.

Department of Telecommunication Engineering, FICT

Mr. Haider Ali, Mr. Luqman Haider – Lab Engineers Department of Telecommunication Engineering



**Theme:**

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Coordinated by:

**Business Communication Skills**

NADRA, Balochistan Education Foundation (BEF) &amp; State Bank of Pakistan

BUIITEMS, UA&amp;FA Meeting Hall

November 20-22, 2018

Mr. Habib Mengal an expert in the field of executive level trainings

BUIITEMS Executive Education Center (BEEC)

Mayen Khan, Marketing Manager, BUIITEMS





# Trainings



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

**Four Weeks Professional Development Program**

Newly Inducted Teaching Faculty

Takatu Campus, BUITEMS

February 26th to March 22, 2018 Closing March 30, 2018

Engr. Ahmed Farooq Bazai, Vice Chancellor BUITEMS, Zafarullah, Assistant Prof. FABS, Aqsa Maryam, Lecturer, FABS, Ghina Saleem, Assistant Prof., FABS, Dr. Abdul Samad, Assistant Prof. FICT, Muhammad Ali, Lecturer, FMS, Asmatullah Khan, Assistant Prof. FABS, Muhammad Jawad, Assistant Prof. FMS, Qazi Abdul Rehman Arif, Add. Controller Examination, Dr. Muhammad Nadeem, Associate Prof. FICT, Ahsan Achakzai, Assistant Prof. FMS, Rukia Magsi, Assistant Prof. FMS, Habib Khan, Program Officer, Dr. Abdul Raziq, Associate Prof. FMS, Khalida Durrani, Assistant Prof. FMS, Farhan Elahi, Assistant Prof. FICT, Dr. Bushra Khurram, Assistant Prof. Uni. Of Karachi, Dr. Liaquat Ali Channa, Associate Prof. FABS Muhammad Shah Khan, Assistant Prof. FMS, Ali Kakar, Assistant Prof. FMS Dr. Sri Chand, Medical Centre BUITEMS, Dr. Nafeesa Jamil, Medical Centre, BUITEMS, Manzoor Hussain, Add. Registrar, BUITEMS, Qadeem Kakar, Add. Registrar, BUITEMS, Hafsa Ashraf, DIT BUITEMS, Basma Ashraf, DIT BUITEMS, Karim Khan, Security Officer, BUITEMS, Mehmood Ur Rehman, Director P&P, BUITEMS, Rabia Aijaz, DIT BUITEMS, Sanaullah Faiz, DIT BUITEMS, Dr. Ghazan, Bozai, Consultant, Dr. Aliya Rub, Consultant Video Conferencing USA, Dr. M.A.K. Malghani, Professor BUITEMS, Dr. Nazeer Ahmed, Dean Graduate Studies BUITEMS, Asma Yousafzai, Assistant Prof. FLS&I, Shahrukh Riaz, Assistant Prof. FICT

**Organized by:**  
**Coordinated by:**

Directorate of Human Resource Development, BUITEMS

Ms. Fakhra Ramzan, Director Human Resource Development, BUITEMS



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

**Computer Assisted Language Learning (CALL)**  
 Faculty Members, Staff  
 HEC Regional Centre Lahore  
 Feb 26th to March 2nd 2018  
 Ms. Farhat Farooqi (lecturer Dept. of English BUIITEMS), Mr. Rustam, Ms. Afia,  
 Learning Innovation Division HEC  
 Mr. Nazeer Hussain Director General HEC Regional Center Lahore



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

**Promoting Entrepreneurship through Simulation (PETS)**  
 Students of Management Sciences  
 Pink Hall at Takatu campus BUIITEMS  
 March 15 2018  
 Aftab Alam (focal person for Promoting Entrepreneurship through Simulation (PETS)), Prof. M. A. K. Malghani, Dr. Ehsan Ullah Kakar, Mr. Rahim Shah,  
 Dr. Noor Muhammad, Associate Professor, Department of Management Sciences, BUIITEMS  
 Rehan Bazai, Assistant Professor, Department of Management Sciences, BUIITEMS



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

**IEEE Xplore and IEEE Xplore Challenge**  
 Chairpersons, faculty members and students  
 Green Hall, BUIITEMS  
 March 19, 2018  
 M. Rashid Pervez, Majid Murtaza Lodhi (Manager IT).  
 The Faculty of Information & Communication Technology (FICT) and IEEE Student Branch BUIITEMS  
 Mr. Farhan Elahi, Assistant Professor, Faculty of Information & Communication Technology (FICT); Dr. Bushra naeem Associate Professor, Faculty of Information & Communication Technology (FICT)



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

**Reading Club session**  
 Teachers and Students of English department  
 Training hall BUIITEMS  
 March 22, 2018  
 Dr. Emad Ansari (Assistant Professor Law Department, Lahore University of Management Sciences (LUMS)),  
 Department of English  
 Mohammad Yasir Khan, Lecturer, Department of English, BUIITEMS





<b>Theme:</b>	<b>Leadership &amp; Team Building</b>
Organized for:	NADRA, AG office, State Bank
Venue:	Training Room, BUIITEMS
Held On:	March 27-29, 2018
Resource Persons:	Muhammad Shah Khan, Director, Directorate of University Advancement & Financial Assistance, BUIITEMS
Organized by:	BUIITEMS Executive Education Center (BEEC)
Coordinated by:	Hisab Magsi, Manager Donner & Corporate Relation, BEEC; Syed Qudratullah, Manager Training, BEEC



<b>Theme:</b>	<b>Equipment Installation</b>
Organized for:	Faculty members of Department of Mining Engineering
Venue:	Mining Engineering Lab, JICA Hall, BUIITEMS
Held On:	April 10, 2018
Resource Persons:	Engr. Zaheer Ahmad Kasi, Chairperson Department of Mining Engineering
Organized by:	Department of Mining Engineering
Coordinated by:	Department of Mining Engineering



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

**Effective Research Group**  
 Teaching Faculty of BUIITEMS  
 Takatu Campus, BUIITEMS  
 April 13, 2018  
 Dr. Zartash Uzmi, Associate Professor LUMS, Lahore, Dr. Ali Hassan, Assistant Professor, NUST, Islamabad  
 Directorate of Human Resource Development in collaboration with Faculty of Information & Communication Technology, BUIITEMS  
 Ms. Fakhra Ramzan, Director Human Resource Development



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

**Capacity Building Workshop on Managing Digital Resources through DSPACE**  
 Librarians of Balochistan  
 Takatu Campus, BUIITEMS  
 April 25-27, 2018  
 Syed Habib Jaffri, Project Coordinator, PASTIC, Sher Afzal, Consultant Training, PASTIC  
 Directorate of Human Resource Development in collaboration with Library Staff of BUIITEMS  
 Ms. Fakhra Ramzan, Director Human Resource Development and Mushtaq Ali, Librarian BUIITEMS



<b>Theme:</b>	<b>Deep Learning</b>
Organized for:	Faculty and MS Students of FICT BUITEMS
Venue:	Takatu Campus, BUITEMS
Held On:	June 4-8, 2018
Resource Persons:	Dr. Abdul Samad, Assist. Prof. Computer Science, FICT, BUITEMS
Organized by:	Directorate of Human Resource Development in collaboration with FICT BUITEMS
Coordinated by:	Ms. Fakhra Ramzan, Director Human Resource Development and Dr. Faisal Khan Kakar, Dean FICT BUITEMS



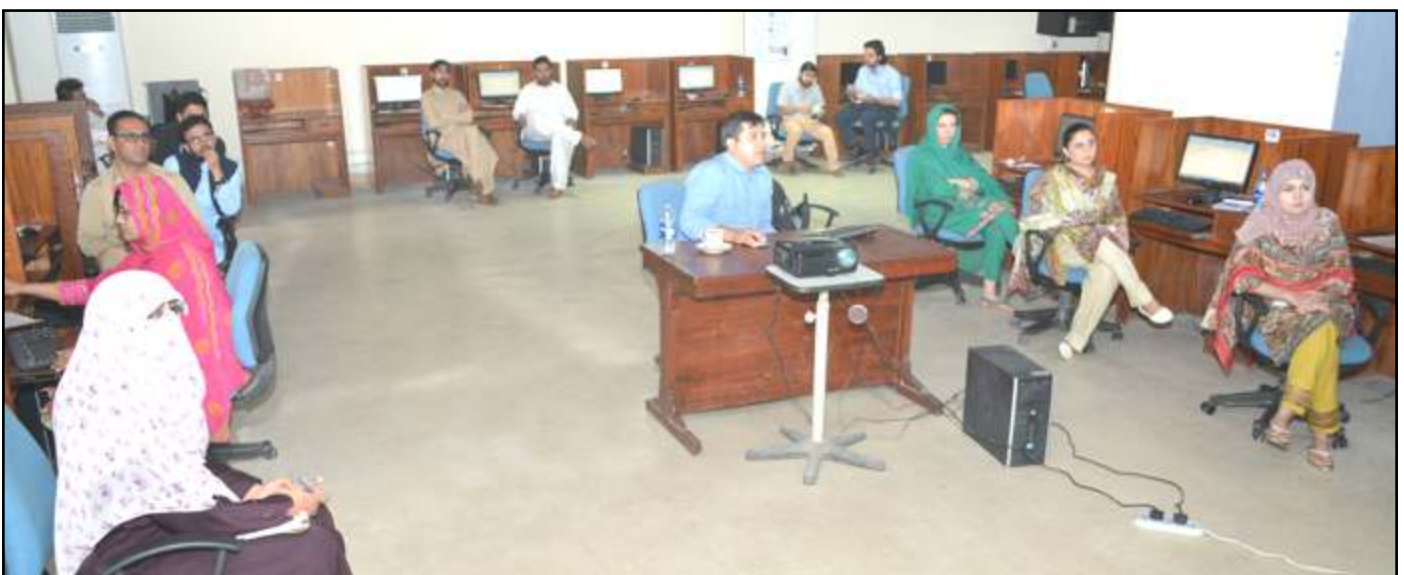
<b>Theme:</b>	<b>Freelancing &amp; Communication Skills</b>
Organized for:	Afghan Students
Venue:	Training Room BUITEMS
Held On:	July 2-3, BUITEMS
Resource Persons:	Mr, Jahanzaib, Trainer, Miss Palwasha, Trainer
Organized by:	BUITEMS Executive Education Center (BEEC)
Coordinated by:	Hisab Magsi, Manager Donner & Corporate Relation, BEEC; Syed Qudratullah, Manager Training, BEEC



<b>Theme:</b>	<b>MS- Excel &amp; SAP Budgeting</b>
Organized for:	Finance Department
Venue:	CISCO Lab, BUITEMS
Held On:	August 6-9, 2018
Resource Persons:	Ahsan Achakzai, Director CPEC Center, BUITEMS
Organized by:	BUITEMS Executive Education Center (BEEC)
Coordinated by:	Syed Quadratullah, Manager Training, BEEC



<b>Theme:</b>	<b>Advanced MS-Excel</b>
Organized for:	NADRA and BUITEMS staff
Venue:	Digital Library, BUITEMS
Held On:	September, 11-13, 2018
Resource Persons:	Ahsan Achakzai, Director CPEC Center, BUITEMS
Organized by:	BUITEMS Executive Education Center (BEEC)
Coordinated by:	Mayen Khan, Marketing Manager, BUITEMS



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

**Importance of Professional Presence at Work Place**  
 Administration, BUIITEMS  
 Takatu Campus, BUIITEMS  
 October 16, 2018  
 Dr. Faisal Khan Kakar, Dean FICT, BUIITEMS, Mr. Manzoor Hussain, Add. Registrar, HR & Acade  
 Directorate of Human Resource Development in collaboration with Registrar Office, BUIITEMS  
 Ms. Fakhra Ramzan, Director Human Resource Development and Jamal Mustafa, Registrar, BUIITEMS



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

**Spectrophotometric Techniques**  
 Faculty of Life Sciences & Informatics, BUIITEMS  
 Takatu Campus, BUIITEMS  
 October 31, 2018  
 Dr. Gulfam Nasar, Assistant Professor, Dept. of Chemistry, BUIITEMS  
 Directorate of Human Resource Development in collaboration with Faculty of Life Sciences & Informatics, BUIITEMS  
 Ms. Fakhra Ramzan, Director Human Resource Development and Dr. Nawaz, Chairperson Chemistry, BUIITEMS



**Theme:** Cooperative Communication for Wireless Sensor Network and Next Generation Networks

**Organized for:** Faculty of Information & Communication Technology, BUIITEMS

**Venue:** Takatu Campus, BUIITEMS

**Held On:** November 12, 2018

**Resource Persons:** Dr. Ali Hassan, Assistant Professor, SEECS, NUST Islamabad

**Organized by:** Faculty of Information & Communication Technology in collaboration with Directorate of Human Resource Development BUIITEMS

**Coordinated by:** Dr. Yousuf Khan Nudhani, Assistant Professor, Department of Electronics, FICT and Ms. Fakhra Ramzan, Director Human Resource Development, BUIITEMS



<b>Theme:</b>	<b>Introduction to Finite Difference Time-Domain Simulation Method for Electromagnetism and Photonics</b>
Organized for:	Faculty of Information & Communication Technology, BUITEMS
Venue:	Takatu Campus, BUITEMS
Held On:	November 13, 2018
Resource Persons:	Dr. Yousuf Khan Nudhani, Assistant Professor, Department of Electronics, FICT, BUITEMS
Organized by:	Faculty of Information & Communication Technology in collaboration with Directorate of Human Resource Development BUITEMS
Coordinated by:	Dr. Yousuf Khan Nudhani, Assistant Professor, Department of Electronics, FICT and Ms. Fakhra Ramzan, Director Human Resource Development, BUITEMS



<b>Theme:</b>	<b>Data Analysis Techniques by using SPSS and STATA</b>
Organized for:	Faculty and MS Students of Faculty of Arts & Basic Sciences, Faculty of Management Sciences and Faculty of Life Sciences & Informatics, BUITEMS
Venue:	Takatu Campus, BUITEMS
Held On:	December 4-5, 2018
Resource Persons:	Dr. Channa, Associate Professor, Faculty of Arts & Basic Sciences, Dr. Syed Khair Muhammad, Associate Professor, Faculty of Management Sciences, Dr. Abdul Raziq, Associate Professor, Faculty of Management Sciences, Dr. Akhtar Ali, Economists, CIMMYT, Islamabad (Out Source), Dr. Abdul Salam Lodhi, Director, BUITEMS Zhob Campus, Dr. Noor Muhammad, Associate Professor, Faculty of Management Sciences
Organized by:	Directorate of Human Resource Development BUITEMS in collaboration with International Maize and Wheat Improvement Centre (CIMMYT)
Coordinated by:	Ms. Fakhra Ramzan, Director Human Resource Development, BUITEMS and Dr. Akhtar Ali, Economist, International Maize and Wheat Improvement Centre (CIMMYT)



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

**Outcome Based Education System and Self -Assessment**  
 Teaching Faculty from Engineering Departments of BUIITEMS  
 Takatu Campus, BUIITEMS  
 December 17-18 2018  
 Dr. Zulfiqar Ali, Chairman, Dept. of Mining, UET, Lahore, Dr. Zaka Emad, Dept. of Mining, UET, Lahore, Prof. Dr. Khan Gul Jadoon, Dept. of Mining, BUIITEMS  
 Directorate of Human Resource Development in collaboration with Faculty of Engineering & Architecture, BUIITEMS  
 Ms. Fakhra Ramzan, Director Human Resource Development, BUIITEMS and Dr. Kamran Sami, Dean, Faculty of Engineering & Architecture, BUIITEMS





**Theme:**

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Coordinated by:

**Training Workshop on Fashion Designing**

Tameer-e-Khalq Foundation-TKF, Innovative development Organization- IDO, Taraqee Foundation-TF, SPSPD, WESS and Women Technical Training Center-WTTC L&M dept Takatu Campus, BUIITEMS

December 18 – 19, 2018

Ms. Afshan Jabeen, Ms. Quratul Ain Arif, Ms. Shakeel Tareen

ICRMS in collaboration with UNHCR

Syed Nisar Ahmed



**Theme:**

Organized for:

Venue:

Held On:

Resource Persons:

Organized by:

Coordinated by:

**Slope Stability**

Teaching Faculty Civil, Mining, Geological Engineering Departments and Managers/Final Semester Students of BUIITEMS

Takatu Campus, BUIITEMS

December 19, 2018

Dr. Muhammad Zaka Emmad, Assistant Professor, Mining, University of Engineering & Technology (UET) Lahore

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

Ms. Fakhra Ramzan, Director Human Resource Development, BUIITEMS and Dr. Zaheer Kasi, Chairperson Mining Engineering, Faculty of Engineering & Architecture, BUIITEMS



<b>Theme:</b>	<b>Training on Career Counselling for Afghan Students</b>
Organized for:	Afghan Students
Venue:	Takatu Campus, BUIITEMS
Held On:	December 26 – 27, 2018
Resource Persons:	Mr. Imran Khan, (Career Services Manager, BUIITEMS)
Organized by:	ICRMS in collaboration with UNHCR
Coordinated by:	Syed Nisar Ahmed



<b>Theme:</b>	<b>Afghan Teachers Professional Development</b>
Organized for:	Afghan Teacher
Venue:	Takatu Campus, BUIITEMS
Held On:	September 24 to December 26 2018
Resource Persons:	Mr. Muhammad Shah Khan
Organized by:	BUIITEMS Collaboration with UNHCR
Coordinated by:	Syed Nisar Ahmed





# Achievements



## CPEC Center of Excellence BUITEMS

To give awareness and promote inclusiveness in CPEC projects. Different educational institutions and think-tanks have started developing CPEC Centers of Excellence. In this regard, inauguration ceremony of CPEC Center of Excellence BUITEMS was held at The Balochistan University of Information Technology, Engineering and Management Sciences (BUITEMS), where Governor of Balochistan, Muhammad Khan Achakzai was the chief guest, who said that CPEC is a wonderful opportunity for Pakistan to gain maximum benefit for its people. Chinese Foundation of Peace and Development Deputy Secretary General Wang Hua, BUITEMS Vice Chancellor Engineer Farooq Bazai, Khuzdar Engineering University VC Dr Ahsan Kakar, Loralai University VC Dr Maqsood and other experts in the field of education were present at this occasion.



## Quetta Literary Festival



BUIITEMS organized the first Quetta Literary Festival on 7th & 8th of May 2018 in collaboration with 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 aim behind organizing this festival was to introduce scholars and initiate intellectual debate in 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 & highlighted various aspects in the areas of Fine Arts & Film Making, Contemporary trends in

Journalism and Gender Representation. The festival also provided a forum to the young and emerging writers, filmmakers and artists to showcase their talent and share ideas.

Different session on various themes were conducted during this two day event. Around forty sessions were held starting from 10:00 am to 10:00 pm. The event also gave an opportunity to Quetta based writers and artists with a platform to share their intellectual competence. The event was very well covered by all mediums of media. The event ended on a festive note with a musical concert.







## Establishment of University College of Zhob, BUITEMS

The Higher Education Commission (HEC) has established sub-campus of Balochistan University of Information Technology, Engineering and Management Sciences (BUITEMS) in Zhob, by the name of University College of Zhob (UCoZ). This project was presented in Public Sector Development Programme (PSDP) 2016-17, in which Government of Balochistan requested Planning Commission and Higher Education Commission to establish campus of BUITEMS in Zhob. Accordingly, the Public Investment Programming Section of the Planning Commission approved the project worth of Rs.1260.349 million.



Mainly this project will be established in two phases, firstly, provision of necessary academic facilities and to start the classes at a temporary building provided by the government of Balochistan at Apozai Zhob, secondly, provision of the infrastructure and allied facilities at permanent campus of the University College. Consequently, in the first phase undergraduate academic programs in Computer Sciences, Management science and Economics were started from April, 2018. The initial phase of the project includes construction of 186,688 sq. ft. for academic block, administration block, three hostels (two male and one female), library, cafeteria, gymnasium, masjid, faculty lodges, medical center, boundary wall, cricket and football ground.

## BUITEMS Facilitation Center 2019



To provide counseling & support services, with professionalism, creativity and collaborative spirit to students and staff, The Facilitation Center at BUITEMS was established. The center is a friendly place to address the queries related to any academic and non-academic activity.

This center works through systematic process where, the queries/ issues of faculty and students are efficiently registered and forwarded to relevant departments / focal persons for solutions. The center also works with the guardians/parents in case of emergencies and in Facilitation in clearance, transcript and degree issuance of graduates.

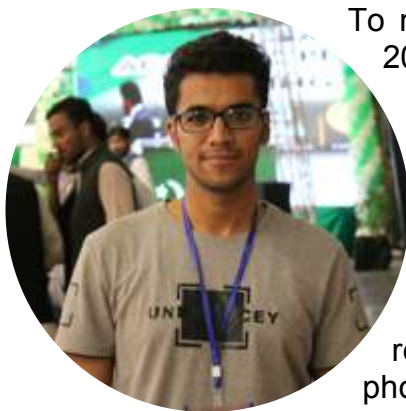


## Final Year Thesis Juries and Display

Department of Architecture conducted the final year thesis juries on, September 28<sup>th</sup>, 2018. Altogether, eighteen students presented their architectural theses projects. Notable projects were *Dystopian Living through Utopian Notions*, and *Kalash Cultural Centre and Architectural Nostalgia*. Prominent Architects from Quetta and Pakistan were invited as jurors to evaluate the work of students. PCATP team appreciated the efforts and work of the students. Theses display was opened for public viewing for two days.



## Winners of the UN Day Asia-Pacific Contest 2018



To mark United Nations Day 2018 held each year on 24 October, the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) invited professional and budding photographers from the region to participate in a photo and animated GIF contest themed, 'The SDGs My Way.' In this regard Zakir Khan Student of Environmental Sciences at Balochistan University of Information Technology Engineering & Management Sciences (BUIITEMS) and member of Students Affairs, Media Club BUIITEMS participated and won the judges' favorite award for his photograph of a child studying at night with limited lighting from the street food stand in a remote area in Balochistan. The winners were announced on 24<sup>th</sup> October 2018 at UN Conference Center Bangkok. Open to photographers of all ages, backgrounds, and skills, the contest drew over 230 creative entries which highlighted how individuals and communities are taking action to achieve the 17 Sustainable Development Goals (SDGs).







# Competitions



## COMPPEC 2018 at College of Electrical and Mechanical Engineering, NUST

Computer Project Exhibition and Competition (COMPPEC) is a prestigious national level competition for Computer related projects which was held in CEME, NUST on June 27-28, 2018. Universities from all over Pakistan participated in the competition. BUIITEMS Students from Department of Software Engineering (Saba Gul & Laila Baloch) and Information Technology (Amara Arshad & Hasam Hafeez) participated in the competition under the supervision of Mr. Arslan Idrees, Lecturer Department of Information Technology, FICT, BUIITEMS. They presented their projects to the panel of judges



and were highly appreciated.

Amara & Hasam won the cash prize

and award for category of best Project from Balochistan for their project "Natural Gas Accident Safety System" supervised by Mr. Abdul Rehman, Dept of Information Technology. The chief guest of the closing ceremony, Lt. Gen (RETD) Syed Tariq Nadeem Gillani HI (M) MD Fauji Foundation, awarded the students and appreciated their hard work.



## Poster Competition of Technical Textiles

In order to promote the technical data presentation skills of the students, a *Poster Competition for Technical Textiles* was organized by Dr. Syed Zameer Ul Hassan in the Department of Textile Engineering on 31<sup>st</sup> July 2018. The Final year students of BS textile engineering presented the modern trends in technical textiles along with the display of product manufactured locally in the said domain. The Dean, Faculty of Engineering Dr. Kamran Sami presided over the event and presented cash prizes for the best three posters. The event provided an insight into the modern research activities going on, in the field of textile engineering and highlighted the importance of modern day textiles in food, medical, packaging, sports, and defense.



## All Balochistan Declamation Competition 2018



University of Balochistan organized all Balochistan Declamation Competition on 9th-Aug-2018. Different universities of Balochistan participated in the competition. The event was aimed to develop communication skills and promote critical thinking among the students. The competition consisted of two categories of debate, in Urdu and English. The participants enthusiastically expressed their views on the topics. Students of BUIITEMS, brought laurels to the university where Hamayun Kasi achieved first position in Urdu debate and Amna got second position in English debate.

## Balochistan Youth Affairs Competitions.

Balochistan Youth Affairs Department conducted competitions of different institutes in government girls Degree College Quetta cantt. In these competitions BUIITEMS students remained position holder in different categories which were as followed; Adila Batool won first prize in Urdu debating, Wajeeha won second prize in painting and Umme Laila won second prize naat competition. The prize distribution of this event was conducted in Ayyub stadium on 6 September, 2018.



## DICE-2018 Two-Day Mega Event

IBA University Sukkur organized a two-day mega event of DICE-2018 (Distinguished Innovations, Collaboration, and Entrepreneurship) from October 8-10, 2018, consisting of innovative competition among the youth from various universities, colleges, and schools across Pakistan to foster a culture

of innovation and entrepreneurship in the country and to transform Pakistan into an innovation-driven economy. Professor Dr. M Naeem Shahwani, Director ORIC BUIITEMS' was invited as a jury member to evaluate the stalls of Biotechnology and Life Sciences at the event. In more than 200 stalls students showcased their innovative ideas. 150 delegates from higher education institutions, technical and vocational training institutes and corporate sector attended the event



## Wall art Competition

For the awareness of the theme of the upcoming wall art competition, BUIITEMS student's affairs art council club organized an orientation session at purple hall, BUIITEMS on October 15, 2018. President of clubs and councils student affairs Ms. Samana Batool gave a presentation about graffiti. The contestants were given one hour to make the samples of their artwork on an A3 sized paper. The walls given to the contestants were at the back of expo center and 5 walls were given at the front of the architecture department in BUIITEMS. The contestants were provided with material including brushes and paints. The competition was for four days from Thursday to Sunday, refreshment was also provided to the participants. There were 15 teams of a maximum of 5 people and a minimum 2. The winning team was Artralia who did the graffiti about the art of looking at art. And the second position was given to the Sufi team and the third position to the feminist team.



## BUIITEMS Olympiad Bait Bazi Competition

Bait Bazi competition under BUIITEMS Olympiad was held on October 16, 2018, between students of different faculties'. The judges were Dr. Asmat Durrani, Mr. Rahat Malik, and Rahat Tehseen. The chief guest of the competition was Dean of the Faculty of Engineering & Architecture (FoE&A) Dr. Kamran Sami. After the final round, the host of the competition Adila Batool presented a poem. Chief guest Dr. Kamran Sami appreciated all the participants during his speech. Shields were presented to the Judges, Chief Guest and to the host of the event. Faculty of Arts and Basic Sciences (FABS) got the first position, Faculty of Management Sciences (FMS) got the second position and Faculty of Engineering & Architecture FoE&A got the third position.



## Theatre competition, BUIITEMS 5<sup>th</sup> Olympiad 2018

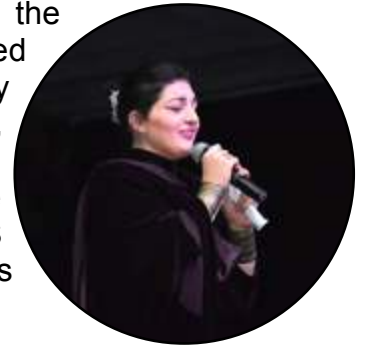
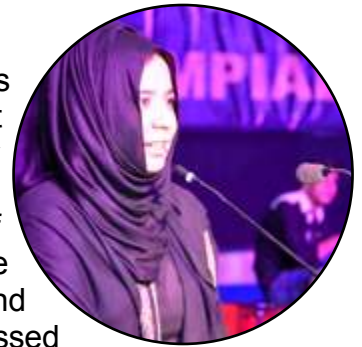
The Theatre competition during Olympiad 2018 was arranged by the Student Affairs BUIITEMS On October 17, 2018. All the faculties of BUIITEMS participated enthusiastically in the theatre competition and presented their drama. The dramas were entertaining with beautiful messages. FABS enlightened the matter of harassment and Faculty of Information & Communication Technology (FICT) beautifully explained the consequences of bullying of the students and other faculties also presented the drama with powerful messages. The dramas were awarded thunderous applause by the audience. The first position was awarded to FICT second position to FoE&A and third position to FMS respectively.



## Singing Competition, BUITEMS 5th Olympiad 2018



Singing competition during Olympiad 2018 was conducted on 18 October 2018. The event started with a fabulous performance by musicians and singers. Professor Dr. M A K Malghani, and Imran Khan were the chief guest of the show. There were three categories in singing competition solo, duet and sufiyana from each faculty, Chief Guest addressed the audience and thanked all for supporting the participants. Later on awards were distributed among presidents of clubs & councils and faculty members. The 3rd position from Solo category was won by the FABS, 2nd by FMS and 1st position by FICT respectively. In duet category 2nd runner up was from FoE&A, 1ST runner up was from the FABS and the winner was from FICT. The third category was sufiyana in which FMS took the 3rd position, the 2nd position was taken by FoE&A and FICT was the winner of sufiyana category.



## Naat and Qirat Competition, BUITEMS 5th Olympiad 2018



Naat and qirat competition during Olympiad 2018 was conducted on October 19, 2018 among the students on faculty bases. The judges were Qari Ibrahim Kasi, Qari Abdul Wahab, and Muhammad Azam Chishti. The time limit of both competitions was 5-7 minutes. The participants recited Naat and qirat, in Qirat competition Muhammad Faizan from FoE got the first position, Muhammad Ali from FABS got 2nd position and Muhammad Hussain from FMS received the 3rd position. while in Naat competition Hussain Abbas from FICT got the first position, Wajeeha from FMS got the second position and Khadim Ali got the third position. After the performance prizes were distributed among the winners and shields were presented to the chief guests and judges.



## LUMS – ICRMS - BUITEMS Moot Court Competition 2018

The LUMS-ICRMS-BUITEMS Moot Court Competition was one of the most prestigious national moot competitions in Pakistan. The Moot Competition took place from 29<sup>th</sup> November to 2<sup>nd</sup> December 2018 at LUMS. LUMS organized this event with the collaboration of ICRMS and BUITEMS and funded by UNHRC. Law & Politics Society outsourced the Moot problem and it circled around issues of displaced persons and protection of human rights in Lieu of regional conflict. The event hosted teams from all leading legal educational institutes from across the country, lawyers, members of the academia and the judiciary. Event strived to foster a culture of moot across law schools in Pakistan, providing not only a useful opportunity to law students to



demonstrate their legal research and advocacy skills but also serving as a national focal point for new initiatives in legal education.



### Markhor Mathematics Competition, 2018

The Department of Mathematical Sciences held 3rd Markhor Mathematics Competition-2018 in the expo center BUIITEMS on December 5th, 2018. The competition was attended by large number of students form different universities of Baluchistan. This time, the department introduced an online registration facility in order to encourage students of other universities to take part in the competition in which at least 400 candidates participated. The chief guest of the closing ceremony was Dr. Mohammad Zubair, HOD Mathematical Sciences. Finally Dr. A. Ghaffar awarded students with Shields, Cash prizes and Certificates of achievements for their participation in the event.



### Poetry Recitation Competition on Pakistani Poets in English

Third Poetry Recitation Competition on Pakistani Poets in English was organized by the department of English on December 14, 2018. The competition was based on English department's commitment to spread peace through literary engagements. Students from different departments participated in the program. Heads of English departments from the different universities of Baluchistan were invited to witness the event. the judged of the competition was by Muahammad Athar Tahir Chuadhary, Director International Centre of Pakistani Writers in English (ICPWE). Naima Bilal Minhas, Assistant Professor English department, a published poetess is the founder of the said competition series and had prepared the students on the various aspects of stage performance and poetic delivery.







# Directorates



## Office of Research Innovation and Commercialization (ORIC)

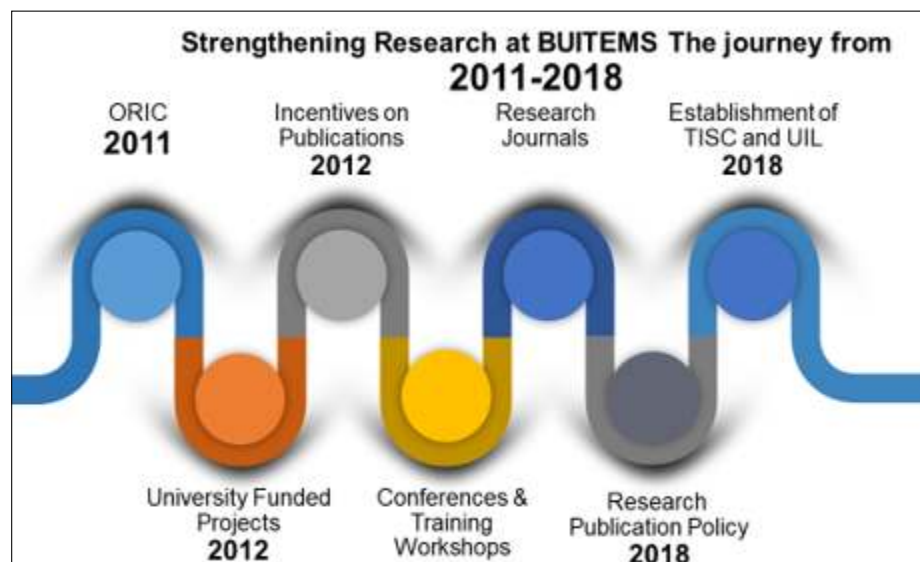
Office of Research Innovation and Commercialization at Balochistan University of Information Technology, Engineering and Management Sciences Quetta was established in 2011 by the instruction of HEC Islamabad. ORIC started to give funds for research projects up to Rs, 200,000/- (per research project) to BUIITEMS faculty members, for this purpose BUIITEMS initially allocated 10 million rupees annually. For the motivation and facilitation of BUIITEMS faculty members, ORIC started to provide research incentives up to Rs. 30,000/- on the evaluation of impact factor since 2012. The first university research journal “Journal of Applied and Emerging Sciences” was published by ORIC. Now this research journal is published biannually and recently got recognition by HEC in “Z” Category. ORIC established Technology and Innovation Support Center (TISC) and University Industrial Linkages with Technology Transfer (UIL & TT) in



2018 as per instructions by HEC to facilitate innovators and researchers.

In this regards a consultative committee was constituted from Balochistan industrial and business persons to collaborate with University members which is helping to make bridge in between the researchers, innovators, inventors and industries experts for focus to resolve the applied problems in different industries and businesses. In 2018 BUIITEMS also implemented research publication policy. According to this policy research journal publications (HEC recognized/ ISI recognized) shall be mandatory

for professors, associate professors, and assistant professors. Each Professor and Associate Professor shall publish two papers however Assistant Professors shall publish one paper annually.

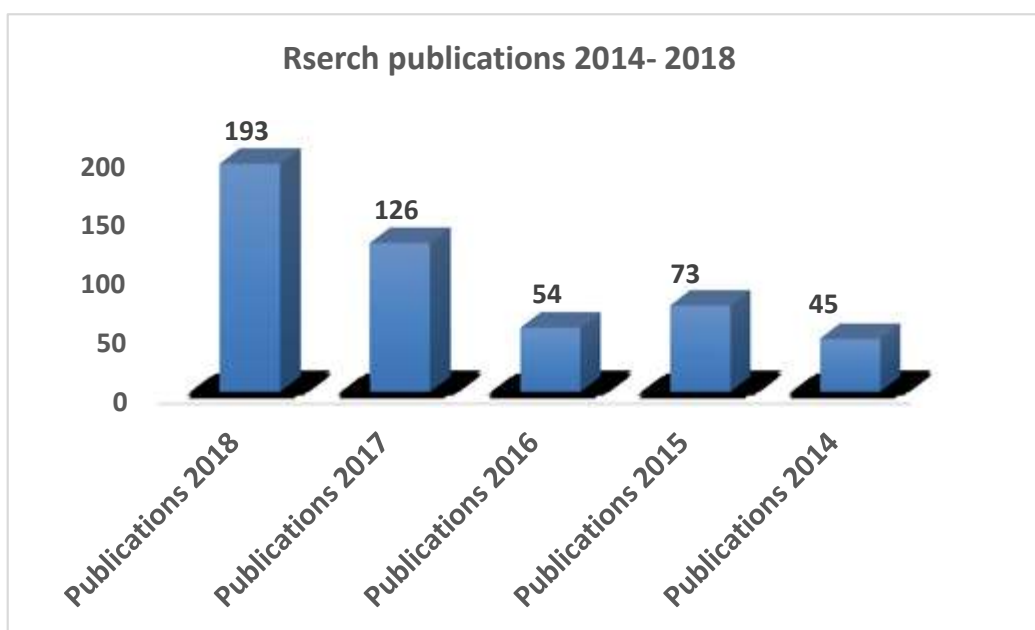


ORIC BUIITEMS is actively participating in different seminars, competitions, conferences and workshops for research and development in the country and abroad and also achieving and receiving funds and awards from different institutions and donor agencies.

ORIC is also collaborated with different national and international organizations, universities and companies to promote research and development such as Govt. of Balochistan, National Textile University, SBK Women University, University of Balochistan, National ICT R & D fund, Suparco, Mehran University of Science and Technology, National Center of Physics, Islamabad, The United States Educational Foundation in Islamabad, USAID, Australian Government Aus Aid, The World Bank, UNDP, USQ, University of Guelph.



**BUIITEMS Research Publications from 2014- 2018**



## Research- Awarded Projects by BUIITEMS faculty from HEC and other National Funding Agencies during 2018

SN	Title of Research Proposal	Name of PI	Amount Approved (Rs.)	Sponsoring Agency
1.	Development and commercialization of transgenic potato lines tolerant to fungi and viruses”	Dr. Anwar Khan	8,282,000/-	TDF
2.	Development and commercialization of broad spectrum bio formulated fungicide	Dr. Anwar Khan,	2,441,000/-	TDF
3.	Development of a Non tracking collector with Nano fluids to enhance the thermal capabilities of the collector	Dr. Ali Nawaz Mengal	4,718,000/-	TDF
4.	Study on the effects of Silver Nano particles (AgNPs) in epoxy monomers based PDLC films (Smart glass)	Dr. Mujtaba Elahi	1,204,0000/-	TDF
5.	DNA Based Floral Biodiversity Inventories of Quetta, Zhob, Musakhel and Harnai Districts of Balochistan	Prof. Dr. Nazeer Ahmed	Rs.3452754/-	NRPU
6.	Evaluation of groundwater system and explore recharge zone of depleting aquifer at Quetta valley	Dr. Akhtar Malik Muhammad	Rs.2447741/-	NRPU
7.	Fine Mapping of QTLs linked with drought tolerance in rice genotypes at vegetative phase.	Dr. Nusrat Jahan	484,749/-	SRGP
8.	Gender disparities and cultural barriers to female for attaining higher education in Balochistan	Dr. Bashir Ahmed Kakar	2,501,250/-	SIOP
9.	Establishment of National Centre Robotics and Automation (NCRA)	Dr. Anayat Ullah	94,357,000/-	CDWP, Planning and Development Division, Planning Commission



ONGOING RESEARCH PROJECTS FUNDED BY NATIONAL/ INTERNATIONAL SPONSORING AGENCIES					
Title of Research Proposal	Name of Principal Investigation	Faculty	Amount Approved (Rs.)	Duration of Project (months)	Sponsoring Agency
Development And Commercialization of Transgenic Potato Lines Tolerant To Fungi And Viruses	<b>Dr. Anwar Khan</b> Assistant Professor Department of Micro Biology	Faculty of Life Sciences And Informatics	Development And Commercialization of Transgenic Potato Lines Tolerant To Fungi And Viruses	2018-2020	Technology Development Fund (Hec)
Development And Commercialization of Broad Spectrum Bio Formulated Fungicide	<b>Dr. Anwar Khan</b> Assistant Professor Department of Micro Biology	Faculty of Life Sciences And Informatics	Development And Commercialization of Broad Spectrum Bio Formulated Fungicide	2018-2020	Technology Development Fund (HEC)
Development of A Non Tracking Collector With Nano Fluids To Enhance The Thermal Capabilities of The Collector	<b>Dr. Ali Nawaz Mengal</b> Assistant Professor Department of Mechanical Engineering	Faculty of Engineering And Architecture	Development of A Non Tracking Collector With Nano Fluids To Enhance The Thermal Capabilities of The Collector	2018-2020	Technology Development Fund (HEC)
Study on The Effects of Silver Nano Particles (Agnps) In Epoxy Monomers Based PDLC Films (Smart Glass)	<b>Dr. Mujtaba Elahi</b> Assistant Professor Department of Chemistry	Faculty of Arts And Basic Sciences	Study on The Effects of Silver Nano Particles (Agnps) In Epoxy Monomers Based PDLC Films (Smart Glass)	2018-2020	Technology Development Fund (HEC)



Title of Research Proposal	Name of Principal Investigation	Faculty	Amount Approved (Rs.)	Duration of Project (months)	Sponsoring Agency
DNA Based Floral Biodiversity Inventories of Quetta, Zhob, Musakhel And Harnai Districts of Balochistan	<b>Dr. Nazeer Ahmed</b> Professor, Department of Biotechnology	Faculty of Life Sciences And Informatics,	DNA Based Floral Biodiversity Inventories of Quetta, Zhob, Musakhel And Harnai Districts of Balochistan.	2018-2021	National Research Program For Universities
Evaluation of Ground Water System And Explore Recharge Zone of Depleting Aquifer At Quetta Valley	<b>Dr. Akhtar Malik Muhammad</b> Assistant Professor Department of Environmental Sciences	Faculty of Life Sciences And Informatics,	Evaluation of Groundwater System And Explore Recharge Zone of Depleting Aquifer At Quetta Valley	2018-2021	National Research Program For Universities
Fine Mapping of Qtls Linked With Drought Tolerance In Rice Genotypes At Vegetative Phase.	<b>Dr. Nusrat Jaha</b> Assistant Professor Department of Biotechnology	Faculty of Life Sciences And Informatics	Fine Mapping of Qtls Linked With Drought Tolerance In Rice Genotypes At Vegetative Phase	2018-2019	Startup Research Grant Program
Gender Disparities And Cultural Barriers To Female For Attaining Higher Education In Balochistan	<b>Dr. Bashir Ahmed Kakar,</b> Assistant Professor Department of Social Sciences	Faculty of Arts And Basic Sciences, Informatics	Gender Disparities And Cultural Barriers To Female For Attaining Higher Education In Balochistan	2018-2019	Social Integration Outreach Program
Establishment of National Centre Robotics And Automation (NCRA)	<b>Dr. Anayat Ullah</b> Department of Electronic Engineering	Faculty of Information And Communication Technology	Establishment of National Centre Robotics And Automation (NCRA) Capacity Building And Research	2018-2021	CDWP, Planning And Development Division, Planning Commission



## List of Awardees For The ORIC Supported Research Grants

S.No	Principal Investigator	Title of Research Project	Amount (PKR)
<b>Faculty of Information and Communication Technology</b>			
1.	Dr. Bakhtiar Khan Kasi Associate Professor, Department of Computer Engineering	Sensor Based Smart Traffic Controller With Real-time Monitoring	185,000/-
2.	Dr. Yousuf Khan Associate Professor Department of Computer Electronic Engineering	Power Efficient RF Communication Jamming Techniques	199,800/-
<b>Sub Total (A)</b>			<b>384,000/-</b>
<b>Faculty of Arts and Basic Sciences</b>			
3.	Dr. Gulfam Nasar Assistant Professor, Department of Physics	Synthesis of electro-mechanical and morphological studies of silicate-polymer nanocomposites	192,100/-
4.	Dr. Zahoor Ullah Assistant Professor, Department of Chemistry	Comparative Study of Ionic Liquids and Heterogeneous Catalysts for Biodiesel Production from high FFAs Oil.	141,313/-
5.	Dr. Muhammad Raheel Assistant Professor Department of Chemistry	Investigations of Physico-Chemical Interactions between selected Quinone salts with Chitosan	200,000/-
6.	Dr. Nisar Ahmad Assistant Professor, Department of Physic	Assessment of Natural Radioactivity and Radon concentration in Chromite mines and its health implications on mines workers in Balochistan.	187,310/-
7.	Dr. Mujtaba Ellahi Assistant Professor Department of Chemistry,	Study the effects of epoxy/tetra functional thiol structure based PDLCs film	189,000/-
8.	Dr. Muhammad Nawaz Assistant Professor Department of Chemistry,	Synthesis and Evaluation of Biological Potential of Thiazolidinones by using Aliphatic Hydrazones as Synthetic Precursors	180,000/-
9.	Dr. Bashir Ahmed Chairperson Department of Sociology	The impact of socio economic changes on the life style of Nomads in Balochistan, Pakistan	154,800/-
10.	Dr. Jalil ur Rehman Assistant Professor, Department of Physics,	Dose enhancement effect of metal nanoparticles on MAGICA polymer gel in radiation therapy	199,880/-



<b>Faculty of Arts and Basic Sciences</b>			
11.	Dr. Muhammad Noor ul Huda Khan, Assistant Professor, Department of Physics	Doping of different Nano ferrites on graphene sheets and studies for energy storage applications	199,600/-
12.	Dr. Zaheer Abbas Gilani Assistant Professor, Department of Physics	Electrical, dielectric and magnetic studies of metal doped M-type Hexa-ferrite Nano-materials	199,550/-
13.	Ms. Sameen Aslam Lecturer, Department of Physics	Density functional theory of nickel-cobalt based spinel ferrite Nano-structures using WIEN2k software	150,000/-
14.	Dr. Hamid Ullah Assistant Professor Department of Chemistry	Studies on synthesis of Schiff bases and evaluating scope of Morita Baylis Hillman (MBH) adducts	198,000/-
15.	Abdul Wadood Assistant Professor Department of International Relations	The Reluctance of Afghan Refugees in Repatriation from Pakistan	115,318/-
<b>Sub Total (B)</b>			<b>2,306,871/-</b>
<b>Faculty of Management Sciences</b>			
16.	Asfand Yar Tareen Assistant Professor Department of Management Sciences	Estimating welfare loss of household from air pollution in Quetta	109,000/-
17.	Dr. Syed Munawar Shah Assistant Professor, Department of Management Sciences	Reputation, fairness, emotions and explicit regulation in ultimatum game	121,900/-
<b>Sub Total (C)</b>			<b>230,900/-</b>
<b>Faculty of Life Sciences and Informatics</b>			
18.	Ms. Abida Dost Muhammad, Lecturer, Department of Environmental Sciences	Spatial Modeling Approach Use to Investigate Fluoride Contamination in Drinkable Water and Its Effect on Human Health in Quetta District	58,000/-
19.	Dr. .Shakeela Daud Assistant Professor Department of Biotechnology	Allele frequencies for 3 Short Tandem Repeat Loci (Amelogenin, FGA & TH01) in blood samples of Hazara Population	129,000/-
20.	Ms. Asma Yousafzai Assistant Professor Department of Biotechnology	Clinical Evaluation and Identification of Mutations in gene BIRC2 and p53 genes (causing Lung Cancer) by Sequencing.	130,000/-
21.	Dr. Nusrat Jahan Assistant Professor Department of Biotechnology	Use of Microsatellite Markers to evaluate the Hybridity in Triticum aestivum L. F1 Cultivars.	199,170/-
22.	Dr. Faheem Nawaz, Assistant Professor Department of Environmental Sciences	Influence of EDTA for efficient OH production in ozonation of oxalic acid at low pH	189,600/-
23.	Prof. Dr. Jamil Ahmed Department of Biotechnology	Mutational analysis of Genes NSUN2 and CEP152 in patients of intellectual disability	150,000/-
24.	Dr. Muhammad Akhter, Department of Environmental Sciences	Monitoring and Modeling Temporal Impacts of Urbanization on Local Water Resources of Quetta Valley	113,000/-

<b>Faculty of Life Sciences and informatics</b>			
25.	Prof. Dr. Muhammad Naeem Shahwani, Department of Biotechnology	Purification of sewage water via plants	200,000/-
26.	Dr. Rozeena Sheikh, Associate Professor Department of Biotechnology	Identification of ECM1 Gene mutation in Lipoid Proteinosis patients of Balochistan, Pakistan.	186,000 /-
<b>Sub Total (D)</b>			<b>1,354,770/-</b>
<b>Faculty of Engineering and Architecture</b>			
27.	Dr. Ghulamullah Kakar Assistant Professor Department of Chemical Engineering	Fouling and fouling mitigation of sparingly soluble salts by the application of organic additives on heat transfer surfaces	181,000/-
28.	Dr. Faiza Akhter Assistant Professor Department of Environmental Management and Policy	Estimation of Domestic Electric Electronic equipment's waste in Balochistan Pakistan	184,100/-
29.	Zaheer Ahmed Assistant Professor Department of Mining Engineering	Reinforcement of Timber for Mine Supports using Composite Materials	182,000/-
30.	Fawad ul Hassan Assistant Professor Department of Mining Engineering	Cleaning and Up gradation of Harnai Coal Using Flotation Process for Industrial Utilization	183,000/-
31.	Dr. Saqib Siddiqui Assistant Professor Department of Textile Engineering	Fabrication and Characterization of Metallic Nano clusters based Intrinsically Conductive Antimicrobial Nano fibers for Smart Bandages	172,500/-
32.	Dr. Syed Zameer Assistant Professor Department of Textile Engineering	Development of IR camouflage shelters using wool based composites	185,000/-
33.	Dr. Ali Nawaz Mengal Assistant Professor Department of Department of Mechanical Engineering,	Fatigue characteristics and life prediction analysis of turbine blades	200,000/-
34.	Dr. Syed Kamran Sami Lecturer Department of Chemical Engineering	Development Metal organic frame work Nano fibers for flexible and light weight energy storage devices	177,500/-
35.	Dr. Faisal Mushtaq Associate Professor Department of Chemical Engineering	Microwave Assisted Pyrolysis and Co-pyrolysis of Indigenous Coal and Waste Biomass Resources	200,000/-
36.	Dr. Muhammad Najam Khan Associate Professor Chemical Engineering	Integrated Approach for Recycling Domestic Waste Water to Overcome Water Scarcity and Improvement in Quality of Water for Quetta City	198,000/-
<b>Sub Total (E)</b>			<b>1,863,100/-</b>
<b>Grand Total =</b>			<b>6,139,641/</b>

**Faculty of Life Sciences and Informatics (FLSI)**

1. Jamil J, Ashraf S, Anum H, Bilal M, Ambreen, **Shahwani MN**, Siddique S, Ubaid A. (2018). Comparative study of the blood lead level among outdoor and indoor traffic police sergeants in Quetta city of Pakistan. *Biological Forum-An International Journal*. 10 :( 02):28-32. **(ISI Indexed)**.
2. Mushtaq A, Jamil N, Rizwan S, Mandokhel F, Riaz M, Hornyak G, **Malghani MN, Shahwani MN. (2018)**. Engineered Silica Nanoparticles and silica nanoparticles containing Controlled Release Fertilizer for drought and saline areas. In: *IOP Conference Series: Materials Science and Engineering*: IOP Publishing. 414: 012029.
3. Haider F, Gul S Hussain J, Ghori SA, **Shahwani, MN.** (2018.) Influence of Biochar on Yield and Heavy Metal Accumulation in Roots of Brassica Rapa under Groundwater and Wastewater Irrigation. *Sarhad Journal of Agriculture*. 134:02:28,418-427. **(HEC X-Category)**.
4. Alam MS, Shaheen G, Hashmi M, **Mushtaq M** (2018) Isolation and Characterization of Secondary Metabolites from a Killer and Antagonistic Yeast Strain, Y21-Bullera pseudoalba. *Chemistry of Natural Compounds*. 54 (6):1152-1153. **(IF: 0.45)**.
5. Alam MS, Choudhary M, Sultankhodzhaev M, **Mushtaq M** (2018) Phytochemical Investigation of Lonicera nummulariifolia, a Locally used Herb in Uzbekistan. *Chemistry of Natural Compounds* 54 (6):1157-1159. **(IF: 0.45)**.
6. **Kakar N**, Horn D, Decker E, Sowada N, Kubisch C, Ahmad J, Borck G, Bergmann C. (2018). 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*. 176(2):438-442. **(IF: 2.26)**.
7. Khan S Z, **Shaikh R**, Azhar M, Wali A, Ahmad J. (2018). 18bp Fragment Insertion/Deletion Polymorphism of Vascular Endothelial Growth Factor (VEGF) Gene with Diabetic Mellitus Type 2 and Diabetic Retinopathy Patients of Quetta, Pakistan. *Journal of Diabetes & Metabolism*. 9(3):1-6. **(ISI Indexed)**.
8. Ijaz A, Jelani M, Panezai A, Rabbani T, Rasool IA, and Ahmad J, **Wali A.** (2018). Novel Insertion and A Previously Reported Nonsense Variant of ALOXE3 gene lead to autosomal recessive ichthyosis in two Balochi families. *Congenital anomalies*. **(IF: 1.14)**.

9. Ullah A, Gul A, Umair M, Ahmad F, Aziz A, **Wali A**, Ahmad W. (2018). Homozygous Sequence Variants in the WNT10B Gene Underlie Split Hand/Foot Malformation. *Genetics and molecular biology*. 41(1):1-8. **(IF: 1.49)**.
10. **Daud S**, Ahmed N, Naudhani S, Younus M, Manzoor S, Firyal S, Yaqub T, Hashmi AS, Wasim M, Umar S. (2018). In-Silico Analysis of Gene ALS2 Genetic Variants Identified in the Affected Horses and Humans with Motor Neuron Disease. *Journal of Equine Veterinary Science*. 62:60-65. **(IF: 0.88)**.
11. Hashmi N, **Yousafzai A** et al. (2018). Isolation and biochemical characterization of chrome resistant bacteria from soil samples of Muslim Bagh Mines. *Indo American Journal of Pharmaceutical Sciences*. 5(1), 185-19. **(ISI Indexed)**.
12. Arsalan M, Abbas A, Gul SU, Rehman H, **Sadia H** et al. (2018). Vertebrate and Invertebrate fauna of Barghanati Dam FR Domel Bannu, Khyber Pakhtunkhwa, Pakistan. *Journal of Biodiversity and Environmental Sciences*.13:240-248. **(ISI Indexed)**.
13. Zeeshan M, Anwar M, Navid S, Riaz M, Momin F, Aslam A, Qayyum A, Rehman WR, Khan A, Ullah A, **Sadia H**. (2018 ). Incidence of Human Malaria Infection in District Karak. *International Journal of Mosquito Research* 5:59-64. **(ISI Indexed)**.
14. Usman K, Khan RU, Rehman, HU, Pervaiz K, Malik IU, **Sadia H** et al. (2018). Evaluation of heavy metals in River Indus at Jubda Khyber Pakhtunkhwa, Pakistan. *Journal of Biodiversity and Environmental Sciences*. 13:263-267. **(ISI Indexed)**.
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## Directorate of University Advancement & Financial Assistance (UA&FA)

### Financial Assistance Office: 2018 Report



2018 was a brilliant year for Financial Assistance Office as we reached a milestone, on scholarship disbursement of Rs. 1.0 Billion. 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.

### Graphical Representation of No. of Donors, Beneficiaries and amount disbursed in 2018

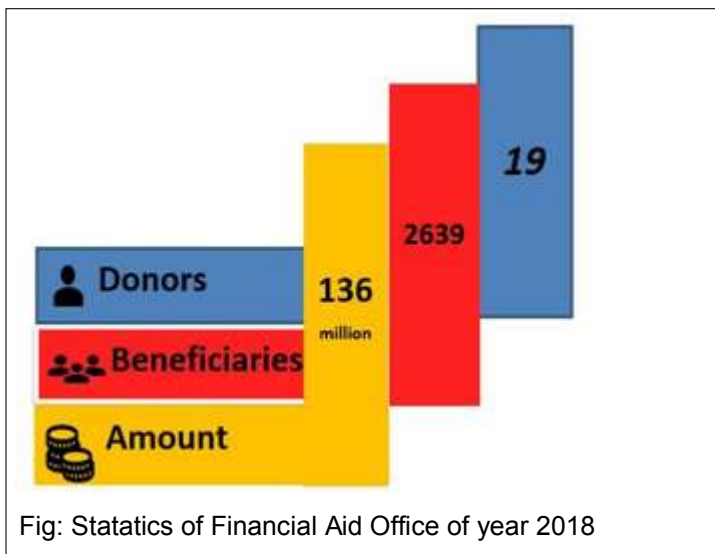
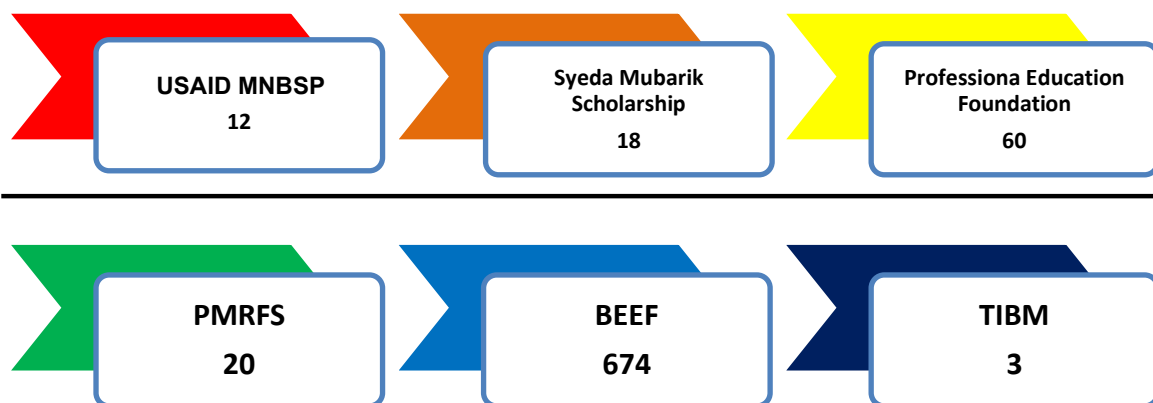


Fig: Statistics of Financial Aid Office of year 2018



### New Scholarship Slots Added in 2018



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

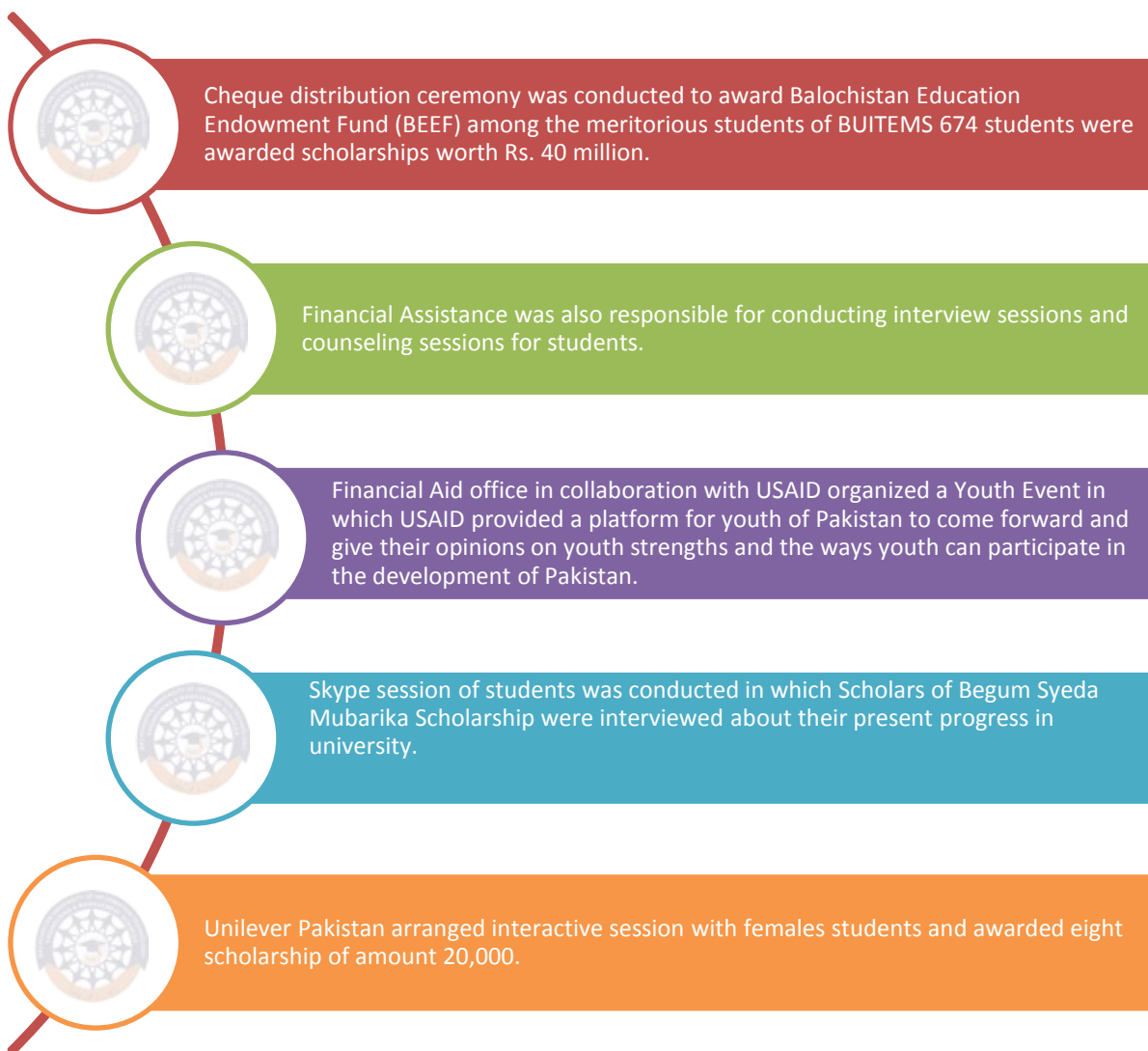
1. Bait ul Maal
2. Diya Pakistan

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

1. Work & Study Program
2. Fee Concession

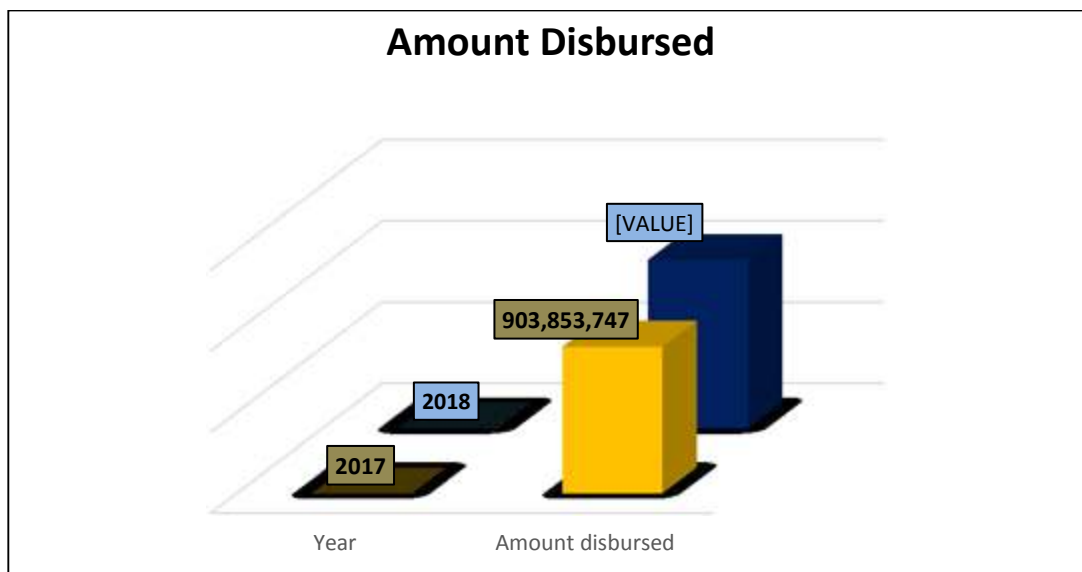


## Course of activities of the year 2018 at Financial Assistance Office



### **Achievement:**

Financial Aid Office Distributed an amount of Rs 1.0 Billion.



**Initiatives:**

1. Class wise tutorial sessions were arranged by Financial Aid Office team to guide students about scholarships and online form filling Techniques.
2. Web chats were introduced to answer the queries of the students.

**Tabular Representation of Scholarship Distribution 2018:**

Scholarships Distribution In year 2018			
S.No	Nature of Scholarship	Donor	Slots
1	Internal	Work & Study	196
2		Fee Concession	295
3		Kinship	25
4		Sibling	32
5		Merit	670
6	External	Bait ul Maal	06
7		Duki Coal Mine	03
8		NICT	01
9		PE Congress	06
10		PEEF	16
11		PEF	119
12		TIBM	03
13		USAID	54
14		BEEF	674
15		PMFRS	495
16		OGDCL	20
17		DIYA	04
18		Dr. SAREER ARA	02
19		BEGUM SYEDA MUBARIK	18
Total			2639



## BUIEMS Career Services Office

### Number of Students (2100) Facilitated in Seminars, Workshops, individual & Group Counseling Sessions

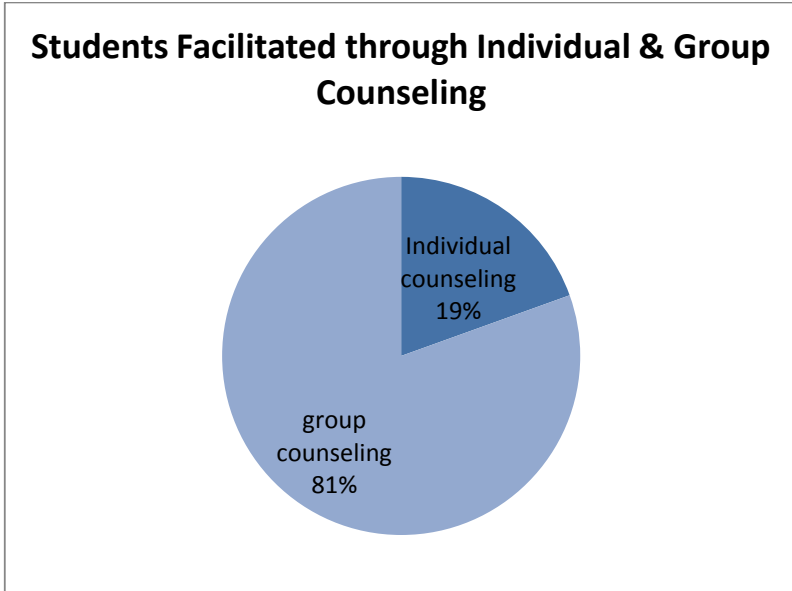
S.No	Name of Activity	Speaker, Moderator	
1	Career Management	Mr. Imran Khan	10-Dec-18
2	Resume Writing	Mr. Aneeq Cheema	10-Aug-18
3	Strategic Thinking	Mr. Suleman Ahmer	11-Sep-18
4	Resume Writing and Job search strategies	Mr. Imran khan and Ms. Maria Khalid	Nov 26,2018
5	Resume Writing and Job search strategies	Mr. Imran khan and Ms. Maria Khalid	3-Dec-18
6	Resume Writing and Job search strategies	Mr. Imran khan and Ms. Maria Khalid	Dec 10 2018
7	Resume Writing and Job search strategies	Ms. Maria Khalid	15-Nov-18
8	Awareness Session BCS	Ali Zain	8-Oct-18
9	Awareness Session BCS	Ali Zain	9-Oct-18
10	Awareness Session BCS	Maria Khalid	10-Oct-18
11	Awareness Session BCS	Ali Zain	11-Oct-18
12	Awareness Session BCS	Ali Zain	12-Oct-18
13	Career Planning and Digital Transformation	Mr. Saleem and Mr. Asif from Peritus Company	22-Nov-18
14	Post-Graduation Planning	Mr. Ahsan Achakzai	29-Nov-18
15	Competency Based Recruitment	Omair Khattak, TCS	3-May-18

### Number of Students (908) Facilitated Through Individual Career Counselling Sessions

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

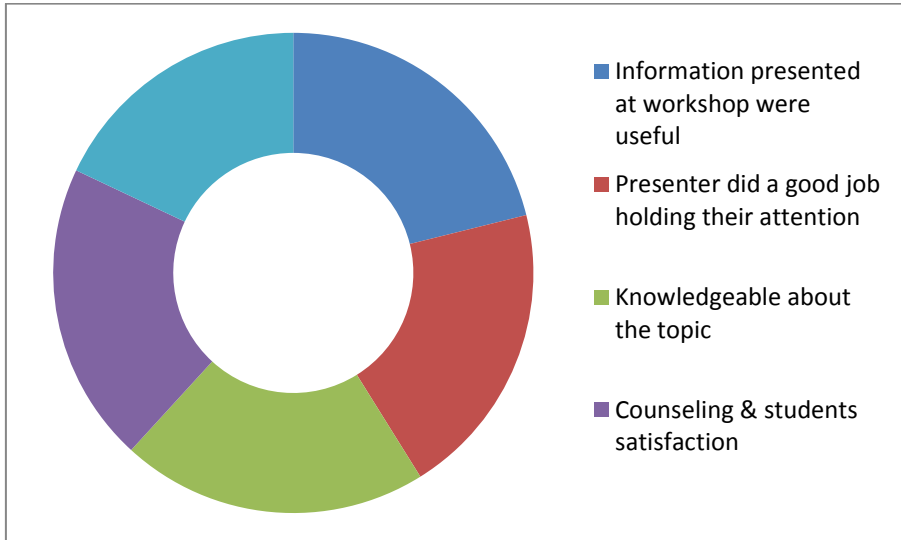
### Number of Students Facilitated through Individual & Group Counseling

Individual Counseling	900
Group Counseling	1100
<b>Total</b>	<b>2100</b>



**Graduate Student Workshops & Counseling Feedback**

- 94% of graduate/ students found information presented at workshop to be useful
- 89% of graduate/ students felt the presenter did a good job holding their attention
- 92% graduate/ students felt knowledgeable about the topic after attending a workshop
- 90% students are satisfied after receiving counseling sessions
- 80% students felt that individual counseling is more effective than group counseling



**C-Others Achievements**

- Nominated 12 students to State Bank of Pakistan for NFLP program
- Nominated 6 Students for UN Volunteer Program
- Nominated 12 students for Student Ambassador Program State Bank Pakistan
- Nominated 4 students for Nestle campus ambassador program
- Nominated 6 students for Career Pakistan

**D-Job Placement**

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

**Campus Drives Conducted:**

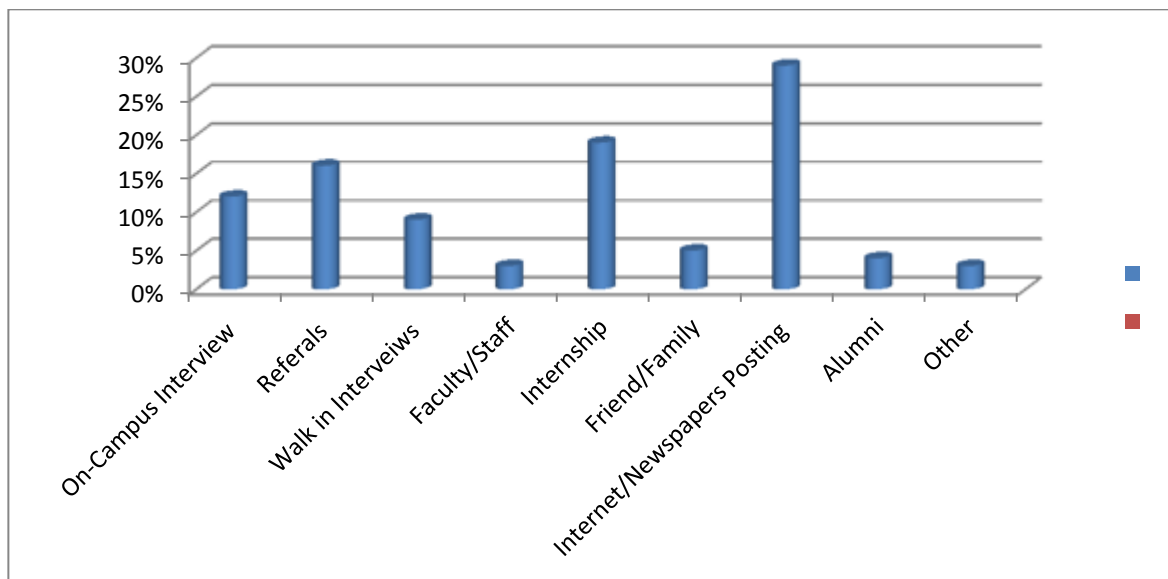
S. No	Name of Employer	Number of Vacancies
1	Engro Foods	05
2	TCS	05
3	PTCL	04
4	Atlas Honda	16
5	Bank Alfalah	08
6	Next Miles	08



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

S. No	Name of Employer	Number of Vacancies
1	Dubai Islamic Bank	03
2	PTCL Quetta	02
3	Balochistan Rural Support Program	03
4	Bank Al-Habib	04
5	Mobilink	03
6	Standard Chartered Bank Quetta	01
7	Nestle	02
8	M&P Express Logistics	01
9	Tayota Zarghoon Motors	06
10	Bank Al Falah	04
11	Brown Furniture	01
12	Careem	02
13	Quetta Serena Hotel	03
14	Pakistan Red Crescent	02
15	ZONG	02
16	Meezan Bank	04
17	Bank Islami	04
18	PMYTP	160
19	MCB	02
20	LGS (Quetta)	01
21	The City School Quetta	01

**How BUIITEMS Graduates Found Their Full-time Jobs**





### List of Students placed in different organizations for Internship (2018)

S.No	Name of Organization	Number of Students
1	Al Baraka Bank	04
2	Allied Bank	02
3	Atlas Honda	06
4	Attock Cement Pakistan Ltd	04
5	Attock Oil Refinery	03
6	Bank Alfalah	06
7	Best-way Cement Limited, D-I Khan	15
8	BRSP Winter Internship (In Districts)	54
9	Bolan Medical College	01
10	Civil Aviation Authority	03
11	CMH Quetta	01
12	Council of Scientific and Industrial Research Peshawar	01
13	DG Cement Factory	03
14	DG Mines and Minerals	02
15	CPGCL, Guddu	04
16	Flood Forecasting Division	01
17	Habibullah Coastal Power-Plant Company	30
18	Huawei	08
19	Institute for Development Studies	04
20	International Committee of Red Cross	01
21	Lucky Cement Ltd	06
22	Mari Petroleum Company Ltd MPCL	12
23	NTDC	06
24	OGDCL	18
25	OGDCL Training Institute	06

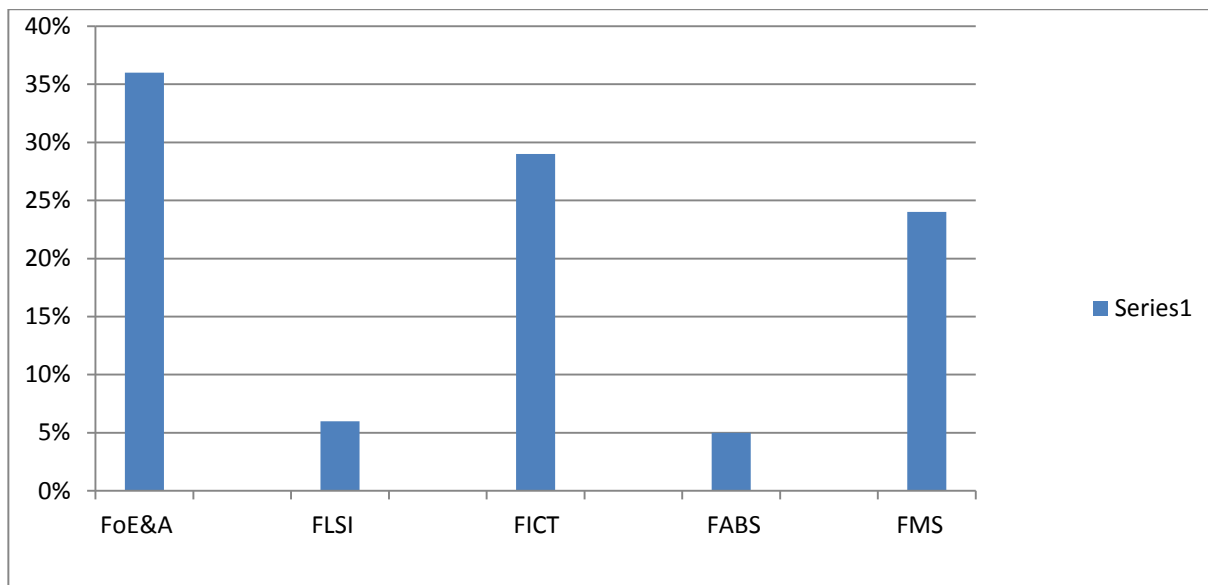


S.No	Name of Organization	Number of Students
26	OIST Internship, Japan	01
27	Others (various companies)	280
28	Pakistan Aeronautical Complex	02
29	Pakistan Railways	05
30	PEL Refrigerators (Electronics)	04
31	Pakistan Mineral Development Corporation	02
32	Pakistan Petroleum Limited	04
33	PTV	01
34	PTCL	45
35	QESCO	03
36	Qadirpur Gas Field	01
37	RIP USA	01
38	SINDAK	03
39	State Bank of Pakistan Internship	06
40	Sui Southern Gas Company Ltd	06
41	Universal Service Fund Islamabad	01
<b>Total :</b>		<b>566</b>



### Students Placed for Internship from each Faculty

Faculty of Engineering	36%
Faculty of Life Sciences	6%
Faculty of Information & Communication Technology	29%
Faculty of Arts & Basic Sciences	5%
Faculty of Management	24%

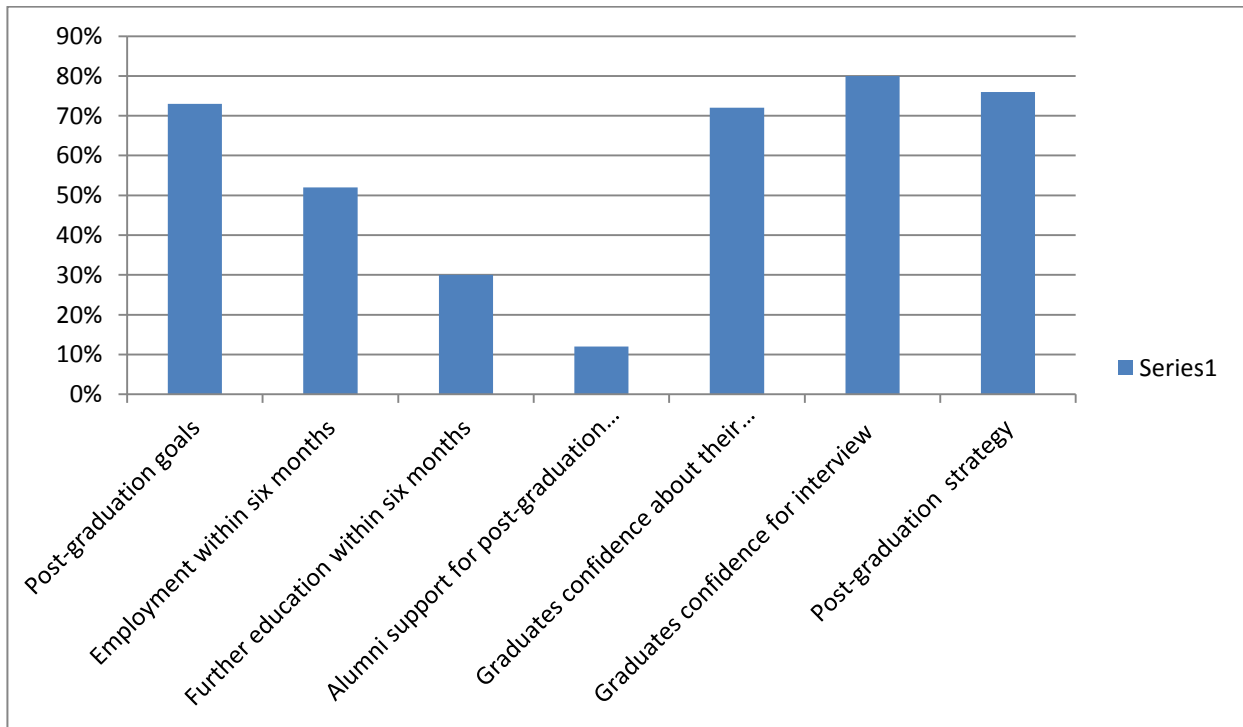


### Graduates Destination Survey

Each year the Office of Career Services at BUIITEMS surveys the graduating class to gather information about their post-graduation plans. The following are the responses of 2017.

- Achieved their post-graduation goals within six months of graduation. 73%
- Accepted employment within six months of graduation. 52%
- Pursued further education within six months of graduation. 30%
- Reported advice and guidance from alumni helped inform their post-graduation plans. 12%
- 72% of recent graduates are confident their résumés show marketable skills and talents.
- 80% of recent graduates feel prepared to interview for jobs.
- 76% of recent graduates have, or had, a strategy

Post-graduation goals	73%
Employment within six months	52%
Further education within six months	30%
Alumni support for post-graduation plans	23%
Graduates confidence about their résumés	72%
Graduates confidence for interview	80%
Post-graduation strategy	76%



### Career Counseling Session

A career counseling session for the students at Pink Hall on 10th August 2018 was organized by the Career Services Office BUIITEMS. The speaker for the session was Mr. Aneek Cheema a Full Bright Scholar. The session consisted of guiding the students on their CV writing, in particular that for every job application there should be a unique CV addressing all the requirements from the job advertisement. The students were introduced to the Full Bright Scholarship and about the GRE test that is required for the scholarship. The event ended with a thanking note and appreciation for the speaker for his time and knowledge.



### Strategic Thinking

A session on “Strategic Thinking” was organized by BUIITEMS Career Services Office at Pink Hall on September 11, 2018. The speaker was Mr. Suleman Ahmer, lead trainer, CEO of Timelenders and Director of the Sahil Welfare Association. Those in attendance were by Dr. Faisal Kakar, dean FICT, faculty members and students. The audience was engaged with the guidelines on how to create their own strategic vision and various activities to help them discover their vision, mission and their ambitions.



The session concluded with a Q&A and Dr. Faisal Khan presenting a thanking note to the guest speaker.

## “Career Planning and Digital Transformation”

BUIITEMS Career Services organized a seminar on “Career planning and Digital Transformation” in collaboration with Peritus Company for students of FICT, Department of Mathematics and FMS. Mr. Saleem and Mr. Asif representatives from Peritus (an IT company with offices in Dubai, Kenya, Sweden and Pakistan) delivered the lecture to the students. Mr. Saleem discussed existing huge gap between academia and industry and what is expected in the industry and how industry is moving rapidly towards technological advancement and digital transformation and how students can be prepared for emerging sophisticated technologies.

The idea was to equip students with an insight and provide consoling for a more promising future.



## Post-Graduation Career Plan

Mr. Ahsan Achakzai conducted a session on Post-Graduation Career Plan organized by the Career Services Office BUIITEMS on November 20, 2018 in the Pink Hall BUIITEMS. The session was attended by students from all faculties, where the speaker discussed the various scholarship and studying opportunities in China and also shared his own experience of visiting the country. The session ended with an intensive Q&A about the opportunities discussed earlier in the session.



## CV Writing

Ms. Maria Khalid delivered a session on CV writing in Pink Hall BUIITEMS on November 15th 2018 to the civil engineering undergraduates. She explained the importance of the CV in scholarship, admission and job applications as well as each component of the CV. She concluded her session with a group discussion and tasked them to write their own CV.



## PTCL is offering Winter Internship to BUIITEMS Students

BUIITEMS Career Services Office conducted online tests for recruitment of students for PTCL Winter Internship to provide professional exposure to students of different disciplines including BBA, MBA, and Economics, Electric, Electronics and Telecommunication Engineering. 5 test sessions were conducted in both City and Takatu Campuses, in which about 197 students participated. The selected 40 students are assigned to different departments for 45 days long training period in which they will deal with group project.

## Student Awareness Sessions

Career Services and Alumni Relations Offices conducted awareness sessions for senior batches of students and graduates of FLSI, FABS, FICT, FOE&A and FMS from September 25th, to October 2nd, 2018. They were informed about services offered by UAFA sub-offices; Financial Aid, Student Affairs, Career Services, and Alumni Relations. Presentations consisted of how students can prepare to enter the workforce, resume writing and interview preparation. Also highlighted was the perks of joining BUIITEMS Alumni Association. 500 Students from all faculties attended the sessions that were facilitated and coordinated by faculty members; Mr. Muhammad Ali, FMS, Ms. Aqsa Maryam, FABS, Mr. Jalal Faisal Khan, FoE&A, Mr. Muhammad Nadeem, FICT and Ms. Asma Yousafzai, FLSI.



## Student Career Counseling Session

Faculty members from BUIITEMS organized and delivered a career counseling session at Fazaia Intermediate College Quetta on October 2018, Chairperson Department of Economics Mr. Muhammad Jawad Khan, along with assistant Professors from the Departments of Sociology and Management Sciences Mr. Zafarullah and Ms. Musarat Karamat. The session consisted of each presenter explaining their respective career paths and what career opportunities that are available and how to enter these careers. The principal Ms. Uzma thanked the speakers for their session and providing awareness to the students about what career paths they can pursue besides a career in the armed forces.



## University Advancement & Alumni Relation Office

At University Advancement Office we are committed to fostering mutually beneficial relationships with alumni, trusts/ foundations, corporate sector, international partners, officials, media, and general public. We intend to build and maintain relationship based on fidelity and integrity to raise funds for advancement of BUIITEMS. We strive to offer range of activities to alumni, graduating students, and build relationships with potential donors as a way to increase donations and maintain lifelong relationships with alumni.



Alumni relation office has its strategic importance and plays a significant role to BUIITEMS Alumni. In order to achieve its goal of maintaining a life-long relationship with BUIITEMS alumni, the Directorate of UA&FA has developed up to date comprehensive database of BUIITEMS Alumni and updates Alumni & Donors databases on regular basis.



The alumni are the best advocates of an educational institution. BUIITEMS maintains life-long relations with alumni who are of strategic importance to the university. The Directorate of University Advancement & Financial Assistance (UA&FA) keeps in touch with the alumni to keep them informed of various aspects of campus life, our progress and achievements and our outreach and involvement with the world beyond campus. The office is dedicated to design programs and activities that will respond the needs, concerns and interests of alumni, friends and perspective donors to the university. It organizes homecoming events, alumni mentoring sessions, alumni dinner and invites alumni to university on different occasions. The directorate is in continuous contact with all the BUIITEMS alumni through different social channels i.e. WhatsApp group, Facebook social page, LinkedIn etc. BUIITEMS Newsletters and Annual Reports are shared through e-mail with alumni and donors, regularly. In addition, a Facebook group 'BUIITEMS Alumni Association' has been formed where thousands of BUIITEMS alumni share their views and news. The Alumni Relation Office also manages the fund raising activities to maximize donations from individuals and the corporate sector and to develop network of potential donors.

BUIITEMS has so far produced more than more than 7500 graduates in different disciplines. Our alumni are currently serving more than 250 employers worldwide. BUIITEMS Alumni Office has also started Alumni Mentoring Program. BUIITEMS Alumni Mentoring Program (BAMP) commitment to students doesn't end at graduation. We support our students to and throughout their University life. We strive to provide our students support, guidance and resources to not only attend but to be successful in their academic career through our Alumni Mentoring Program. BUIITEMS Alumni Mentoring Program aims to connect students, fresh graduates to alumni mentors to provide guidance and support as students work to complete their undergraduate degree. The overall goals are to increase our student's retention and graduation rates, to increase new student satisfaction, and to provide meaningful opportunities for alumni to give back to alma mater. BUIITEMS Alumni Office has also taken initiative of Alumni Interim Body. The body comprises of different position i.e. President, Vice President, Secretary, Treasurer, Executive members. The body elections are going to take place on the financial year 2019 after which the body will become fully functional.

<b>BUIITEMS Alumni Data</b>			
<b>S. No</b>	<b>Degree Program</b>	<b>Male</b>	<b>Female</b>
1	BS-Computer Engineering	385	74
2	BS-Electronic Engineering	572	46
3	BS-Telecom Engineering	309	52
4	BS-Computer Science	287	71
5	BS-Information Technology	145	35
6	BS-Software Engineering	63	18
7	BS-Electrical Engineering	108	04
8	BS-Civil Engineering	519	08
9	BS-Textile Engineering	318	13
10	BS-Chemical Engineering	360	09
11	BS-Petroleum & Gas Engineering	562	07
12	BS-Mining Engineering	187	01
13	BS-Geological Engineering	226	03
14	B- Architecture	85	33
15	BS-Social Sciences	31	06
16	BS-Mass communication	31	14
17	BS-Microbiology	30	36
18	BS-Physics	21	06
19	BS-Math	06	02
20	BS- Environmental Science	01	02
21	BS-Mechanical	28	-
22	MBA	704	281
23	MBA (Banking & Finance)	184	72
24	BBA	648	281
25	BS-Economics	153	49
26	BBS	08	02



S. No	Degree Program	Male	Female
27	BS-Biotechnology & Informatics	173	179
28	BS-English	27	17
29	BS-International Relations	82	17
30	BS-Fine Arts	15	13
31	MS Environmental Management & Policy	35	10
32	MS-Economics	13	07
33	MS-Biotechnology & Informatics	55	45
34	MS-Electronic Engineering	09	03
35	MS-Electrical Engineering	08	-
36	MS-Computer Science	37	21
37	MS-Computer Engineering	07	03
38	MS-Physics	24	04
39	MS-Information Technology	08	03
40	MS-Telecom Engineering	04	02
41	MS-Management Sciences	06	10
42	MS-Chemical Engineering	01	-
43	MS-International Relation	03	-
44	MS-Mathematics	04	-
45	MS-English	04	03
46	MS-Chemistry	01	01
47	MS- Civil Engineering	07	-
48	MS- Mining Engineering	04	-
49	MS- Textile Engineering	02	01
50	PhD-Bio Technology and Informatics	07	-
51	PhD-Management & Economics	01	-
<b>Sub-Total</b>		<b>6508</b>	<b>1464</b>
<b>Total Alumni</b>		<b>7972</b>	

## Directorate of Human Resource Development

Creative Expression Contributes New Ideas

The skills of the team covered a number of areas, as well as an understanding of what had worked in other academic units.

Talented and skilled workforce is the lifeblood of every organization. In support of that, the department continued to lead the enhancements and standardization of employee performance. The BUITEMS recognizes and acknowledges its human resources as the most valuable asset of the institution and thus remains committed to ongoing development



of its employees through department of human resource development. In this vein, the HRD launched the Faculty Development Program in January 2006 to ensure that faculty members are given opportunity to grow and develop in terms of knowledge and skills.

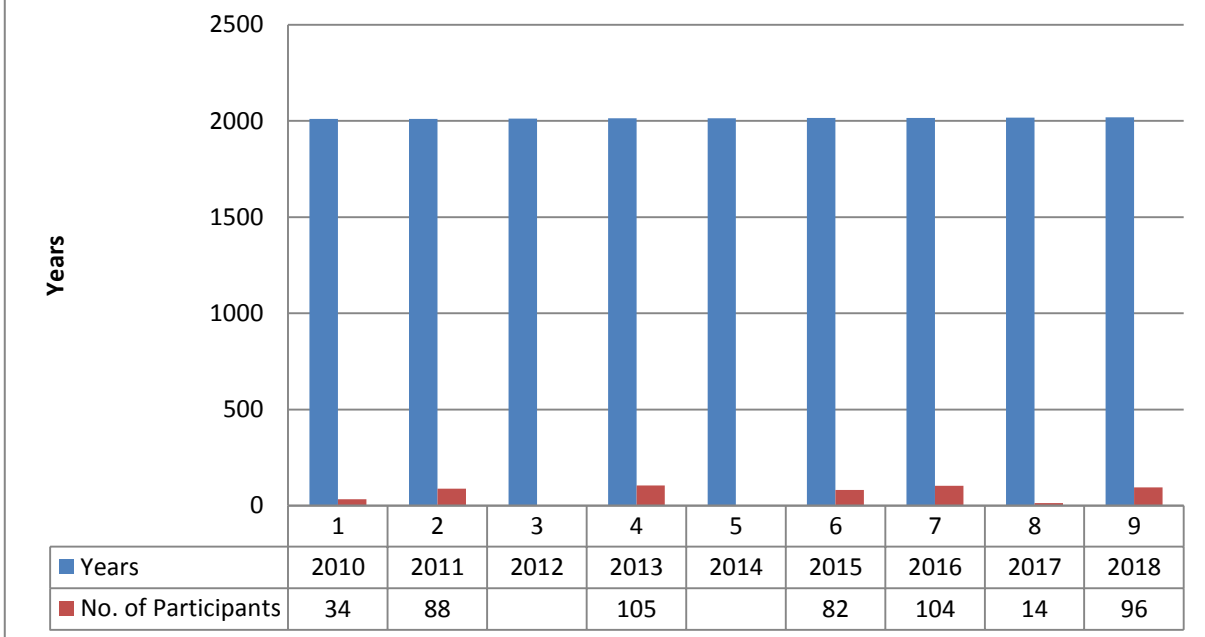
As part of this scheme, the HRD has conducted a study to analyze the needs for training and assess the opportunities for human resource development within the institution, following which main areas for capacity building as per the institution's needs were outlined, including:

- On-the-job learning
- Peer and team learning
- Coaching, Mentoring and Grooming

Since the implementation of the Faculty Development Program for newly inducted teaching faculty, some 523 faculty members have benefitted from the scheme.

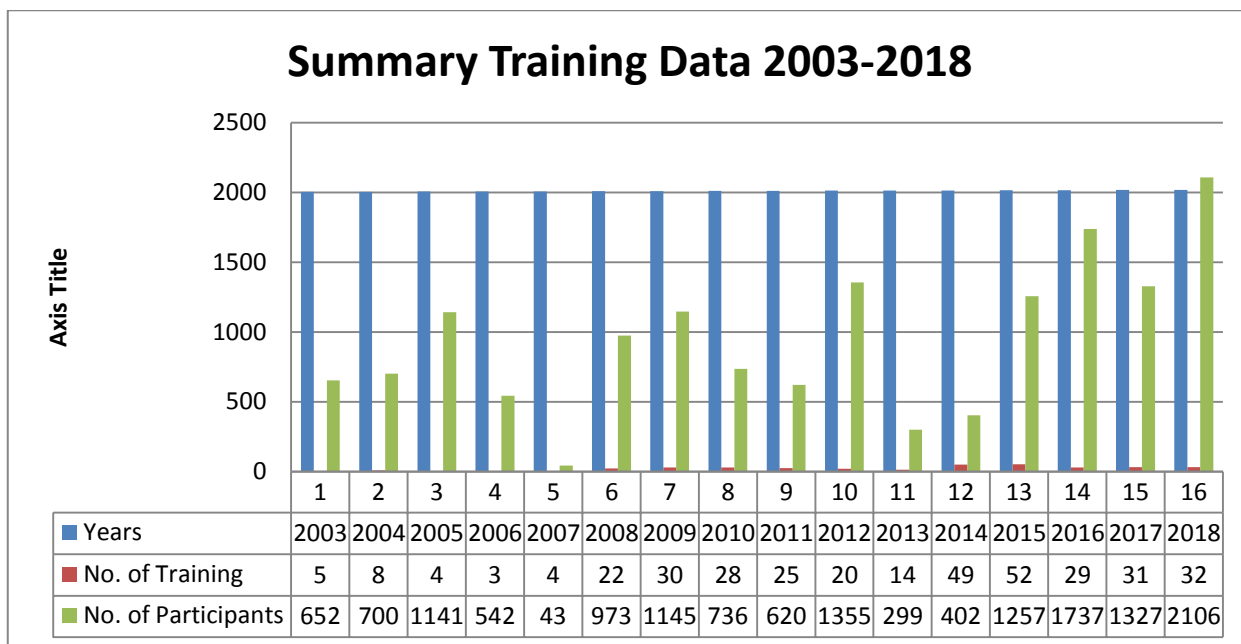


**Year Wise Summary of Faculty Development Program for Newly Inducted Teaching Faculty**



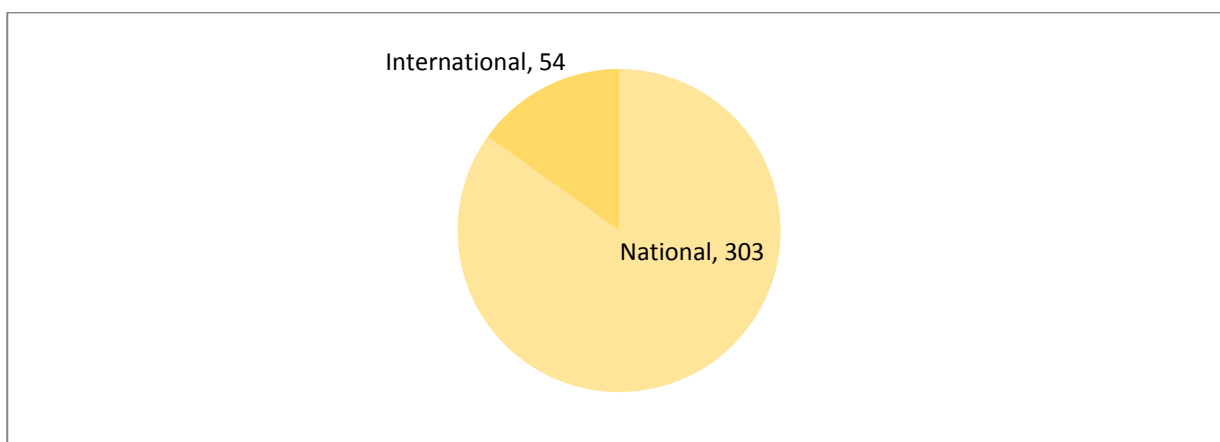
This table reflects the total number of training with total number of participant participated in various training/workshops/seminars/ conferences during the years 2003-2018.

The Following Trainings Conducted by DHRD during the Year 2018				
S#	Title	No. of Participants	Organized by	Duration
01	English for Administration	32	BUITEMS	Three Days (January 24-26, 2018)
02	Professional Development Training Program for Newly Inducted Teaching Faculty and Lab. Engineers	96	BUITEMS	Four Weeks (February 26 to March 22, 2018 Closing March 30, 2018)
03	Forming Effective Research Group	65	BUITEMS	One Day (April 13, 2018)
04	Managing Digital Resources through DSPACE for Capacity Building of Working Librarian	37	BUITEMS/ PASTIC	Three Days (April 25-27, 2018)
05	Deep Learning	40	BUITEMS	Five Days (June 4-8, 2018)
06	First Aid	30	BUITEMS	Three Days (July 4-6, 2018)
07	Cascading- Pakistan University Linkages Program	50	BUITEMS	Three Days (August 15-17, 2018)
08	Fundamentals of Research Process for Effective Writing of Research Articles	32	BUITEMS	One Day (September 15, 2018)
09	Outcome Based Education System	118	BUITEMS	Two Day (September 26-27, 2018)
10	Importance of Professional Presence at Work Place	26	BUITEMS	One Day (October 16, 2018)
11	Spectrophotometric Techniques	63	BUITEMS	One Day (October 31, 2018)
12	Cooperative Communication for Wireless Sensor Network and Next Generation Networks	73	BUITEMS	One Day (November 12, 2018)
13	Design & Analysis of MEMS Devices; Using Finite Element Modelling in COMSOL Multiphysics	35	BUITEMS	One Day (November 12, 2018)
14	Introduction to Finite Difference Time-Domain Simulation Method for Electromagnetism and Photonics	42	BUITEMS	One Day (November 13, 2018)
15	Data analysis techniques by using SPSS and STATA	52	BUITEMS	Two Days (December 4-5, 2018)
16	Outcome Based Education and Self-Assessment	89	BUITEMS	Two Days (December 17-18, 2018)
17	Slop Stability	84	BUITEMS	One Day (December 19, 2018)



### Year Wise Summary of National & International Training Workshops/ Seminars/ Conferences (2003-2018)

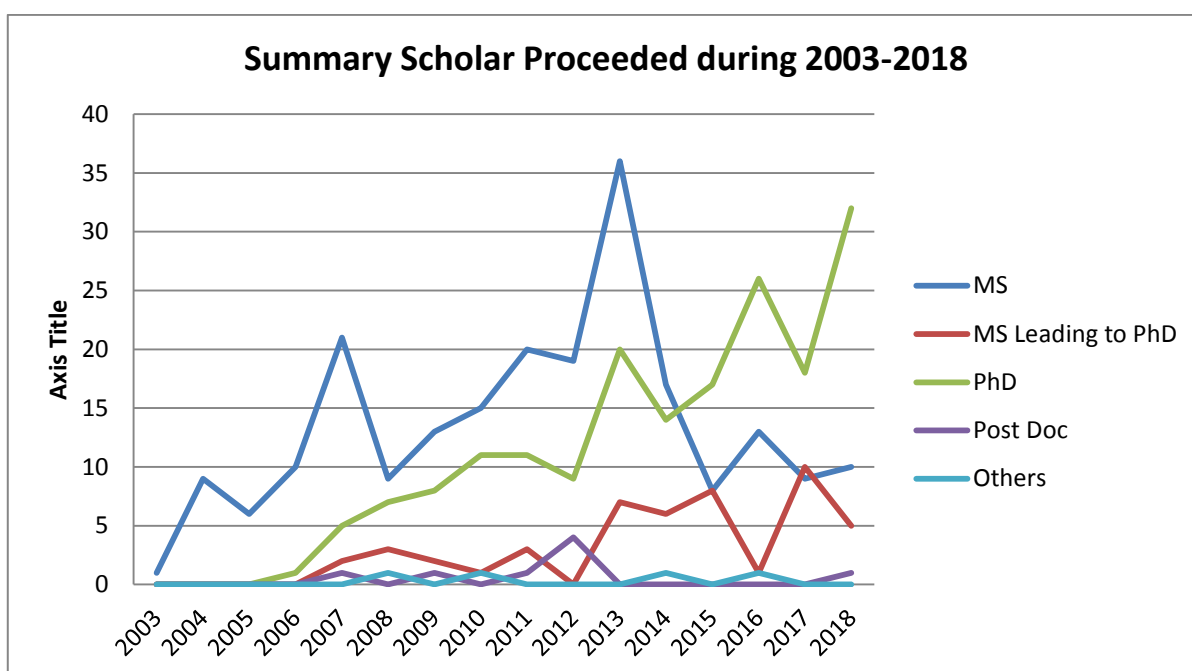
<b>Years</b>	2003	2004	2005	2006	2007	2008	2009	2010
<b>National</b>	5	8	3	1	3	20	29	27
<b>International</b>	-	-	1	2	1	3	1	1
<b>No. of Participants</b>	652	700	1141	542	43	973	1145	736
2011	2012	2013	2014	2015	2016	2017	2018	<b>Total</b>
22	18	13	39	38	23	24	30	<b>303</b>
3	2	1	10	14	6	7	2	<b>54</b>
620	1355	299	402	1257	1737	1327	2106	<b>15035</b>



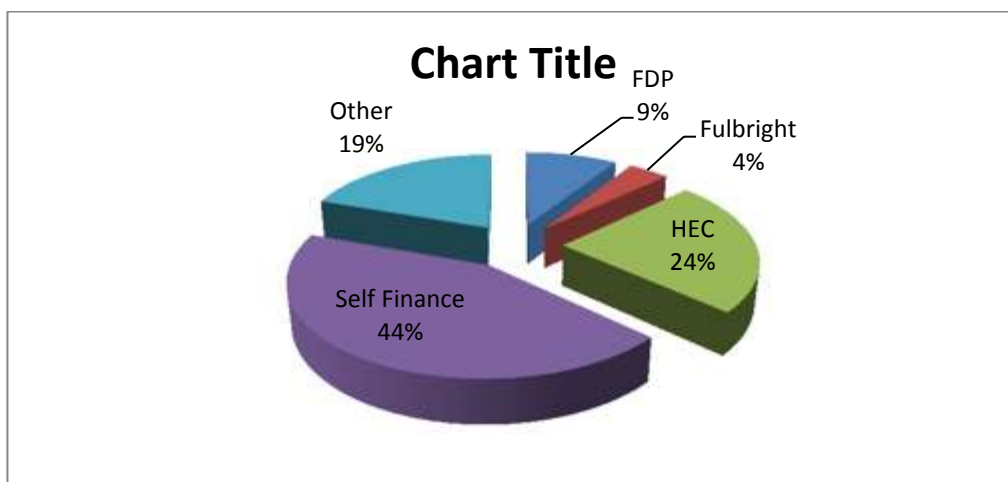
## Changing Nature of Teaching, Learning, and Scholarship

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 will require 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.

BUIITEMS scholars proceeded for MS/ MS leading PhD/ PhD during the years 2003-2018						
Proceeded in years	MS	MS leading PhD	PhD	Post doc.	Others	Total
2003	1	-	-	-	-	1
2004	9	-	-	-	-	9
2005	6	-	-	-	-	6
2006	10	-	1	-	-	11
2007	21	2	5	1	-	29
2008	9	3	7	-	1	20
2009	13	2	8	1	-	24
2010	15	1	11	-	1	28
2011	20	3	11	1	-	35
2012	19	-	09	4	-	32
2013	36	7	20	-	-	63
2014	17	6	14	-	1	38
2015	8	8	17	-	-	33
2016	13	1	26	-	1	41
2017	9	10	18	-	-	37
2018	10	5	32	1	-	48
Total	216	48	179	8	4	455

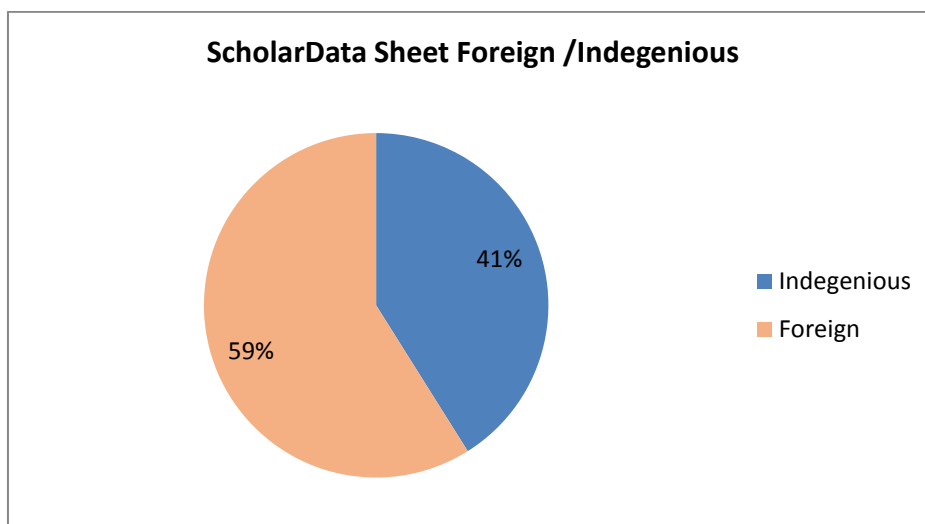


Source Wise Number of Scholars in Tabular Form							
S.#	Sources	MS/ME/ Master/ M Phil	MS Leading to PhD	PhD	Postdoc	Others (Certification etc.)	Total
1	FDP	08	21	12	-	-	41
2	Fulbright	7	3	8	-	-	18
3	HEC	9	37	59	3	1	109
4	Self-Finance	154	4	38	-	2	198
5	Other	29	5	48	5	2	89
	<b>Total</b>	<b>207</b>	<b>70</b>	<b>165</b>	<b>8</b>	<b>5</b>	<b>455</b>



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. Here briefly discussed the status of BUIITEMS faculty who proceeded/ completed their studies during the years 2003-2018.

Indigenous	Foreign
194	279



**Country Wise Scholars Data Proceeded during the Years 2003-2018**

Country	MS	MS leading PhD	PhD	Post doc.	Others	Total
Pakistan	142	7	43	-	2	194
China	10	2	33	3	-	48
Australia	16	2	8	1	-	27
Germany	4	4	5	1	-	14
USA	7	3	13	-	1	24
UK	11	1	7	1	-	20
Thailand	-	1	7	-	-	8
Malaysia	12	6	31	-	-	49
New Zealand	2	-	15	-	-	17
France	1	3	6	-	-	10
South Korea	4	12	7	-	-	23
Japan	4	2	1	-	-	7
Italy	2	5	1	-	-	8
Sweden	1	-	2	-	-	3
Finland	-	-	1	-	-	1
Canada	1	1	2	-	-	4
Turkey	1	3	3	-	-	7
Brunei	1	-	-	-	-	1
Norway	-	-	1	-	-	1
Spain	1	-	-	-	-	1
Belgium	-	-	1	-	-	1
Czech Republic	-	2	1	-	-	3
Sri Lanka	2	-	-	-	-	2
<b>Total</b>	<b>222</b>	<b>54</b>	<b>188</b>	<b>6</b>	<b>3</b>	<b>473</b>





Scholars Data Sheet in Tabular Form 2003-2018							
Years	Status	MS/ M Phil	MS Leading to PhD	PhD	Postdoc	Other Certification	Total
2003	Enrolled	1	-	-	-	-	01
	Completed	-	-	-	-	-	-
2004	Enrolled	9	-	-	-	-	09
	Completed	-	-	-	-	-	-
2005	Enrolled	6	-	-	-	-	06
	Completed	-	-	-	-	-	-
2006	Enrolled	10	-	1	-	-	11
	Completed	2	-	-	-	-	02
2007	Enrolled	21	2	5	1	-	29
	Completed	18	-	-	-	-	18
2008	Enrolled	9	3	7	-	1	20
	Completed	16	-	-	-	-	16
2009	Enrolled	13	2	8	1	-	24
	Completed	4	-	-	-	1	05
2010	Enrolled	15	1	11	-	1	28
	Completed	11	-	3	2	-	16
2011	Enrolled	20	3	11	1	-	35
	Completed	9	-	6	-	-	15
2012	Enrolled	19	-	9	4	-	32
	Completed	10	-	3	-	1	14
2013	Enrolled	36	7	20	-	-	63
	Completed	19	-	3	3	-	25
2014	Enrolled	17	6	14	-	1	38
	Completed	8	-	8	-	-	16
2015	Enrolled	8	8	17	-	-	33
	Completed	2	-	4	-	1	07
2016	Enrolled	13	1	26	-	1	41
	Completed	6	1	3	-	1	11
2017	Enrolled	9	10	18	-	-	37
	Completed	3	-	4	-	-	07
2018	Enrolled	10	5	32	1	-	48
	Completed	6	5	6	-	-	17
<b>Total Enrolled from 2003 to 2018</b>							<b>455</b>
<b>Total Completed from 2003 to 2018</b>							<b>168</b>







# PhD Profiles

(Faculty Members who completed Doctoral Studies in 2013)



## Congratulations on Completing Your Ph.D. And Best Wishes As You Begin An Exciting New Phase Of Life

**Dr. Syed Kamran Sami:** I received my Ph.D. degree on 12th January, 2018 under the guidance of Prof. Dr. Chan-Hwa Chung. Currently, I am working as Dean Faculty of Engineering & Architecture at BUIITEMS. I worked on *Development of Metal Oxides/Chalcogenide Nano-Composite for Capacitive Energy Storage Applications*.



My research focuses on the fabrication and characterization of several Nano composites for the electrode of energy storage devices. Moreover, development of devices to conform the performance of fabricated nanomaterial's. My research interests are Nanotechnology, energy harvesting, energy storage and desalination batteries. I am more interested in fabrication of efficient and robust material to achieve high performance energy storage capability to address the social and domestic need, to have a positive impact of research on the society. Presently, I am working as Dean Faculty of Engineering & Architecture at BUIITEMS.

**Dr. Syed Tariq Shah:** I received my Ph.D. degree on 15<sup>th</sup> January, 2018 from Sungkyunkwan University, S. Korea. I completed my Ph.D. under the guidance of Prof. Dr. Min Young Chung and currently, I am working as Assistant Professor at BUIITEMS. The title of my Ph.D. thesis was *“Simultaneous Wireless Power and Information Transfer, (SWIPT) in Energy-Constrained Relay, Networks”*.



During my Ph.D program, I worked on several different research projects i.e., D2D Communications, Moving Personal Cells Network, Resource Allocation in 5G Networks, and Energy Constrained Cooperative Networks. Working on these cutting edge research projects under the supervision of Prof. Chung' was indeed a great learning experience. During the course of my Ph.D. program, I have successfully published more than thirty research articles in top ranked peer-reviewed international journals, and conferences.

**Dr. Muhammad Irfan:** I joined BUIITEMS in September 2011 as a lecturer after the completion of Masters in Project Management from Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology (SZABIST).



I received my Ph.D. Degree from Universiti Putra Malaysia from the Faculty of Economics and Management on 16th January 2018 under the supervision of Dr. Mazlan Bin Hassan. My research title was *“Effect of Project Management Maturity, Sustainability & Governance & the Mediating Effect of Project Success on Corporate Reputation of Public Sector Organizations in Pakistan.”* During my academic journey I have published a number of journal articles in well-reputed journals. I am well versed in the domain of quantitative research and have a firm grip on Partial Least Structural Equation Modeling (PLS-SEM).

Presently, I am serving as an Assistant Professor in the Department of Civil Engineering, Faculty of Engineering and Architecture. Moreover, I am engaged in different research projects in the field of project management with professors and research groups from different universities in Malaysia. My aims to share my knowledge and academic insights with my fellow researchers and students at BUIITEMS.

**Dr. Muhammad Akram:** I received my Ph.D. degree in Computer Engineering 2018 under the guidance of Prof. Dr. Tae Ho Cho from Sungkyunkwan University, South Korea. Currently, I am associated with the Faculty of Information and Communication Technology at BUIITEMS as an Assistant Professor. During my Ph.D. I worked on: *“Energy Efficient Fuzzy Adaptive Verification Node Selection-Based Path Determination in Wireless Sensor Networks”*.



I have worked with the Intelligence Modeling Lab. at Sungkyunkwan University, South Korea from Spring 2014 to Spring 2018. My research at Intelligence Modeling Lab. focused on the application of Artificial Intelligence and Genetic Algorithm-based Optimization Techniques for achieving energy efficiency in Wireless Sensor Networks. Working under the supervision of Prof. Tae Ho Cho was really a nice experience and it definitely provided me with an opportunity to engage in multiple research topics and collaborations. Currently, I am engaged in different research projects in the field of information security.

**Dr. Nadeem-Uz-Zaman:** I received my Ph.D. degree on 30<sup>h</sup> April, 2018 under the guidance of Prof. Dr. Zainab Bibi. Currently, I am working as Assistant Professor at BUIITEMS. I worked on *‘The Anatomy of Workplace Advice Network in Relationship with Employee’s Personal Characteristics, Psychological Profile and the Perceived Leadership Styles’*.



My work with Dr. Zaiانب was very important. She has been supporting me throughout my Ph.D. process. The most important aspect of her supervision in which I really benefitted from her was that she gave me complete leverage over my research. I was to decide what to include or exclude. In fact, she trusted me a lot. Her moral support and motivation was a key factor in the successful completion of my studies on time and in an effective manner.

**Dr. Naik Muhammad:** I received my B.Sc. in the Civil Engineering from University of Engineering and Technology, Peshawar, Pakistan on 9th July-2018 and joined BUIITEMS as Lecturer in 2010. I have completed my MS and Ph.D. in Structural Engineering at the Department of Civil and Environmental Engineering, Hanyang University, South Korea, in 2018. I worked in the Structural Engineering laboratory under the supervision of Prof. Dong-Ho Choi (Ph.D. from MIT).



I worked on the *Structural Dynamics and Simulations* in my Ph.D. research, and my Ph.D. title was *“Dynamic Responses of Submerged Floating Tunnels with Mooring Cables under Waves, Earthquakes, and Moving Loads “*.

I worked on several projects during my Ph.D. research including cable-supported bridges, submerged floating tunnels, floating wind turbines, the effect of sea waves, earthquakes and high-speed trains on the structural response of Civil Structures.

My research interests are statics and dynamics of frame structures, bridges, finite element modeling and simulations, cables modeling, cable-supported bridges, offshore floating structures, earthquake resistant design of structures, development of design spectrum and generation of code compatible ground motions. I am more interested in the practical design of bridges and buildings in earthquake-prone regions.

**Dr. Raja Asif Wagan:** I received my Ph.D. degree in Information and Communication Engineering on 30th July 2018 under the guidance of Prof. Dr. Kang Weixin. Currently, I am working as Assistant Professor at BUIITEMS. I worked on *Heterogeneous Routing Protocols for Wireless Sensor Networks* PhD research:

Working in Prof. Kang Weixin lab was a great experience and an opportunity to engage and initiate in multiple research topics and collaborations.



**Dr. Azmatullah Khan:** I received my Ph.D. degree on 31<sup>st</sup> August, 2018 under the guidance of Prof. Dr. Ki-Hyun Kim. Currently, I am working as Assistant Professor (Department of Civil Engineering) BUIITEMS. I worked on *Adsorption of Benzene using Divers Sorbents under the Ambient Conditions (Atmospheric Pollution)*:

Working in Prof. Ki-hyun Kim's lab was a great experience and an opportunity to engage and initiate in multiple research topics and collaborations.



**Dr. Asma Yousafzai:** I received my Ph.D. degree on November 7th, 2018 under the guidance of Prof. Dr. Jamil Ahmad, BUIITEMS, Quetta. Currently, I am working as an Assistant Professor in the Faculty of Life Sciences & Informatics, BUIITEMS. I worked on *"Mutational Analysis of High Risk Genes (BRCA1 AND BRCA2) in Breast Cancer Cases from Balochistan"*.

Working in Prof. Dr. Jamil Ahmad Lab was a great experience and an opportunity to engage and initiate in multiple research topics and collaborations.



**Dr. Muhammad Habib:** I did my Bachelors in Civil Engineering from University of Engineering and Technology, Lahore in 2009. I joined BUIITEMS in October 2010. Later, I secured Masters leading to PhD scholarship to Huazhong University of Science and Technology (HUST), China. I have conducted research on Cable Stayed Highway Bridges during his Masters.

I continued my Ph.D. under the supervision of Prof. Dr. Chen Zhijun. my PhD thesis was on *"Analysis of High-Speed Railway Bridge Subjected to Earthquake Loads: An Integrated Coupled Element Approach."* Currently, I am serving as a Lecturer in the Department of Civil Engineering, Faculty of Engineering and Architecture.



**Dr. Muhammad Abbas Khan:** I received my Ph.D. degree in *SIGNAL PROCESSING* on December 03, 2018 under the guidance of Prof. Dr. PIAO YAN. Currently, I am working as an Assistant Professor in the Faculty of Information & Communication Technology at BUIITEMS. I worked on *mentioned Ph.D. research*: Working in Prof. Piao Yan's research lab was a great experience and an opportunity to engage and initiate in multiple research topics and collaborations. Dr. PIAO YAN always encouraged us to explore new fields in order to get a broader perspective and bring together new ideas and methods in order to solve interesting problems.



**Dr. Ahmer Hussain Shah:** I received my Ph.D. degree in the mid of April, 2019 under the guidance of Prof. Dr. Xiaodong Xue. Currently, I am working as Lecturer at BUIITEMS –I worked on preparation and properties of biomass reinforced thermosets.

Working in Prof. Xue's lab was a great experience and an opportunity to engage and initiate in multiple research topics and collaborations. Dr. Xue always encouraged us to explore new fields in order to get a broader perspective and bring together new ideas and methods in order to solve interesting problems. I feel that this freedom and creativity to think outside the box have better me as a researcher and helped preparing me to my current position.



**Dr. Zameer Ahmed Abro:** I did my Bachelor's degree in 2002 with majoring in Textile Engineering from Mehran University of Engineering and Technology, Jamshoro, Sindh Pakistan. I joined BUIITEMS in October 2009. Later, I secured a Master's degree in Textile Engineering from Zhejiang Sci-Tech University (ZSTU), Hangzhou, China. I researched "comfort properties of cotton and bamboo fabrics" during my Master's degree.

I continued my Ph.D. in Textile Engineering and Science from Donghua University, Shanghai China. I have done me all research work under the supervision of Prof. Dr. Chen Nanliang. The topic of my Ph.D. thesis was on "*Development of FBG and FLEX sensing garments for monitoring body postures.*" At present, I am serving as an Assistant Professor in the Department of Textile Engineering, Faculty of Engineering and Architecture.



**Dr. Tayyaba Akram,** I did my MBA in Finance from BUTIEMS in 2007 and the same year I joined BUIITEMS as a faculty member in department of Management Sciences. In 2011, I pursued for my M.Phil. degree from the Quaid-i-Azam University, Islamabad and received my degree in 2013. Later, I became the principal candidate for the cultural exchange scholarship offered by the Ministry of Interprovincial Coordination (IPC) in 2013 for my PhD studies from China. I accepted the offer and attended Donghua University from the year 2013 to 2018 for completing my Ph.D. in business administration.

The title of my thesis was "The impact of relational leadership on the employee innovative work behavior: Investigating the mediating role of organizational social capital and moderating role of gender in Chinese service sector". I published several research articles in reputable international journals including ESCI journals.



**Dr. Hamayoun Yousaf Shahwani:** I did my Bachelors in Telecommunication Engineering from BUIITEMS in 2010. I then joined BUIITEMS as a lecturer in 2011. In 2014 I got HEC scholarship for MS leading to Ph.D. program and received my Ph.D. degree in Feb 2019 from Sungkyunkwan University, South Korea in Electronic and Electrical Engineering under the supervision of Prof. Jitae Shin. My Ph.D. thesis title was "Resource Allocation for Cluster-based M2M in Vehicular Networks". Currently I am working as a lecturer in BUIITEMS. My research interests are in the field of VANET, M2M, D2D and sensor networks.



**Dr. Syed Hasrat Hussain Shah:** I did my MSc in mathematics from University of Peshawar in 2010 and MS in applied mathematics specialization in General Theory of Relativity from COMSATS institute of Information Technology Abbottabad in 2012. I joined BUIITEMS in December 2012. In 2015, I got fully funded scholarship for Ph.D. studies from University of Science and Technology of China (USTC) China on January 7, 2019. I have carried out research in General Relativity, Cosmology and Black Hole Physics.



I continued my Ph.D. under the supervision of Prof. Dr. Yuan Ye-Fei. During my PhD studies, I worked on various research projects including Electromagnetic Counterpart of Gravitational Waves, Gravitational Collapse, Black Hole Formation from Collapsing of a Star. My Ph.D. thesis title was on “*Black Hole Formation in the context of general relativity and modified theory of gravity.*” I have published 10 articles in well reputed, high impact factor journals of our field. Currently, I am serving as a Lecturer in the Department of Mathematical Sciences, Faculty of Arts & Basic Sciences.

**Dr. Muhammad Taimoor:** I did my Bachelors in Electronic Engineering from BUIITEMS, Quetta in 2007. I joined BUIITEMS in November 2007 as a lecturer. I departed for higher studies to University of Kassel, Germany in 2010.



I graduated from University of Kassel, Germany, with M.Sc. in Electrical and Communication Engineering in 2012. During my Masters I have conducted research on chirped optical filters for optical communication applications. Later I joined Institute of Nanostructure Technologies and Analytics, University of Kassel as a Ph.D. student.

My area of research involved the investigation of multilayer thin-film structures with distributed cavity for optical filter and laser applications. Currently, I am associated with Department of Electronic Engineering, Faculty of Information and Communication Technology.

**Dr. Asad Naeem:** I did my Bachelors in Civil Engineering from University of Engineering and Technology, Lahore in 2012. I joined BUIITEMS on 7th January 2013. Later, I secured Masters leading to Ph.D. scholarship to Sungkyunkwan University (SKKU), South Korea under HEC scholarship program.



I have conducted research on earthquake resistant structure seismic retrofitting system of building structures. I continued my Ph.D. under the supervision of Prof. Kim Jinkoo. My Ph.D. thesis was on “Experimental and analytical seismic performance evaluation of structures retrofitted with self-centering energy dissipation systems”.

Currently, I am serving as a Lecturer in the Department of Civil Engineering, Faculty of Engineering and Architecture. I am keen to conduct research in the area of “Structural Engineering”, “Structural Dynamics” and “Seismic Retrofitting.”



**Dr. Jameel Ahmed Khan:** I received my Ph.D. Degree on 22<sup>nd</sup> February 2019, under guidance of Prof. Dr. Hyunchul Shin. Currently, I am working as Lecturer at BUIITEMS, Quetta. During my Ph.D. I have conducted research in “Computer Vision” and “Image Processing” area. My Ph.D. thesis title was “Image Pre-processing Techniques for Improving Object Recognition Performance of Deep Neural Networks”. I am keen to conduct research in area of artificial intelligence, self-driving smart vehicles, robotic vision, de-weathering from images and videos, and intelligently recognizing medical images.



Working in Prof. Shin's lab was a great experience and an opportunity to engage and initiate in multiple research topics and collaborations. Dr. Shin always encouraged us to explore new fields in order to get a broader perspective and bring together new ideas and methods in order to solve interesting problems. I feel that this freedom and creativity to think outside the box have better me as a researcher and helped preparing me to my current position.

**Muhammad Ashraf:** I received my Ph.D. degree in Electrical and Computer Engineering from Sungkyunkwan University, Korea on January 17, 2019. My B.E. and M.S. degrees in Computer Systems Engineering from Balochistan University of Engineering and Technology, Pakistan and the University of Engineering and Technology Taxila, Pakistan in 2007 and 2013, respectively.



I am currently working as Assistant Professor in Balochistan University of Information Technology, Engineering and Management Sciences, Pakistan. My research interests include wireless networks, intelligent systems and enterprise resource planning.

**Dr. Gohram Malghani:** I received my Ph.D. degree from University of Technology Malaysia during 62<sup>th</sup> convocation on 29<sup>th</sup> of April 2019. I completed my PhD under the guidance of Prof. Dr. Foziah Johar, working as a senior faculty member in “Faculty of Built Environment and Surveying”. During my Ph.D. I worked on flood disaster management and my *Ph.D. thesis title was:* “Integrating community factors in Pakistan’s flood disaster management framework”. Working with my supervisor was a great opportunity to experience international standard learning and collaboration with international scholars from Australia, USA and Japan. My supervisor always encouraged me and helped in exploring new ideas to solve my Ph.D. research questions. Here I want to thank my parent university BUIITEMS for giving me opportunity to learn from international scholars. I also want to thank for all the support and trust from BUIITEMS human resource department to achieve my Ph.D. degree. Achieving Ph.D. degree was a moment of happiness for me and my family. I also extend my thanks to BUIITEMS worthy Vice Chancellor for encouraging attitude towards me during my joining after completing my Ph.D. degree. “Thank you sir”. Currently, I am working as Assistant Professor at BUIITEMS in Department of Environmental Management and Policy. I am positive that my Ph.D. experience will help me to guide and lead my future students towards a better learning from me.



## MS Thesis Defense BUIITEMS During Fall 2018

Student	Department	Date	Topic	Supervisor	External Reviewer
Mr. Imran Khan	International Relations	October 18, 2018	"Challenges to Polio Eradication Campaign: A Case Study of Balochistan"	Dr. Aurangzaib	Dr. Abdul Manan Professor UOB Quetta
Mr. Mohammad Jan	International Relations	October 18, 2018	"North Korean Nuclear Issue: Its impact on Asia-Pacific Region"	Dr. Aurangzaib	Dr. Abdul Manan professor UOB Quetta
Ms. Zahra Malghani	International Relations	October 18, 2018	"Asia Pivot: Strategic Repercussions for Pakistan"	Dr. Aurangzaib	Dr. Abdul Manan professor UOB Quetta
Mr. Asif Khan	International Relations	December 26, 2018	Global Power Transition from Unipolarity to Multipolarity: Implications for Middle East	Mr. Hidyat Ullah	Dr. Muhammad Mushtaq Associate professor University of Gujrat
Mr. Abdul Hadi	International Relations	December 26, 2018	United Nations Security Council (UNSC): Enlargement options and Possibilities	Mr. Abdul Wadood	Dr. Muhammad Mushtaq Associate professor University of Gujrat
Mr. Muhammad Ameer Ayaz	International Relations	December 26, 2018	Syrian Refugee Crises: An Analysis Of European Response	Mr. Abdul Wadood	Dr. Muhammad Mushtaq Associate professor University of Gujrat
Mr. Taimur Khalid	International Relations	December 27, 2018	Indo-Afghan Nexus: Implications for Pakistan	Dr. Aurangzaib	Dr. Muhammad Mushtaq Associate professor University of Gujrat
Ms. Omaima Asim	Department of Economics	October 15, 2018	Impact of income inequality and parental education on family offspring schooling	Dr. Abdul Salam Lodhi	Dr. Lubna Naz Associate Professor, University of Karachi
Ms. Shumaila Rasheed	Department of Economics	October 17, 2018	Analysis of household income, consumption and saving; an interpretation of cross-sectional data	Dr. Abdul Salam Lodhi	Dr. Kaneez Fatima, Assistant Professor, UOB Quetta
Ms. Asma Farheen	Department of Economics	December 8, 2018	Macroeconomic consequences of terrorism: a case study of Pakistan	Dr. Abdul Salam Lodhi	Dr. Syed Manzoor Ahmed Dean FOSSMIT & Head of Department, LUWAMS, Uthal
Mr. Gohar Khan	Department of Economics	December 11, 2018	Comparative study of Rural and Urban Willingness to Pay for Improving Solid Waste Disposal in Quetta.	Mr. Muhammad Jawad Khan	Dr. Khalid Khan, HOD/Assistant Professor, LUWAMS, Uthal

Student	Department	Date	Topic	Supervisor	External Reviewer
Yaseen Khan	Department of Mathematical Sciences		Subclass of Analytic Function associated with Canonical Domain	Mr. Irfan Ali	
Mahab Malghani	Department of Mathematical Sciences		Tensor product & application of 5-point binary approximating subdivision scheme	Dr. Abdul Ghaffar	
Abdul Wahid	Department of Mathematical Sciences		Derivations involving centralizers in lattices	Dr. Abdul Ghaffar	
Khurram Pervaiz	Department of Mathematical Sciences		Convexity & Shape preserving 4-point & 6-point binary interpolating subdivision scheme	Dr. Abdul Ghaffar	
Mudassar Iqbal	Department of Mathematical Sciences	Dec. 28, 2018	Tensor Product And Analysis of Nine-Tic B-Spline Scheme	Dr. Abdul Ghaffar	Dr. Muhammad Zulfiqar Assistant Professor Department of Mathematics GC University Lahore
Manzoor Hussain	Department of Environmental Management and Policy	November 5, 2018	Human Exposure to Lead and Health Risk Assessments of Auto-Mobile Technicians in Selected Areas of Quetta, Pakistan".	Dr. Faiza Akhtar	Dr. Badar Moghira, Chairperson Department of Environmental Sciences, Sargodha University, Lahore (External Examiner), Dr. Faiza Akhtar, Chairperson Department of Environmental Management and Policy
Noornamea Panezai	Department of Chemistry	December 13, 2018	"Fluoride correlation with other Physico-chemical parameters and its effects on health of children in drinking water of Quetta, Pakistan"	Dr. Mujtaba Elahi	Dr. Muhammad Imran Malik (H.E.J Research Institute of Chemistry, University of Karachi)



## Directorate of Sports

### All Balochistan Inter Universities Cricket Tournament

BUITEMS Cricket Team participated in All Balochistan Inter Universities Cricket Tournament on January 01, 2018. Players and the team worked hard for the event and attended the practice camps arranged by cricket coach, Shoaib Khan.

The team won three consecutive rounds against University of Balochistan, UET Khuzdar and University of Turbat respectively. They made their way to the final which was played with the Al-Hamd University in which they stood runners up.



### All Pakistan 39th HEC Intervarsity Football (Male) Tournament



At BUITEMS we believe that sportsmanship of students can contribute significantly towards their academic achievements. It can also contribute in shaping their social behaviour and character as well as career.

#### Football Zone I

All Pakistan HEC Intervarsity Football Zone I Tournament was successfully held at LUWAMS University Lasbela from January 13-18th, 2018. BUITEMS Football Team also participated in the event and won the final match against LUWAMS by 1-0.

#### Final Round

All Pakistan 40th HEC Intervarsity Football Men Tournament Final Round was successfully conducted at University of Peshawar, from January 28th to February 4th, 2018. BUITEMS Football Team participated in the event after playing qualifying round at LUWAMS, Lasbela.



A training and coaching schedule of four days was arranged by Mr. Akhter Moiuddin held at Qayumm Stadium Peshawar for further grooming of BUITEMS Football Team. Mr. Masood Ahmed Kasi was the team manager and Mr. Akhter Moiuddin was the coach. In this tournament BUITEMS lost its match against University of the Punjab as they played well that day.

## HEC Inter Zone Cricket Tournament 2018

This year has been the year of achievements for BUITEMS Cricket Team. BUITEMS participated in HEC Inter Zone Tournament 2018, in which all universities of the province participated to qualify for HEC Cricket Tournament (final round).

BUITEMS played first and second round with University of Loralai and Alhamd University, winning both matches. BUITEMS team qualified for the final round which was played against University of Balochistan and defeated University of Balochistan at their home ground. Asad Hussain, the (LR) spinner took four wickets in the final and was declared Man of the Match.



## All Pakistan 40th HEC Intervarsity Cricket Tournament



### Zone I

All Pakistan HEC Intervarsity Cricket Zone I Tournament was held at the University of Balochistan Quetta from January 19-21<sup>st</sup>, 2018 in which four universities from all over Balochistan took part. BUITEMS Cricket Team won all its matches including final match against University of Balochistan. BUITEMS qualified for final round on 15<sup>th</sup> February 2018 in Lahore.

### Final Round

All Pakistan 41st HEC Intervarsity Cricket Men Tournament Final Round was held at University of Punjab, Lahore, from February 15-21, 2018.

Before the final round, BUITEMS Cricket Team joined a fifteen days training camp at National Cricket Academy (NCA) Lahore. It is the leading cricket academy of Pakistan which provides international/national coaching and training facilities. The visit of NCA and the training sessions, surely enhanced the skills of our players and gave them confidence to play well in future and final round of Cricket tournament.



The training sessions were for a period of fifteen days including several practice matches. The academy has many facilities for the players including gym, swimming pool, indoor/outdoor net practice and ground facility. In the final round, BUITEMS Cricket team defeated Islamia College/University Peshawar winning the match by 5 wickets in their first match of "41st HEC inter-varsities cricket tournament 2018" at Lahore and qualified for quarter final.



Islamia University were bowled out for 126 in 31st over. Our bowlers took wickets regularly, the figures were: Shakeel ur Rehman 3/23, Shaizad Kasi 3/23, Zainullah 2/15. BUITEMS chased the target quite easily and won in the 26th over with 5 wickets remaining. Batsmen Masood-ur-Rehman scored 50 runs and Fareed scored 25 runs and were among the top scorers. It may be noted that this is the first win for BUITEMS Cricket team in

HEC final round matches after 16 years. BUITEMS won its second match against Sindh University Jamshoro by 4 runs qualifying for the semifinal. It was hard luck for BUITEMS to have lost the semifinal against UET Lahore by 4 wickets.

### All Pakistan Inter-Varsity Badminton Championship 2018

All Pakistan Inter-Varsity Badminton Championship was held under the auspices of HEC at the University of Karachi from January 29<sup>th</sup> to 3<sup>rd</sup> February, 2018. A total of 19 teams/ institutions from all over Pakistan participated in the tournament. BUITEMS lost its first match against BZU Multan by 2-1.



### 19th All Pakistan School/ Colleges/ Universities Scrabble Championship 2018

The Pakistan Scrabble Association organized 19th All Pakistan School Colleges Universities Scrabble Championship at BBS Parsi High School Karachi from 2nd to 4th February, 2018.

A total of 1750 students took part from all over Pakistan. BUITEMS Scrabble team also participated in the championship. From BUITEMS, Muhammad Zia, students of BS(BA) secured the 10th position among top 10 players and Arif Hussain, student of BS(BA) got 2nd position in age category "J". Mr. Masood Ahmed Kasi was the team manager and Miss Sadia Irfan was the team coach.



## HEC All Pakistan Basketball Tournament

BUIITEMS Basketball Team of 10 players and officials participated in All Pakistan Inter University Basketball Tournament held at University of the Punjab, Lahore from 6th February to 10th February, 2018. BUIITEMS played its first match against Islamia College on 6th February at Punjab Sport Board Basketball Court. Match was played in a very interesting and professional style. Islamia College stood winner. Coaching responsibilities were performed by Mr. Muhammad Azam, the Sports Coach.



## All Pakistan Inter-Varsity Bodybuilding Championship 2018



All Pakistan Inter-Varsity Bodybuilding championship was held at the University of Veterinary and Animal Sciences, Lahore under the supervision of HEC from February 15-18, 2018.

The opening ceremony was held on 16th February, 2018. A total of 88 players from 19 universities participated in the event. BUIITEMS team also participated in the championship.

During the event, body builders from various universities showed their skills and performance and scored the points for different styles and positions they posed. Muhammad Saeed from BUIITEMS secured bronze medal in all Pakistan 85 KG category bodybuilding. He will also compete in All Pakistan National Games which are going to be held in near future.

## All Pakistan Inter- Varsity Wushu Championship 2018

All Pakistan Inter-Varsity Wushu championship was held at University of Management Technology (UMT), Lahore under the supervision of HEC from February 18-22, 2018.

The opening ceremony was held on 19th February, 2018. A total of 88 players from 18 universities participated in the event. BUIITEMS team also participated in the championship.



## HEC Inter University Basketball (Women) Championship 2018

All Pakistan HEC Inter University Female Basketball Championship was held in Kinnaird Collage for Women University Lahore. Championship started from March 5th, 2018.

BUITEMS Female Basket Ball team players along with its officials also participated. The opening match was played between BUITEMS and COMSATS University. A total of 20 teams from different universities participated in the championship. Mr. Muhammad Azam and Miss Sadia Irfan accompanied the team as manager and coach respectively. BUITEMS team did well to qualify for the quarter- final match, which it played against COMSATS University. At the end, COMSAT University stood victorious after a tough competition from BUITEMS.



## All Pakistan Inter-Varsity Boxing Championship 2018

All Pakistan Inter-Varsity Boxing championship was held at National University of Computer and Emerging Science, (FAST) Islamabad under the supervision of HEC from March 3rd to 8th of March, 2018. The opening ceremony was held on 4th March, 2018. Two hundred and sixty- four universities players participated in the event. The boxers from various universities showed their skills and performance and scored points for different styles and positions they posed. Mushtaq Hussain of BUITEMS got silver medal in all Pakistan 64 KG category boxing out of 18 players in the same class.



## All Pakistan Inter-Varsity Badminton (Female) Championship

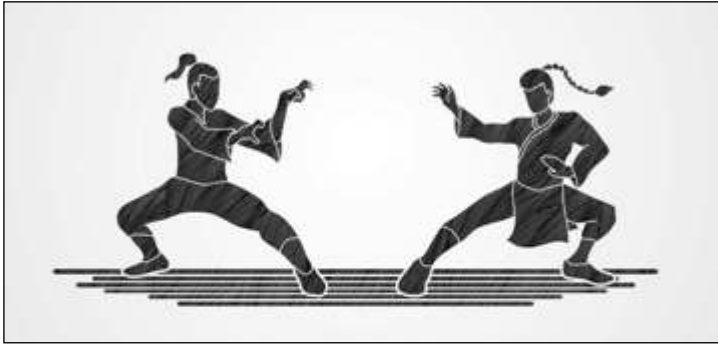


All Pakistan Inter-Varsity Badminton (Female) Championship was held under the auspices of HEC at the Muhammad Nawaz Sharif University of Agriculture Multan from March 8- 12th, 2018.

A total of 24 teams / institutions from Pakistan participated in the tournament. BUITEMS lost its match against GCU Faisalabad Multan by 2-0.



### FISU 1st World University Championship



BUITEMS student Mr. Shahziab Khair has been selected for first FISU First World University Wushu Championship which will be held from August 2-5 August, 2018 at Macau, China.

His selection was based on his excellent performance in National Wushu (Kung-Fu) Championship, 2018.

### All Pakistan Inter Varsity Chess Championship 2018

All Pakistan inter varsity Chess championship was held at University of the Punjab Lahore (PU Lahore), under the supervision of Higher Education Commission (HEC) from May 12- 16, 2018.

The opening ceremony was held on May 13, 2018. Thirteen universities including BUITEMS participated in the event. BUITEMS got 3rd Position in All Pakistan Inter Varsity Chess Championship. The prize distribution ceremony was held on 15th of May 2018. The Director Sports of PU Dr. Muhammad Zafar Iqbal Butt, was the chief guest. He congratulated the winning team and also granted trophy & cash prize to BUITEMS Chess Team.



### All Pakistan Inter Varsity Table Tennis Championship 2018

All Pakistan inter varsity Table Tennis championship was held at University of Punjab Lahore (PU Lahore), under the supervision of Higher Education Commission (HEC) from May 12- 16, 2018. The opening ceremony was held on May 13th, 2018. Fifteen universities including BUITEMS participated in the event.

BUITEMS team played best of 3 matches with University of the Punjab and lost the match after a tough competition by 2-1.



### All Pakistan Inter Varsity Taekwondo Championship 2018

All Pakistan inter varsity Taekwondo championship was held at University of Punjab Lahore (PU Lahore), under the supervision of Higher Education Commission (HEC) from 12-16, 2018. The opening ceremony was held on May 13th, 2018. Fifteen universities including BUITEMS participated in the event. Taekwondo from various universities showed their skills and performance and scored the points for different styles and positions they posed. Mr. Osama Ahmed of BUITEMS got bronze medal in 75 KG category Taekwondo among 16 players in the light weight.



### BUITEMS 3rd Inter Faculty Football League Championship- 2018



Apart from education, you need good health, and for that, you need to play sports. The Directorate of Sports BUITEMS arranged her 3rd Inter Faculty Football League Championship- 2018 from 8th to 20th August,2018 .The participant faculties were Faculty Of Information And Communication Technology (FICT), Faculty of Engineering and Architecture (FoE & A), Faculty of Arts and Basic Sciences (FABS), Faculty of Management Sciences (FMS) and Faculty of Life Sciences & Informatics (FLSI).The final match of the tournament was played on September 6th between FICT and FABS. FABS won the

final on Penalty shoot-out. Worthy Vice Chancellor BUITEMS Mr. Ahmed Farooq Bazai was the chief guest at the prize distribution ceremony.

### BUITEMS 13th Inter- Departmental T- 20 Cricket Tournament 2018

The Directorate of Sports BUITEMS arranged her 13th Inter Departmental T-20 Cricket Tournament 2018 from 8th to 20th August,2018. A total of 28 departments participated in the tournament. The final match of the tournament was played on September 6th between DMS and Sociology. DMS won the tournament by 03 wickets. Registrar BUITEMS Mr. Jamal Mustafa was the chief guest at the prize distribution ceremony.



### All Pakistan HEC Zone “I” Events-2018-19

HEC Sports Division in collaboration with the universities of Pakistan organized seven *male* events; Badminton, Basketball, Cricket, Football, Hockey, Table Tennis, and Volleyball. Starting from the month of October to December 2018. Each event was first played in zones where the top 2 teams from each zone qualified for the final round. Participating universities were divided into 9 zones from A to I. Zone I included the following universities; BUITEMS, University of Balochistan, LUWAMS Lasbela, University of Turbat, University of Loralai, and Al Hamd Islamic University Quetta. BUITEMS participated in all and qualified for the final round of each event.



S #	Event	Venue	Winner	Runner Up
1	Football	LUAWMS	BUITEMS	LUAWMS
2	Badminton	AIU Quetta	BUITEMS	Al Hamd University
3	Cricket	BUITEMS Quetta	BUITEMS	Al Hamd University
4	Table Tennis	UET Khuzdar	BUITEMS	UET Khuzdar



## BUITEMS 5th Spring Olympiad

Directorate of Sports BUITEMS organized 5th Spring Olympiad from October 13-22, 2018 at BUITEMS Quetta. Vice Chancellor BUITEMS, Mr. Ahmed Farooq Bazai was the chief guest at the prize distribution ceremony. The event detail and winner and runner up are as under:

### Male Events

S#	Event	3rd Position	2nd Position / Runner Up	1st Position /Winner
1	100 Meter Race	Abdullah (Mechanical)	Abdul Samad (BS-Physics)	Wajahat Noor (Mathematics)
2	200 Meter Race	Altaf Hussain (Mass Comm)	Jaffar (Economics)	Wajahat Noor (Mathematics)
3	Long Jump	Asad Hussain (BS-Mining)	Arsalan (BS-Telecom)	Altaf Hussain (Mass Comm)
4	Discus Throw	Siraj Uddin (BS-IT)	Nabeel Bughty (Electrical)	Muhammad Asif (BS-English)
5	Shot Put	Momin Khan (BS-Telecom)	Imran Khan (BS-Mining)	Muhammad Asif (BS-English)
6	Javelin Throw	Altaf Hussain (Mass Comm)	Nabeel Bughty (Electrical)	Syed Muhammad Bilal (FMS)
7	Marathon	Wajahat Noor (BS Mathematics)	Hamza Nadeem (Mechanical)	Arif (BS Economics)
8	Football		BS IT	TELECOM
9	Best Goalkeeper	BILAL		
10	Top Scorer Football	ARSALAN		
11	Volleyball		Afaq Khan (Geological)	Sajad Ur Rehman (BS Chemical)
13	Volleyball-Best Player	Muhammad Idrees (P & G)		
14	Basketball		Ahsan Ullah (DMS)	Fahad Hussain (Mechanical)
15	Basketball-Best Player	Zafeer Atif (BS-Mechanical)		
16	Badminton		Hassnain/Asghar (BS-P&G)	Waqas/Adeel (Geological)
17	Table Tennis		Haribar/Shiraz (BS-EE)	Mohib Ur Rehman/Farooq (FMS)
18	Chess		Arsalan (BS-CE)	Saqib Nadeem (BS-IT)
19	Tug of War		Saad Ullah (Mechanical)	Umar Butt (FMS)
20	Scrabble		Nazir Hussain (BS-IR)	Muhammad Zia (BS-English)
21	Best Athlete	Wajahat Noor (BS Mathematics)		
22	Rifle Shooting	Syed Pervaiz (MBA)	Azmat Ullah (BS-Geological)	Sajid Khan (P&G)
20	Cricket		Zain Ullah (FABS)	Najeeb Achakzai (FoE & A)
21	Man of the Match-Final	Hamid (Mass Comm)		
22	Best Bowler	Zain Younas (FMS)		
23	Man of the Series	M. Saeed		
25	Best Batsman	Ahsan		



**Female Events**

S#	Event	3rd Position	2nd Position /Runner Up	1st Position /Winner
1	100 Meter Race	Nimra (B-Fine Arts) FABS	Duaa Shezadi (BS-Civil)	Aqsa Nisra (B-Architecture)
2	200 Meter Race	Rahima Karim (BS-IR)	Latifa (FMS)	Nimrah Hameed (Fine Arts)
3	Discus Throw	Unsa Majeed (BS-Civil)	Tahira (FMS)	Batool (FMS)
4	Shot Put	Quaratulian Khan (BS-CS)	Unsa Majeed (BS-Civil)	Farwa (FMS)
5	Javelin Throw	Tahira (FMS)	Batool ( FMS)	Duaa Shezadi (BS-Civil)
6	Marathon	Latifa (Faculty of Management Sciences)	Nimra (B-Fine Arts) FABS	Umaima (B-Architecture)
7	Badminton		Sajida/Latifa (FMS)	Mahnoor/Khuzima (Electrical)
8	Table Tennis		Amara/Laiba (BS-IT)	Fareeba/Zainab (Fine Arts)
9	Chess		Aalia (BS-EE)	Hira (Software)
10	Tug of War		Asma (Electronics)	Tahira (FMS)
11	Scrabble		Umm-e-Laila (BS-IT)	Zhora Batool (BS-IR)
12	Best Athlete	Batool (FMS)		
13	Rifle Shooting	Somiya (Computer Science)	Maryam (Telecom)	Gull Makai (Fine Arts)



**Admin & Faculty Events (Male)**

S#	Event	3rd Position	2nd Position /Runner Up	1st Position/ Winner
1	Chess		Muhammad Bilal (FABS)	Basharat (Zhub Campus)
2	Marathon Race	Muhammad Khalid (FLSI)	Muhammad Asif (Transport)	Abdul Nafey (FoE & A)
3	Badminton		Imran/Qasim (FoE&A)	Addal Saddiqui/Zahid (FICT)
4	Table Tennis		Kamran Sami (Dean FoE&A)	Ahsan Achakzai
5	Football		Zubair (Registrar Office)	Abdul Kareem (Admin Transport)
6	Rifle Shooting	Muhammad Sabri Kasi (Sports Officer)	Zafar Baloch (A/P FABS)	Hamd Ullah (Security Officer)
7	Tug of War		Kareem (Admin)	Jabbar (Admin)



**Admin & Faculty Events (Female)**

S#	Event	3rd Position	2nd Position /Runner Up	1st Position/ Winner
1	Chess		Palwasha Aaman	Roshana Aaman
2	Table Tennis		Miss. Maria (UA&FA)	Miss.Kinza (UA&FA)
3	Badminton		Sania/Sanam Zaib (FLSI)	Maria/Kinza/Zarlush (UA&FA)
4	Rifle Shooting	Miss. Malgharara (Telecom)	Miss. Mehwish Sahibzada (English)	Miss.Sara Ayub (Electrical)



## Marathon Race BUIITEMS 5th Olympiad

The first sports activity hosted by BUIITEMS at 5th Olympiad was the marathon race organized on 15th October 2018. 35 athletes participated in marathon including students, administration staff and faculty members. Participants without chasing number were not allowed to run in the marathon.



The marathon was held under the guidance of clubs & councils at BUIITEMS. BUIITEMS provided health and care facilities to every participant during the marathon. The lap started from Road stove then masjid, Sir Syed block, and Hot & Chillie cafeteria. Runners got their token from the second gate and then they came back through the same track to complete the lap. The winner was Arif with chasing number 37 from the faculty of Management Sciences.

## All Balochistan Inter-University T-20 Cricket Female Tournament



On November 14-19, 2018, Pak Army Organized “All Balochistan Inter T-20 Women Cricket Tournament 2018” at Bolan Cricket Ground Quetta. Six universities took part in the said tournament.

BUIITEMS Female Cricket Team also participated in the tournament. BUIITEMS played its first match against SBK University. Mr. Masood Ahmed Kasi was Team Manager and Miss. Sadia Irfan was Team Coach.

## All Pakistan Intersarsity Cricket Zone I Championship 2018-19

All Pakistan Intersarsity Cricket Zone I Championship 2018/19 was held at BUIITEMS Quetta from November 26-30, 2018. The manager meeting was held on November 26, 2018. A total of 5 universities took part in the tournament. The Final Match was played between BUIITEMS and Al Hamd Islamic University Quetta. BUIITEMS won the final match by 60 runs. The prize distribution ceremony was held on November 30, 2018. Mr. MAK Malgani was the chief guest. He congratulated the champions and granted prizes to winner & runner-up teams. BUIITEMS Quetta, had hosted this event under the supervision of the Higher Education Commission (HEC), Pakistan.





### All Pakistan Intersarsity Table Tennis (Male & Female) Championship 2018-19

An All Pakistan intersarsity Table Tennis championship was held at University of Punjab, Lahore (PU Lahore) under the supervision of Higher Education Commission (HEC) from December 3-6, 2018, The opening ceremony was held on December 4, 2018. 17 universities participated in the Male Table Tennis event. BUIITEMS Table Tennis (Male) team played best of 3 matches with IBA University Karachi. BUIITEMS ended up losing the matches by 2-0. BUIITEMS Table Tennis (Female) team played its pre-quarterfinals match against University of Karachi. BUIITEMS lost the match after a tough competition by 2-1.



### All Pakistan Intersarsity Body Building Championship 2018-19

All Pakistan Intersarsity Body Building Championship 2018-19 was held at Lahore Garrison University, Lahore, from December 5-6, 2018. The opening ceremony was held on December 5th, 2018. 66 players of 18 universities participated in the event. BUIITEMS team also participated in the championship.

The bodybuilders from various universities showed their skills and performance and scored the points for different styles and positions they posed. Mr. Bilal Ahmed of BUIITEMS got Bronze Medal in all Pakistan 70 kg category bodybuilding amongst 12 players.



## Directorate of Quality Enhancement & Accreditation

The Directorate of Quality Enhancement & Accreditation is playing a vital role in the learning, teaching, curricula development, monitoring and reporting of external / internal quality reviews across all academic and non-academic units of the university.



### Strategic Highlights

Since the inception of Balochistan University of Information Technology, Engineering & Management Sciences (BUITEMS) in 2002, the institution has focused on Quality and Excellence in education as its prime objective. Quality in higher education is not confined rather it is a multifaceted and dynamic concept that relates to institutional mission and vision. Hence to achieve these organizational objectives, the Directorate of Quality Enhancement & Accreditation was established at BUITEMS in 2007 to ensure quality education. The directorate’s prime objective is to continuously monitor and evaluate academic standards, program objectives and achievement of institutional goals by ensuring Self-Assessment Processes and other means.



### Vision

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

### Mission

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





*Our Global Memberships*





**IPE Standards**

The IPE review panel including: Prof. Dr. Jamil Ahmed (Dean FLS&I, BUITEMS), Prof. Dr. Zahoor Ahmed Bazai (Director QAD, UoB), Dr. Faisal Khan (Dean FICT, BUITEMS) and Dr. Zahid Rauf (Director QE&A, BUITEMS) thoroughly reviewed the University Portfolio Report (UPR) along with supporting documents, processes, and procedure. Furthermore, it interacted with university officials, faculty and students and visited various facilities to assess the proper functioning of the university.



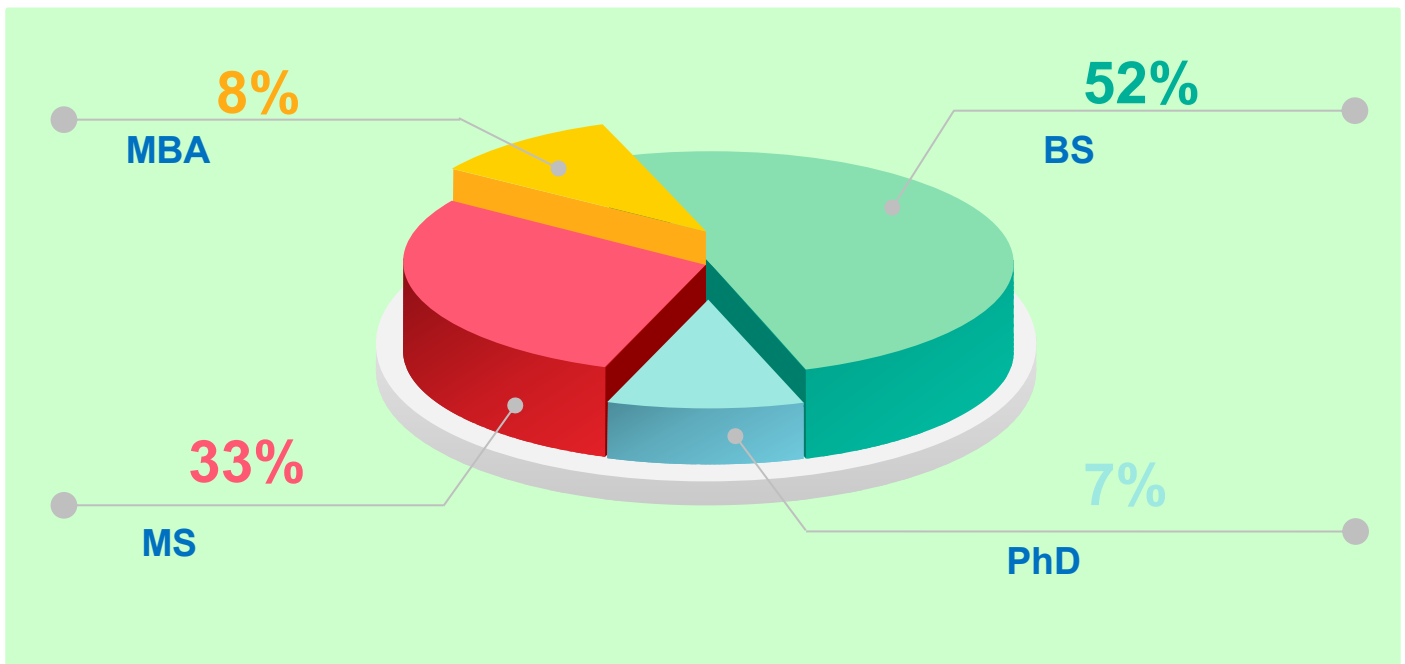
**• Program Level Evaluation**

The Directorate of Quality Enhancement & Accreditation conducts the self-assessment review to assess whether the academic programs meet their educational objectives and outcomes with the purpose to improve program quality and enhancing students learning.

Moreover, it enables the institution to identify its own academic strengths and weaknesses and to take proactive steps for improvement. By the end of year 2018, the Directorate with the help of the program teams completed the first cycle of self-assessment review process of all undergraduate and graduate programs offered at BUITEMS.

Total No. of Programs in which Self-Assessment is completed				
Bachelor	MBA	MS	Ph.D.	Total
31	5	20	4	60

Table: Self-Assessment Review Completed



**MS and PhD Program Review**

To ensure the quality of teaching and research of MS and PhD programs offered at BUITEMS, an internal review was conducted on June 27, 2018 by a panel of experts comprising Dr. Jan Muhammad (Dean FA&BS), Dr. Tariq Ahmad (Associate Professor, Department of Management Sciences), Dr. Muhammad Najam Khan (Dean FoE&A) and Dr. Zahid Rauf (Director QE&A). During the review process, the committee determines how well the criteria laid by HEC and university itself are being followed.

**Accreditation of Academic Program**

Accreditation is a process of validation in which colleges, universities and other institutions of higher learning are evaluated. The standards for accreditation are set by the accrediting body. It is an acknowledgement that an institution maintains educational standards and meets prescribed quality standards. The Directorate of Quality Enhancement & Accreditation monitors and facilitates the overall accreditation process of academic programs of BUITEMS. Our all study programs (wherever applicable) are accredited by the respective accrediting bodies/councils. In the year 2018, the following programs were externally reviewed and (re-)accredited:



**BS (Mechanical Engineering) Degree Program**

BUITEMS Bachelor of Science program in Mechanical Engineering has been accredited by Pakistan Engineering Council (PEC) for its first intake batch of Fall 2014.



**Bachelor of Architecture Degree Program**

The Bachelor of Architecture at Faculty of Engineering & Architecture BUITEMS has been re-accredited for Fall-2013 batch by Council for Architect and Town Planner (PCATP).



### ISO 9001:2015 Certification

TUV Austria, Bureau of Inspection & Certification (PVT) Ltd on April 05, 2018 certified BUIITEMS according to new standard of ISO 9001:2015 for the Quality Management System (QMS).

The certificate is valid for three years i.e. Till April 04, 2021. This transition from ISO 9001:2008 to ISO 9001:2015 required tremendous work due to the major changes in the quality standards and involved training for section heads to have clear understanding of the changes in ISO 9001:2015, revision of the existing QMS, effective implementation of the revised QMS at BUIITEMS and external audit.



## LOOKING AHEAD

### Implementation of Outcome Based Education (OBE) System

Pakistan Engineering Council (PEC) has made it mandatory for the engineering sector universities to implement Outcome Based Education system which is the basic requirement for accreditation of its engineering programs under the Washington Accord. OBE system is aimed to develop curriculum having measurable outcomes to be achieved in specific time with efficient resource utilization. There are three main levels where the efficiency of an engineering program is to be measured under the OBE system. These include program



education objectives, program learning objectives and learning outcomes. All these levels should meet the University's vision and mission and criteria stated under the Washington Accord. The Balochistan University of Information Technology, Engineering and Management Sciences (BUIITEMS), Quetta is already in the process of implementation of Outcome Based Education System for its Engineering programs. Various trainings and workshops were conducted for faculty members to make them aware of the OBE system and understand the requirements of PEC OBE accreditation system. The Engineering Departments have defined the program objectives and outcomes, and mapped the course learning outcomes (CLOs) with program learning outcomes (PLOs) in their Board of Studies (BOS) meetings. Moreover, the departments have also devised mechanisms for effective implementation and the continuous quality improvement of OBE system in their respective programs. Therefore, from 2019 onwards the departments seeking (re-) accreditation will submit the OBE based SARs.



## Directorate of Information Technology

### BUIITEMS HAINA Academy

BUIITEMS in collaboration with Higher Education Commission and Huawei Technologies has established state of the art Huawei Authorized Information & Network Academy (HAINA). The aim of the academy is to train individuals in real environment using Huawei equipment to acquire high level Huawei Certifications. The Academy will be providing specialization in the following areas of Huawei technologies



- Routing & Switching
- Wireless Local Area Network
- Network Security
- Storage
- Cloud Computing & Virtualization

### Lab Facilities

State of the art established Bluechip lab provides a conducive learning environment for students of the academy with following equipment.

- 20 HP Core i7 Computers with 4GB RAM and 20" LCD Screens
- 2 HP LaserJet Printers
- Sony Projector
- Air conditioners
- Universal Power Supply (UPS)





### Huawei Rack Equipment

Students are taught and certified with hands on training on the following Huawei rack equipment

- Four Huawei Router AR2220
- Two Huawei Switches S3700
- One Huawei Switch 5720



### Training Courses

6-Weeks HCNA (Routing & Switching) training courses are offered every two months. The course is open for students and IT professionals from local businesses and government institutions seeking training and certification. For simplicity, registration is made available online on BUIITEMS website with course details. Two HCNA batches received training in the Year 2018. On completion of course work, students were given vouchers worth \$200 for free to appear in HCNA Certification exam and get certified

	Year 2018	Students Enrolled	Certified
<b>HCNA Batch I</b>	Jul 2 – Aug 10	23	-
<b>HCNA Batch II</b>	Oct 22 – Nov 28	13	9



## 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 expanding, 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 proper funding is required both for Development and Recurring purposes are crucial for its growth, development and imparting of quality education.

Annual Budget for the Financial Year 2017-18 was approved to the tune of Rs. 1,357.651 million, which was revised to Rs.1,328.518 million. The earning/receipt of the University in the year 2016-17 was Rs.194.182 million which increased to Rs.230.845 million during 2017-18. The major contribution in increased revenue is attributed to efficient financial management and enrolment of new students in newly established departments/programs.

Pay & Allowances	Approved Budget	Revised Budget
<b>Total Pay &amp; Allowances</b>	<b>956,551,138</b>	<b>921,350,000</b>
<b>Operational Expenditure</b>		
Purchase of Durable Goods	77,500,000	76,450,000
Purchase of Consumable Goods	30,400,000	34,900,000
Communication	4,500,000	4,300,000
Civil Works-Building & Structure.	9,000,000	6,700,000
Repair & Maintenance	44,100,000	40,700,000
Utilities	49,255,000	49,035,000
Rent, Rate, Taxes & Fee	11,330,000	12,880,000
Training & Research	13,050,000	11,050,000
Other Expenditure on Commodities & Services	161,965,000	171,153,000
<b>Total Operational Expenditure.</b>	<b>401,100,000</b>	<b>407,168,000</b>
<b>Total Revised Budget 2017-18.</b>	<b>1,357,651,138</b>	<b>1,328,518,000</b>



# NIC QUETTA

A PROJECT FUNDED BY  
IGNITE, MoITT

*From innovation to impact and beyond*

## National Incubation Center (NIC)



## National Incubation Center (NIC) Quetta

### History and Background

National Incubation Center (NIC) Quetta is built upon the success of BUIITEMS Business Incubation & Entrepreneurship Center (BBIEC) and its vision is to be the hub of innovation in the region proposing innovative approaches to impact lives and raise living standards.

BBIEC, being the first business incubation center in the Province of Balochistan, achieved many milestones between 2015 and 2018 - graduating 37 startups that went on to create 508 jobs and making sales of over 152 million.



Figure: BBIEC Success Story



## NIC Quetta – A Joint Venture of BUIITEMS, LUMS and Ignite

As a result of a competitive process, Ignite, Ministry of IT and Telecom, awarded NIC Quetta Project to the joint venture of BUIITEMS and LUMS. NIC Quetta is a 5-year project with a financial impact of around PKR 580 million.

A formal contract signing ceremony regarding NIC Quetta was held at Islamabad on February 21, 2018. State Minister for IT and Telecom, Anusha Rahman, Vice Chancellor BUIITEMS, Mr. Ahmed Farooq Bazai, Vice Chancellor LUMS, Dr Sohail Naqvi and Director NIC Quetta, Muhammad Shah Khan attended the ceremony.



## NIC Quetta Facility Development

As soon as the contract was signed, the construction work of NIC Quetta followed. The facility of NIC Quetta has been developed in the Takatu Campus of BUIITEMS covering an area of 20,000 square feet.



## NIC Quetta Inauguration by Honorable Prime Minister of Pakistan Mr. Shahid Khaqan Abbasi

Honorable Prime Minister of Pakistan, Mr. Shahid Khaqan Abbasi inaugurated NIC Quetta at BUIITEMS on May 30, 2018. Federal Minister for IT & Telecom, Mrs. Anusha Rehman and Governor Balochistan, Mr. Muhammad Khan Achakzai were guests of honors. Vice Chancellor BUIITEMS, Mr. Ahmed Farooq Bazai, Vice Chancellor LUMS, Dr. Sohail Naqvi, and all NICs' Directors, representatives from IT sector and other leading organizations from all over Pakistan attended this ceremony.



### About NIC Quetta

#### Mission

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

#### 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

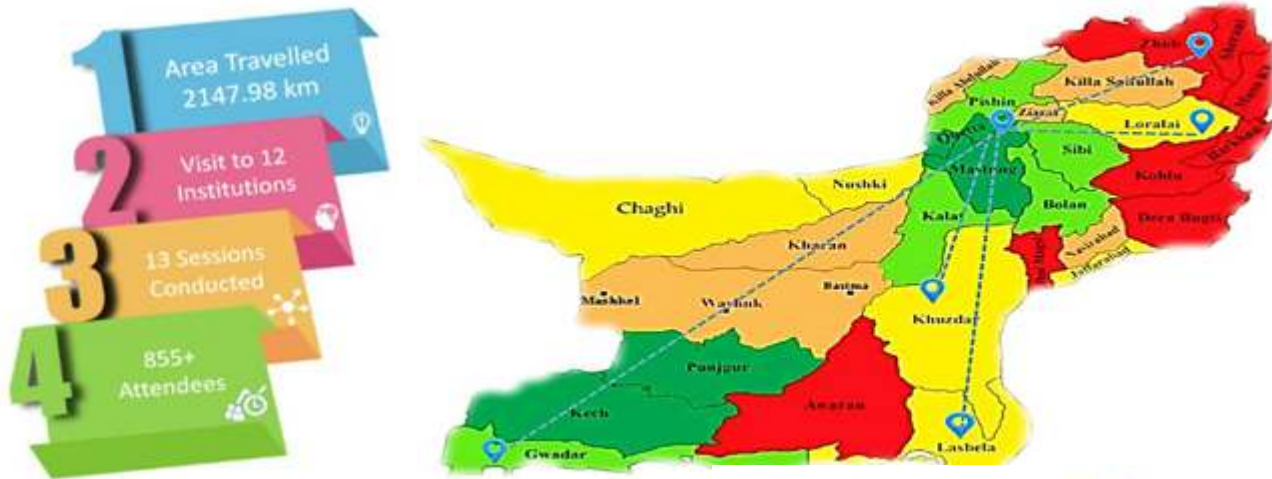
#### Core Values

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



## NIC Quetta Outreach 2018

The NIC team travelled and conducted sessions in all major institutions of the province. A total of 13 outreach sessions were conducted in 12 institutions across Balochistan. The effective outreach campaign attracted 340+ applications from all over Balochistan.



The students and faculty members showed great interest and both, attending and applying in NIC Quetta incubation program 2018.



## Pitch Preparation Session 2018

NIC Quetta conducted Pitch Session with all shortlisted applicants of its first Cohort on November 22, 2018. More than 50 teams attended the session where Director NIC Quetta and NIC team delivered about Dos and Don'ts of pitch for Foundation Council 2018.



## Foundation Council 2018

Foundation Council was held for 2 days, from November 28 to 29, 2018 at NIC Quetta. The purpose of FC was to make final selection for NIC Cohort 1, from all shortlisted ideas.





The panel of experts from LUMS, BUIITEMS and industry judged each team based on their presentations.



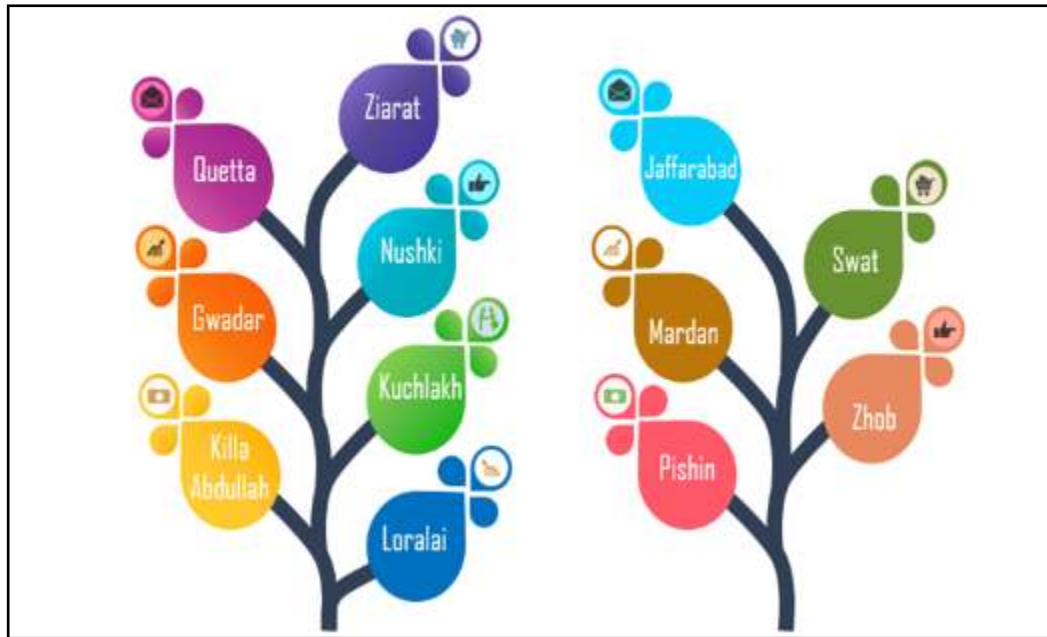
**NIC Quetta Cohort 1**



Following Startups were selected for incubation at NIC Quetta in Cohort 1:

Startup	Description
<b>WECO</b>	Manufacturer of laboratory and Poultry incubators for agricultural products, poultries for hatching birds, chickens etc.
<b>Aisha's Startup</b>	This system is about automated irrigation system which waters the plant and save the excess use of water and electricity
<b>Al-Burraq Enterprises</b>	Exports handmade riding kits for horse riding like boots, horse back helmets etc. to middle east
<b>Amanat's Startup</b>	Transforms desi chicks into desi chickens and then sell desi eggs and meat via online order and home delivery to our targeted customers
<b>Arifa's Big Data Startup</b>	It's a big data analysis tool that not only extracts information from data, but also detects the communities generating information.
<b>BGS (Balochistan Gaming Studio)</b>	First gaming studio in Balochistan of android games where educational games are developed based on customer's mental level
<b>eFlow</b>	Redox-flow battery for residential segment to be used as power storage for solar and/or ups
<b>Faisal 's Startup</b>	Nursery raising entrepreneur establishing glass house and green house plantation of crops/vegetables etc
<b>Gul Technology</b>	A safety helmet that detects multiple gases from mines in real time, keeps track of real time location inside, analyze environment of mines and provides alerts in case of immobilization of miner due to fainting.
<b>Handicrafts Valley</b>	Culture Redefined: Neutral platform for artisans of remote areas & fusion of ethnic and modern fashion.
<b>Artsy</b>	They capture the precious moments of ones' life breaking the mainstream mallet & bringing creativity & new ideas to market.
<b>Linta's Startup</b>	Designing indoor navigation system which enables user to get navigation on their smart phones via app inside the buildings
<b>Monumental Weddings</b>	Providing the wedding videos based on the cinematic techniques with professional sound effects.
<b>MoodSurg</b>	Rapport based virtual reality exposure therapy for the treatment of mental disorders.
<b>Fori Fixer</b>	Providing skilled labor to households, for daily chores and problems through an app service
<b>Ticketlet</b>	Online ticketing for those traveling by road through different companies
<b>Smart Solar Startup</b>	Smart solar system that tracks the sun automatically and rotates the solar panel accordingly.
<b>Voice Robot Startup</b>	Voice controlled robot technology, from which daily tasks can be controlled.
<b>Sun Spark</b>	Working on multilevel sun inverters to convert DC into AC
<b>TechVisor</b>	Micro grid energy solution for commercial residential and industrial purposes
<b>Feed Plus</b>	Quality feed for the cattle, manufactured from the agricultural wastes & products like Apples and Dates.
<b>Dillevery</b>	A regional delivery service that wishes to reduce the gap b/w consumers & every day retail
<b>Triangle</b>	Online mobile e-store with physical poster to order products from anywhere.
<b>Smart Trolley</b>	Smart trolley which can automatically follow the customer smart trolley which can count numbers of items and its cost by itself
<b>Injection Molding Machine</b>	Making a molding press which produces plastic products by using waste plastic material or a regular plastic items
<b>Smart Health Monitoring System</b>	Smart health monitoring system is based on IOT(internet of thing) that monitors patient's health remotely.

The inducted startups represent the following districts:



**Agreement Signing at the NIC Quetta Facility**

NIC Quetta signed Entrepreneurship Development Agreement with all selected 26 startup teams.



**Session by Ignite Pakistan**

Mr. Umer Akram, Deputy Director Projects at Ignite delivered a session on December 3, 2018 on services of Ignite available to NIC Quetta startups.



**Session on UI/UX Design**

NIC Quetta conducted a session on UI/UX design with Dr. Suleman Shahid at NIC Quetta. Dr. Suleman is Director Design (UI/UX), at LUMS and is considered as an authority on design and usability in the country. He explained product and service designs and coached the businesses on enhancing user experience and usability of their products and services.



**Session with Mr. Naveed Iftikhar**

Mr. Naveed Iftikhar visited NIC Quetta on December 5, 2018. He is a public policy adviser and research fellow having interest in public-sector governance, cities, and entrepreneurship, and is serving as assistant professor of economics at NUST, Islamabad.



**Session with CEO Ignite Mr. Yusuf Hussain**

CEO Ignite, Mr. Yusuf Hussain visited NIC Quetta on December 26, 2018 and had an interactive session with startups. Mr. Hussain provided detailed and fruitful insight and feedback to each of the incubated startups. He appreciated the quality of the ideas being selected in NIC Quetta Cohort-I.









# BUIEMS Medical Center



## BUITEMS Medical Center

### Introduction

BUITEMS has strived to provide extensive facilities to its students. The medical center is a step toward that purpose. It 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.

### Performance

#### Total Number of Patients in the year 2018

Campus	Children	Male	Female	Total
Takatu Campus	620	2470	450	3540
City Campus	32	915	230	1177
<b>Total</b>	<b>652</b>	<b>3385</b>	<b>680</b>	<b>4717</b>

### Activities:

The BUITEMS medical center has taken Two hospital on panel for tertiary care of their staff and family. Following is date of referral patient for tertiary care.

General OPD	Gynae OPD	Surgery	Normal Delory	Laboratory	Total
162	112	6	13	45	338

### Medicines:

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





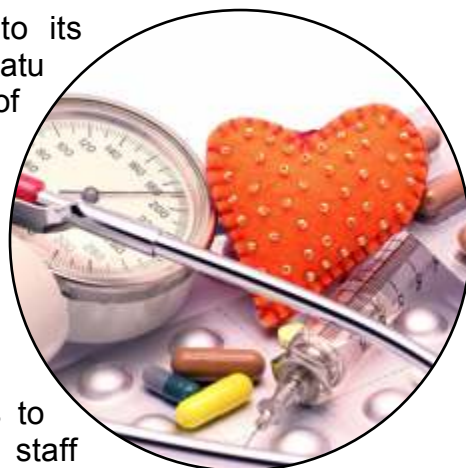
BUIEMS also gives advantage of the medical facilities to its employees and students at the medical center in City and Takatu campus, where Health services and medicine are given free of cost.

**Laboratory Facilities:**

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

**Emergency Services:**

BUIEMS 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.





# **BUITEMS**

## **14th CONVOCATION**





## BUITEMS 14th Convocation

The sun of December 20, 2019 rose to celebrate one of the most awaited days of the year when BUITEMS held its 14th successive convocation at Arfa Karim Randhawa Expo Center, Takatu Campus. Governor Balochistan, Justice Retired Amanullah Khan Yaseenzai honored the gathering as the chief guest of the occasion. Society Notables from all walks of life also joined students and their proud parents to share their big day. The rhythmic sounds of percussion mallets against the drums signaled the commencement of the ceremony. The academic procession entered the hall led by BUITEMS marching band, followed by graduands dressed in their respective academic robes; Doctor of Philosophy in Purple, Masters Blue, Bachelors Red and the recipients of gold medals and badges of honor were adorned in Navy blue.



Followed by the National anthem, the convocation was declared open by the chief guest. The holy tradition of invoking the Almighty through Quranic verses and Naat were carried out by Mr. Faizan student of P&G engineering and Raisa Raisani student BSBA, respectively. As the Masters of the Ceremony, Ms. Shahzadi Laibah Burq and Mr. Umar Ajmal took honor to welcome the guests on behalf of the BUITEMS family. The Vice-Chancellor of BUITEMS Mr. Ahmed Farooq Bazai in his welcome speech acknowledged the efforts the faculty and administrative staff in successfully presenting the nation yet another batch of illuminating graduates. While addressing the youth he emphasized the power of being optimist and confident when entering the practical world of opportunities. He encouraged the students to contribute to bringing our nation forward by choosing to be humane above all. Over all 929 degrees were conferred and awarded to Ph.D., MS, MBA, and BS graduates. A total of 55 students were recognized for achieving academic excellence, 36 were awarded gold medals while 19 received badges of honor.



The Chief Guest in his address applauded the selfless dedications of the teachers and congratulated the graduates for succeeding through the multifarious trials and tests. He vocally stressed the importance of education as the only resolution to our problems. He added that the graduates should utilize all their acquired skills to tackle tactfully with the upcoming challenges. Before the convocation was closed, heads were bowed and hands were raised as Professor Qari Arshad Yameen offered the Dua. Towards the end of the ceremony Graduates of Class of 2018 made the day memorable by tossing their caps into the air.





## 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.



**Mahab Malghani**  
3.67  
Spring-2016  
MS (Mathematics)

**Attiq ur Rehman**  
3.43  
Spring-2014  
MS (Computer Science)



**Hafizullah Khan Kakar**  
3.59  
Spring-2016  
MS (Computer Science)

**Hifza Afzal**  
3.64  
Spring-2017  
MS (Computer Science)



**Nawab Zada**  
3.64  
Spring-2016  
MS (Chemical Engineering)

**Saba Aziz**  
3.51  
Spring-2014  
MS (Management Science)



**Mairman Hameed Kakar**  
3.31  
Spring-2015  
MBA (Banking & Finance)

**Aftab Musa**  
3.62  
Spring-2017  
MBA ( After 4 Year BSBA)



**Asiya Batool**  
3.61  
Fall-2014  
BS (Economics)

**Mehtab Ahmad Khan**  
3.63  
Fall-2014  
BS (Telecommunication Engineering)



**Mehran Ullah**  
3.69  
Fall-2014  
BS (Textile Engineering)

**Hamza Munir**  
3.57  
Fall-2013  
B (Architecture)



**Rozina**  
3.66  
Spring-2014  
BS (Microbiology)

**Syed Khalil Ahmed**  
3.63  
Fall-2014  
BS (English Language & Literature)



## 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.



**Manzoor Hussain**  
3.97  
Spring-2016  
MS (Environmental Management  
& Policy)

**Yousaf Khan**  
3.87  
Spring-2015  
MS (Chemistry)



**Muhammad Jan**  
3.94  
Spring-2016  
MS ( International Relations)

**Syed Owais Athar**  
3.71  
Spring-2014  
MS (Electrical Engineering)



**Waqas Ali Shahid**  
3.70  
Spring-2014  
MS (Information Technology)

**Kulsum Zaheer**  
3.78  
Spring-2016  
MBA (Evening)



**Muhammad Faran Tariq**  
3.86  
Spring-2014  
BS (Civil Engineering)

**Ahmed Daanyal Bazai**  
3.98  
Fall-2014  
BS (Civil Engineering)



**Kashif Liaqat**  
3.92  
Fall-2014  
BS (Mechanical Engineering)

**Zeeshan Ahmad**  
3.91  
Fall-2014  
BS (Geological Engineering)



**Mirza Afnan Baig**  
3.90  
Fall-2014  
BS (Chemical Engineering)

**Raheel Aziz**  
3.86  
Fall-2014  
BS (Mining Engineering)



**Syed Afzal Shah**  
3.75  
Spring-2014  
BS (Petroleum & Gas Engineering)

**Muhammad Faizan**  
3.96  
Fall-2014  
BS (Petroleum & Gas Engineering)



## AWARD OF GOLD MEDALS



**Syeda Yumna Nasir Rizvi**  
3.98  
Fall-2014  
BS (Computer Engineering)



**Rozi Khan**  
3.94  
Fall-2014  
BS (Computer Science)



**Muhammad Haris**  
3.94  
Fall-2014  
BS (Electrical Engineering)



**Muhammad Zakir**  
3.87  
Fall-2014  
BS (Electronic Engineering)



**Saniya Ashraf**  
3.83  
Fall-2014  
BS (Software Engineering)



**Sania Hassan**  
3.77  
Fall-2014  
BS (Information Technology)



**Hafiza Bakhtawar Yousaf**  
3.95  
Fall-2014  
BS (Microbiology)



**Rida Faisal**  
3.92  
Fall-2014  
BS (Environmental Science)



**Hadiqa Yaqoob**  
3.87  
Spring-2014  
BS (Biotechnology & Informatics)



**Nabeel Ali Hamid**  
3.96  
Fall-2014  
BS (Biotechnology & Informatics)



**Shukria**  
3.90  
Fall-2014  
B (Fine Arts)



**Rabia Riaz**  
3.86  
Fall-2014  
BS (Mass Communication)



## AWARD OF GOLD MEDALS



**Mubashir Rahim**

3.83

Spring-2014

BS (English Language & Literature)

**Sadia Naeem**

3.82

Fall-2014

BS (Mathematics)



**Abdul Rehman**

3.80

Fall-2014

BS (International Relations)

**Amir Farooq**

3.70

Fall-2014

BS (Physics)



**Aiman Qasim**

3.72

Spring-2014

BS Economics

**Soha Farooq**

3.86

Fall-2014

BS (Business Administration)



Education







# Infrastructure Development



## Projects in Progress

Development of Infrastructure BUIITEMS has been a key focus area in order to provide better and modern learning environment to the students and faculty members of BUIITEMS.

In order to strengthen the infrastructure at BUIITEMS several new development works will also be started this year some facilities are near completion and will be functional from this year.



### A. Completed Projects

- **CPEC Center of Excellence**

Construction of CPEC center of excellence at Balochistan university of Information Technology, Engineering & Management Sciences at an area of 19,500 sq.ft has been completed.

It has facilities:

- Auditorium
- 02 lecture halls
- Laboratory
- Multipurpose Hall
- 08 Offices
- 01 Library



- **Central Library**

Central library at an area of 41,600 sq.ft has been completed. The central library will be modern facility that will facilitate the students and faculty of BUIITEMS to have an access to most demanded books and journals.

- **Visiting Faculty Hostel**



Teachers from renowned institutes are invited for academic operations of the University. Construction of a visiting faculty hostel at an area of 22,080 sq.ft has been completed.



- **International Students Hostel**

Students come from all districts of Balochistan and all provinces of Pakistan and some are International students, BUIITEMS does not have sufficient space to accommodate these students. In campus, an international student hostel is being constructed at an area of 22,080, sq.ft has been completed.

## **B. New works in Progress:**

- **Construction of Academic Block**

Academic Building on an area of 150,000 sqft will be constructed at its Takatu Campus, which would cater for the needs of the University for the coming five years as narrated above. The proposed Block would not only meet the academic and administrative needs of the University by accommodating more than 5000 students and staff, but it will also add to its infrastructure development plans

- **Construction of Residential Colony**

Housing facility will allow on-campus accommodation to 84 teachers and staff members, and will attract highly educated faculty from all over the country and abroad to serve BUIITEMS. The arrangement of their accommodation elsewhere in the city, which is already congested, is becoming very difficult with passage of time and increasing population



- Main Reception Block (4380 Sft)
- Football Pavilion (7300 Sft)
- Main Academic Building
- Cafeteria
- Masjid
- Housing Facility

- **Other Amenities**

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



- **Construction of DNA testing Lab at BUITEMS**

Construction of first DNA testing lab of its kind in Balochistan will be started in this year at Balochistan university of Information Technology , Engineering & Management Sciences.

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

Initially the Zhob Campus of BUITEMS has been established in the building of school provided by District Administration Zhob. Classes in the campus will be started from Spring 2018 session.

- **Permanent Campus of Zhob University College Zhob, BUITEMS.**

BUITEMS has acquired 100 acres land for establishment of permanent campus of BUITEMS at Zhob. The permanent campus of BUITEMS at Zhob will have following facilities:

- **Academic Block**

An area of 43,929 sq.ft is proposed to be constructed as main academic building to house around 1000 projected students in 5 years' time.

- **Administration Block**

The Administration Block with an area of 7,668 sq.ft will accommodate the administration block.

- **Faculty Hostel**

Faculty hostel is proposed to be constructed for faculty members who will join the campus.

- **Students Hostel**

Two Student hostels are proposed in the project to provide separate in campus accommodation facility to the girls and boys coming from other districts to the Zhob campus, availability of in campus accommodation facility will provide easy accessibility to the facilities for 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 proposed for the campus which will be used for outdoor sports events enabling students to participate in extracurricular activities.

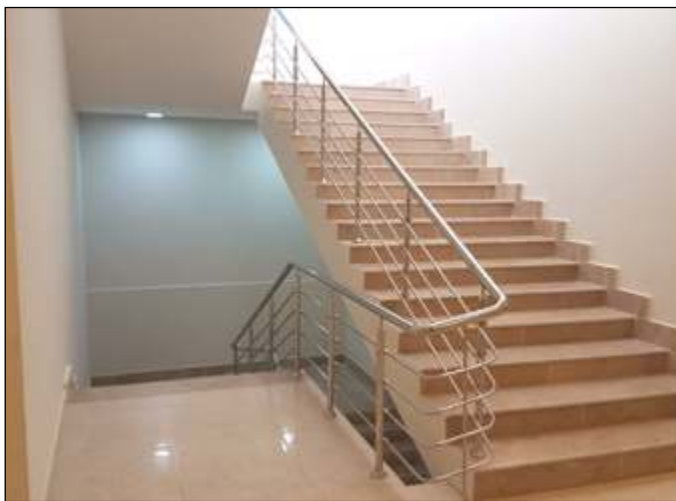
### **Campus Security**

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 in different locations of the campuses. Hydraulic Barrier system along with scanners, walk through gates and surveillance cameras are proposed to be installed at campuses.

### **Masjid**

At the proposed campus a masjid will be constructed which will be in use for the campus and residential area as well.





### **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**

Modern and research oriented lab equipment will be provided to the students which is proposed in the PCI.





# **BUIITEMS**

## **BUILDING COMMUNITIES**



## SMEDA Help Desk

Small and Medium Enterprises Development authority SMEDA arranged a Help Desk at BUIITEMS city campus on April 10, 2018. The moto was to Promote Entrepreneurship among the students. Mr. Ajmal Khan, Management Associate at SMEDA Quetta and an alumnus of BUIITEMS, managed the help desk. Students enthusiastically participated in the activity and discussed their novel ideas. SMEDA representative briefed the students about how the enterprise helps graduates to start a new venture based on unique business proposals. At the end pamphlets were distributed among the students with the detailed description of assistances for SME development through programs, projects and facilitation of business development services to SMEs.



## Lecture on “The Status of Mineral Industry of Pakistan, Challenges and Opportunities”

On April 20, 2018 The Department of Mining Engineering had arranged a Lecture regarding “The status of Mineral Industry of Pakistan, Challenges and Opportunities”. The Speaker of the Lecture was Dr. Zaka Emad, Assistant Professor University of Engineering and Technology (UET) Lahore. He highlighted all the challenges of Mineral Industry and also talked about the opportunities in the said field. He motivated the participants to pursue their efforts and avail themselves for the future opportunities.



He also spoke about the scope of Mining Engineering and motivated all the students about the prospects of Mining Engineering. The Lecture was attended by all the faculty members and students of the Department. At the end, Chairman Engr. Zaheer Ahmad Kasi paid special thanks to Dr. Zaka, and also thanked the senior faculty members Prof. Dr. Muhammad Ali Shah, Prof. Dr. Abid Hussain, Dr. Saqib Siddiqui for their positive efforts.

### 9th BUTEMS Book Fair 2018

The 9th BUTEMS book fair was held on May 7- 9, 2018 at Sir Syed block. A renowned journalist Amjed Islam Amjed was the chief guest of the opening ceremony. The worthy Vice Chancellor of BUTEMS Ahmed Farooq Bazai (SI) visited the book stalls along with guests. Famous book sellers from all over the country including ABSCO Islamabad, Global link Karachi, Book Ocean Islamabad, Iqra Book Agency Lahore, Royal Book Company Karachi, F.M Books International Karachi, Australian Book Company Rawalpindi, Garoshq Quetta, New College Publication Quetta exhibited their stalls. Thousands of books on various subjects were available in the book fair including those mentioned in the following table.

S/No	Subjects	S/No	Subjects
1	Mining Engineering	22	Financial Management
2	Chemical Engineering	23	Business Communication
3	Textile Engineering	24	Consumer Behavior
4	Civil Engineering	25	Organizational Behavior
5	Petroleum & Gas Engineering	26	Accounting
6	Geological Engineering	27	Economics
7	Architecture	28	Statistics
8	Mechanical Engineering	29	Mathematics
9	Electrical Engineering	30	Social Sciences
10	Electronics	31	Psychology
11	Telecommunication Engineering	32	Sociology
12	Computer Engineering	33	International Relations
13	Software Engineering	34	Physics
14	Computer Science	35	English Language
15	Information Technology	36	English Literature
16	Biotechnology	37	Islamic studies
17	Life Sciences	38	Pak-Studies
18	Environmental Sciences	39	Fine Arts
19	Education	40	Research Methodology
20	Marketing Management	41	General knowledge & History
21	Management Science	42	Children`s collection



The honourable acting governor Balochistan/Speaker Raheela Hameed khan Durrani, Deans, Chairman, Faculty member, scholars, Journalists, poets, students, visited the book fair.



## Meeting of Chairperson (TIBM) with Scholarship holders

BUIITEMS Financial Aid Office arranged a meeting session of Chairperson TIBM (Tanzeem Idara Bahali Mustaqeem) Mrs. Surriya Allahdin with Scholarship holders on 24th April, 2018. Mrs. Surriya Allahdin individually met the scholarship holders and discuss their needs and other problems faced by them during their study program. By the recommendation from the meeting TIBM increased the book allowance of the scholarship holders and also provide other basic necessities needed by the students by the donation of Dr. Sara Warraich from UK.



## International Fine Arts Festival Monastir Tunisia



International Fine Art festival was held on June 19-29, 2018 at Monastir Tunisia. The Art festival was organized by International Fine Arts association Monastir /Tunisia. Many artists participated in the event from all over the world. The mayor Monastir Tunisia was the chief guest of the opening ceremony. From BUIITEMS Mr.Haleem Bareach Associate Professor Fine Arts participated in the event. Mr. Haleem and all international artists presented their paintings in festival. All artists exhibited their art work at Monastir museum of Fine Arts. The international artists and art lovers from the different organizations were

present on the occasion. The president of the Fine Arts Association of Monastir is Mohamed Fethi Baoueb and the director of the festival and founder of association NEJIB ROKBANI was the chief guest of the exhibition. At the end the chief guest presented the certificates, medals and awards.

## Begum Syeda Mubarak Scholarship Program

BUIITEMS Financial Aid office organized a scholarship interview session on skype on July 9th, 2018 in UAFA meeting room. The session was chaired by Mr. Sahil Zaheer from Babar Ali Foundation along with Buitems Financial Aid Officials. The students interviewed were selected on need and merit basis. Fourteen most deserving students were selected for the award of scholarship sfor full program.



## Undergraduate Research Colloquium

Undergraduate Research Colloquium (URC 2018) arranged by Faculty of Information and Communication Technology with the collaboration of **IEEE Student Branch BUIITEMS** on **July 12, 2018** from **10am-4pm** at **Expo Center, BUIITEMS** which was sponsored by **USEFP**. URC is the platform where last year students are encouraged to present their final year projects. In URC, Students show their talent, skills and the passion towards their fields in front of guests. Students from FICT, which include different departments Computer Science, Software Engineering, Computer Engineering, Electrical Engineering, Electronics Engineering etc. participated in URC and showcased projects along with posters. URC 2018 was inaugurated by information minister Baluchistan, Malik Khurram Shehzad and the event was honored by leads from academia and industry. The experts evaluated all the projects and students discussed their projects with them. Vice Chancellor, Dean, senior teachers and students also visited URC, expo center. The event ended with the distribution of cash prize among the winners of the URC and certificates to the participants.

## No comparison of BUIITEMS

No comparison of BUIITEMS”, this is repeatedly quoted by the two associate professors and media experts; Dr. Bakht Rawan from Allama Iqbal Open University, Islamabad and Dr. Shabbir Hussain from International Islamic University, Islamabad. Dr. Bakht Rawan and Dr. Shabbir Hussain Both have post-doctorates on peace journalism from the UK and Australia respectively. Assistant Professor Tariq Mehmood invited the scholars to a visit of BUIITEMS on 13th August 2018. While interacting with faculty and students of mass communication, they praised the state of the art buildings and appealing environment. They briefly discussed their purpose of visiting Quetta City and the millions of rupees funded a research project on peace journalism. The faculty exchanged their views on the current challenges of peacemaking faced by the journalists in Pakistan. The moment while saying goodbye to the guests, it was mentioned again that there is, no comparison of BUIITEMS.



## Balochistan Climate Change Awareness Festival Radio Roadshow



A radio roadshow regarding climate change was held by Islamic Relief (IR) in collaboration with the Department of Environmental Sciences BUIITEMS on 13th of August 2018 at Sir Syed Block, BUIITEMS. The aim of the radio roadshow was to get the views of the students regarding climate change and its impact on the social and economic health of the country through a Q&A session. This radio roadshow was part of Balochistan Climate Change Festival that began on the 6th of August 2018. The event comprised of different activities in which students of environmental sciences also participated. A TV talk show on PTV Bolan was also part of this

festival, where students Mr. Zakir BS Environmental Sciences 5th semester & Mr. Nafay BS Environmental Sciences 8th participated. The show was also about climate change and its impacts on human health and country's economy.

## Orientation Session Fall 2018 (Department of International Relations)

The Department of International Relations BUIITEMS arranged an orientation session for the new students at Orange Hall Sir Syed block on October 2, 2018. The session was moderated by Mr. Matiullah Tareen followed by Tilwat and



a welcome note from Mr. Abdul Wadood, chairperson of the department. The students were briefed about the semester system including exams and assignments pattern, scholarships, extracurricular activities and the norms of BUIITEMS. There was a Q&A session with the students and afterward were



taken on a visit to the library, canteen and other facilities of the University.



### Orientation Session Fall 2018 (Department of English)

The Department of English conducted an Orientation session for the freshman batch on October 3, 2018, in Green Seminar hall, with an aim to introduce the new incoming students to BUIITEMS and its campus life. Ms. Laibah Durrani facilitated this one-day session and familiarized the students with a dynamic range of academic, leadership and intellectual opportunities available at BUIITEMS. Students actively participated in icebreaker activities which helped them interact with each other and make new friends. The



Chairperson in her address reiterated the need for maintaining discipline and insisted upon making the best of their academic career. Ms. Laibah along with senior volunteers of the department took students around the campus after the session and introduced them to the departments, laboratories and other resources accessible to them.

### Orientation Session Fall 2018 (Department of Mathematics)

The Department of Mathematical Sciences conducted an orientation session for their new students on October 3rd in Pink hall. It was organized by Chairperson of Mathematical Sciences, Dr. Muhammad Zubair and hosted by Mr. Tariq Khattak, Department of Mass Communication and Ms. Zamzam Qazi, Department of Mathematical Sciences.

Ms. Zamzam explained the University's grading policy, courses, academic and disciplinary rules. Mr. Tariq Khattak shared the aims and vision of BUIITEMS. The session concluded with cordial greetings to students by Dr. Muhammad Zubair.



## Orientation Session Fall 2018 (Department of Education)

An Orientation session was organized for the new students of BS Education, Sociology and Psychology on October 4, 2018, at Green Hall. Miss Palwasha Tasreen hosted the session, where guidance was provided regarding BUIITEMS's rules and regulations, scholarships and the scope of their respective study programs.



## BUIITEMS Olympiad Cultural Show

A nation's culture resides in the hearts and in the soul of its people. BUIITEMS Olympiad like every year celebrated its cultural show on October 22, 2018. The cultural show was held at the expo center all the faculties were assigned with one or two cultures to perform and represent that culture. The chief guest was

Mr. Farooq Bazai VC BUIITEMS. The judges for the competition were

Mr. Ayaz Mahmood, Prof. Mansoor Rehman, and Mr. Amanullah Nasar. The first performance was by FABS

who represented Punjabi culture. Afterward, there was a performance by Musical band Arsh. Later on, the faculty performed

was FOE (faculty of engineering and architecture) they illustrated the Gilgit culture. FMS (faculty of management sciences) portrayed Sindhi and Hazargi culture. Mr. Abdullah Buzdar entertained the audience with his poetry. Faculty of life sciences and informatics (FLSI)

depicted Balochi culture, faculty of information and communication Technology (FICT) represented Pashtoon culture.

Audience cherished all the performances with applaude. With the decision of the jury, all the faculties participated were declared as first. VC Khuzdar University Dr, Ehsaan Kakar also attended the ceremony.







## Work & Study and Fee Concession Interviews

Financial Aid Office announced Work & Study and Fee Concession Scholarship program for session Fall 2018 and Spring 2019 on July 31st, 2018. In total, one thousand three hundred and thirty-nine (1339) applications were received by the FAO from all the faculties collectively. The interviews were conducted by BUIITEMS Scholarship Award Committee (SAC) from October 29, 2018, to November 02, 2018 in the meeting room of Directorate of UAFA. The SAC recommended 1003 students for fee concession and 196 students for Work & Study program.



## Microenterprise Expo 2018

International Center for Refugee and Migration Studies (ICRMS), in collaboration with National Incubation Center (NIC) Quetta, conducted Microenterprise Expo on October 30, 2018, at Arfa Karim Randhawa Expo Center BUIITEMS. Worthy Vice Chancellor BUIITEMS, Mr. Ahmed Farooq Bazai, inaugurated the event.

The objective of this expo was to identify the potential microbusinesses in different areas of Quetta and surrounding districts. More than 100 microbusinesses were shortlisted for showcasing their businesses at the event. The event was also a treasured networking opportunity where successful entrepreneurs, representatives from Chamber of Commerce, local investors and venture capital firms from across the country would attend the events and would serve as judges and mentors for the potential startups.

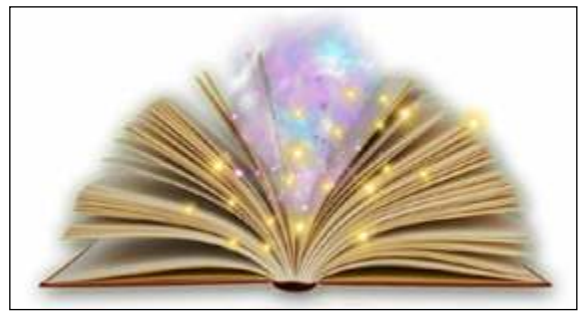


## Kahani Se Kitab Tak Program by the Department of English



A visit to Al-Hadid Cantt School was successfully facilitated by the Department of English on November 29, 2018, under the Kahani Se Kitab Tak Program where Musharaf Ali Farooqi conducted two sessions of his signature storytelling session with the kids of different age groups instigating priceless reactions in children. He also introduced the story kits to the children and the response from the children was fabulous.

Musharraf Ali Farooqi is an author, storyteller, and folklorist, and the editor of the Urdu Thesaurus. He was a Harvard University South Asia Institute Fellow where he worked on his Kahani Se Kitab Tak Program to introduce Urdu classical literature to children through a graduated reading program.



Farooqi is the author of critically acclaimed novels and is currently working on a history of the Islamic occult commissioned by the Harvard University Press. Later that day the guest also visited Art Galleries at BUIITEMS appreciating the dynamic work of fine arts students and discussed prospects of future projects in a meeting with the Vice Chancellor.

### Afghan Teachers Professional Development Program 2018

International Center for Refugee and Migration Studies (ICRMS), BUIITEMS in strategic collaboration with UNHCR organized a 3-month training program on December 22-24, 2018 for Afghan refugee teachers at BUIITEMS, Quetta. The aim of this training program was to support and enhance the professional development of Afghan teachers. The participants of this training comprised of 61 Afghan teachers, who are teaching at various refugee camps of the province of Balochistan, Pakistan. The training involved interactive and in-depth sessions, and a comprehensive curriculum comprising of the following themes was followed; Methods and strategies of teaching and learning based on lectures, discussions, presentations, role-playing, situational analyses and examination of various concepts of teaching and learning, microteaching, understanding and awareness of vulnerability to physical, mental and social health problems, immediate treatment and care to an individual suffering from an injury or illness, important aspects of internet and information technology, basic concepts of entrepreneurship, and to create wealth and capital from their entrepreneurial ventures, and become a source of serving the society.



## ICRMS Lecture Series

ICRMS in collaboration with UNHCR conducted lecture series concerning refugees and migration to gain an insight, understand and discuss various dimensions of migration on different levels (local, national and international).

The renowned speakers who delivered the lectures were Prof. Dr. Tughral Yamin, Director of Centre for International Peace & Stability (CIPS), National University Of Sciences & Technology (NUST) Islamabad, Mr. Farhan Hanif Siddiqi, Associate Professor in the School of Politics and International Relations at the Quaid-i-Azam University, Islamabad, Mr. Rafiullah Kakar, Graduate of The University of Oxford, UK, Policy Researcher, International Development Professional and Peace Activist Specializing in Social Development, and Mr. Hammal Aslam, Assistant Professor of International Relations at BUIITEMS.



The attendees of these lectures were UNHCR Representatives, NGO Heads, Faculty Members, Students of Sociology and International Relations Departments, etc. The aim of this lecture series was to broaden the understanding of various aspects of migration and refugees and help the audience understand different areas pertaining to refugees and migration.





# Ceremonies



## Women’s 10 Day Coding Boot Camp

A 10 day coding boot camp was organized by herDomain, for the senior female students of Balochistan at Takatu Campus BUIITEMS, from March 19-30, 2018. The co-founder of herDomain Ms. Quratul-Ann Malik visited BUIITEMS last September where she conducted a session on Women Empowerment, discussing machine learning, neural network for digit recognition, social media analytics and internship opportunities at herDomain. The participants were female faculty and students. HerDomain is a nonprofit organization with the objective of providing tech training to low and middle income women in order to increase their social and economic mobility. They recently carried out similar coding boot camps at Islamabad and Sargodha.



Herdomain selected 13 senior students, all from BUIITEMS. The instructor, Ms. Ummarrah Ashraf who herself attended the organization’s first boot camp in 2017, while supporting her and the participants at the back end was Ms. Rimsha Malik and Ms. Shehbano Bibi. The objective was to develop the coding skills of the participants and the best achievers would be offered paid internships and placements with clients in Pakistan and abroad. The agenda for the camp was as follows:

<b>Week 1: Meet Chatbot, Your First AI!</b>	<b>Week 2: Answer questions about the world using existing AI APIs</b>
Day1: FriendlyBot	Day1: Nice or Mean?
Day2: SmartBot	Day 2: Happy or Sad
Day3: MathBot	Day3: Does the picture make me look angry
Day4: QuizBot	Day4: Coding
Day5: QuoteBot	Day5: Coding

During the boot camp the participants also delivered presentations on Women in Technology and Ms. Quratul-Ann was present via Skype. She had one to one sessions with the participants regarding their interests and career aspirations. The boot camp ended on 30th March 2018 with a final session and closing ceremony. Prof. Dr. M.A.K. Malghani was the chief guest and was joined with chairpersons and faculty members from Faculty of Information Communication & Technology. After recitation Ms. Ummarrah briefly introduced herDomain and the objectives of the boot camp. A few of the students shared their thoughts regarding the camp and expressed how this was the first opportunity in working in such an environment and more workshops should be arranged for girls to increase their exposure and polish their talents. Prof. Dr. Malghani appreciated the efforts of everyone at herDomain and encouraged the girls that they have the skills and to continue to work hard in the tech sector. In the end Ms. Ummarrah thanked the University administration and Ms. Khalida Durrani, Assistant Professor Faculty of Management Sciences, for managing the boot camp. The closing ended with distribution of certificates and group photographs.



## Oath Taking Ceremony of Newly Appointed Faculty Members

A simple yet prestigious oath taking ceremony of newly appointed faculty members was held at orange hall BUIITEMS. Vice chancellor BUIITEMS, Ahmed Farooq Bazai, was the chief guest of the occasion. Deans of different faculties, Chairpersons of various departments and university administration officials were also present at the event. The Vice chancellor took oath from the newly appointed faculty members and welcomed the new members to the BUIITEMS family. In his address he emphasized that the newly appointed faculty members must strive hard to enhance the performance of the institute. He highlighted achievements of BUIITEMS in the past fifteen years. He pointed out the efforts of BUIITEMS family and what needs to be done in future in order to serve the nation in line with the vision and mission of the university. He also praised teachers as role models for the society and that they must adopt modern techniques in order to bring a positive social change in the society.



He further added that in near future a National Incubation Center will be established in Takatu campus which will provide opportunities for the youth to generate self-sufficient income. In 2019, BUIITEMS will design its next five year course of action that will be goal oriented. He also said that there is no room for discrimination in the university. Later on fatiha prayers were also offered for the departed soul of Vice Chancellor's father. Newly appointed faculty members also shared their experience regarding the training program. The participants appreciated the efforts of university administration towards nation building and pledged to strive hard for prosperity of university as well as the society. Later on the new faculty members presented souvenirs to the Vice Chancellor and organizers of four weeks professional training program as a goodwill gesture.

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## Welcome and Farewell Party (Department of Mining Engineering)



The Mining Engineering Department students and faculty organized a Farewell and Welcome party for the students of 8th and 2<sup>nd</sup> semester respectively on April 25, 2018. The party was supervised by Engr. Sami Kakar and Engr. Abbas Hussain. The event began with recitation of Holy Quran followed by a warm welcome speech by the student of 6th semester, Mir Jalal khan. The party included dramas, mimicry, cultural show, Cultural atan and Qawali.

The Vice Chancellor, Ahmad Farooq Bazai was the Chief Guest of the occasion. In similar vein, the event went with marked distinction as it was characterized by Rifle shooting among the students.

In the end the Vice Chancellor was presented with a shield by Dean (FOE), Dr. Kamran Sami and Chairman Zaheer Ahmad Kasi, who subsequently also received shields by respected VC. The Vice chancellor applauded the students' performance. The students were later welcomed and motivated with best wishes by Zaheer Ahmad Kasi and Prof. Dr. Muhammad Ali Shah. The event was concluded by Chairman, Zaheer Ahmad Kasi who appreciated the students for organizing the party. He also thanked the VC, Ahmed Farooq Bazai, and other faculty members.

## Welcome and Farewell Party (Department of Software Engineering)



The Department of Software Engineering organized a Welcome and Farewell party for newly admitted and final year students on May 03, 2018 at Expo Centre BUIITEMS. Organizers of the party arranged different entertaining sessions for the students including games, dramas, musical session and traditional performances. Chairpersons, faculty members and Dean, FICT Dr. Faisal Khan attended the party. At the end of the party, Dean FICT and Chairperson Dr. Bushra Naeem addressed the students and extended best wishes to the final year students for their future endeavours. Party

ended with the lunch and distribution of prizes for the performers.

## Welcome and Farewell Party (Department of Telecommunication Engineering)

A welcome and farewell party for students of Fall-2017 and Fall-2014 batches of department of Telecommunication Engineering was organized by students and faculty members of department on July-5, 2018 in Arfa Kareem Expo centre BUIITEMS Takatu Campus. The event was hosted by Kainat Sohail and Hamza Ahmed (students of batch Fall-2017). The session was started with the recitation of a few verses from the Holy Quran by Sibghat ullah (student of batch Fall-2016). The event was then followed by the interaction of the respected



chairperson, Dr. Faizullah Khan, in which he welcomed the new comers and congratulated the graduating students for completing their BS degree and to be starting their professional career. The event also included some party games, along with a drama skit, mimicry and some powerful singing performances. The worthy teachers and the talented students were awarded with some memorable titles. The event was concluded by a cultural performance by the students.

## Annual Farewell Party (Department of Economics)



Department of Economics, BUIITEMS arranged an annual farewell party for the students of BS (Economics) 8th semester on 6, July 2018. The party was organized by Muhammad Baqir, lecturer, Department of Economics for students of BS (Economics) 7th & 8th semester exclusively at Balana Restaurant, Baleli. The event started with the recitation of Holy Quran after which a warm welcome was given by Mr. Jamshed. Students organized different activities including singing, mimicry, and poetry. All the teachers shared their valuable thoughts and encouraged the students for

their future endeavors. In the end, souvenir as a token of appreciation was given to the students by Mr. Muhammad Jawad Khan, Chairperson Department of Economics.



## Welcome Party

On July 11, 2018, the Chemistry department arranged a welcome party in the Expo Centre, BUIITEMS. The event was arranged to welcome the new batch of 2018 BS Students.

The event began with the recitation of the Holy Quran. Students Najamus Sahar and Hamza Majeed hosted the event which comprised of a series of heart-warming segments. The most exciting segment was the general knowledge quiz round of the faculty members. The remaining segments saw the lively and enjoyable interaction between seniors and the freshmen. The party ended with wonderful refreshments and photographs.



## Welcome and Farewell Party (BUIITEMS Student Affairs)

Buitems student affairs conducted a welcome party on August 8, 2018 for newly selected members and a farewell party for the pass out members of student affairs. The party was also about congratulating ma'am Breshna for becoming the assistant director of student affairs and Samana Batool for becoming the president of the general body.

In the party student affairs music club and dramatic club performed to entertain the guests with their singing, drama and other performances. From music club Rohan Qazi and Khadim Ali sang with their beautiful voices and entertained the guests.

And from dramatic club Nouman and Kumail prepared a funny drama and made the guests enjoy the party. Arts council and event management did all the arrangements of the party, music club arranged the music and media club covered the party in pictures and videos. After the entertainment part, seniors were called for a farewell speech and share their experiences of student affairs. The senior guests were Saleh, Zubair, Sulaiman, Saeed, Tanzeela, Seher and Dervaish. After the students shared their experiences as being a part of the student affairs, Mr. Sameen and Ms. Breshna came and gave the speech, welcomed the new members and said goodbye to the senior members. After the speeches lunch was given from Mr. Sameen and student affairs staff which was arranged by the help of event management club.



## 16th Anniversary of BUITEMS & the Teachers Day



BUITEMS celebrated its 16th Anniversary on the World Teachers Day, October 5, 2018.

The Vice-Chancellor conveyed his sincere congratulations on these important occasions to all faculty, staff, and students. During the past sixteen years, the University has achieved a prestigious place among the leading institutions of higher learning in Pakistan through the hard work and selfless devotion of its faculty, administrative employees, students, and stakeholders.

October 5th is a day the world commemorates and celebrates teachers. Teachers give light to students and shape their lives by imparting not only knowledge but also wisdom. As the wick in oil lamp, teachers sacrifice themselves to brighten the lives of the students. The Vice Chancellor appreciated all teachers for their hard work, dedication, and commitment - highlighting the fact that the patience and devotion of our teachers are worth celebrating every day, not just one day in a year.

The celebration of our anniversary and the World Teachers' Day together is a significant occasion for BUITEMS, as our journey towards attaining international recognition is gaining pace. The University's persistent efforts to create a stimulating educational environment for its students have resulted in significant achievements.

On this occasion, we affirm BUITEMS ongoing commitment to providing quality education programmes with even greater zeal and enthusiasm.



## BUITEMS 5th Olympiad, Opening Ceremony

The opening ceremony of BUITEMS 5<sup>th</sup> Olympiad was held on 15 October 2018 at the football ground. The Vice-Chancellor BUITEMS was the chief guest. Administration staff and all faculty members were present. This year BUITEMS hosted five faculties and University college of Zhob. The ceremony started with the Qirah. Shahzaib Rind announced the strength of athletes participating in sports. Male football participants were 448 including 160 participants from administration staff and faculty members. In cricket, 96 student and 120 cricketers from administration staff and faculty members participated.



While in volleyball the strength of student-athletes were 260 along with 240 athletes from administration staff and faculty members.

217 male student-athletes, 150 female student-athletes and 100 from administration staff and faculty members participated in the tug-of-war. In badminton, 20 teams and 60 participants in the male category participated, 23 teams and 96 participants in the female category along with 15 teams and 30 participants from administration staff and faculty members. The total number of male students participated in BUIITEMS 5th Olympiad was 1780, 407 female students participated along with 308 participants from administration staff and faculty members. All together there were 2577 participants



## BUIITEMS Olympiad, Closing Ceremony

The curtain came down of the BUIITEMS Sports Olympiad with a spectacular closing ceremony on October 24, 2018. The Olympiad is conducted every year for the purpose of creating an atmosphere for the students where they get an opportunity to show their talent and as well as get entertained. This is a good platform for the students, where they are appreciated by the university by participating in different activities. These activities include Sports, Essay, Declamation, Bait Bazi, Singing, Theatre, Naat, Qirat and Cultural competitions.



The closing ceremony started with the national anthem of Pakistan and holy verses of Quran which were recited by Muhammad Faizan who was the winner of the Qirat Competition.

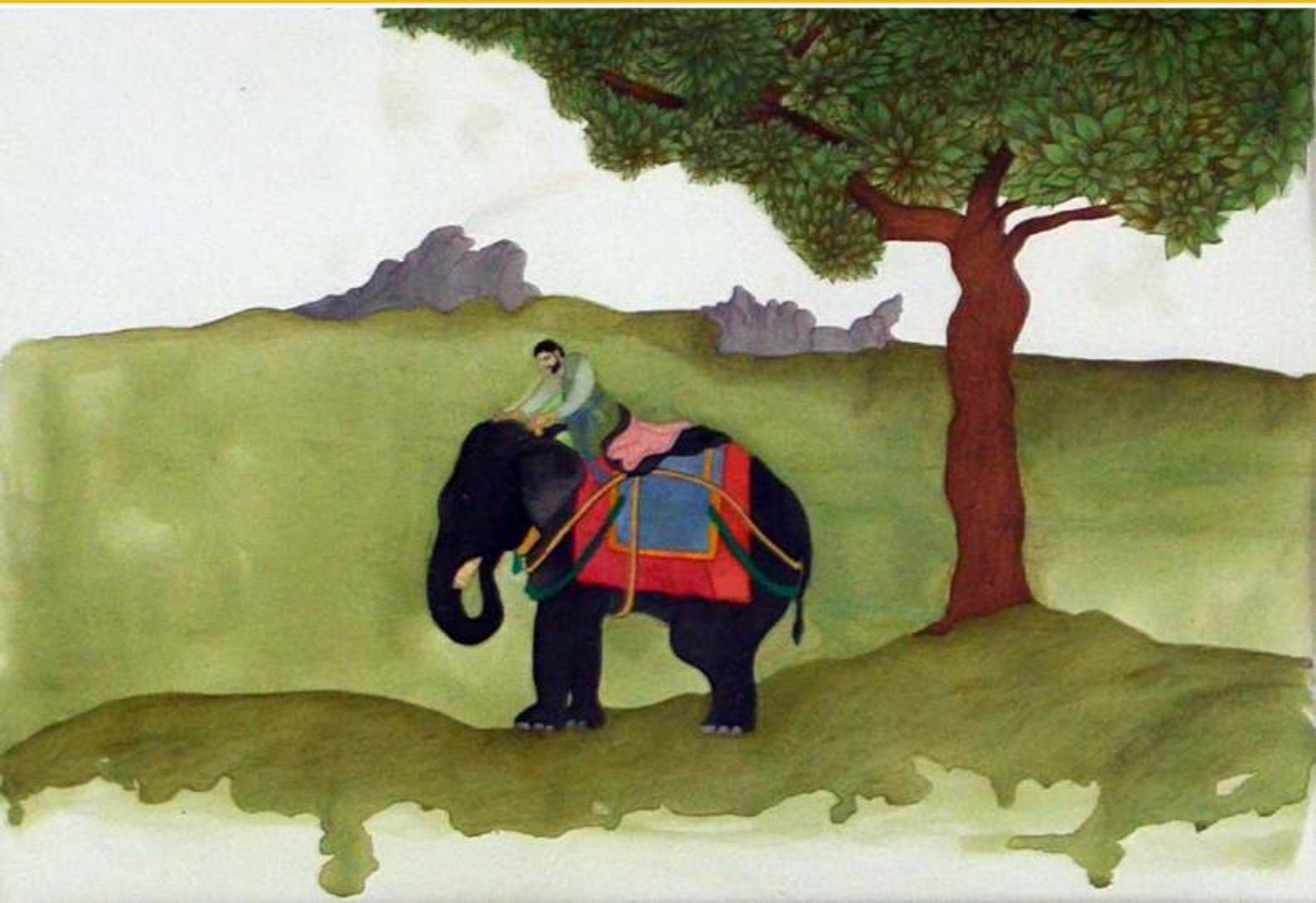


Athletes who participated in the Sports Olympiad were awarded by the bikes, watches, mobiles, bicycles and the beautiful trophies that were arranged by the sponsors. These sponsors played a huge role to present great gifts to the position holders to appreciate their talent. The sponsors were Al hamd Pakwan, Asim enterprises, Kainat Traders, N.K and company, Shah photostats, Abdul Hai and company, Road stoves, National business, Hot and Chilli, Toyota Zarghoon, Vital Security Company. Aside from the prize distribution, there were a number of great performances in the closing ceremony to entertain the audience including the funny speech, music by the band Arsh, hip hop dance by Mujib, Balochi Chap by the student of BUIITEMS. The end of the ceremony included the speech of the Vice Chancellor Ahmed Farooq Bazai who congratulated the winners and the students who worked hard for the Olympiad. He also thanked the coordinators who helped in making this Olympiad successful. FABS was announced as the winner faculty of the Olympiad because the students of FABS got the most positions in the activities. The closing ceremony ended with the local dances of Pashto Attan and Balochi Chap.





# Exhibitions



## Exhibition on Entrepreneurial ideas by SE6th

During the course of Entrepreneurship & Leadership, an exhibition was held on presentation of ideas for small businesses by software engineering 6th students on 6th of July 2018. About 30 business ideas were displayed outside the FICT corridors. Business ideas included e-shopping, other e- businesses, cycle ranting, food item, games including board games and counter strike, FIFA cup competition and others.

The exhibition was arranged by department of software engineering and projects were evaluated by senior faculty and representatives from NIC Quetta



## International Painting Exhibition Artists for Peace Bishkek Kyrgyzstan

International Painting exhibition was held from June 29 to July 02, 2018 at culture museum Bishkek Kyrgyzstan. The Painting exhibition was organized by INTERNATIONAL UNION ARTISTS FOR PEACE BEIJING CHINA. Many artists participated in the event from all over the world. The vice president of Kyrgyzstan was the chief guest of the exhibition. From BUIITEMS, Mr.Haleem Bareach, Associate Professor of Fine Arts, participated in the exhibition. All the international artists, Art lover's organizations chairman; members and Minister of culture Kyrgyzstan were present on the occasion. The vice president of Kyrgyzstan and organization chairman presented the certificates and awards to all the international artists.





# **Alumni Success Stories**

## Shahrukh Khan Kasi



I was born in Quetta, the provincial capital of Balochistan, situated in the North West, close to the Pak-Afghan border. The city though quite isolated geographically is home to diverse ethnicities. A land of unique and diverse natural beauty, Balochistan holds in its lands; the lush greenery of Bolan, the vast ranges of Chaghi, the deserts of Kharan and pristine beaches of its 770km long coastline. Unfortunately, the province is also known for deprivation of its populace namely; illiteracy, unemployment, and general backwardness. To show a ray of hope amidst the darkness of illiteracy in Balochistan, BUIITEMS university was established in 2002.

I became a part of BUIITEMS university in August 2011, when I got admission in its BS Telecommunications Engineering program. BUIITEMS played a significant role in the development of my personality. During the four

years stay at BUIITEMS, I benefited from a wide range of curricular and non-curricular activities. The curricular benefits included obtaining Gold Medal for attaining the top position in graduation degree. I have always been a competing student in academics before my undergrad studies, but at BUIITEMS I got the opportunity to expand my horizon beyond the academics. I became the first ambassador of Microsoft at BUIITEMS (Microsoft Student Partner) in 2014; I joined the IEEE Student Branch of BUIITEMS as its chairperson in 2015 and initiated Quetta Going Green along with the Dean of FICT in December 2015. These volunteer responsibilities helped me overcome the fear of public speaking as well as enhanced my leadership skills and ability to work effectively in teams.

After graduation, having no predilection for finding a job, I pursued my Master's studies at the Lahore University of Management Sciences (LUMS). When I joined LUMS, I felt slightly shaken in the face of the pressure of surviving in the pioneer institute of Pakistan. I feared lagging behind other students, given my association from an underdeveloped province. Contrary to my expectation, I competed well with my peers and performed highly in my academics for which I was awarded the Deans Honor Roll award.

Currently, I am pursuing my doctorate studies at Michigan State University (MSU), USA. When I compare myself from the day I joined BUIITEMS and what I have accomplished today, I get immensely proud of my achievements in my personal and academic journey. I have been able to secure prestigious scholarship opportunities from Commonwealth UK Commission, Fulbright, Turkey Burslari, HEC UESTP, and a fully funded US university direct admission.

My advice to the students of Balochistan is to be confident of your capabilities. Don't believe in the myths that people from Balochistan cannot compete with the students of other provinces of Pakistan or internationally. If I was able to make it to the finest universities in the world and compete with some of the brightest minds, then you also can.



## Asfand Yar

### **BS Information Technology (2011-2015)**

- HEC Scholar, MS leading to Ph.D.  
ENSIMAG, Grenoble Institute of Technology, France
- Ex. Young Parliamentary Associate  
British Council Pakistan
- Ex. Young Development Fellow  
Ministry of Planning, Development & Reforms Govt. of Pakistan



After completing graduation with Gold Medal from BUIITEMS, my enthusiasm and passion took me to get fellowship at Ministry of Planning, Development and Reforms where I got professional exposure and guidance of International supervisors from Harvard, MIT and University of Pennsylvania. At Ministry, I got the experience of working in Projects like CPEC, Pakistan Vision 2025 and SDGs.

In 2017, I joined British Council Pakistan as Young Parliamentary Associate and my job was to provide support to Balochistan Provincial Assembly in IT, research and legislation.

It was not the end, the guidance and motivation from my teachers at Faculty of ICT, BUIITEMS helped me to get scholarship for MS leading to PH.D. and currently I am doing Master 2 in Advanced Information Systems and Software Engineering (AISSE) at National School of Computer Science and Applied Mathematics, Grenoble Institute of Technology, France.



# Quality Policy Statement

**BUIEMS** 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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