

BUIITEMS

Quality & Excellence in Education



NEWSLETTER

Vol. 90



Our Vision

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

Mission Statement

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

Our Goals

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

Our Core Values

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

CONTENTS

• First Design Group Exhibition 2019	06	• Outcome-Based Education (OBE)	22
• HEC All Pakistan Badminton Championship (Women)	06	• Establishment of Forensic DNA Testing Laboratory at BUIITEMS	23
• All Pakistan 40th HEC Intervarsity Football Men Tournament	07	• Coffee Klatch sponsored by Bakeoclockquetta	24
• The Great Debate	07	• Training workshop on “Wildlife Conservation”	24
• Skill Development Program by Department of Computer Engineering	08	• Web of Science Conference	25
• Awareness Session on “A Road Map to USA and Canada Admissions”	09	• Orientation Session	25
• Field internships for Petroleum & Gas Engineering students	10	• Youth Social Entrepreneurship Summi	26
• Board of Studies (Department of Economics)	10	• Project Proposal Writing	26
• 20th Meeting of BUIITEMS Academic Council	11	• Tree Plantation Campaign: Green Balochistan	27
• Institutional Scholarship Award Committee (ISAC) Session Fall 2018	12	• Celebrations of International PI Day	27
• 6th Board of Studies, Department of Chemical Engineering	12	• Report on Analyzing your Personal Learning Style	28
• CVE Media Product Development Workshop for Media Studies	13	• Orientation Session Spring-2019 (Faculty of Life Sciences & Informatics)	28
• All Pakistan Inter-varsities Rugby Championship 2019	13	• Ali Changezi Remained Best Speaker	29
• Balochistan Media Literacy	14	• Solo Exhibition	29
• 32nd Meeting of BUIITEMS Syndicate	14	• Board of Studies Meeting (Department of Computer Engineering)	29
• All Pakistan Inter Varsity Basket Ball (women) Championship 2019	15	• Honor of BUIITEMS	30
• 20th All Pakistan Inter School Collages University’s Scrabble Champion Ship	16	• GRE Mock	30
• 8th Meeting of BUIITEMS Senate	16	• Workshop on “Skills in Administration”	31
• Two Day Training Workshop on Patent Database Searches and Development of Technology and Innovation Support Centers (TISCs) in Pakistan	18	• Col. Minhas Almond Orchard	31
• Arc-Asia Student Jamboree 2019	19	• Industry-Academia Collaboration MoU with SSGC	32
• Architecture Round Table Conference 2019	19	• Awareness Session on “A Road Map to Fulbright Scholarship”	32
• HEC Interuniversity Volley Ball Championship Peshawar 2019	20	• BUIITEMS FEST 2019	33
• BUIITEMS 1st Hajj Balloting 2019	20	• Students Feedback Session	34
• FICT Meeting	21	• Paper Presentation in an International Conference of Gravitation and Cosmology	34
• International Conference on Bioscience and Biotechnology	21	• Outcome-Based Education (OBE) System	35
• 2019 International Conference on Social Science, Humanities and Interdisciplinary Studies	22	• Certificate Distribution Ceremony of free GRE and English Language Classes Department of Mathematical Sciences	36
		• Emerging Scholar Award	37
		• Annual Shield distribution ceremony (Department of Economics)	37
		• BUIITEMS Clubs & Societies	38
		• Achievements in Research by BUIITEMS ORIC and Faculty During 2018-19	40
		• MS thesis Defense BUIITEMS	41



Editorial

When the land goes quiet and the winds blow carrying crystals of ice and steam from the breathing beings, everything goes to sleep except ---resolve. The tale of the first quarter of the year 2019 at BUIITEMS is the tale of such drive, working as the fuel that keeps us going. During the first quarter of the year, the BUIITEMS family kept trying to enhance their physical and intellectual capabilities through a number of activities from sports events to debates, from workshops to field visits and much more.

Cultured and enlightened youth is generally acknowledged as a vital element in the progress of a country, and one of the strongest instrument for visionary leadership. A reservoir of polished faculties is the powerhouse for growth of individuals and society. This includes health, gender equality and stability. BUIITEMS is committed to disseminating knowledge and inculcating essential valuable traits in the students, to make them successful professionals and more importantly, good human beings. We are ever aware of our role as the harbingers of hope, and we promote a culture where being a human being is always greatly valued.

We are constantly conscious that our alumni are our ambassadors, and we can only impact the society through them. For this purpose, the students are given a culture of academic inquiry and a curiosity to learn eagerly. A deliberate effort is made to engage students in a number of activities to improve all skills. All industrious students who aspire to get quality education are provided incentives to help them fulfill their ambitions. Moreover, we constantly work at improving the content that is imparted onto the students in the form of academic curricula. Hence, the university is gradually adapting the Objectives Based Education system, where not only technical skills, but ethical values and social responsibility is given weightage in the curriculum design and development.

We are investing heavily in individuals and society. The first quarter greeted a score of PhD scholars upon their return from abroad. Their arrival is entailed with a plethora of expectation and responsibilities. Through the efforts of our highly qualified faculty that BUIITEMS will now house a Forensic Lab for the legal community. In the past, all samples were sent to other cities for forensic analysis. But thanks to the efforts of our faculty and the government of Balochistan, the lab will soon start working, saving time and resources.

Our Zhob campus is making a mark through working at an unbelievable pace. The campus management committee at the Zhob campus is working like there is no tomorrow, and it is visible. Future scriptures may not remember us as the history-makers, but we are resolved to grow as a constant source of hope for our space-time milieu.

First Design Group Exhibition 2019

Reported by: Dr. Rehan Abbasi



The Department of Textile Engineering, BUIITEMS organized its 1st Design group exhibition at Sir Syed Block BUIITEMS on January 2, 2019. The event held a number of splendid activities encompassing a showcase of breathtaking Graphite art, the art of tile painting, paper jewelry design and picture editing art. The pieces were created by the students of the first batch of BS Fashion & Textile Design under the supervision of Ms. Afshan Jabeen and Mr. Naseem Khan. Dr. Muhammad Naeem Shahwani Director ORIC BUIITEMS inaugurated the exhibition and appreciated the art and design work of the students. Dr. Faisal Khan Pro Vice Chancellor

later joined the exhibition admired the fresh talent and the efforts of the organizers for conducting the exhibition. During the closing ceremony, Dr. Zahid Rauf Director QEC&A BUIITEMS distributed the cash prizes among the top five artworks.



HEC All Pakistan Badminton Championship (Women)

Reported by: Muhammad Azam Baloch

All Pakistan intervarsity women Badminton Championship was held in Peshawar from January 2-4, 2019. Shaheed Benazir Bhutto Women University was the host and organizer of this tournament. A 5 member team of BUIITEMS participated in this tournament. BUIITEMS team lost the match in the first round playing with Agriculture University Faisalabad. Dr. Razia Sultana Vice Chancellor SBBWU was the chief guest of opening ceremony. Total 28 Universities from all over Pakistan participated in this tournament. Winner of the championship was Punjab University, the runner up was the University of Central Punjab and 3rd position was secured by University of Lahore. The Legendary Squash Player of Pakistan Mr. Qamar Zaman distributed Awards to winner and other participating teams in Final. The team had 5 players accompanied by the team manager Muhammad Azam and Coach Ms Sadia Irfan.



All Pakistan 40th HEC Intervarsity Football Men Tournament

Reported by: Masood Ahmed Kasi



Football Zone I Report

All Pakistan HEC Intervarsity Football Zone I Tournament was successfully held at LUWAMS University Lasbela, Lasbela from

December 25th to 28th 2018.

BUITEMS Football Team also participated in the said event and won the Final Match against UET Khuzdar by (Goal Difference).



Football Final Round

At BUIITEMS we believe that smart studies need more energy promoted through active sports. It plays a major role in shaping the character of a student and it offers a great career too. All Pakistan 42nd HEC Intervarsity Football Men Tournament Final Round successfully conducted at University of Punjab, Lahore Football Ground from January 5, 2019. BUIITEMS Football Team also participated in the said event after playing qualifying round at LUWAMS, Lasbela.

BUITEMS won their first match against University of Mehran University of Engineering & Technology by 6-0, & BUIITEMS lost their 2nd match against Gilgit University, By 2-1. Mr. Masood Ahmed Kasi was the Team manager and Mr. Akther Mouding was coach.

The Great Debate

Reported by: Breshna Meher



The British High Commission on January 7, 2019, organized All Balochistan Parliamentary Form Debate Competition. Each member had 5 to 10 minutes to deliver a speech in opposition or in the favor of the government. The first and second position holders were both from BUIITEMS; Ali Changezi who was awarded best debater, and Ms Nazdana stood second.



Skill Development Program by Department of Computer Engineering

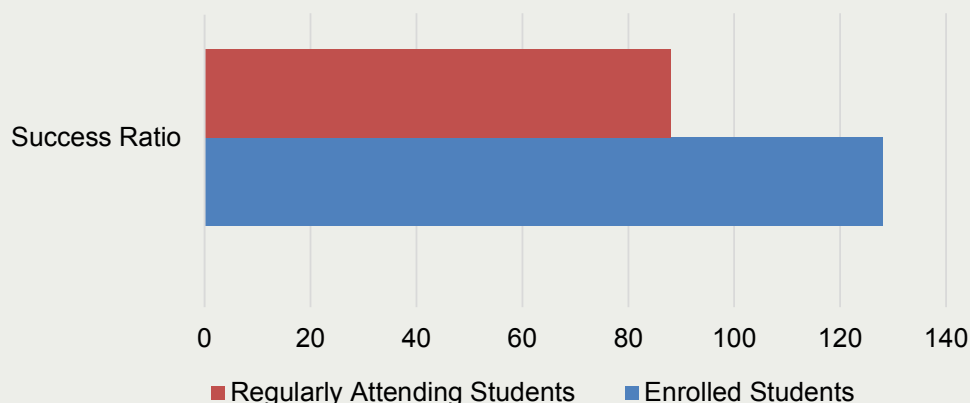
Reported by: Dr. Muhammad Akram Khan



The Department of Computer Engineering arranged a free Skill Development Program (SDP) for the students of Faculty of Information Technology, during winter vacation, from January 7-31, 2019 at BUIITEMS. The objective of the program was to develop skills and to develop their mindset to pursue additional skills beyond what are gained as part of their degree program. The resource persons were Mr.

Muhammad Akram, Mr. Syed Umair Shah, Mr. Rozi Khan, Mr. Abdul Muqsit, and Mr. Syed Zubair Ahmed and the participants were the students of Computer Engineering 7th semester. Resource persons from faculty, alumni and senior students were; and 7th semester computer engineering students. The training modules comprised: Web Development, Python and C/C++ Programming, Computer Networks, Deep Web Learning, Freelancing and Entrepreneurship. The closing ceremony was held on 4th February 2019 with a note of appreciation from Dr. Bakhtiar Khan Kasi, and from Dr. Muhammad Akram followed by distribution of certificates and shields among the participants and resource persons.

SDP Enrollement Particulars



Courses Offered	Descriptions
Networking	Networking concepts were taught along with tools demonstrations such as CISCO Packet tracer.
C & C++ Programming	C and C++ programming basics and necessary concepts were taught in order to develop some interest of programming among students.
Python	Python is growing rapidly, this course offered basic understanding to Python programming.
Web Development	Web development is very versatile fields, demands, necessity and different concepts were shared to the students.
Free Lancing & Entrepreneurship	Free Lancing & Entrepreneurship concepts along with profile creation, skills development, portfolio building, order acquisitions and payment gateways were demonstrated.

Events	Timeline	Venue
Opening Ceremony	7 th January 2019.	Green Hall
Classes	8 th - 31 st January 2019.	Classes and Cisco Lab
Closing Ceremony	4 th February 2019.	Training Hall
Distribution of Certificate to Students	4 th February 2019.	Training Hall
Tea Party & Photo session	On the day of closing ceremony.	Training Hall



Department of Mathematical Sciences conducted an awareness session on “A Road Map to USA and Canada

Awareness Session on “A Road Map to USA and Canada Admissions”

Reported by: Zamzam Qazi

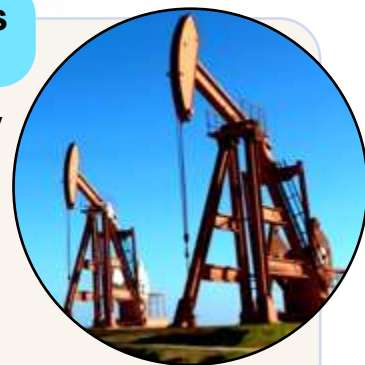
Admissions” held on the January 8, 2019 in Green Seminar Hall BUIITEMS. The resource person was Ms. Zamzam Qazi, a verified mentor for GRE and TOEFL tests. Ms. Zamzam explained the application process for Fulbright scholarships, GRE/TOEFL preparation and direct admissions. Chief guest Chairperson, Department of Mathematical Sciences, Dr. Mohammad Zubair strongly encouraged faculty members and students to apply for such programs and appreciated the efforts of the resource person for making the session fruitful.



Field internships for Petroleum & Gas Engineering students

Reported by: Engr. Zafarullah Abro

The students of department of Petroleum and Gas Engineering went for fully paid winter field internships -2019 from **January 10, 2019** onwards at different Oil and Gas Fields of Oil and Gas Development Company Limited (OGDCL), Pakistan Petroleum Limited and Mari Petroleum Company Limited for 4-6 weeks.



The detailed list of students & field locations are as:

S.No	Name in full	Field Location	Company	Duration
1.	Muhammad Hussain	Sui Gas Field	PPL	6 weeks
2.	Muhammad Moazam	Sui Gas Field	PPL	6 weeks
3.	Muhammad Sadiq	Sui Gas Field	PPL	6 weeks
4.	Muhammad Ashraf	Qadirpur Gas Field	OGDCL	4 weeks
5.	Faisal Usman	Qadirpur Gas Field	OGDCL	4 weeks
6.	Mehboob Shah	Qadirpur Gas Field	OGDCL	4 weeks
7.	Aziz ur Rehman	Qadirpur Gas Field	OGDCL	4 weeks
8.	Muhammad Hasnain	Qadirpur Gas Field	OGDCL	4 weeks
9.	Amir Khan	Uch Gas Field	OGDCL	4 weeks
10.	Imran Khan	Uch Gas Field	OGDCL	4 weeks
11.	Asif Nawaz	Uch Gas Field	OGDCL	4 weeks
12.	Amir Ilyas	Uch Gas Field	OGDCL	4 weeks
13.	Musawir Khan	Uch Gas Field	OGDCL	4 weeks
14.	Asad Ali	Dharki Gas Field	MPCL	4 weeks
15.	Muhammad Yousaf	Dharki Gas Field	MPCL	4 weeks
16.	Naeem Khan	Dharki Gas Field	MPCL	4 weeks
17.	Ferozuddin	Dharki Gas Field	MPCL	4 weeks
18.	Safiullah	Dharki Gas Field	MPCL	4 weeks
19.	Daniyal Asghar	Dharki Gas Field	MPCL	4 weeks



On January 11, 2019 the board of studies meeting of the economics department was held in city campus BUIITEMS. The session was chaired by the chairperson of Economics department Mr. Muhammad Jawad Khan and was attended by all the members namely; Prof. Dr. M.A.K Malghani, Dr. Tariq Ahmed, Dr. Syed Muhammad Khair, Dr. Munawar Shah, Dr. Usman Azhar, Mr. Farhat Ullah, Ms. Zarmina Khan, Mr. Muhammad Jaffar, Mr. Asfand Yar Tareen, Mr. Talha Ghafoor, Dr. Zahid Rauf, Dr. Nazeer Durrani and external members including Dr. Mian Abdullah Tahir Senior Economic Analyst, Department of Economics, State Bank of Pakistan and Dr. Aqdas Afzal Assistant Professor, SDP Habib University & Member National Curriculum Revision Committee. The members approved the incorporation of latest HEC curriculum into the BS and MS programs. The PhD in Economics was also presented for approval.

Board of Studies (Department of Economics)

Reported by Sania Sabir



20th Meeting of BUIITEMS Academic Council

Reported by: Salar Khan



BUIITEMS under the chairmanship of the Vice Chancellor Mr. Ahmed Farooq Bazai (SI). The Pro Vice Chancellor, Registrar, Deans, Dean Graduate Office, Professors, Department Heads, Director QE&A, Director University College of Zhob, Director University College of Muslim Bagh, Controller Examination and Librarian attended the meeting. The meeting commenced with recitation of verses from the Holy Quran followed by a welcome note from the Chair. The Deans presented the Board of Faculties and department heads of Civil Engineering, Petroleum, Engineering, Textile Engineering, Mining Engineering, Geological Engineering, Information Technology, Geological Engineering, Electronic Engineering, Physics, Psychology, Mathematics and Economics presented their respective board of Studies. Next the Dean Graduate Studies Office presented recommendations of Advance Studies & Research Board and admissions & migration policy in MS programs before the council for consideration and approval. The agenda items regarding the nominations of members by the Council on various statutory bodies including Board of Faculties, Discipline Committee and Finance & Planning Committee were considered by the council. The Council thoroughly deliberated and approved the academic matters of the University and accorded approvals and made certain recommendations. The meeting concluded with vote of thanks to the chair.



Institutional Scholarship Award Committee (ISAC) Session Fall 2018

Reported by: Nausheen Sabir

The 5th meeting of the Institutional Scholarship Award Committee (ISAC) Batch II was held at BUIITEMS on January 16, 2019, for the award of USAID funded Merit and Need Based Scholarship Program among the students of session fall 2018. The meeting was chaired by Prof. MAK Malghani and committee members present were; Dr. Kamran Sami (Dean FOE&A), Dr. Bakhtiar Kasi (Dean FICT), Mr. Faisal Noshewani (Director UAFA), Dr. Syed Munawar Shah (Associate Professor/Faculty Coordinator FMS), Dr. Zainab (Professor UOB), Dr. Anjum (Registrar SBK), Mr. Farhat Abbas (Member HEC), Mr. Tariq Wadood (Member HEC), Kinza Khan (Deputy Director Financial Aid), Zeleck Alexander (Deputy Director Accounts), Nausheen Sabir and Muhammad Mustafa Malghani (Managers Financial Aid). Total



applied applications received were 35 from Faculty of Management Sciences and 134 from engineering categories. Before the committee meeting 14 and 25 applications were shortlisted from their respective categories and during the meeting 6 applications from each category were awarded with the scholarship.

The 6th meeting of the Board of Studies for BS/MS

6th Board of Studies, Department of Chemical Engineering

Reported by: Engr. Awais Sattar Ghouri

Chemical Engineering was held on January 25, 2019 at Department of Chemical Engineering, Faculty of Engineering & Architecture, Balochistan University of Information Technology Engineering & Management Sciences, Takatu Campus, Quetta. Dr. Faisal Mushtaq chaired the meeting. Dr. Tanveer Iqbal, Associate Professor, Department of Chemical Polymer & Composite Material Engineering (KSK Campus), University of Engineering and Technology, Lahore and other members attended the meeting. Various agenda items pertaining to curriculum development and implementation based on Outcome Based Education system on all exiting and forthcoming batches of BS Chemical Engineering was reviewed and discussed.



CVE Media Product Development Workshop for Media Studies

Reported by: Iftikhar Ahmed

A 6 day capacity

building workshop regarding CVE Media Product Development for the students of media studies and PTV journalists was organized by Pakistan Peace Collective (PPC), a research & communication project of the Ministry of Information & Broadcasting at the Pakistan Television Training Academy Islamabad on January 26, 2019. Students from BUIITEMS mass communication department were among the 16 universities who participated in the workshop. The purpose of the workshop was to provide refined professional media product development skills with a deeper understanding of the role of media in countering violent extremism and discussion on narratives, impact & critical analysis of conflict reporting in Pakistan. The final day of the workshop was chaired by Mian Jahangir Iqbal Principal Information Officer (MoI&B), who distributed certificates among the participants of the workshop. The session was also attended by Shabbir Anwer CEO PPC, Lt Gen (Ret.) Shahid Iqbal, Ambassador Sanaullah and scholar & writer Shiekh Mumtaz.



BUIITEMS Rugby (Male) Team Participated in the "All Pakistan Inter-varsities Rugby Championship 2019 at University of Vet & Animal Sciences, Lahore from 28th to 31st January 2019.

All Pakistan Inter-varsities Rugby Championship 2019

Reported by: Masood Ahmed Kasi

18 Universities from all over Pakistan participated in the event. BUIITEMS Rugby team won their first match against University of Peshawar by 25-04, & BUIITEMS Played their second match against University of Punjab and lost the match by 30-15. Winner of the championship was Punjab University.



Balochistan Media Literacy

Reported by: Iftikhar Ahmed

The Department of Mass Communication in collaboration with Individual and Pakistan (a research based advocacy firm) organized a 6 day course on "media literacy" for their

students from January 28 to February 2, 2019.

Mr. Saghir Naqash, a seasoned journalist and member of the national television and facilitator explained the importance of media literacy. There were skype sessions from Ms. Sherry Ricchiardi, who briefed the participants on various sources/channels of information, media ethics and conflict sensitive journalism. Then another skype session was delivered by Washington D.C. based photojournalist Mr. Frank Folwell

The remaining sessions on the second day focused in data and information and were conducted by Dr. Babrik Niaz who elaborated on various methods of data collection and online research. Mr. Mushoud Ali conducted a session on Facebook and twitter activism and creating visual messages in which the discussion revolved around primary news sources, arguments on social media, how to spot fake news and online harassment.



32nd Meeting of BUIITEMS Syndicate

Reported by: Muhammad Yaseen

32nd Meeting of the Syndicate of Balochistan University of Information Technology, Engineering and Management Sciences (BUIITEMS) Quetta was held on January 28, 2019 under the Chairpersonship of Mr. Ahmed Farooq Bazai (S.I), Vice Chancellor, BUIITEMS at Takatu Campus. Meeting started with recitation of verses from the Holy Quran. The Secretary BUIITEMS Syndicate welcomed the Chairperson and all the respected members of BUIITEMS Syndicate. The Syndicate deliberated upon agenda items pertaining to academic and administrative matters of the university and made the decisions/recommendations accordingly. The meeting ended with a vote of thanks from the Chair.



The following participants attended the meeting:

- Dr. Faisal Ahmad Khan, Pro Vice Chancellor, BUITEMS
- Mr. Jamal Mustafa, Registrar, BUITEMS
- Prof. Dr. Jan Muhammad, Dean Faculty of Arts and Basic Sciences, BUITEMS
- Prof. Dr. Nazeer Ahmed Durrani, Dean Graduate Studies, BUITEMS
- Dr. Syed Kamran Sami, Dean Faculty of Engineering, BUITEMS
- Dr. Agha Muhammad, Officiating Dean Faculty of Life Sciences & Informatics, BUITEMS
- Syed Munawar Shah, Officiating Dean Faculty of Management Sciences, BUITEMS
- Dr. Riaz ul Amin, Officiating Dean Faculty of Information and Communication Technology, BUITEMS
- Dr. Mohammad Mushtaq, Professor, Department of Biotechnology, BUITEMS
- Mr. Manzoor Hussain, Director Finance, BUITEMS
- Mr. Ghulam Mujtaba Junejo, Controller of Examinations, BUITEMS
- Prof. Dr. Muhammad Naeem Shahwani, Director ORIC / Act. Director QEC, BUITEMS



20th All Pakistan Inter School Collages University's Scrabble Championship

Reported by: Masood Ahmed Kasi

The Pakistan Scrabble Association organized 20th All Pakistan School Collages Universities Scrabble Championship at BBS Parsi High School Karachi from February 2- 4, 2019. BUIITEMS Scrabble team Participated in the said Championship at Karachi from 2nd to 5th February 2018. Over all 1850 Students took part from All over Pakistan from Different Schools, Colleges and Universities participated in the event, BUIITEMS Student Muhammad Zia of BS(English) Secured the 4th position, Ali Raza of BS (Physics) 9th Position, Bibi Saeeda of BS(Psychology) 10 Position among top 20 players in age category "J", Mr. Masood Ahmed Kasi was the Team Manager.



8th Meeting of BUIITEMS Senate

Reported by: Muhammad Yaseen

8th meeting of the Senate of BUIITEMS Quetta was held on February 04 , 2019 under Chairmanship of the Justice (R) Amanullah Khan Yaseenzai, Honorable Governor Balochistan / Chancellor BUIITEMS at Takatu Campus BUIITEMS. Meeting started with recitation of verses from the Holy Quran. The Secretary BUIITEMS Senate welcomed the Chairperson and all the respected members of the BUIITEMS Senate. The Senate deliberated upon agenda items pertaining to financial, academic, and administrative and policy matters of the university and decision were resolved accordingly. The meeting ended with a vote of thanks from the Chair.



The following participants attended the meeting:-

- Mr. Ahmed Farooq Bazai (S.I), Vice Chancellor, BUITEMS.
- Dr. Faisal Ahmad Khan, Pro Vice Chancellor, BUITEMS.
- Mr. Hayat Kakar, Additional Secretary, Colleges, Higher & Technical Education, Government of Balochistan
- Mr. Naseeb Ullah Khan Bazai, Principal Secretary to Governor Balochistan
- Prof. Dr. Sarosh Hashmat Lodi, Vice Chancellor, NED University of Engineering and Technology, Karachi
- Dr. Muhammad Aslam, Rector, University of Management and Technology, Lahore
- Mr. Jamal Shah, Director General, Pakistan National Council of the Arts.
- Ms. Raheela Hameed Khan Durrani, Former Speaker of Provincial Assembly Balochistan
- Dr. Masoom Kasi, Professor, Quetta Institute of Medical Sciences (QIMS)
- Dr. Anjum Pervaiz, Registrar, Sardar Bahadur Khan Women's University, Quetta
- Dr. Jan Mohammad, Dean /Professor, Faculty of Arts & Basic Sciences, BUITEMS
- Dr. Bushra Naeem, Associate Professor, Faculty of Information and Communication Technology, BUITEMS
- Dr. Muhammad Naeem Shahwani, Professor/ Director ORIC, BUITEMS
- Mr. Jamal Mustafa, Registrar, BUITEMS



A Two Day Training Workshop on Patent Database Searches and Development of Technology and Innovation Support

Two Day Training Workshop on Patent Database Searches and Development of Technology and Innovation Support Centers (TISCs) in Pakistan

Reported by: Syed Usman

Centers (TISCs) was organized by the World Intellectual Property Organization (WIPO), the Intellectual Property Organization of Pakistan (IPO Pakistan) with the collaboration of Higher Education Commission of Pakistan (HEC) at PNEC-NUST, Karachi from February 11-12, 2019. Professor Dr. Muhammad Naeem Shahwani, Director ORIC in the capacity of focal person of TISC BUIITEMS attended the subject training program. The training consisted of the following modules:

- Usefulness and Promotion of Patent Information and WIPO's Project on the Establishment of Technology and Innovation Support Centers (TISCs)
- Development and Implementation of the TISC Project in Pakistan: Challenges and Future Steps
- Building Innovation on Patent Information: Research and Patent Filing Experience in Pakistan
- Search Tools and Strategies, including Use of the International Patent Classification (IPC)
- Reading and Understanding Patent Documents
- Accessing WIPO's Resources for TISCs and Introduction to Research4Life Programs
- Searching Patents Using PATENTSCOPE
- Searching Patents Using Espacenet

The patent document is a techno-legal document which gives valuable insight into the technical, legal and commercial aspects of patented technologies. Higher Education Commission with the collaboration of IPO Pakistan and World Intellectual Property Organization (WIPO) aims to establish a network of Technology Innovation Support Centers (TISCs) in universities, research institutes and relevant public and private institutes. In this regard, 27 TISCs including 23 universities has been established in the 1st phase of project including BUIITEMS Quetta. The objective of proposed TISC network is to promote the use of patent information among researchers, entrepreneurs, IP managers, attorneys, government officials and policy makers by making the national and international patent databases accessible to them. These centers will also act as one-stop shop of other IP services.



Arc-Asia Student Jamboree 2019

Reported by: Ar. Naveed ur Rehman Anwar

Institute of Architects Pakistan, University of Engineering & Technology Lahore and the Arc-Asia Council for Architects. 35 Architecture Departments including students from BUITEMS and throughout Pakistan participated in the Jamboree which was focused on the urbanization issues of Lahore. The BUITEMS team was divided into different groups. The BUITEMS team won the second and third prizes at the Jamboree.

The Arc-Asia Student Jamboree 2019 was held in Lahore from 16-17 February 2019. The event was jointly organized by the



Architecture Round Table Conference 2019

Reported by: Ar. Urooj Nagi

The Architecture Round Table Conference 2019 was held on February 16-17, 2019, at the Arc-

Asia Students Jamboree held in Lahore. 35 departments throughout Pakistan participated as official delegates. Team BUITEMS was officially presented by faculty Ar. Naveed ur Rehman Anwar and students Mazhar Nawaz and Samreen

This year's conference theme was **"Smart Cities, Challenges and Adaptations"**. Speakers from all the participating Institutions presented their ideas for Smart Cities and also focused on the idea of adopting smart cities solutions in artificial intelligence in enhancing infrastructure planning of cities and for the users. The session moderator was Professor Kivanc Kilinc from the American University Beirut and gave his input about the idea of smart cities in the world, especially in the third world countries.

It came to the surprise of the conference that BUITEMS was the only institution in Pakistan that teaches the concept of smart cities in their course "Urban and Regional Planning" in their BS-Architecture study program.



HEC Inter-university Volley Ball Championship Peshawar 2019

Reported by: Muhammad Azam Baloch



According to HEC Annual Sports events plan, Volley Ball Championship was scheduled to be held at University of Peshawar. Two months Training Camp was conducted to select volley ball team from BUITEMS.

BUITEMS Volley Ball team participated in the event which was scheduled from February 17-19 2019. BUITEMS team lost their match against Superior University of Punjab on knock out basis

“BUITEMS is not only providing quality education, but also playing an important role in providing knowledge and awareness about Islam and its teachings”, said Mr. Ahmed Farooq Bazai (S.I) Worthy Vice Chancellor, on the occasion of initiating BUITEMS Hajj policy and the first Hajj Balloting. He also said that through this activity, BUITEMS faculty and staff can get chance to perform Hajj regularly. BUITEMS 1st Hajj Balloting was held on February 18, 2019 at Expo center BUITEMS. As per BUITEMS Hajj policy three employees will get the opportunity to perform Hajj. Employees were distributed in three groups i.e. form BPS 01-05, BPS 06-16 and BPS 17-21. Mr. Ali Murad, Janitorial worker from Group 1, Mr. Muhammad Zaheer, Assistant Graphic Designer from Group 2 and Mr. Hameedullah, CMS Functional Lead from Group 3 were selected to perform Hajj this year. Vice Chancellor, Mr. Ahmed Farooq Bazai congratulated all three selected employees .

BUITEMS 1st Hajj Balloting 2019

Reported by: Qadeer Sarwar



The bi-annual faculty meeting of FICT was held on February 18, 2019 to discuss the road-map for the spring semester 2019. The meeting began with the recitation of verses from the Holy Quran.

Faculty Dean Dr. Bakhtiar Khan, greeted faculty members after winter break and gave a warm welcome back to the faculty who returned from their higher studies. The faculty shared their ideas and thoughts to uplift quality of final year projects, enhance the role of technical interest groups (TIGs), and increase research throughout along with other issues.

FICT Meeting

Reported by: M. Asif Butt



International Conference on Bioscience and Biotechnology

Reported by: Dr. Mohammad Saeed

The 4th International Conference on Bioscience and Biotechnology was held on February 21-22, 2019 in Federal Kuala Lumpur Hotel, Kuala Lumpur, Malaysia. Dr. Rozeena Shaikh, Associate Professor, Department of Biotechnology presented her research work titled as "Identification of DMD gene mutation in Duchenne Muscular Dystrophy patients of Quetta, Balochistan Pakistan". Biotech 2019 aims to bring together leading academics, industrialists, research scientists and research scholars to exchange and share their knowledge, experiences and research results across multiple aspects. Dr. Shaikh was presented with session's Best presentation award during the concluding ceremony.



2019 International Conference on Social Science, Humanities and Interdisciplinary Studies

Reported by: Zamzam Qazi



Dr. Muhammad Zubair, chairperson Department of Mathematical Sciences attended the International Conference on Social Sciences Humanities and Interdisciplinary Studies (ICSSHS) at Sam Houston State University, in the Woodlands, Texas, USA from 1-2 March 2019. He served as session Chair in one of the conference sessions as well as presenting a paper on the second day of the conference that was chaired by Dr. John David Brolley from University of Texas Rio Grandey Valley, USA. The title of his paper was "The Impact of Interest Rate Spread on the Performance of all Commercial Banks in Pakistan"

Outcome-based education (OBE) is an educational theory that bases each part of an educational system around goals (outcomes). By the end of the educational experience, each student should have achieved the set goals.

The Directorate of Human Resource Development organized one day training workshop for Faculty of Information & Communication Technology and Faculty of Engineering & Architecture on March 4, 2019 at BUIITEMS.

Dr. Amjad Ali Associate Professor Sarhad University Peshawar and Dr. Yousaf Khan, Associate

Professor, UET Peshawar were the Resource Persons of the training.

The focus on outcomes creates a clear expectation of what needs to be accomplished by the end of the course. A student understands what is expected of him and teachers know what they need to teach during the course.

Student involvement in the classroom is a key part of OBE. Students are expected to do their own learning, so that they gain a full understanding of the material.

The resource persons defined the Curriculum Objectives and Intended Learning Outcomes and discussed the following in detail

- Designing Assessment Tasks
- Selecting Teaching and Learning Activities
- Tips: Reviewing your Program-level Outcomes
- Tips: Writing Intended Learning Outcomes
- Tips: Choosing an Appropriate Outcome-based Assessment Tool and Method
- Example: An Outcome-based Assessment Marking Scheme

At the end the certificate distributed amongst the participants and resource person, Ms. Fakhra Ramzan thanked the participants and resource person.

Outcome-Based Education (OBE)

Reported by: Ms. Fakhra Ramzan



Establishment of Forensic DNA Testing Laboratory at BUITEMS

Reported by: Dr. Jamil Ahmad

A meeting under the chairmanship of Honorable Governor Balochistan/Chancellor, BUITEMS Mr. Justice (R) Amanullah Khan Yasinzai was held on March 04, 2019 in the video conference room to discuss the establishment of Forensic DNA Testing Laboratory at BUITEMS. Following officials attended the meeting:



- Mr. Justice (R) Amanullah Khan Yasinzai, Governor Balochistan/Chancellor, BUITEMS
- Dr. Akhtar Nazeer, Chief Secretary, Govt. of Balochistan
- Mr. Ahmed Farooq Bazai, S.I., Vice Chancellor, BUITEMS, Quetta
- Mr. Mohsin Hassan Butt, Inspector General of Police, Balochistan
- Mr. Abdul Razzaque Cheema, Deputy Inspector General of Police, Balochistan
- Dr. Faisal Kakar, Pro Vice Chancellor, BUITEMS, Quetta
- Prof. Dr. Jamil Ahmad, Dean FLS&I, BUITEMS, Quetta
- Prof. M.A.K. Malghani, Professor, BUITEMS, Quetta
- Ar. Mamoon-Ur-Rashid, Director, Planning & Projects, BUITEMS, Quetta

Prof. Dr. Jamil Ahmad, Dean Faculty of Life Sciences & Informatics, delivered the presentation by elaborating that in the modern justice system there is a critical role of biological markers and different types of laboratories including the forensic DNA lab for the identification of suspects and offenders. It was also highlighted that other provinces of Pakistan have already established such forensic DNA labs to speed up the investigation process. It was proposed that current lab will offer the DNA testing facilities of paternity test, sodomy analysis, victims of mass disaster identification such as bomb blast / bus explosions, and missing person identification etc. In addition, training and workshop sessions should be arranged for the law enforcement agencies such as Defense Attorneys, Law Prosecutors, Police Officials and Judges etc. The DIG, Police Quetta recommended to include the facilities of polygraph in the revised project to facilitate the crime investigation process and to resubmit for consideration and approval. The Honorable Governor / Chancellor BUITEMS appreciated the project and expressed his support in establishment of the DNA forensic lab at BUITEMS. The Honorable Governor also expressed that the establishment of the lab will facilitate law and order and criminal justice system in the province.



Student affairs Arts council held a gathering for BUITEMS staff under the name of “Coffee Klatch” sponsored by Bakeoclockquetta on March 7, 2019. BUITEMS staff was served with cups of coffee while they discussed and shared ideas.

Coffee Klatch sponsored by Bakeoclockquetta

Reported by: Breshna Meher

Pro Vice Chancellor, Deans Dr. Kamran Sami and Dr. Bakhtiar Khan Kasi attended the gathering as well as faculty members from Engineering Mr. Rehan, and Mr. Abbas.



Training workshop on “Wildlife Conservation”

Reported by: Mayen Khan

BEEC conducted a 1 day training workshop on “Wildlife Conservation” for the field staff of

Balochistan Forest and Wildlife Department on March 7, 2019. The participants included rangers, game watchers, and forester and forest guards of Chiltan Mountain. Topics elaborated were: importance and values of wildlife, types of eco-system, protected areas, conservation status, and survey techniques. These people are the custodians of the few remaining wild animals around Quetta, their efforts are highly appreciable, their job is risky and tough and this was the first technical training they had received. Mr. Jamal Abdul Nasir lecturer zoology was the resource person, having over 20 years of experience in wildlife survey, management and teaching. BUITEMS aspires to take initiatives that will ultimately lead to the protection of wildlife.



Center of Excellence in Molecular Biology (CEMB) invited BUIITEMS Quetta to join in WEB of Sciences Conference held on March 11, 2019 at University of the Punjab Lahore. They organized one day conference entitled “International Scholarly Publishing from Pakistan”. A unique forum designed to facilitate firsthand learning experience of editors, scientists, researchers, organizations and university leaders by the Web of Science as a step forward towards developing national strategic framework to boost international ranking of Pakistani journals, universities and research organizations. Web of Science citation network serves as the foundation for journal impact factor, Incites and other powerful and trusted patent / citation-impact measures for universities and research organizations. Numerous universities were represented at the conference, from BUIITEMS Professor Muhammad Naeem Shahwani, Director ORIC-BUIITEMS and Dr. Haleema Sadia Assistant Professor, Department of Biotechnology, FLS&I participated and placed their fruitful views and ideas in front of the conference forum which were highly appreciated by the members.

Web of Science Conference

Reported by: Syed Usman



Orientation Session

Reported by: Mohammad Ahsan Achakzai

On March 12, 2019 BUIITEMS, in collaboration with United States Education Foundation in Pakistan (USEFP) organized an orientation session for BUIITEMS non-PhD faculty, alumni and senior students. During the session participants were briefed on the Fulbright program; how participants can prepare their application; how to prepare for the GRE International; when to take the GRE Mock Exam and actual test; and how to prepare their research proposals and personal statements. The session ended with a question-answer session where participant's queries were addressed.



Youth Social Entrepreneurship Summit

Reported by: Breshna Meher

supported by the Australian High Commission Pakistan in collaboration with BUITEMS Student Affairs. This event comprised about 20 business common and basic ideas regarding our main issues. Students had to deliver 2 minutes pitches of their basic idea regarding local problems, social basic issues, promotion of local handicrafts. Fatima Batool from BS Architecture, BUITEMS was declared the winner of this summit in all Balochistan and won cash price of Rs. 100,000/-.

A Social Youth Summit was held on March 13, 2019



The Directorate of Human Resource Development in collaboration with CEPEC organized a one-day training workshop for faculty and administrative staff of BUITEMS on March 13, 2019.

Project Proposal Writing

Reported by: Fakhra Ramzan



Mr. Ahsan Achakzai, Director CPEC, BUITEMS, Quetta was the resource person of the workshop who discussed the subject training in detailed. He shared various project proposal with the participants and ask the participants to prepare a concept paper which they liked to implement and foresee for outsource funding from a donor. He



guided them on how to write concept paper and what were the requirements donors want in it. He further elaborated the budget format and donors' terms and references for funding.

At the end he gave the assignment to prepare concept paper and also shared his email address with the participants for back-channeling. The participants and Ms. Fakhra Ramzan, Director HRD thanked the resource person for providing useful information which can be helpful for future.



Tree Plantation Campaign: Green Balochistan

Reported by: Dr. Muhamamd Akhtar

Environmental Science, Faculty of Life Sciences and Informatics. The campaign was sponsored by National Cleaner Production Center, Islamabad. The objective of the campaign was to promote awareness among the students and faculty members to plant trees.

On-campus tree plantation was grounded, adjacent to the Iqbal Hall area, at the back of the VC secretariat. All the faculty members including Dean FLSI and chairpersons of the departments joined the campaign by planting fruit trees. Students were also at the forefront of planting the trees. After plantation, seeds of different vegetables were distributed among the students and faculty members.

Dean, FLS&I concluded the campaign with gratitude for the chairperson Dr. Malik Muhammad Akhtar, Department of Environmental Science and all faculty members of FLS&I. Moreover, chairperson envisioned that in future such activities will be sustained and continued for the positive impact on the overall environment of city. In this regard, the department will keep playing its role to make the environment clean and green.



Students of Mathematics Department celebrated "The International Pi Day 2019", organized by a faculty member Zamzam Qazi, in Pink hall on March 14, 2019. Rasham Altaf

(BS Maths 8th) hosted the event.

Chairperson, Dr. Muhammad Zubair was the chief guest. Students from all faculties attended the event.

This event consisted of different interesting and informative activities. Opening Ceremony started with an informatory session on "Does Pi Know Your age?" by Hammad Nasir from (4th semester). A "Question Answers activity" was organized by Rasham Altaf

(8th semester) to develop the interest of students

in mathematics, particularly Pi constant. The Chairperson, Dr .Muhammad Zubair Khan praised the work of students and focused on the interesting facts of the extraordinary number Pi. At the end he thanked all participants and guests, followed by the cake cutting.

Celebrations of International Pi Day

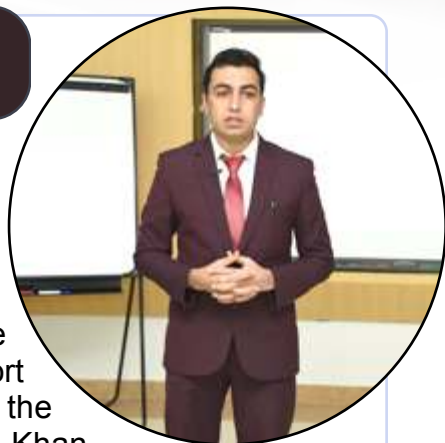
Reported by: Fakhra Ramzan



Report on Analyzing your Personal Learning Style

Reported by: Fakhra Ramzan

The Directorate of Human Resource Development organized one-day training workshop titled "Analyzing your Personal Learning Style" for the administrative staff (BPS14-16) of BUIITEMS on March 14, 2019. People with a fixed mindset tend to assume that they're born with a particular set of skills that they can't change. However, people with a growth mindset believe that intelligence and talent are just the starting point, and that success comes through attitude, effort and learning. Ms. Fakhra Ramzan, Director HRD welcomed the participants and introduced resource person, Mr. Asmatullah Khan, Assistant Professor, Psychology, Faculty of Arts & Basic Sciences, BUIITEMS. Thereafter the training began with the name of Allah and introduction of participants. The resource person conducted various activities to instill message of teamwork, the participants took an interest during the training and learnt self-management skills. The training ended with the note of thanks and distribution of certificates.



Orientation Session Spring-2019 (Faculty of Life Sciences & Informatics)

Reported by: Professor Dr. Mohamamd Saeed

The Department of Microbiology and Department of Environmental Science arranged an orientation session for students of spring 2019 in order to prepare them for the start of the session. The session was held on March 14, 2019 in Computer Lab, Iqbal Hall. The session started with recitation of The Holy Quran and it was chaired by Dr. Jamil Ahmad, Dean, Faculty of Life Sciences & Informatics. He welcomed and introduced the faculty members of Microbiology and Environmental Science departments to the new students. The session was moderated by Ms. Syeda Hafsa Ali, Lecturer, Department of Microbiology. Ms. Syeda Hafsa Ali briefed about the semester system including examination, assignment patterns, scholarships and extracurricular activities. She also explained the social norms of the university. In addition, the university grading policy, courses, academic and disciplinary rules were highlighted. The students were also informed about the various research labs working under the faculty. Later, Ms. Batool, representative of student affairs explained the different societies such as dramatics, entrepreneurship, girls' society etc. Moreover, the floor was opened for question and answer session. The session concluded with cordial greetings to students. At the end of the session, students proceeded on a visit to classrooms, laboratories, library, canteen and other faculties of the university.



Ali Changezi Remained Best Speaker

Reported by: Breshna Meher



On March 16, 2019 British High Commission organized All Pakistan Parliamentary Debate Contest in Islamabad Serena Hotel under the theme of "Great Debate", in this contest Mr. Ali remained best speaker among all and got Best Speaker Award.

Solo Exhibition

Reported by: Meraj Danish



Naseeebullah, Lecturer, Department Fine Arts BUIITEMS, had his first solo Exhibition at Nairang gallery Lahore on March 16- 28, 2019. The exhibition was arranged and curated by Ms.Aysha Ahmad and was equally supported by prominent freelance generalist Ms. Faryal Gohar. The exhibition showcased 27 canvases of tradition, environment and portraying different aspects of Balochistan. The dry weather , large terrain of mountains, scarcity of water, women with the traditional colorful dresses and animals found in Balochistan and reared at homes were presented in 27 canvases. Large number of art lovers and artists enjoyed

the show. Internationally renowned and leading Artist Mr. Saeed Akhtar, Mr. Nayar Ali Dada an international acclaimed Architect and many other artists and students of different universities and colleges attended and appreciated the show.

Board of Studies Meeting (Department of Computer Engineering)

Reported by: Lubna Ayub

The fifth

board of studies meeting for the Department of Computer Engineering was held on Saturday, March 16, 2019. The meeting was chaired by the Dean, Faculty of Information and Communication Technology, Dr. Bakhtiyar Khan Kasi who welcomed all the external and internal members of the board. The study program objectives and outcomes were defined acceding to the Washington accord published by the International Engineering Alliance. The BOS meeting revised the curriculum of BS (CE) and MS (CE) according to Outcome Based Education (OBE) for year of 2019. Some of the changes were also deliberated as per the latest NCRC curriculum proposed by HEC. External member of the board was Professor Dr. Imtiaz Ahmed Taj from the Capital University of Science and Technology. Internal members from BUIITEMS were Associate Professor Dr. Jan Muhammad Dean FABS, Assistant professor Dr. Muhammad Nadeem, Chairperson CE Department Dr. Muhammad Akram, and Assistant professor Arsalan ul haq, Assistant professor Engr.Akbar, Assistant professor Dr. Ashraf, Engr. Lubna Aziz and Lecturer Engr. Akram. The revised curriculum of BS and MS programs was approved.



Honor of BUITEMS

Reported by: Qadeer Sarwar



The first few months of 2019 saw three faculty members returning back to BUITEMS after their completion of the higher studies. Each received warm felicitations and good wishes for their future endeavors at BUITEMS. Below are the profiles of the faculty who have been awarded their doctorates; Dr. Tayyaba Akram, lecturer, Department of Management Sciences, Faculty of Management Sciences, completed her PhD from the Donghua University, Shanghai, China from September 2011 to January 2019. Her thesis title "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". Dr. Hamayoun Yousaf Shahwani, lecturer, Department of Telecommunication, Faculty of Information and Communication Technology.

Completed his MS leading to PhD from the Sungkyunkwan University in South Korea in Electrical and Electronics Engineering from March 2014 to January 2019. His research title "Resource Allocation for Cluster-based M2M in Vehicular Networks". His research areas are; Machine-to-Machine Communication and VANETs and the title of his thesis was "Resource Allocation for Cluster-based M2M in Vehicular Networks".

Dr. Asad Naeem, lecturer Department of Civil Engineering, Faculty of Engineering & Architecture, completed his MS leading to PhD from Sungkyunkwan University South Korea in Structural Engineering from March 2014 to March 2019. His research title was "Experimental and analytical seismic performance evaluation of structures retrofitted with self-centering energy dissipation systems" and research areas are Earthquake resistance design and seismic retrofit. As Balochistan is located in an earthquake zone so his focus has been on developing ways in saving the structures of this area.

GRE Mock

Reported by: Mohammad Ahsan Achakzai



March 18-19, BUITEMS in collaboration with United States

Education Foundation in Pakistan organized two days of GRE Mock activities. Non-PhD faculty, alumni and final year students from Sardar Bahadur Khan Women University (SBKWU), University of Balochistan (UOB) and BUITEMS took the GRE exam. Seventeen (17) participants from SBKWU, Twenty Five (25) participants from UOB and One Hundred and Fifty Six (156) participants participated from BUITEMS. Ten participants scored 300+ score and 308 was the highest score. Top scores from each institution is expected to receive a free GRE voucher from USEFP, a total of 5 participants will eventually receive the free GRE exam and appear in the GRE exam at a time of their convenience.



Workshop on “Skills in Administration”

Reported by: Mayen Khan



BUIITEMS Executive Education Center (BEEC) conducted a 3-day training workshop on “Skills in Administration” from March 19-21, 2019. Participants from NADRA, BPPRA & BUIITEMS attended the training workshop. Topics included: Administrative Skills, Effective Communication Skills, Understanding Behavior, Leadership, Effective Decision Making, Time Management, Managing Stress, etc. Many activities were conducted during the training workshop and the participants had a great experience during the 3-days workshop. The sessions were jointly delivered by Mr. Furqan Ul Haq, Assistant Professor, Institute of Management Sciences (University of Balochistan) & Mr. Asmat Ullah Khan, Assistant Professor, Department of Psychology, BUIITEMS.



Col. Minhas Almond Orchard

Reported by: Maria Khosa

English department conducted a Green Fruity Balochistan Drive on March 20, 2019 in which the students and faculty members planted one hundred almond trees raising The Col. Minhas Almond Orchard at Takatu Campus. The plantation was sponsored by a student of Col. Azad Minhas, one of the pioneer flying instructors in Pakistan. The plantation drive proved practical for teaching students creative ways of paying tribute to their mentors at the same time teaching eco-friendly activities.



Industry-Academia Collaboration MoU with SSGC

Reported by: Engr. Shiva Nath, Dr. Saqib Siddique

Sui Southern Gas Company (SSGC) initiated an industry-academia collaboration drive to bridge the existing gaps between academia, research and industry in order to achieve a practical and fruitful implementation of research outcome into the industry. In this regard a Memorandum of Understanding was signed with some of Pakistan's top academic institutions including Balochistan University of Information Technology, Engineering and Management Sciences (BUIITEMS) Quetta, NED University of Engineering and Technology (NEDUET), Karachi, Dawood University of Engineering and Technology (DUET), Karachi, Mehran University of Engineering and Technology (MUET), Jamshoro, and Sukkur IBA on March 20, 2019



Following are the key collaboration points under the MOU:

- To engage in research and development of projects by utilizing the resources & capabilities of both organizations for mutual interests.
- To organize the lectures, conferences, and workshops regarding energy conservation, efficiency & technological advancements.
- Providing opportunities to BUIITEMS students for purpose-built internships.
- Educational training and sharing of labs/infrastructure.
- SSGC may offer financial assistance to research project teams subject to the approval of SSGC's Management Committee & availability of funds.

The MoU signing ceremony was graced with the presence of representatives from respective Universities presided by SSGC's DMD (Corporate Services) Mr. Imran Farookhi. Dr. Saeed Ullah Jan inked the MoU with the SSGC along with Dr. Najam, Dr. Saqib and Dr. Azmatullah Khan, on behalf of BUIITEMS. This event was a significant milestone for closer research collaboration among the industry and academia particularly for BUIITEMS. In the closing remarks, Dr Saeed Ullah Jan highly appreciated this initiative taken by SSGC's senior management and expressed their commitment to present solutions towards issues it is faced with.

Awareness Session on "A Road Map to Fulbright Scholarship"

Reported by: Zamzam Qazi



Department of Mathematical Sciences conducted a propitious awareness session on "A Road Map to Fulbright Scholarship". The session was held on March 21, 2019 in Pink hall at 2 pm. The resource person was Mr. Faisal Khan, a Fulbright alumni and founder of "ScholarDen", which is the largest Pakistani online platform of

USA/Canada Admissions and Scholarships. Mr. Faisal delineated the application process briefly, including Fulbright Scholarship, GRE/TOEFL preparation and direct admissions. After the session, the organizer, Ms. Zamzam, thanked and lauded the efforts of resource person for making the session fruitful.



BUITEMS FEST 2019

Reported by: Breshna Meher

Student affairs organized “BUITEMS FEST 2019” as a welcome back to the students of BUITEMS after winter vacation on March

21, 2019. All clubs of student affairs played their part in this activity in their stalls. Media club showed movies to the students in seminar hall, Literary Club sold some informational books and novels, Music Club arranged a concert, and other clubs sold food and different items.



Students Feedback Session

Reported by: M. Asif Butt

On March 26, 2019, a student feedback session was organized by Faculty of Information and Communication Technology at Pink Hall. The session was chaired by Dr. Bakhtiar Khan Kasi, Dean FICT. Other attendees were Dr. Muhammad Nadeem Faculty Coordinator, Dr. Riaz ul Ameen, Dr. Bushra Naeem, Dr. Surat Khan, Dr. Muhammad Akram, Dr. Faizalullah, and Mr. Farhan Elah, Dr. Yousaf. Students delivered their feedback about their academic performance and different academic problems. Listening to what the students had to say was a fundamental element of faculty's approach to learning and teaching. The feedback session began with recitation of verses from holy Quran. Afterwards, the Dean of FICT, welcomed the students to the session, highlighted the importance of their feedback for continuous improvement of academics. Students asked various questions and shared their concerns related to academic and non-academic issues. The panel, which included all chairpersons, faculty coordinator, and Dean, answered the questions. Keeping in mind the students' participation in the session, it was also decided that such a feedback session will be held every semester instead of once a year.



Dr. Hasrat Hussain Shah, Lecturer, Department of Mathematical Sciences, represented BUIITEMS by presenting his research of general theory of relativity in Punjab University's International Conference of Gravitation and Cosmology (PUICGC), held from

March 27-31, 2019 in Lahore. The objective of conference was to highlight the areas of



gravitation, alternative theories of relativity, cosmology and the early universe, dark energy and Inflation, fundamental aspects of astrophysics, mathematical and relativistic aspects of cosmology, gravitational waves of cosmological and Astrophysical origin. As a guest speaker, Dr. Hasrat delivered his talk on "Electromagnetic Counterpart of Gravitational Waves from Binary Black Hole Mergers". We congratulate and appreciate his efforts for playing an eminent role in glorifying BUIITEMS' name and laudable research.

Paper Presentation in an International Conference of Gravitation and Cosmology

Reported by: Zamzam Qazi



Outcome-Based Education (OBE) System

Reported by: Fakhra Ramzan

The Directorate of Human Resource Development in collaboration with Faculty of Arts & Basic Sciences organized one day training workshop on Outcome Based Education System for FABS faculty on March 28, 2019 at BUITEMS. The Training began with the name of Allah thereafter Ms. Fakhra Ramzan, Director HRD welcomed all the participants and resource persons. Dr. Jan Muhammad, Dean Faculty of Arts & Basic Sciences briefly discussed the profile of resource persons and training topics. The first session was delivered by Dr. Owais Talat, assistant professor, EE, FICT who briefly introduced the OBES and why it is needed. Second session was taken by Dr. Shaista Taimoor, assistant professor, FOE. She elaborated the Bloom's Taxonomy of OBES. Bloom's Taxonomy underpins the classical 'Knowledge, Attitude, Skills' structure of learning method and evaluation. She discussed all in detail. Third session was taken by Dr. Gul Khan Jadoon, professor Mining Dept. FOE who presented some basic concepts about formulation of CLOs and their mapping to PLOs and he shared some examples practically. After pray break Curriculum design and assessment of OBE was discussed by Dr. Faisal Mushtaq, chairperson Chemical Engineering, FOE, He elaborated how to deal and understand OBE based curriculum. The last session of day was taken by Mr. Asadullah Khan, assistant professor, EE, FICT who explained about the BE based course file, question paper, assignment/ quiz assessment, also for clear understanding practical presentation was made during the session. At the end of the day Dr. Jan Muhammad, Dean Faculty of Arts & Basic Sciences thanked all the participants and resource persons whose interest made this training knowledgeable and informative and can help during teaching. Certificates were distributed amongst the participants and resource persons.



Certificate Distribution Ceremony of free GRE and English Language Classes Department of Mathematical Sciences

Report by: Zamzam Qazi

Department of Mathematical Sciences arranged a free one month winter camp on the preparation of international GRE and Basic English language for the faculty members and students of Mathematics Department. The organizer and instructor of the camp was mathematics lecturer Ms. Zamzam Qazi. After the camp the Department of Mathematical Sciences Chairperson Dr. Muhammad Zubair Khan organized a Certificate Distribution Ceremony on March 28, 2018 in Pink hall. The Pro Vice Chancellor, Dr. Faisal Khan and Dean of FABS, Dr. Jan Mohammad were the invited chief guests. The ceremony began with the recitation of Holy Quran. Ms. Zamzam explained the objective of winter camp and Dr. Jan lauded the efforts of department for the promising programs. Later, the chief guests distributed certificates of both programs among the participants. Dr. Faisal commended department's intentions towards the volunteer work and made some useful of suggestions and appreciated the efforts of Dean, Chairperson and Ms. Zamzam.





Naima Bilal Minhas, Assistant Professor, English department has been awarded the Emerging Scholar Award for 2019 by “E- Learning and Innovative Pedagogies”, an international educational organization that supports conferences and research in novice domains.

Emerging Scholar Award

Reported by: Benazir Naudhani

The award is in recognition for her contribution in the educational sector of Balochistan. Her profile has been uploaded on the organizational website. <https://ubi-learn.com/2019-conference/emerging-scholar-awards>.

Annual Shield distribution ceremony (Department of Economics)

Reported by: Syed Allauddin



In 2018 the department of Economics remained very streamlined, focused and goal oriented in terms of its mission and objectives. The smooth functioning of the department, timely accomplishment of the deadlines and glittering representation of the department on every front was made possible through the interminable cooperation from the administrative staff, unconditional support from its faculty members and of course the incontrovertible supervision of the chairman. In order to reward all those who contributed in their respective areas, the department of Economics organized an annual

shield distribution ceremony on 4th Jan, 2019. It remained a source of satisfaction and thanks to those who received shields and a source of inspiration and motivation for the rest.

The following faculty members were awarded shields.

- Dr. Syed Muhammad Khair: In appreciation for his contribution in research projects.
- Dr. Usman Azhar: In appreciation for his contribution in departmental support and curriculum design.
- Ms. Noureen Kasi: In appreciation for her contribution in departmental support and coordination.
- Mr. Farhatullah: In appreciation for his contribution in campus management.
- Ms. Sahar Faiz Khan: In appreciation for her contribution in CMS technical support.
- Ms. Zarmina Khan: In appreciation for her contribution in departmental support and co-curricular activities.
- Mr. Syed Allauddin: In appreciation for his contribution in co-curricular activities.



BUITEMS Clubs & Societies

Reported by: Breshna Meher

Gals Society (BGS)

About the Club

A girl's community platform where they can arrange, organize and enjoy all the events like seminars, parties, dinners, and trips, as well as avail various professional opportunities. The main objective of "BUITEMS Gals Society" is to promote girls extra co-curricular activities in university. The BUITEMS Gals Society is a society who seek to be involved in an energizing environment that facilitates growth and empowers women to pursue and achieve their educational and professional aspirations, through networking events, workshops and publications, BGS aspires to be a platform from which women can pursue their extra co-curricular activities and leadership aspirations.

Mission Statement

The mission of BGS is to empower female students through facilitating inter-disciplinary networking, professional development and expansion of educational networks.

Aims and Objectives

To enable its members to combine highest ethical standards with a pragmatic approach relevant to the society and cultivating personal and social responsibility, ethical behavior, respect for self and others, and accountability.

Values:

Respect.

Diversity

Excellence

BUITEMS Entrepreneurial Society (BES)

About the club

BUITEMS Entrepreneurial Society (BES) is dedicated to promote entrepreneurship and leadership in BUITEMS. BUITEMS by providing a channel to release the entrepreneurial energy in a way that reflects creative ideas, real world knowledge and networking experience. BES is the first and the biggest student-based entrepreneurial society in Balochistan. We seek to encompass the BUITEMS spirit of growth and entrepreneurship. The Social Outreach Program of the BUITEMS Entrepreneurial Society is an effort to support and raise awareness regarding social entrepreneurship along the lines of Sustainable Development Goals (SDGs) in Pakistan. The BUITEMS Entrepreneurial Society, aims to inspire and educate young entrepreneurs through talks, conferences, startup competitions, and literature. To help students acquire life-long skills and experiences by; enhancing their business acumen, developing their confidence, creating their leadership drive and igniting entrepreneurial spirit within their minds through various business rounds, workshops and social events. The society includes various competitive business rounds, social events and provides an opportunity to meet renowned business personalities and investors from incubators. We assist startups by helping them refine their ideas and work with them on areas where they need help like management, Promotions, marketing, content generation etc.

Mission Statement

The mission behind this society is to help students acquire lifelong skills and creating their leadership drive, and igniting entrepreneurial spirit within their minds.

Aims and Objectives

To improve the knowledge, skills & competencies of the potential & existing entrepreneurs.

Values: Innovation Management

Leadership

Strategic Management

BUITEMS Clubs & Societies

Reported by: Breshna Meher

BUITEMS Greenhouse Horticulture society (BGHS)

About the Club

The society aims to be a means for estate gardeners, florists and gardening enthusiasts to socialize, share their common interests and learn from each other. Its hallmark will always be an off-season speakers program featuring fine quality experts in the art and science of horticulture. It will be an educational club dedicated to encouraging and improving the practice of gardening and the dissemination of horticultural information to its members and the public. The society through its many and varied programs will seek to encourage the enjoyment, appreciation, and understanding of plants, the environment, and the art and science of gardening. Over time its offerings to members will be expanded to include hands-on workshops and a travel program. The society will participate in the Flower & Garden Show as a branding and membership opportunity that helps promote its educational mission to show-goers. In future, the society will have reference library collection of historic books and publications on diverse categories related to gardening which it loans to members.

Mission Statement

"The BUITEMS Horticultural Society will have a longstanding commitment to effecting positive change in our neighborhoods, protecting our environment, and improving our public spaces through the unifying power of greenhouse horticulture. "

Aims and Objectives

"The BUITEMS Horticultural Society connects people with greenhouse horticulture, and together we create beautiful, healthy and sustainable communities."

Values: Reducing our carbon footprint Enhancing the beauty of our communities
Contributes to quality of life



Achievements in Research by BUIITEMS ORIC and Faculty During 2018-19

Reported by: Syed Usman

With continuous efforts, encouragement and motivation of ORIC team for applying research funding from different agencies, during 2018-19 BUIITEMS has stood on the top of the list of universities of Balochistan. The detail is as under:

1. Technology Development Fund (TDF)

Higher Education Commission (HEC) Pakistan established a **Technology Development Fund (TDF)** to finance proposals of faculties of universities for the aim to develop prototypes, products or process developments and make the linkages with industries. There were 4 project proposals have been approved, selected and awarded from HEC under TDF program of total of Rs. 27.481M.

Dr. Mujtaba Ilahee, assistant professor of Chemistry Department has been awarded a project title “**Study on the effects of Silver Nano particles (AgNPs) in epoxy monomers based PDLC films (Smart glass)**” with amount of Rs. 12.04 M.

Dr. Anwar Khan, assistant professor, Department of Microbiology, has won two research projects titles “**Development and commercialization of transgenic potato lines tolerant to fungi and viruses**” and “**Development and commercialization of broad spectrum bio formulated fungicide**” with amount of Rs. 8.282 M and Rs. 2.441 M.

Dr. Ali Nawaz Mengal, assistant professor and Chairman, Department of Petroleum and Gas (P & G) has been awarded a project title “**Development of a Non-tracking Collector with Nano Fluids to enhance the thermal capabilities of the collector**” with amount of Rs. 4.718 M.

2. National Research Program for Universities (NRPU)

National Research Program (NRPU) is an opportunity launched by HEC Pakistan to assist financially creative and talented faculty members/researchers in all disciplines in universities with research. In 2018-19, BUIITEMS faculty members submitted a total of 14 proposals and won three projects. Among these, two received their award letters in 2018-19 while the other will receive his letter in 2019. Details of the projects are as under;

Prof. Dr. Nazeer Ahmed, Department of Biotechnology, had been awarded “**DNA Based Floral Biodiversity Inventories of Quetta, Zhob, Musakhel and Harnai Districts of Balochistan**” with amount of Rs. 3.45275 M.

Dr. Akhtar Malik Muhammad, assistant professor Department of Environmental Sciences, “**Evaluation of groundwater system and explore recharge zone of depleting aquifer**” with amount 2.447741 M.

Dr. Mamoon Ur Rashid, assistant professor Department of Chemistry: “**Design, Synthesis and Physicochemical Characterization of Selected Naphthoquinones, Quinolines and Isoquinolines Based Drugs in the Presence of Surfactants as a Membrane models**” with amount 3.542057 M.



MS Thesis Defense BUITEMS

Student	Department	Date	Topic	Supervisor	External Reviewer
Engr. Shiva Nath	Civil Engineering	January 24, 2019	Evaluation of date seeds as lightweight aggregates in concrete	Dr. Zafar Baloch	Dr. Salah-u-ddin, Chairman, Civil Engineering Department, BUET, Khuzdar
Mr. Zarak Khan	International Relations	February 08, 2019	"Nuclearization and Question of Stability in South Asia: The Way Forward"	Mr. Muhammad Idress	Dr. Abdul Manan Professor UOB Quetta
Mr. Sibghatullah	International Relations	February 08, 2019.	"Post 18th Amendment and Center-Province Relations: A Case Study of Balochistan"	Mr. Muhammad Idress	Dr. Abdul Manan professor UOB Quetta
Mr. Mian Muhammad Salman	Chemical Engineering	March 22, 2019	Analysis of Intumescent coatings with basal fiber reinforced composites for fire proofing structural application	Dr. Ali Nawaz Mengal	Dr. Mushtaq Shah, Dean Faculty of Engineering, Balochistan University of Engineering & Technology, Khuzdar





Quality Policy Statement

BUIITEMS contributes in defining standards and systems for the up-lift 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





DECENT WORK AND ECONOMIC GROWTH

ISO 9001:2015
Certified



UAN: 111-717-111
www.buitms.edu.pk