



BAHRIA UNIVERSITY
Discovering Knowledge

ANNUAL REPORT 2016-17



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2016-17



BAHRIA UNIVERSITY

Discovering Knowledge

Directorate of Quality Assurance Bahria University
Head Office, Shangrilla Road, Sector E-8,
Islamabad, Pakistan

LIST OF ABBREVIATIONS

ACM	Academic Council Meeting
ACSE	Asian Council of Science Editors
APQN	Asia Pacific Quality Network
AQAIIW	Association of Quality Assurance Agencies of the Islamic World
ACU	Association of Commonwealth Universities
AGI	Askari General Insurance
AT	Assessment Team
BJPP	Bahria Journal of Professional Psychology
BOG	Board of Governors
BU	Bahria University
BUHQ	Bahria University Headquarters
BUIC	Bahria University Islamabad Campus
BUJICT	Bahria University Journal of Information & Communication Technologies
BUKC	Bahria University Karachi Campus
BULC	Bahria University Lahore Campus
BUM&DC	Bahria University Medical & Dental College
BYTE	Bahria Youth Technothon
CPSP	College of Physicians and Surgeons Pakistan
CPEC	China–Pakistan Economic Corridor
CAC	Corporate Advisory Committees
CNS	Chief of Naval Staff
DQA	Director Quality Assurance
PGP	Post Graduate Programs
DBOS	Departmental Board of Studies
EFU	Eastern Federal Union
ERC	Ethical Review Committee
FDA	Faculty Development Academy
FBOS	Faculty Board of Studies
FDRC	Faculty Departmental Research Committees
GMJACS	Global Management Journal for Academic & Corporate Studies
HEC	Higher Education Commission
HEI	Higher Education Institutes
HERC	Higher Education and Research Committee
INQAAHE	The International Network for Quality Assurance Agencies in Higher Education

IOT	Indigenous on Campus Training
IPP	Institute of Professional Psychology
JBUMS	Journal of Bahria University Medical Sciences
JLSP	Journal of Law and Social Policy
KDU	Kotelawala Defence University
MIC	Microsoft Innovation Centre
MTC	Maritime Technologies Complex
NCEG	National Center of Excellence in Geology
NADRA	National Database and Registration Authority
NDU	National Defence University
NESCOM	National Engineering and Scientific Commission
NUST	National University of Sciences and Technology
NMS	National Maritime Seminar
NCMPR	National Centre for Maritime Policy Research
ORIC	Office of Research, Innovation & Commercialization
PDC	Professional Development Centre
PITB	Punjab Information Technology Board
PCTN	Pakistan Chapter of Talloires Network
PEC	Pakistan Engineering Council
PERN	Pakistan Education and Research Network
PM&DC	Pakistan Medical and Dental Council
QA	Quality Assurance
QAA	Quality Assurance Agency
QPSP	Quality and Productivity Society of Pakistan
QEC	Quality Enhancement Cell
RIU	Riphah International University
SECP	Securities and Exchange Commission of Pakistan
SAR	Self-Assessment Report
HALP	Huawei Authorized Learning Partnership
UNIDO	United Nations Industrial Development Organization
UOG	University of Gujrat
USEF	United States Education Foundation

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Vice Admiral (R) Muhammad Shafiq HI(M)
Rector Bahria University

Rector's Message

Bahria University is one of the leading public sector universities of Pakistan, which is dedicated to meet many complex challenges facing us today. The university has campuses, research institutes and colleges all over Pakistan which work towards grooming today's youth into becoming tomorrow's leaders. We provide a platform for promising minds to come together, pioneer new thought and serve the world around them. And for this we provide the right mix of faculty, resources, environments and technology so that both learners and teachers are inspired to create, to explore, to discover, to challenge and to lead. At Bahria it is our vision to make our university the best educational institute in the country. Our strategy to achieve this vision is to ensure that theory and practice go hand in hand. We would like to open all the doors for promoting the research potential of the students, which will enable them to use their academic knowledge for practical projects. To this end we have built bridges between the University and the corporate sector, opening the way for research, and making students apply their academic skills to practical projects.

And we aim for all this to take place in a university environment that is safe and friendly, and at the same time disciplined, as envisaged by the Quaid e Azam. Because we feel that along with studies it is equally important to develop the good old values of character, decency, honesty and consideration for one another.

We believe that young people should have a say in shaping their destinies, we therefore help them to discover their potential, prepare for life and help make a positive impact on the world around them. The unusually high youth population of Pakistan presents a wonderful opportunity for us to play a role in motivating young people to be passionate about rendering positive service to society, and make them be able to do so. Because real fulfillment for any person lies in service to his fellow human beings.

We are headed for a future in which educational institutions will increasingly be judged by the quality of the education they provide, by the kind of people they graduate and by the way in which those graduates choose to lead their lives. And we at Bahria University have been striving constantly to meet these challenges.

Executive Summary

Bahria University is a Federally Chartered Public Sector University with the vision to become an internationally recognized university that contributes towards the development of nation through excellence in education and research. The university was established on 7th February 2000 through a Presidential Ordinance. It is a multi-campus institution of higher education, which is committed to attain the highest standards in teaching, learning and research, compatible with global requirements of practicing different professions.

Bahria University offers a wide range of academic programs at undergraduate, graduate and post graduate level with the commitment to attain the highest standards in learning teaching and research, at par with international standards. The programs are being offered by the academic departments under four major faculties including Engineering Sciences, Management and Social Sciences, Health Sciences, Professional Psychology. There are 1231 total faculty members out of which 679 are permanent faculty members and 552 are visiting faculty members.

To recognize and honour the academic achievements of graduating students Bahria University regularly holds its convocation ceremonies. In the year 2016-17, Bahria University Islamabad held its 17th Convocation. Mr. Baligh-ur-Rehman federal minister for Education chaired the convocation as chief guest. The Fourth Convocation of Medical and Dental college held on 10th April 2017. Governor Sind Mr. Muhammad Zubair honored the occasion as chief guest. The honorable Rector Vice Admiral (R) Tanvir Faiz welcomed and addressed the audience about the goals and vision of the university. Similarly, Bahria University Karachi Campus held its 13th Convocation on 11th December 2016. The Chief of Naval Staff Admiral Mohammad Zakauallah, NI, SI, TI graced the ceremony as the Chief Guest.

Students of Bahria University enjoy latest facilities at the libraries of Bahria University, including D-Space

theses repository and digital library. A dedicated Corner has been established at BUIC library to honor and commemorate extra ordinary services by Mr. Abdul Sattar Edhi towards humanity. The renovated library of BUKC was inaugurated by Admiral (R) Tanvir Faiz HI(M) to honor our commitment towards development of resources.

Research and Development (R&D) activities serve as the backbone of a nation's economy. A Technology Innovation Support Centre (TISC) has been established at BUHO in 2017 under the functional & administrative control of Office of Research, Innovation & Commercialization (ORIC). Business Incubation Centers at Bahria University Islamabad and Karachi Campuses have been established on self-help basis by the management of BU. As outcome of our dedicated focus Bahria University has increased its research output in impact factor publications from 42 in 2015-16 to 73 in 2016-17. In the reporting year, the faculty of BU has published 1404 journal publications, 745 conference papers and 45 books. In this regard, travel grant has increased from 17 in 2015-16 to 25 in 2016-17.

Currently there are two QA mechanisms functioning in Bahria University against which programs of BU are assessed for Internal Reviews, HEC Reviews and Accreditation bodies visit etc. QEC by scoring 95% marks in Assessment announced by Quality Assurance Agency (QAA) of HEC in 2016 showed the commitment of QEC in promoting quality culture and establishing quality processes at BU. QEC has been continuously rated in the Top category of 'W' for last five years. Bahria University's Directorate of Quality Assurance is a member of various International Quality Networks. As a capacity building exercise for the faculty, Quality Assurance Directorate conducted various training sessions in the year 2016-17. Director QA, Fazal Wahab was the resource person of the training. The session was attended by QACs of all respective departments of BU Islamabad Campus. Quality Assurance Directorate has achieved a milestone by introducing comprehensive AAM-Academic Audit Manual. The manual provides a focus for meeting the quality standards consistently for continuous improvement in academics.

Bahria University enjoys the privilege of academic partnership with several international universities

across the globe. The partnership agreements are in shape of MOUs incorporating collaboration and providing a platform to engage joint academic activities. In the respective year, BU hosted delegations from 18 different UK universities in collaboration with British Council. A delegation from Beijing Technology and Business University China visited BU and discussed various ways of collaboration between the two institutions.

Bahria University believes in continuous growth of its infrastructure and resources. In 2016, Bahria University has acquired land for it's to be purpose built Lahore campus, honorable Rector Bahria University, Vice Admiral (r) Tanvir Faiz signed the sale deed for land acquisition. Bahria University (BU) places strong emphasis on the development of its faculty. BU has established the Directorate for training and development titled Leadership Development Center (LDC). With Faculty Development Academy (FDA) and Student Grooming Program, LDC is playing a pivotal role in capacity building of faculty and students.

Bahria University since its inception, has tried its utmost to make quality education accessible to underprivileged and needy bright scholars to get modern and world class education. For that purpose the University allocates a lot of funds for scholarships every year. Furthermore, the university allocates funds from its own resources in its budget exclusively for awarding scholarship. In FY 2016-17, an amount of Rs. 42.67 Million including HEC Need based budget has been disbursed among eligible and deserving students.

At Bahria University the internships & Placement Office has been continuously thriving to strengthen its bond with the jobs market to maximize the chances of employability for the students and graduates of Bahria University. The emphasis is on enhancing the academic, personal and professional development of students and graduates to meet the changing needs of employers, the economy and society. The internships & Placement Office also maintains close relationship with the Alumni of Bahria University and keeps on strengthening the network.

Bahria University is dedicated to promote community standards, civic engagement, and service-learning amongst the youth to make them socially responsible citizens in the society. Bahria University collaborates with Helping Hand for Relief & Development (HHRD) under Community Support Program (CSP) and introduces various initiatives. Keeping in view the importance of community service, and as per university's CSP policy, the students are being encouraged to work for NGO's- Government, Semi Government agencies and International Organizations.

The role of healthy activities is pertinent in overall performance of an individual. Bahria University provides ample opportunities to students to participate in different sports events. In the year 2016 Bahria University held its first students week. Students, staff and faculty actively participated in many extra curriculum and sports activities. Bahria University has actively participated in inter-university sports galas and HEC based sports competitions. The performance of Bahrians is exceptionally praiseworthy all around and resulted in many honors for the University.

Bahria University continuously gives its students and staff international exposure to inculcate leadership qualities to meet the challenges of modern times. For this purpose university regularly arranges international conferences and seminars. 1st international conference on "Business Dynamics" and 6th international conference on "New Challenges in Management and Business" are key indicators in this regard.

Bahria University yearly convenes BOG meetings to deliberate growth of academic areas, new infrastructure, budget, financial audits. Admiral Mohammad Zaka ullah NI (M) and members of the Board of Governors expressed vote of thanks to the outgoing Rector Vice Admiral (R) Tanveer Faiz HI (M) and applauded his personal contributions as well as leadership in making significant progress in all dimensions.

Bahria University is one of the prominent institutions where students, officers, staff and faculty receive the medical / emergency first aid services and counseling support services. Currently Jubilee General Insurance Company (JGI) is providing Health insurance coverage to BU Employees and their dependents. Total number of insured persons through JGI is 5113.

As for allocation of resources Bahria University has allocated ample resources to meet for its market-based, competitive initiatives that allows the university to develop new programmes, spend on development of new infrastructure to sustain these initiatives with continuous provision of resources.

I am sure and believe in the fact that Bahria University will keep on playing its part in training our students and professionals to make them into human capital to play a significant role in the development of the country.

FAZAL WAHAB
Director Quality Assurance

About Bahria University

Bahria University is a Federally Chartered Public Sector University which was established on 7th February 2000 through a Presidential Ordinance. It is a multi-campus institution of higher education, which is committed to attain the highest standards in teaching, learning and research, compatible with global requirements of practicing different professions. The University is widely recognized for preparing professionals, to assume roles as future leaders and to become good executives/managers through development of their physical, mental, moral and professional competence. The enrollment of students has crossed 15,000 in the campuses located in Islamabad, Karachi and Lahore.

CONSTITUENT UNITS

BAHRIA UNIVERSITY
Islamabad Campus, ISLAMABAD

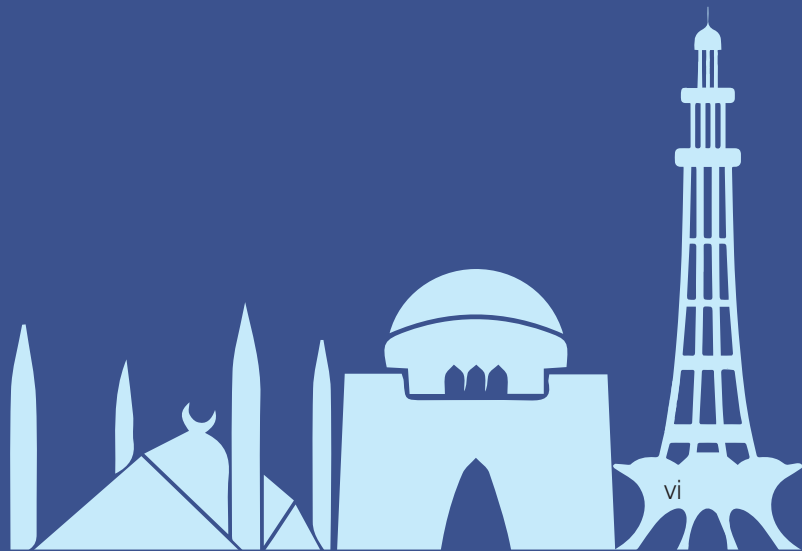
BAHRIA UNIVERSITY
Karachi Campus, KARACHI

BAHRIA UNIVERSITY
Medical & Dental College, KARACHI

BAHRIA UNIVERSITY
Institute of Professional
Psychology, KARACHI

BAHRIA UNIVERSITY
Lahore Campus, LAHORE

BAHRIA UNIVERSITY
National Center for Maritime
Policy Research, KARACHI



VISION

To become an internationally recognized university that contributes towards the development of nation through excellence in Education and Research.

MISSION

To remain committed to the attainment of highest standards in teaching, learning and research, at par with the international standards

OBJECTIVES

In pursuing this Mission the University has following objectives:

- Establishing Campuses, Research Institutes and Colleges throughout Pakistan.
- Preparing the younger generation to become future leaders, professionals and managers for a prosperous Pakistan, through development of their physical, mental, moral and professional strengths.
- Ensuring academic excellence through quality education in disciplined and peaceful learning environments.
- To offer students the benefits of successfully meeting the intellectual challenge, and to nurture skills and qualities they need for their professional careers ahead and to enable them to achieve their full potential as individuals.
- Constantly monitoring and upgrading facilities and updating the curricula to keep pace with the emerging trends and technologies.
- Coordinating and providing facilities for exchange of knowledge and applied research in the newly emerging fields in collaboration with national and international Universities and research institutions.



STRATEGIC GOALS

EXCELLENCE IN EDUCATION

The aim is to offer students a transformational educational experience, encompassing both the academic and the co-curricular activities, which provides them with the opportunity to fulfill their potential as successful professionals in life.

EXCELLENCE IN RESEARCH

The aim is to develop and sustain an environment where research is viewed and practiced as a primary function that will subsequently contribute towards the vitalization of teaching, by discovery of new knowledge, and improving people's life in our country and abroad.

EXCELLENCE IN GLOBAL REACH

The aim is to thrive for a global presence by equipping students, staff and faculty with the global knowledge and expertise to become a world renowned university.

ENGAGING WITH BUSINESS/INDUSTRY

The aim is to maximize the impact of our excellence in education and research by engaging effectively with business/ industry in a way that benefits staff, students, faculty and alumni to provide sustainable growth in our income from government and non-government sources

EXCELLENCE IN SOCIAL INTEGRATION

The aim is to commit our self towards development of our local communities, and foster an environment where the staff, students and faculty see themselves as part of the larger, global community.

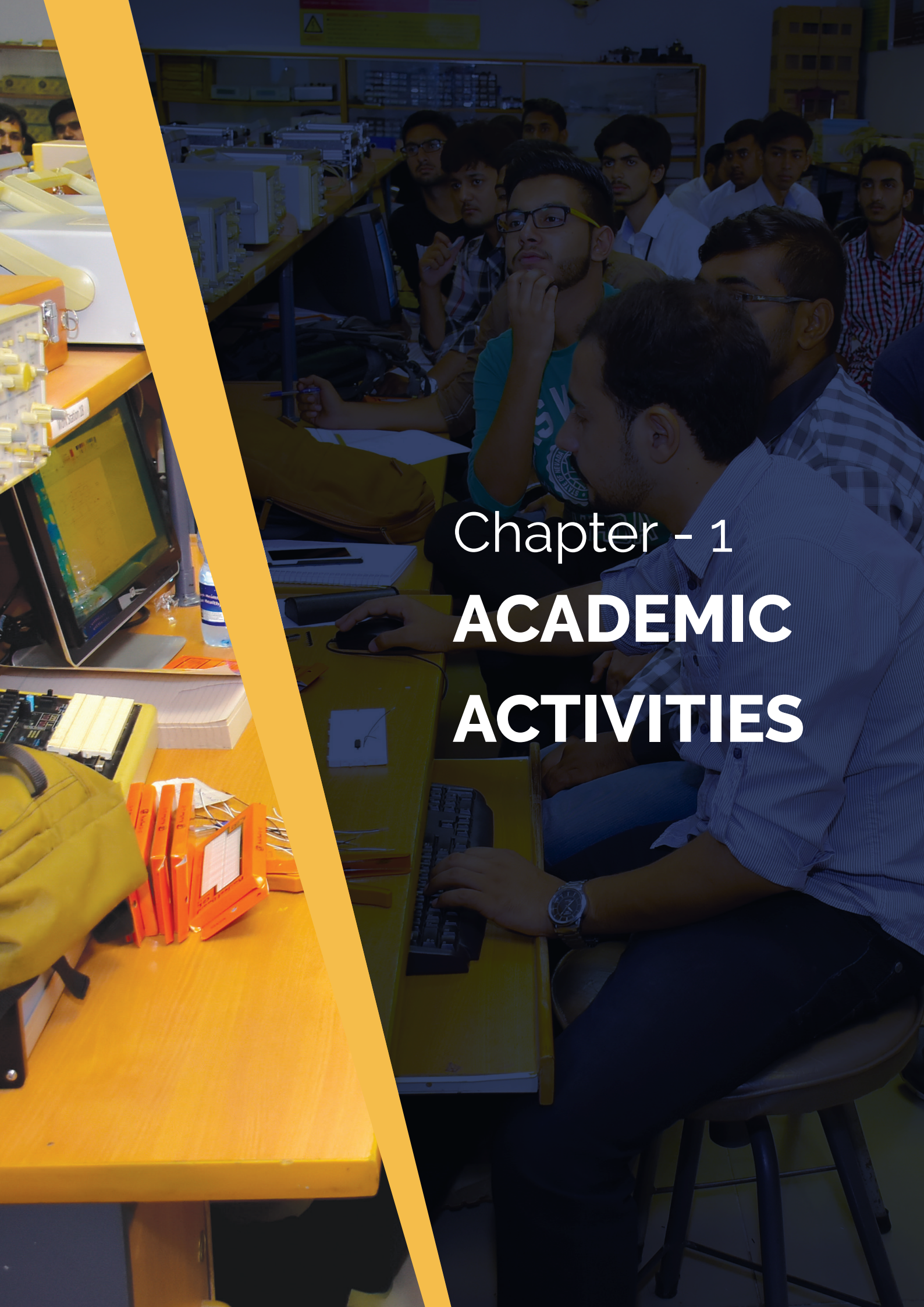
IMPROVING & ENSURING THE UNIVERSITY'S FINANCIAL SECURITY

The aim is to enhance existing income streams and develop diversified means of income generation for the financial sustainability of the university.



BAHRIA UNIVERSITY



A photograph of a group of male students in a computer lab, sitting at desks and looking at computer monitors. The image is dimly lit with a blue tint, and a large yellow diagonal stripe runs from the top left to the bottom right. Overlaid on the right side of the image is the text 'Chapter - 1' and 'ACADEMIC ACTIVITIES' in white.

Chapter - 1

ACADEMIC ACTIVITIES



Academic Programs

Undergraduate and Postgraduate Programs

Bahria University offered the following under graduate and postgraduate programs at its different campuses/ faculties during 2016-2017:

BUIC Fall 2016			
S#	Department	Program	Duration
1	Computer Engineering	BCE	4 Years
2	Computer Engineering	MS (CE)	2 Years
3	Computer Engineering	PHD [CE]	3 Years
4	Computer Science	BS (CS)	4 Years
5	Computer Science	BS (IT)	4 Years
6	Computer Science	MS (CS)	2 Years
7	Computer Science	MS (TELECOM-NW)	2 Years
8	Computer Science	PHD [CS]	3 Years
9	Earth & Environmental Sciences	BS (ES)	4 Years
10	Earth & Environmental Sciences	BS (GEO)	4 Years
11	Earth & Environmental Sciences	BS (GEO-PHY)	4 Years
12	Earth & Environmental Sciences	MS (EPM)	2 Years
13	Earth & Environmental Sciences	MS (ES)	2 Years
14	Earth & Environmental Sciences	MS (GEO)	2 Years
15	Earth & Environmental Sciences	MS (GEO-PHY)	2 Years
16	Earth & Environmental Sciences	PHD [GEO]	3 Years
17	Electrical Engineering	BEE	4 Years
18	Electrical Engineering	MS (EE)	2 Years
19	Electrical Engineering	PHD [EE]	3 Years
20	Humanities & Social Sciences	BSS	4 Years
21	Law	LLB	5 Years
22	Law	LLM	2 Years
23	Management Science	BBA	4 Years
24	Management Science	BS (A & F)	4 Years
25	Management Science	MBA (WEEKEND)	2 Years
26	Management Science	MBA[1.5]	1.5 Years
27	Management Science	MBA[2]	2 Years
28	Management Science	MBA[3.5]	3.5 Years
29	Management Science	MS (FINANCE)	1.5 Years
30	Management Science	MS (PM)	1.5 Years
31	Management Science	MS (SCM)	1.5 Years
32	Management Science	PHD [MS]	3 Years
33	Media Studies	BS (MEDIA STUDIES)	4 Years
34	Psychology	BS (PSYCHOLOGY)	4 Years
35	Psychology	MS (CLINICAL PSY)	2 Years
36	Software Engineering	BSE	4 Years
37	Software Engineering	MS (EM)	2 Years
38	Software Engineering	MS (SE)	2 Years
39	Software Engineering	PHD [SE]	3 Years

SPRING 2017			
S#	Department	Program	Duration
1	Computer Engineering	MS (CE)	2 Years
2	Computer Engineering	PHD [CE]	3 Years
3	Computer Science	BS (CS)	4 Years
4	Computer Science	BS (IT)	4 Years
5	Computer Science	MS (CS)	2 Years
6	Computer Science	MS (TELECOM-NW)	2 Years
7	Computer Science	PHD [CS]	3 Years
8	Earth & Environmental Sciences	BS (ES)	4 Years
9	Earth & Environmental Sciences	BS (GEO)	4 Years
10	Earth & Environmental Sciences	BS (GEO-PHY)	4 Years
11	Earth & Environmental Sciences	MS (ES)	2 Years
12	Earth & Environmental Sciences	MS (GEO)	2 Years
13	Electrical Engineering	MS (EE)	2 Years
14	Electrical Engineering	PHD [EE]	3 Years
15	Humanities & Social Sciences	BSS	4 Years
16	Humanities & Social Sciences	MS (IR)	2 Years
17	Law	LLB	5 Years
18	Management Science	BBA	4 Years
19	Management Science	BS (A & F)	4 Years
20	Management Science	M.PHIL [MS]	2 Years
21	Management Science	MBA (WEEKEND)	2 Years
22	Management Science	MBA (WEEKEND)[3.5]	3.5 Years
23	Management Science	MBA[1.5]	1.5 Years
24	Management Science	MBA[2]	2 Years
25	Management Science	MBA[3.5]	3.5 Years
26	Management Science	MS (FINANCE)	1.5 Years
27	Management Science	MS (PM)	1.5 Years
28	Management Science	MS (SCM)	1.5 Years
29	Management Science	PHD [MS]	3 Years
30	Media Studies	BS (MEDIA STUDIES)	4 Years
31	Media Studies	MS (MEDIA STUDIES)	2 Years
32	Psychology	PHD (PROFESSIONAL PSYCHOLOGY) CLINICAL PSYCHOLOGY	3 Years
33	Software Engineering	MS (EM)	2 Years
34	Software Engineering	MS (SE)	2 Years
35	Software Engineering	PHD [SE]	3 Years

SPRING 2017			
S#	Department	Program	Duration
1	Computer Science	BS (CS)	4 Years
2	Computer Science	BS (IT)	4 Years
3	Computer Science	MS (CS)	2 Years
4	Computer Science	PHD [CS]	3 Years
5	Earth&Environmental Sciences	BS (ES)	4 Years

6	Earth & Environmental Sciences	BS (GEO)	4 Years
7	Earth & Environmental Sciences	BS (GEO-PHY)	4 Years
8	Earth & Environmental Sciences	MS (ES)	2 Years
9	Earth & Environmental Sciences	MS (GEO)	2 Years
10	Earth & Environmental Sciences	MS (GEO-PHY)	2 Years
11	Earth & Environmental Sciences	PHD (ES)	3 Years
12	Earth & Environmental Sciences	PHD [GEO-PHY]	3 Years
13	Electrical Engineering	MS (EE)	2 Years
14	Electrical Engineering	PHD [EE]	3 Years
15	Management Science	BBA[4]	4 Years
16	Management Science	BS (A & F)	4 Years
17	Management Science	CERTIFICATE COURSES	4 Months
18	Management Science	M.PHIL [MS]	2 Years
19	Management Science	MBA (HEALTH MGT)[2]	2 Years
20	Management Science	MBA (PHARMA MGT)[2]	2 Years
21	Management Science	MBA (WEEKEND)[1.5]	1.5 Years
22	Management Science	MBA (WEEKEND)[2]	2 Years
23	Management Science	MBA (WEEKEND)[3.5]	3.5 Years
24	Management Science	MBA[1.5]	1.5 Years
25	Management Science	MBA[2]	2 Years
26	Management Science	MBA[3.5]	3.5 Years
27	Management Science	MS (FINANCE)	1.5 Years
28	Management Science	MS (PM)	1.5 Years
29	Management Science	PHD [MS]	3 Years
30	Media Studies	BS (MEDIA STUDIES)	4 Years
31	Software Engineering	MS (SE)	2 Years

BULC FALL 2016

S#	Department	Program	Duration
1	Computer Science	BS (CS)	4 Years
2	Computer Science	BS (IT)	4 Years
3	Computer Science	MS (CS)	2 Years
4	Management Science	BBA	4 Years
5	Management Science	MBA (WEEKEND)[2]	2 Years
6	Management Science	MBA[2]	2 Years
7	Management Science	MS (PM)	1.5 Years

SPRING 2017

S#	Department	Program	Duration
1	Computer Science	BS (CS)	4 Years
2	Computer Science	BS (IT)	4 Years

3	Computer Science	MS (CS)	2 Years
4	Management Science	BBA	4 Years
5	Management Science	MBA (WEEKEND)[2]	2 Years
6	Management Science	MBA[2]	2 Years
7	Management Science	MBA[3.5]	3.5 Years
8	Management Science	MS (PM)	1.5 Years

IPP FALL 2016

S#	Department	Program	Duration
1	IPP	BS (PSYCHOLOGY)	4 Years
2	IPP	M.PHIL[2]	2 Years
3	IPP	MS (CLINICAL PSY)	2 Years
4	IPP	PHD [PSYCHOLOGY][3]	3 Years

SPRING 2017

S#	Department	Program	Duration
1	IPP	BS (PSYCHOLOGY)	4 Years
2	IPP	M.PHIL[2]	2 Years
3	IPP	MS (CLINICAL PSY)	2 Years
4	IPP	PHD [PSYCHOLOGY][3]	3 Years

NCMPR FALL 2016

S#	Department	Program	Duration
1	NCMPR	DIPLOMA (SHIPPING MANAGEMENT) [6 MONTHS]	6 Months
2	NCMPR	EMBA[2]	2 Years
3	NCMPR	MBA (L & M)[1.5]	1.5 Years
4	NCMPR	MBA (L & M)[2]	2 Years
5	NCMPR	MBA (L & M)[3.5]	3.5 Years
6	NCMPR	PGD (LPM)[1]	1 Year

SPRING 2017

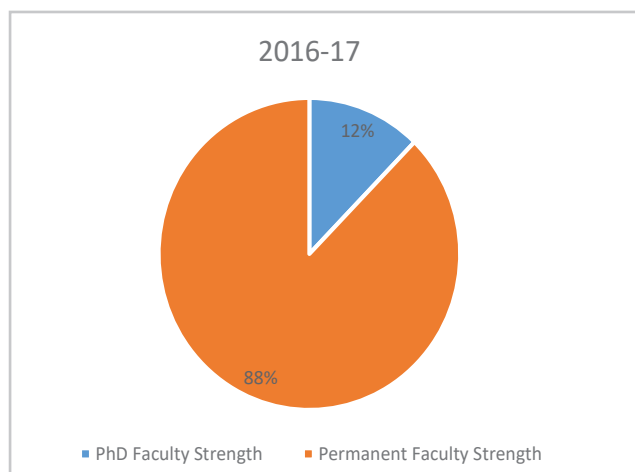
S#	Department	Program	Duration
1	NCMPR	CERTIFICATE COURSE IN MARITIME(4 MONTHS)	4 Months
2	NCMPR	EMBA[2]	2 Years
3	NCMPR	MBA (L & M)[2]	2 Years
4	NCMPR	PGD (LPM)[1]	1 Year



Faculty- (Year Wise – PhD and Permanent)

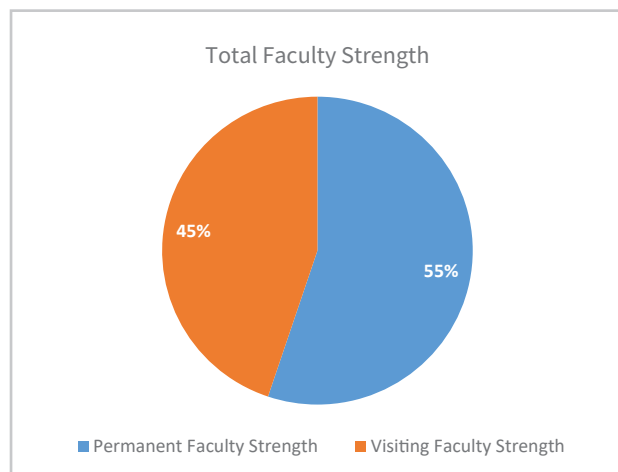
Faculty Strength

Year	PhD Faculty Strength	Permanent Faculty Strength
2016-17	95	679



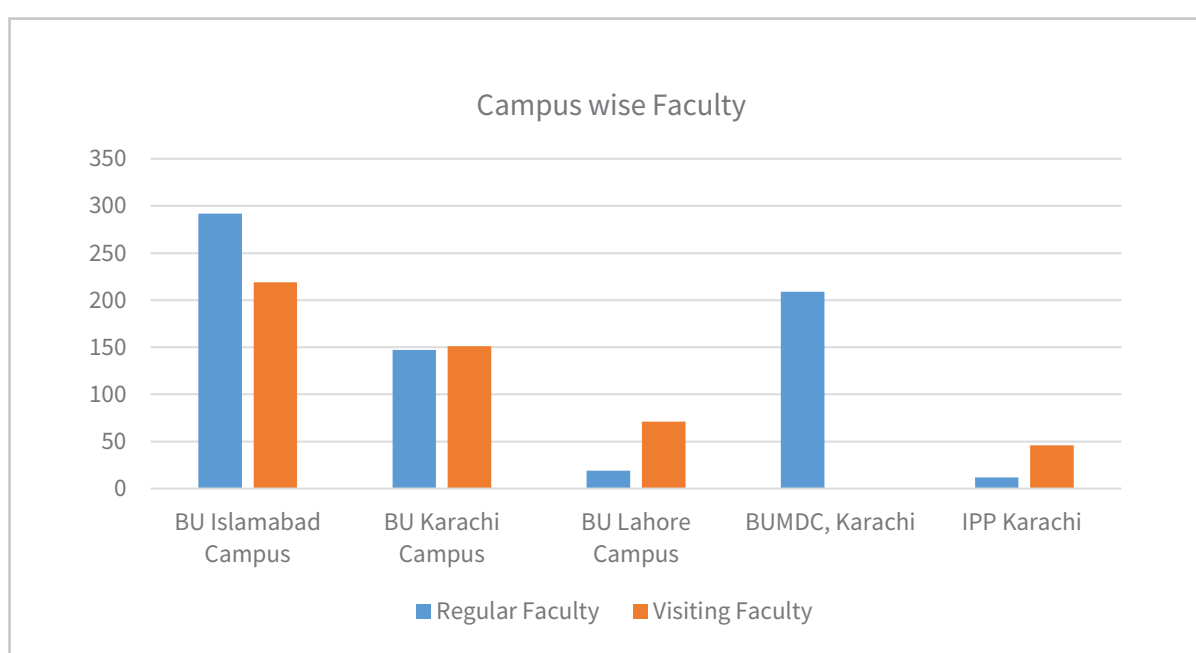
Total Faculty Strength

Permanent Faculty Strength	679
Visiting Faculty Strength	552



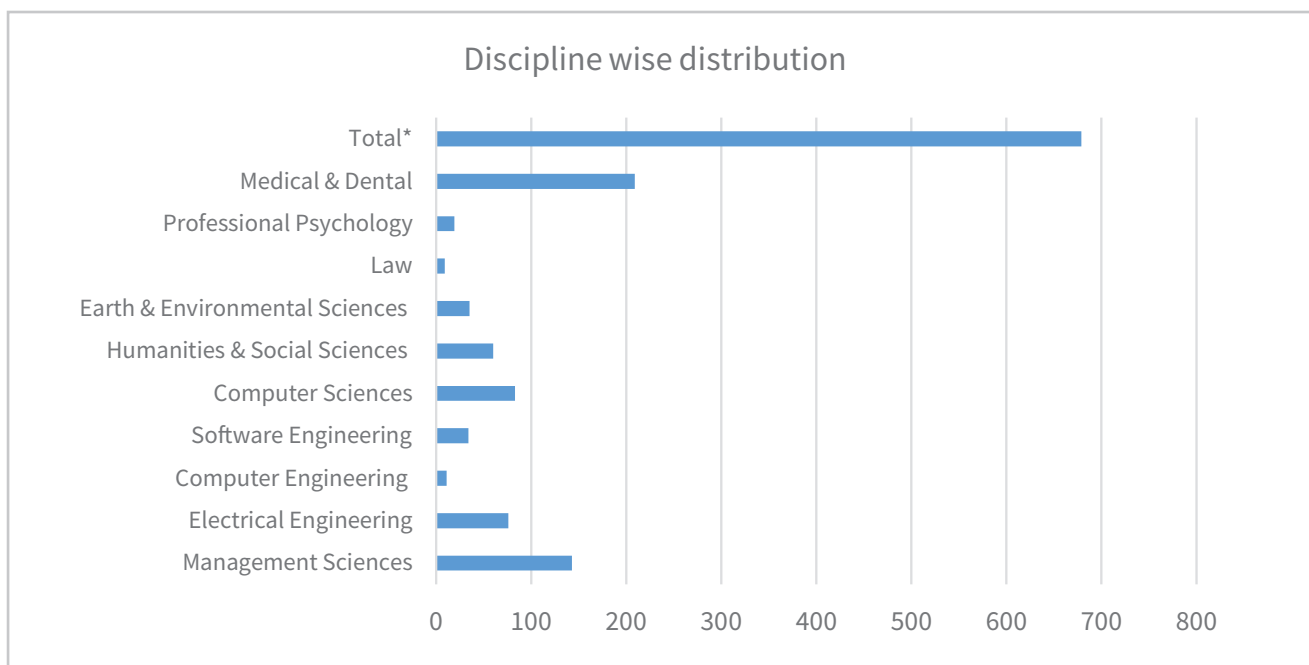
Campus wise Faculty

Campus	Regular Faculty	Visiting Faculty
BU Islamabad Campus	292	219
BU Karachi Campus	147	151
BU Lahore Campus	19	71
BUMDC, Karachi	209	0
IPP Karachi	12	46



Discipline wise distribution

Discipline	Faculty
Management Sciences	143
Electrical Engineering	76
Computer Engineering	11
Software Engineering	34
Computer Sciences	83
Humanities & Social Sciences	60
Earth & Environmental Sciences	35
Law	9
Professional Psychology	19
Medical & Dental	209
Total*	679

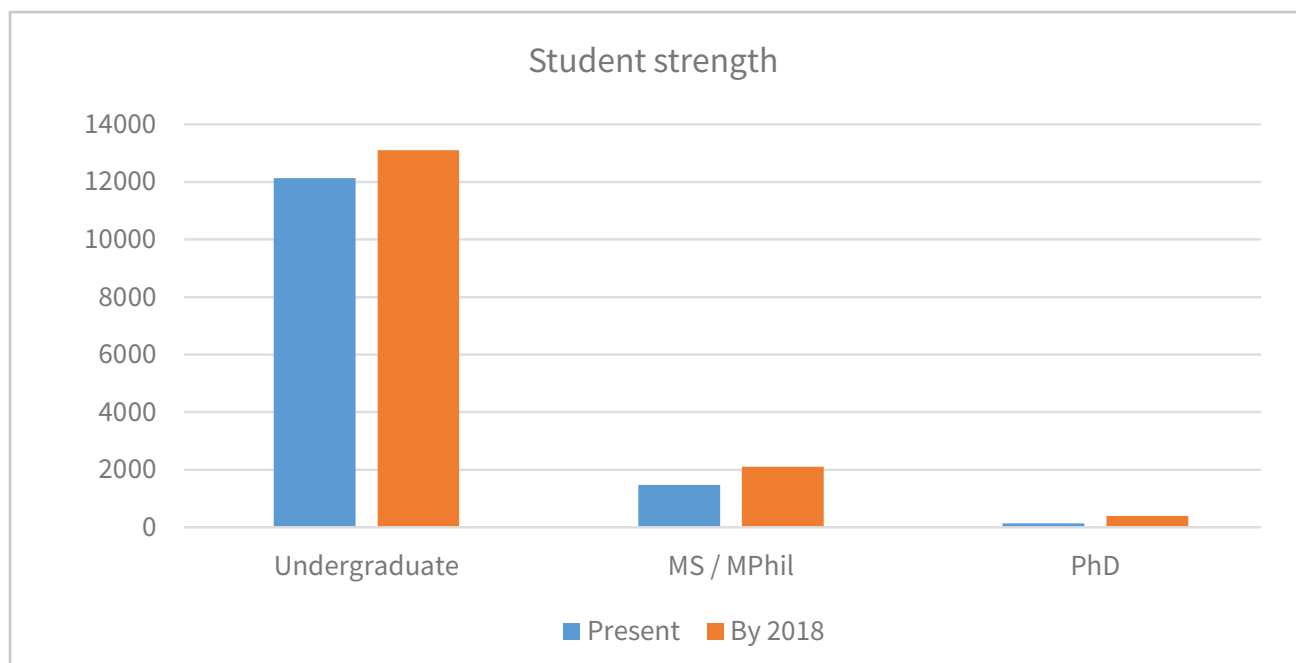


Students Strength

Students Category-Wise Strength

The present student strength is given below:

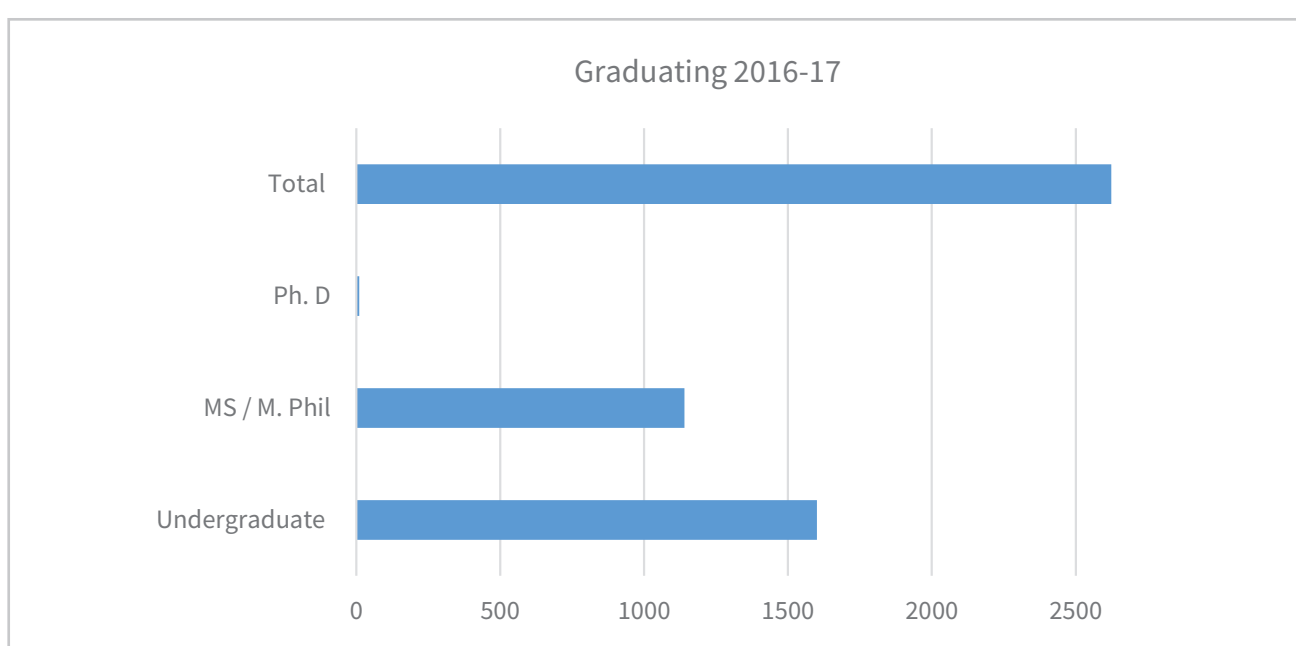
Category	Present	By 2018
Undergraduate	12130	13100
MS / MPhil	1466	2100
PhD	135	400



Academic Achievements

During 2016-17, total number of students completed their degrees in various undergraduate & postgraduate programs offered by BU. Details are as under:

Degree Program	Graduating 2016-17
Undergraduate	1601
MS / M. Phil	1140
Ph. D	2
Total	2624



Islamabad Campus	
Program	Final Transcript
B.S.S	89
BBA	224
BCE	33
BCS	2
BE (Electronics)	70
BS (ES)	29
BS Geology	73
BS Geophysics	67
BS(CS)	147
BSE	48
LLB	47
Undergraduate Output	829

Islamabad Campus	
Program	Final Transcript
M Phil (MS)	9
M Phil (SC-Anthropology)	4
MBA	278
MBA (Wkd)	20
MS (CP)	24
MS (CS)	13
MS (EE)	24
MS (EPM)	11
MS (ES)	2
MS (Finance)	33
MS (PM)	175
MS (SCM)	15
MS (SE)	35
MS (Telecom)	14
MS Geology	17
MS Geophysics	18
PhD (EE)	1
Graduate Output	693

Karachi Campus	
Program	Final Transcript
B.S.S	32
BBA	312
BCE	1
BE (ELECTRONICS)	54
BE (TELECOM)	4
BS Geophysics	17
BS(CS)	113
BSE	51
Total	584

Karachi Campus	
Program	Final Transcript
M Phil (MS)	2
MBA	167
MBA (HEALTH MGT)	6
MBA (Wkd)	94
MS (CS)	9
MS (EE)	12
MS (ES)	5
MS (FINANCE)	1
MS (PM)	45
MS (SE)	16
MS (TELECOM)	8
MS Geophysics	6
PhD (MS)	1
Total	372

Lahore Campus	
Program	Final Transcript
MBA	12
MS (PM)	47
Total	59

PN War College Lahore	
Program	Final Transcript
BSc(HONS) War Studies	2

PN School of Logistics	
Program	Final Transcript
BS (SCM)	6
Total	8

IPP	
Program	Final Transcript
BS Psychology	69
M.Phil	10
MS (CP)	8
PMDCP	2
Total	89

NCMPR	
Program	Final Transcript
Diploma (L&PM)	1
MBA (Mar)	1
PGD (L&PM)	1
Total	3

BUMDC	
Program	Final Transcript
Medical	93
Dental	26
Total	119

Honors and Awards

HIGH ACHIEVERS

STUDENT AWARDS



ARIFA NAUNEHAL SHAH (Fulbright cohort 2017)

ARIFA NAUNEHAL SHAH, student of BSS Development Studies has achieved Fulbright scholarship to start her Master in Public Policy at University of Michigan, United States. The Fulbright Masters and PhD Program funds graduate study in the United States for a Master's or Ph.D. degree. Funded by the United States Agency for International Development (USAID), these grants cover tuition, required textbooks, airfare, a living stipend, and health insurance. USEFP also assists with the visa process.

FATIMAH AMJAD (SUSI 2016)

Fatimah Amjad, student of Development Studies at humanities and Social Science department was among the finalist to attend susi public policy training in the US. The five to six-week Institute on Comparative Public Policymaking for Student Leaders from Pakistan was hosted by the University of Massachusetts Donahue Institute in Amherst, MA. The program brings together 30 Pakistani undergraduate students with up to 15 U.S. students to address issues of public policy and democracy in the United States and comparing U.S. policy with that of Pakistan.



Convocations

Fourth Convocation of Bahria University Medical and Dental College

The 4th Convocation of Bahria University Medical & Dental College, Karachi was held on 10th April 2017 to award degrees and celebrate the academic achievements of the medical students.

Mr. Muhammad Zubair, Governor Sindh adorned the occasion as chief guest and conferred degrees upon the graduating doctors. Honorable Rector Bahria University, Vice Admiral (R) Tanvir Faiz HI www(M), Director General, Vice Admiral (R) Tahseen Ullah Khan HI (M), Registrar Bahria University, Commodore (R) Muhammad Hisham, Dean Health Sciences, Prof. Dr. Asadullah Khan and acting Principal of Dental Section, Dr. Kulsoom Fatima Rizvi, along with Senior Naval Officers, Faculty Members, Parents and Graduating students attended the convocation.

Honorable Rector of Bahria University, Vice Admiral (R) Tanvir Faiz HI (M) welcomed and addressed the audience about the goals and vision of the University. He emphasized that BU thrives to impart quality education and ensures that the standards are at parity with world renown medical universities. We, at Bahria University Medical and Dental College bring innovations to achieve academic excellence and will continue to strive for growth and progress in the field of health education and research.

The Rector further elaborated that a dedicated, experienced and well qualified faculty is the pride of the Medical and Dental College who are kept updated by training and research at both national and international forums.

The chief guest of the occasion Governor Sindh, Mr. Muhammad Zubair congratulated and extended compliments to the graduates for their accomplishment, hard work and success in achieving this prestigious degrees. This momentous day is very precious for the young doctors when they will be entering into the world to practice what they have learnt. The Governor said that he appreciates the efforts of Bahria University Medical and Dental College for grooming and upgrading of the faculty as well as students.

The Governor advised the graduates to be of genuine character and serve humanity, without boundaries of race, religion and social status.

Dr. Hareem Alam, the best graduate of the batch was awarded gold medal and certificates of merit. Dr Uzma Khan stood second and awarded silver medal and certificates of merit.

Vice Admiral (R) Tanvir Faiz HI (M), Rector Bahria University presented a souvenir as a token of gratitude to Governor Sindh, Mr. Muhammad Zubair for gracing the occasion with his presence.

The Governor Sindh invited the students and their parents who were awarded Gold and Silver medals along with the Honorable Rector, Director General, Principals and Vice Principals of BUMDC for dinner at the Governor House where the students were given handsome cash awards for their academic achievements.



17th Convocation Ceremony

Bahria University Islamabad Campus held its 17th Convocation ceremony on May 3rd 2017 at Jinnah Convention Center Islamabad. Mr. Muhammad Baligh Ur Rehman Minister of Federal Education, graced the event as the chief guest. A total of six hundred and eight students from various disciplines were awarded graduate and undergraduate degrees. For their exceptional achievements during their course of studies students were also awarded with gold and silver medals.

Mr. Muhammad Baligh Ur Rehman while addressing the ceremony congratulated the students for their splendid success and lauded Bahria University Islamabad Campus for providing exceptional knowledge skills to the students. He also congratulated the proud parents and appreciated the role of Bahria University for contributing in strengthening human resource of the country. Mr. Rehman appreciated the graduating students for their hard work and advised them to be original, creative and urged the academia to contribute something of value to the society.

Earlier in his welcome address Rector Bahria University, Vice Admiral (R) Tanveer Faiz HI (M) expressed his gratitude to Mr. Baligh Ur Rehman for his presence as the chief guest in the convocation. He congratulated the students and appreciated the efforts of Bahria University to equip students with the necessary professional and interpersonal skills for their grooming. He encouraged the graduating students asked them to maintain their confidence and remain abreast with the latest developments of their professional life.

The event was attended by a large number of students, parents and faculty members along with other dignitaries. In the end Rector Bahria University wished the students a prosperous future and congratulated the students who achieved medals for their outstanding performance.

White Coat Ceremony

White Coat Ceremony marks Day One of the medical students, this event took place on 15th December 2016. This ceremony marks the most memorable day for the students as they are embarking on a difficult journey of becoming a doctor and health care provider.

The ceremony started with narration of Bahria University Medical and Dental College's brief history along with the display of a short movie of the college activities.

After the arrival of the chief guest Vice Admiral Tahseen Ullah Khan HI (M), Principal and Dean Health Sciences Prof Dr. Asad Ullah Khan gave a welcome address. He welcomed the students and parents and introduced the faculty and facilities of the college. The honorable chief guest was invited to address the audience, he congratulated the students and their parents for being admitted in Bahria University Medical & Dental College. He also emphasized about the strict rules and regulations of the College especially their attendance.

This was followed by a presentation of "Learning in BUMDC" by the Vice Principal Prof Dr. Ambreen Usmani who gave an overall view of the curriculum, teaching strategies, examination system, discipline and what we expect from them.

This was followed by the distribution of white coats on the stage to the students, each student was called by name and given a white coat by faculty members which symbolizes the commencement of becoming a doctor. The ceremony ended with the National Anthem and refreshments were served. Then the students were asked to come back to the auditorium for "SIGN IN CEREMONY" which is a tradition of this college since its inception. The students are required to write a few words and sign the beautiful leather coated book, along with this a photograph is taken with both parents on either side of their child with pride

Medal Winners

List For Award Of Medals- 17th Convocation of Islamabad Campus

Reg #	Name	Medal Awarded
Fall Semester 2012 (BCE)		
32150	NOUMAN	GOLD
32161	ZAHEER ABBAS	SILVER
Fall Semester 2012 (BEE)		
31993	AFTAB AHMED	GOLD
31997	ALMAS ARSHAD	SILVER
Fall Semester 2012 (BSE)		
31246	SAMIAH SIDDIQI	GOLD
32100	MUHAMMAD FAIZAN	SILVER
Fall Semester 2012 (BS (CS))		
31890	MARYAM BIBI	GOLD
31942	SUMBAL KHAN	SILVER
Fall Semester 2012 BS (Geophysics)		
31756	KHADIJA ATHAR	GOLD
31758	MIFRAH AFTAB	SILVER
Fall Semester 2012 BS (Geology)		
31828	UZAIR SAFI	GOLD
31829	WAQAS JAVAID	SILVER
Fall Semester 2012 BS (ES)		
31843	NAYAB ABEER	GOLD
31844	NUSAIBA KHUBAIB	SILVER
Fall Semester 2012 BBA		
31622	YUSRA SUHAIL KHAN	GOLD
31633	SAQIB TARIQ	SILVER
Fall Semester 2012 BSS		
32480	ZAID BIN INAM	GOLD
Fall Semester 2011 LLB		
25904	VERDAH ATEEQ	GOLD

Spring Semester 2015 (MBA 1.5 YEARS)		
25824	TANIA SALEEM	GOLD
20624	MUHAMMAD SUHAIB	SILVER
Fall Semester 2014 (MBA 2 YEARS)		
28492	UBAID ULLAH KHAN	GOLD
28491	RIMSHA ASLAM	SILVER
Spring Semester 2013 MBA 3.5 YEARS		
34157	MUHAMMAD TAHSEEN KHAN	GOLD
34164	SAMEER HASSAN	SILVER
Spring Semester 2015 MS (PM) 1.5 YEARS		
40104	MOHSIN ALI KHAN	GOLD
40015	NUSRAT ULLAH	SILVER
Fall Semester 2014 M Phil (MS) 2 YEARS		
36972	ASMA MASOOD	GOLD
13317	KASHIF ABRAR	SILVER
Fall Semester 2014 MS (SE) 2 YEARS		
22045	MUZNA ZAFAR	GOLD
38514	SIDRA SIDDIQUI	SILVER
Fall Semester 2014 MS (T&N) 2 YEARS		
38523	FAISAL HUSNAIN BOKHARI	GOLD
Fall Semester 2014 MS (EE) 2 YEARS		
38489	JAVARIA MAJID	GOLD
10060	MUHAMMAD YASEEN	SILVER
Fall Semester 2014 MS (CP) 2 YEARS		
38455	QURAT UL AIN	GOLD
38440	ASMA ASLAM	SILVER
Fall Semester 2014 MS (Geophysics) 2 YEARS		
21855	FURQAN AFTAB	GOLD
Fall Semester 2014 MS (Geology) 2 YEARS		
38468	ADEEB AHMED	GOLD

List For Award of Medals- 18th Convocation of Islamabad Campus

Reg #	Name	Medal Awarded
Spring Semester 2013 BBA		
34042	NABEELA ABID	GOLD
34087	MAHAM FATIMA	SILVER
Spring Semester 2013 BS (CS)		
34710	MARIUM FAYYAZ	GOLD
34661	MUHAMMADFAHAD MINHAS	SILVER
Spring Semester 2013 BSS		
34357	MUHAMMAD ZARRAR SAEED	GOLD
34347	MISAAL SHAHZAD	SILVER

Spring Semester 2013 BS (Geophysics)		
34471	ALINA HAYDER	GOLD
Spring Semester 2013 BS (Geology)		
34603	ZOYA ABBAS ZAIDI	GOLD
Spring Semester 2013 BS (ES)		
34453	ZAINAB BALQEES	GOLD
Spring Semester 2012 LLB		
29465	AYESHA MAHSUD	GOLD
29491	SARMAD FARAZ ABBASI	SILVER

List for Award of Medals- 18th Convocation of Islamabad Campus

Reg #	Name	Medal Awarded
Fall Semester 2013 MBA (3.5 Year)		
33966	ASIF ALI	GOLD
33973	GHULAM QADIR AWAN	SILVER
Spring Semester 2015 MBA (2 Year)		
39949	KASHMALA SHAHID	GOLD
39974	MUHAMMAD ABDUL QUDDUS	SILVER
Fall Semester 2015 MBA (1.5 Year)		
22725	MAIMOONA JUNAID	GOLD
26777	MISHAL TAHIR	SILVER
Fall Semester 2015 MS (PM) (1.5 Year)		
43349	SHAYAN HYDER	GOLD
43324	MEHAK ALI	SILVER
Fall Semester 2015 MS (Finance) (1.5 Year)		
43068	ATIF AZHAR	GOLD

Fall Semester 2015 MS (SCM) (1.5 Year)		
43194	MUHAMMAD WAQAS	GOLD
8235	OMAR BIN NAJEEB	SILVER
Spring Semester 2015 MS (EE) (02 Year)		
39407	ANSAR-UL-HAQ	GOLD
40297	ZABEEH ULLAH	SILVER
Spring Semester 2015 MS (CS) (02 Year)		
39406	TALBIA JAMIL	GOLD
Spring Semester 2015 MS (SE) (02 Year)		
39442	MUHAMMAD RAEES	GOLD
21975	SUMAIRA SHAFIQ	SILVER
Spring Semester 2015 MS (T&N) (02 Year)		
39426	HAMZA IQBAL	GOLD
39429	MUHAMMAD SAJEEL	SILVER

List For Award of Medals- 13th Convocation of Karachi Campus

Reg #	Name	Medal Awarded
Fall Semester 2011 (BBA)		
25251	SHAHTAJ BANO	GOLD
28618	WAFI ZAFAR	SILVER
Fall Semester 2011 (BEE)		
25408	MUHAMMAD ASIM ARSHAD	GOLD
25360	GHUFRAN ABBAS	SILVER
Fall Semester 2011 (BSE)		
25541	PIREH PIRZADA	GOLD
25566	SYED AHMED HASSAN BUKHARI	SILVER
Fall Semester 2011 BS(CS)		
25575	AMIN MOTIWALA	GOLD
25602	MUHAMMAD HASSAN NASIR	SILVER
Spring Semester 2012 (BBA)		
29931	HAUSA AGHA	GOLD
28817	RIMSHA MEHTAB	SILVER
Spring Semester 2012 (BSS)		
28909	YUMNAH SAJJAD KHRBEY	GOLD
28910	ZEENAT	SILVER
Spring Semester 2012 MBA (3.5 Years)		
29084	SYED MUHAMMAD UBAID ALAVI	GOLD
29093	MEHWISH SARFARAZ CHOWDRI	SILVER
Spring Semester 2012 BS(CS)		
29052	SANIA RASHEED	GOLD
28941	HUBAB KHALID KHAN	SILVER
Spring Semester 2012 BS(Geophysics)		
29026	M. IMRAN HAFEEZ ABBASI	GOLD
Fall Semester 2012 MBA (3.5 Years)		
31372	MEHAK MIRZA	GOLD
31371	FARIYA SALEEM	SILVER

Fall Semester 2013 MBA (2 Years)		
35362	RUBAB ZEHRA	GOLD
35356	FAIZA MUMTAZ	SILVER
Fall Semester 2013 MS(SE)		
35967	ASIF ALI	GOLD
Fall Semester 2013 MS(EE)		
35976	SYED MUHAMMAD ALI	GOLD
9249	SAJID MEHMOOD	SILVER
Spring Semester 2014 MBA (2 Years)		
36711	TAHREEM QURESHI	GOLD
36705	AMEENA TARIQ	SILVER
Spring Semester 2014 MBA (1.5 Years)		
20182	KOMAL AZIZ MEMON	GOLD
20280	SYEDA YUMNA JABEEN	SILVER
Spring Semester 2014 MS(T&N)		
36800	MUHAMMAD TARIQ HAMEED	GOLD
Spring Semester 2014 MS(SE)		
36807	FAIZA SABIR	GOLD
13256	SHERMEEN	SILVER
Spring Semester 2014 MS(EE)		
36805	SAQIB ANWER	GOLD
Spring Semester 2014 MS(CS)		
36796	HUMA TABASSUM	GOLD
Fall Semester 2014 MBA(1.5 Years)		
22678	SARAH TARIQ	GOLD
22671	SAIRA LAKHANI	SILVER
Fall Semester 2014 MS(PM)		
18777	TARIQ JAVAID	GOLD
28311	ALIFIYA	SILVER
Fall Semester 2011 BS(Psychology)		
27060	SAWRAT AZIZ	GOLD

27058	SARA ISMAIL	SILVER
Spring Semester 2012 BS(Psychology)		
29224	MOHAMMED ZAIN WASEEM	GOLD
29244	ZAINAB ALI	SILVER
Fall Semester 2013 M. Phil (Professional Psychology)		
19719	AMBREEN ASHRAF	GOLD
19711	HAUSA KHALID	SILVER
Spring Semester 2012 MBA (WE) 3.5 Years		
29969	NIDA AHMED FARID	GOLD
Summer Semester 2012 MBA (WE) 3.5 Years		
30568	SAMI ABID	GOLD

Summer Semester 2013 MBA (WE) 2 Years		
35003	MAHAM ZEESHAN	GOLD
35001	HAMDA SAMI KHAN	SILVER
Spring Semester 2014 MBA (WE) 1.5 Years		
20130	AYESHA SALEEM	GOLD
Spring Semester 2014 MBA (WE) 2 Years		
18673	SIDRA ASHFAQ	GOLD
Summer Semester 2014 MBA (WE) 1.5 Year		
22586	MARIA SAEED	GOLD
22565	JAMILA MAJID	SILVER
Fall Semester 2014 MBA (WE) 1.5 Year		
14326	MOHSIN ALI MAROOF	GOLD
8178	MUHAMMAD TAYYAB AHSAN	SILVER

List for Award of Medals- 14th Convocation of Karachi Campus

Reg #	Name	Medal Awarded
FALL 2012 BBA		
30786	KAJAL PARKASH	GOLD
30726	ANUM AFZAL KHAN	SILVER
FALL 2012 BEE		
31050	SYED WAQAS HUSSAIN SHAH	GOLD
30993	M SAAD QADEER	SILVER
FALL 2012 BSE		
31222	MUHAMMAD FAISAL	GOLD
31202	FAIZAN KHAN	SILVER
FALL 2012 BS(CS)		
31155	SOBIA NOREEN BAJWA	GOLD
31107	IQRA UBAID	SILVER
FALL 2012 BSS)		
31356	KOONJ ALTAF	GOLD
31349	AFSHAN ZAHRA	SILVER
31350	AISHA ARSHAD	SILVER

SPRING 2013 BBA		
32523	AMNA JAWAID	GOLD
32619	NOOR-UL-AIN SAEED	SILVER
SPRING 2013 BSS		
32836	RUBBIYA QUDDUS	GOLD
32842	ZAINAB BENAZIR	SILVER
SPRING 2013 MBA 3.5 Years		
32894	RABIA BAHADURDIN	GOLD
32891	MOMAL IKRAM	SILVER
SPRING 2013 BS(CS)		
32724	AINSIA SHABBIR	GOLD
32745	KASHIFA SAJJAD	SILVER
SPRING 2013 BS (Geophysics)		
32866	OSAMA BIN RAEES	GOLD
SPRING 2013 MBA 3.5 Years		
32940	MUHAMMAD MANSOOR	GOLD

FALL 2013 MBA 3.5 Years		
35348	NIDA FEROZE	GOLD
35347	MUZNA ZAHID	SILVER
FALL 2013 MBA 3.5 Years		
32956	DEVYA	GOLD
32958	ANUM BAIG	SILVER
SUMMER 2014 MBA 2 Years		
28516	RIDA AKHTAR	GOLD
SUMMER 2014 MBA (HM) 2 Years		
28513	MUNAZA BIBI	GOLD
FALL 2014 MBA 2 Years		
27370	SEHRISH JAVAID	GOLD
FALL 2014 MBA 2 Years		
24345	FAHAD SALEEM	GOLD
FALL 2014 MS (SE) 2 Years		
14476	AMMARAH KHALID	GOLD
27160	AHSAN ALI SIDDIQUI	SILVER
FALL 2014 MS (EE) 2 Years		
27503	JAWAD ZUBAIR	GOLD
27520	AHSAN RASHID KHAN	SILVER
FALL 2014 MS(CS) 2 Years		
22771	USHNA ASIF	GOLD
27555	TOOBA MEHTAB	SILVER
FALL 2014 MS (Geophysics) 2 Years		
19986	ERUM SANA	GOLD
SPRING 2015 MS(PM)1.5 Years		
40229	FAHIM MUHAMMAD KHAN	GOLD
40231	S. IMRAN SHAMIM AHMED	SILVER
SPRING 2015 MBA 2 Years		
39340	SADIA	GOLD
39339	RABIA AHMAD	SILVER
SPRING 2015 MBA 1.5 Years		
23062	HIRA HAIDER	GOLD
22716	YAMNA MUKRY	SILVER
SPRING 2015 MBA 1.5 Years		
15692	YUSRA HUSSAIN	GOLD

14139	GOHAR ABBAS	SILVER
SPRING 2015 MS (T&N) 2 Years		
39397	SABEEN AKHTAR	GOLD
39395	HASSAAN MIRZA	SILVER
SPRING 2015 MS (EE) 2 Years		
19325	SAIMA AMAN	GOLD
SPRING 2015 MS (CS) 2 Years		
39391	SADIA AZIZ	GOLD
39389	MUHAMMAD FAIZAN TAHIR	SILVER
SPRING 2015 MS (ES) 2 Years		
39384	MUHAMMAD TASAEEEN	GOLD
SUMMER 2015 MBA 1.5 Years		
23837	AYMAN MOTEN	GOLD
20208	MUHAMMAD ASIF	SILVER
FALL 2015 MS (PM) 1.5 Years		
41431	TARONISH BAMJI	GOLD
41427	SALMAN AHMED KHAN	SILVER
FALL 2015 MBA 1.5 Years		
25221	SABA	GOLD
23845	DAWOOD GEORGE	SILVER
FALL 2015 MBA 1.5 Years		
25205	RABEL PERSONAL	GOLD
25256	SIDRA AKHTER	SILVER
FALL 2012 BS Psychology 4 Years		
31334	SHAHROZE SUZUKI	GOLD
31305	DUAA DEHRAJ	SILVER
SPRING 2013 BS Psychology 4 Years		
33018	HIRA AJAZ	GOLD
33042	RIDA ASIF	SILVER
FALL 2014 M. Phil Psychology 2 Years		
38603	BUSHRA TAUSEEF	GOLD
FALL 2014 MS (CP) 2 Years		
21038	RIMSHA TANVEER	GOLD
38606	MAHNOOR SHAIKH	SILVER

Multidisciplinary PhD Research Conference

Management Sciences Department, Bahria University Islamabad Campus arranged the first National Multidisciplinary PhD Research Conference on 18th -19th April' 2017. The conference was organized by Dr. Taqadus Bashir and Dr. Farrukh Jaleel under the supervision of H.O.D Management Sciences and the conference Chair Dr. Ali Saeed.

Research areas for the conference included Management, Human Resource, Accounting and Finance, Marketing, Economics, Project Management, Disaster Management, Waste Management, knowledge Management, Behavioral Sciences, Entrepreneurship, Sociology, Anthropology, Technology Management, Environment Management, Education, Engineering Management and other relevant fields.

The aim of the conference was to gather professionals from the corporate sector and seasoned academicians to share and discuss new research paradigms. The conference also aimed to encourage PhD scholars, Faculty members and students from various fields to participate in research endeavors.

It brought together esteemed Academicians; Prof. Dr. Masoom Yasinzaï, Rector Islamic International University Islamabad, Rear Admiral (R) Shahid Saeed HI(M), Pro Rector Bahria University, Dr. Najam-ul-Islam, Dean Engineering Sciences, along with Vice President, Muslim Commercial Bank, Mr. Zahid Hussain honored the opening ceremony with their presence and addresses to the audience.

The Conference was organized, having various parallel sessions. Day one included sessions on Management, Human Resource, Project Management and Finance. Session Chairs and Co-Chairs were invited from



different Universities and sessions were convened by Bahria University's faculty members. Day two included sessions on Human Resource, Project Management, Marketing and Finance. The sessions were provided great insight to avenues of research along with the suggestions and appreciation from the session chairs and audience.

A discussant Resolution session was held in the VLC, Chaired by Honorable Prof. Dr. Javed Ashraf, Vice Chancellor Quaid-e-Azam University Islamabad. In the Resolution Session the Respected Academicians who evaluated, commented and gave suggestions on research papers from various streams consisting of faculty from BU and other renowned universities. Discussion on future agenda was carried out including Line of action for future Conferences, Knowledge Economy: Sharing and Improvement, Industrial outreach, Social Integration and Identification of stakeholders and Networking.

The conference was declared closed by Commodore (R) Hassan Mustafa SI(M), Director Campus, Bahria University Islamabad campus. Honourable guests, Prof. Dr. Javed Ashraf, Vice Chancellor Quaid-e-Azam



University, Prof. Aman Ullah, Dean Management Sciences Ripah International University and Dr. Faisal Aftab, Director ORIC, Bahria University were presented shields as a token of gratitude. The presenters in each session were also given shields and certificates for their Participation. The success of the conference has proved that this is just the start of the era where faculty and students show interest in Research to widen their learning and teaching horizons.

and trade in fixed investments. Such activities not only are a source of exposure but also provide a platform to enhance the skills and abilities. One of the core objectives of the course was to enable faculty members to develop frameworks needed to successfully analyze and manage investments and trading and to help them design interventions that drive their investments to success.



Fixed Income Investment and Trading Certification Course

The Fixed Income Investment and Trading Certification Course was conducted by the USAID & Financial Market Development Activity (FMD) and Institute of Financial Markets of Pakistan (IFMP) at Bahria University, Islamabad on 9th March' 2017. Faculty members from the Department of Management Sciences attended the course as participants.

With its emphasis on developing practical skills for trading, investment and risk management, the training aimed at building upon the existing knowledge of the fixed income markets to give participants the skills to compete in the global marketplace. It developed a broad and in-depth knowledge of the key fixed income instruments and markets. Throughout the training there were many exercises which tested and assessed the participants' knowledge, examining scenarios which will equip participants with practical skills in their day-to-day business activity. The training aimed at enlightening the faculty about how to invest

Debate Competition: Individualism vs Collectivism

The use of debating to deal with complex ideas and competing advocacy is emerging as a successful educational tool. While long recognized as an important part of government affairs, academic deliberations, negotiations, philosophy and citizenship, Faculty members at the department of Management Sciences also believe in its significance.

Ms. Gul-e-Nayab, faculty member at the Department of Management Sciences arranged a debating competition among the students of Masters of Business Administration on the 24th of March' 2017. The event was designed keeping in view the purpose of using debates as a form of communication which can train students in critical thinking and creativity in ways which will be important for their success in the information age today. The students debated their opposing views on Individualism vs Collectivism. The event was also honored by DG Campus Mr. Shahid Saeed, Cdr. Ikram Khokhar and Cdr. Shahid Nawaz as judges, while faculty members also attended the event to boost the morale of the students in the competition.

Recognizing & Shaping Opportunities in the Entrepreneurial World



Ms. Madiha Pervez, Assistant Professor of Entrepreneurship & Innovation Management at NUST Business School was invited at Bahria University, Islamabad by Ms. Amna Yameen to deliver a seminar on Recognizing & Shaping Opportunities in the Entrepreneurial World on 27th March' 2017.

Ms. Pervez, has strong business analytical skills to assess internal innovation process through market research, identify solutions, develop capabilities and implement technology. She has a special focus on innovation and new product development.

Through her session, she helped students understand that how savvy entrepreneurs have an eye for realizing an idea and have the ability to capitalize upon it in a timely fashion. The session also emphasized importance of product-customer fit in successful ventures. The examples encompassed both corporate members (intrapreneurs) and venture creators (entrepreneurs).

Seminar on Role of Security and Exchange Commission of Pakistan

Mr. Murtaza, Director SECP, was invited to Bahria University Islamabad on 31ST March' 2017, to deliver a seminar on the Role of Security and Exchange

Commission of Pakistan. Accounting and Finance Cluster faculty members; Ms. Saher Zeest, Mr. Osman Bin Saif, Mr. Abdullah Hafeez and Ms. Nida Aman helped make the event successful by encouraging the students to attend and participate in the seminar in order to enhance their knowledge and link their theoretical concepts to Practical Knowledge. The seminar clarified that The Securities and Exchange Commission of Pakistan (SECP) is the financial regulatory agency in Pakistan whose objective is to develop a modern and efficient corporate sector and a capital market based on sound regulatory principles, in order to encourage investment and foster economic growth and prosperity in Pakistan

Flip Class Teaching and Managing methods

A workshop on the Flip Class Teaching and Managing methods was conducted on the 6th of April' 2017 at Bahria University Islamabad Campus via the Video Link Conference. The workshop was designed for all the faculty members teaching flipped classrooms. Mr. Zahid Majeed Senior Assistant Professor and Cluster Head (HR) at the department of Management Sciences conducted the workshop. Dean MS including a large number of faculty members from Karachi, Lahore and Islamabad campuses attended the presentation. The main goal of this session was to put forth the type of activities one can conduct using a flipped methodology. It also reinforced that a flipped classroom is to enhance student learning and achievement by reversing the traditional model of a classroom, focusing class time on student understanding rather than on lecture. This allows class time to be devoted to expanding on and mastering the material through collaborative learning exercises, projects, and discussions.

The Importance of CPEC Projects

The strategic ties between Pakistan and China have been on an upward trajectory with moved thrust on economic interaction after the initiation of China Pakistan Economic Corridor (CPEC) project. CPEC is a revolution in the field of economics. This multi-dimensional project has opened Pakistan's rebalancing options from geopolitics to geo-economics.

However, in Pakistan, the significance of the China-Pakistan Economic Corridor (CPEC) is poorly understood. To make the students understand the dynamics of CPEC, under the Supervision of Mr. Zahid Majeed, Senior Assistant Professor, at the department of Management sciences the Project Management classes were taken to Planning Commission of Pakistan on 14th of April.



The visit included a presentation on Importance of China-Pakistan Economic Corridor projects for Pakistan. Capt (R) Hassan Daud, speaker for the session, is Deputy Director CPEC who is dealing with projects under CPEC. His detailed presentation facilitated the students to understand the importance of project for Pakistan being undertaken in the umbrella of CPEC. Question answer session clarified queries of students.

Seminar on The Importance of Human Resource Management in the corporate world

Mr. Hassan Raza (Executive Director), Honda Centre, Islamabad was invited as a guest speaker for a seminar on the Importance of Human

Resource Management in the corporate world on 20th April' 2017. This Guest Speaker session assuredly gave insight and practical knowledge on the subject to the students of HRM and their interaction with the corporate experts would definitely inspire them towards success. The main focus is to bridge the gap between what the students learn in classrooms and what is really practiced in the corporate world. Apart from the professional knowledge, the students also learn official correspondence and the file work while processing the entire case for getting approval through the competent authorities.

Startup talks for Entrepreneurship

Entrepreneurial ventures, if successful, their innovations may improve our standard of living. In short, in addition to creating wealth from their entrepreneurial ventures, they also create jobs and the conditions for a prosperous society. The following are six reasons why entrepreneurs are important to the economy. Mr. Salman Ali Khan, Cluster Head (Marketing), took the students of the Management sciences department to the Rawalpindi Chamber of Commerce and Industry (RCCI) on the 19th of April' 2017. The purpose of the session was to encourage the students in the field of entrepreneurship through learning from experienced personnel, interaction, idea generation and collaboration. The session focused on Entrepreneurship talks primarily on How to start your business efficiently. These sessions allow students to engage in brain storming activities that involve idea generation and innovative thinking.



Seminar on “DREAM MANAGEMENT”

“Imagination is more important than knowledge. For while knowledge defines all we currently know and understand, imagination points to all us might yet discover and create”. Dreams is different dimension to be viewed from new approach. It is a proposed mechanism for developing thinking process and cognitive function emulous to popular business life-cycles.

Taking “Dreaming” as a new management paradigm and its role in human, business and social development is of increasing concern. Human Resources Forum Islamabad Chapter organized a seminar on “DREAM MANAGEMENT” Taking Dreaming as a new management paradigm and its role in human, business and social development on 30th March 2017 at NIBAF, Islamabad. The seminar was attended by Mr. Zahid Majeed, Senior Assistant Professor and Cluster Head (HR) along with the students of the management sciences department. The seminar was conducted by Mr. Adil Kazi, a seasoned industry veteran, who has served in multiple senior executive management positions and challenging cross-functional leadership roles in PTCL and Ministry of Science and Technology.



Furthermore, he has more than 16 years of teaching experience as faculty at renowned universities, presently serving as AP/Professor of Practice at FAST-NU, Islamabad. Mr. Kazi has also been a consultant to number of national & multinational organizations as an ERP/ Business Information Systems and Management professional.

Orientation of freshmen

The Department of Management Sciences, Bahria University Islamabad held an orientation session for the freshmen on 1st February 2017. Students inducted for the Spring 2017 intake at the University for the BBA, MBA and MS programs had been invited to attend the session.

The orientation commenced with verses from the Holy Quran followed by words of advice and encouragement from the Pro-Rector/ DG-Campus and Director Campus. Following these addresses, students were informed about the university rules and regulations regarding conduct, discipline, security, scholarships, exchange programs and opportunities. The session after refreshments involved the departmental rules and identification of key personnel and finally the event ended on a campus tour where students were shown classrooms, library and labs.

Qirat, Naat and Speech Competition 2016

On the holy occasion of 12 Rabiul Awal, Qirat, Naat and Speech Competition was held at Bahria University Lahore Campus on 14 Dec 16. Topic of Speech Competition was “Seerat UN Nabbi”. Students actively participated in all three categories. The event was an initiative to increase religious awareness among the students. Winners of the competition were awarded shields and certificates. Director Lahore Campus, Cdre M. Amjad Zaman SI (M) (Retd.), was the Chief Guest of this event. He appreciated efforts of the students and encouraged them to arrange more such events in the future.



Care Foundation Seminar

On 16 Dec 2016, an information session was held by Care Foundation, an NGO, at Bahria University Lahore Campus. The event commenced with one minute silence for the APS victims. Care Foundation is an NGO which is working for increasing literacy in remote and urban areas of Pakistan. Ms. Khadija Zahra from Care Foundation emphasized on illiteracy problem in Pakistan and how together we can fight it.



Mr. Hartmut Wellerdt Visit to BULC

Mr. Hartmut Wellerdt from Germany, visited Bahria University Lahore Campus on 18 & 19 Apr 17. Mr. Hartmut Wellerdt is a renowned Marketing Guru. He has a rich experience of working with Unilever Germany (Food Business) for 25 years. His last assignment was Managing Director & CEO of Unilever Professional



Foods. He also served a tenure with Nestle Germany and Austria (Entire Portfolio) as Head of Nestle Food Services, Germany & Austria. Since year 2000, he is engaged in teaching assignment as senior Lecturer for Strategic Management, Marketing & Global Marketing at the University of Bremen, Germany. During his visit

to Bahria University Lahore Campus, he conducted a number of workshops and lectures for faculty and students. Overall, it was a great learning experience for both faculty and students.

Prime Minister National Laptop Scheme Distribution Ceremony 2017

On 9 May 17, Prime Minister Laptop Scheme Phase III Distribution Ceremony was held at Bahria University Lahore Campus. Member National Assembly, Ms Tehmina Daultana was invited as Chief Guest on this occasion. The Chief Guest distributed laptops among the qualified students. She appreciated the role of Bahria University Lahore Campus for providing quality education in Lahore. Director Lahore Campus Cdre M Amjad Zaman SI (M) (Retd.) presented souvenir to the Chief Guest as a token of gratitude.



BULC Alumni Homecoming 17

Bahria University Lahore Campus organized its first Alumni Homecoming on 6 May 17. Director Lahore Campus Cdre M Amjad Zaman SI (M) (Retd.) was the chief guest of the evening. The event included different performances from undergraduate students of BULC. Director Lahore Campus distributed shields among alumni with top academic achievements from their respective batches. Alumni interacted with each other and faculty during the event. It was a fun evening overall.



IEEE Day – Gaming Competition at BULC

To celebrate IEEE day, IEEE student Branch BULC organized its 2nd Gaming Competition on 4 October 2016. Competitions were held for three games: FIFA 16, Counter Strike and Need For speed. Students as well as faculty enthusiastically participated in this event. The event was broadcasted live on Facebook via Facebook Live. Overall, the event was well organized and well managed by the student body and Mr. Taimoor Aamer, Senior Lecturer.

Electrical Engineering Events

Robotics Workshop

Basic Robot Building Workshop held at Bahria University Islamabad from 8th to 9th August 2016. The aim of the workshop was to deliver participants knowledge about basic hardware used in Robotics, such as micro-controllers, H-Bridge, Arduino, LEDs, Sensors, Serial Monitor in Arduino etc. The Workshop had also discussed the software end, e.g. Arduino based motor drive code, IR sensor code etc. It was amazingly organized by the members and volunteers. Workshop was attended by various number of students from different areas of interests. At the end of the workshop Basic Objective was achieved. Apart from Bahria University other universities of Islamabad Section also participated in this workshop.



Summer Internship Program 2016

A tenacity to succeed allows wonders to unfold. This year many enthusiastic students successfully completed IEEE Summer Internship Program 2016. For the past two years the student branch has successfully organised the internship program for students of Electrical Engineering during which the students were guided by the internship supervisors

to develop and showcase their projects and research done. This year the Internship Program broadened its scope and included students and faculty of other departments including Computer Science, Computer Engineering and Software Engineering. The program was successfully concluded by handing over Internship Completion certificates to student and the Faculty who took part in guiding and moulding students to be aspirants in this ever competitive world.



IEEE Day 2016

An event designed to allow students the opportunity to learn more about unique fields of Engineering. Students get a chance to talk and interact with IEEE members representing different areas of engineering. Event Follow-Up IEEE Day: Celebrating the first time in history when engineers worldwide and IEEE members gathered to share their technical ideas in 1884. IEEE Day is a global event that is held every year in October, annually. This is going to be the 7th time

in the history. All the students in the university had gathered to celebrate this day with great enthusiasm. The theme of the IEEE Day is “Leveraging Technology for a Better Tomorrow”. Therefore, IEEE BUIC Student Branch has taken its initiative to make this day livelier for the engineering students. This year our Branch has celebrated this day by blooding new youths, and allowing other students to share their idea in improving the technology and IEEE society. The response was overwhelming here at the Bahria University Islamabad.





Iqbal Day- A Tribute To Shair-E-Mashriq, Mufakkir-E-Pakistan.

In order to pay Tribute to Our National Hero, IEEE Bahria University Islamabad organised a Seminar on Iqbal Day. We are really thankful to our Distinguish Guests for their views and valuable time. Chief Guest Mr. Muneeb Iqbal(Grand Son of Dr.Allama Muhammad Iqbal), Dr.Abdul Basit Saim (Asst. Professor IST) and Shaheer Haider Malik(President of State Youth Parliment Pakistan).



International Conference on `Communication, Computing and Digital Systems(C-Code'17)

A two days International Conference on `Communication, Computing and Digital Systems` organized by IEEE Bahria University Islamabad SB, IEEE WIE BUIC, IEEE CS Chapter BUIC, concluded at BU Islamabad Campus. The aim of this conference was to provide an international forum for academia, research organizations and industry to share their knowledge, experience, and contributions. The event provided a unique platform to discuss latest innovations and challenges, local as well as global, in the fields of communication, computing and digital systems. Mr. Ahsan Iqbal, Minister of Planning and Development of Pakistan graced the occasion as a Chief Guest on the closing session of the conference. While speaking to the audience, he said It is heartening to know that the C-CODE conference – in the very first year of its launch had attracted researchers and academicians from all around the globe and received a record number of submissions in the category of technical conferences in Pakistan through Bahria University.



Bahria University has signed Memorandum of Understanding with University of Applied Sciences, Netherlands. The ceremony was held at Bahria University Head Office where Rector Bahria University, Vice Admiral (R) Tanveer Faiz HI (M) and Dr. Sander

Schroever for Amsterdam University of Applied Sciences Netherlands signed the agreement. The agreement aims to form educational bonds between both universities.



Open House 2017

IEEE Bahria University Islamabad Campus hosted its Seventh Open House on 11 May 2017, which showcased the skills of their graduating Students and provided networking platform for students and Industry leaders. It provided employers and leaders in business, industry and education sectors a firsthand chance to interact with the graduating students of Bahria. This event was being collectively organized by the faculty of Engineering Sciences which includes Department of Electrical Engineering, Department of Software Engineering, Department of Computer Engineering, and Department of Computer Science. Students showcased their skills and talents in the form of their final year projects where they integrated the learnt concepts during the course of their engineering and sciences degree. Open house 2017 was another success with hundreds of graduating

students exhibiting more than 120 innovative projects from diverse engineering branches including software engineering, control systems, communication systems, embedded systems, robotics, radio communications and wireless communication. The event took place at the Gymnasium Hall of Bahria University Islamabad and was honored by the Rector Vice Admiral (R) Tanveer Faiz HI(M) Bahria University. Also present on the occasion were the Director General and Pro-Rector Rear Admiral (R) Shahid Saeed HI(M) and Director Campus Cdre (R) Syed Hasan Mustafa SI(M). The ceremony concluded with the Shield Distribution for the top 3 projects in each department and also for the Best Panaflex and best Brochure Prize in each Department. Renowned companies from the national and multi-national sector visited Open House as a part of university's ongoing Academics-Industry collaboration. The representatives appreciated the innovative projects designed by the students.



Seminar Series Fall 2016

Department of Electrical Engineering - BUIC

Control - Systems Lab

Sr	Date	Trainer/Presenter	Topic	Target Audience
1	29-09-16	Imran Farid	Implementation of Outcome-based Education (OBE) system	Faculty of EE Department
2	13-10-16	Dr. Asad Waqar	Recent research trends in modern power systems	Faculty of Engineering Sciences
3	20-10-16	Taimur Hassan	Analysis of OCT images for the automated diagnosis of retinal pathology	Faculty of Engineering Sciences
4	27-10-16	Shahab Shahid	Current Control Strategies for Two-Level 3-Phase Grid-Connected Converters	Faculty of Engineering Sciences
5	10-11-16	Asim Altaf	Classification of glaucoma from OCT images	Faculty of Engineering Sciences
6	24-11-16	Mr. Mudasir Wahab	5000 Hours Aging of Nano/Micro Composites as outdoor electrical insulator	Faculty of Engineering Sciences
7	01-12-16	Dr Rizwan ul Haq	A Mathematical Analysis of Heat and Fluid flow due to Stretching Cylinder in the presences of CNTs	Faculty of Engineering Sciences/PG Students
8	08-12-16	Dr Saleem Aslam	Software Defined Networking	Faculty of Engineering Sciences
9	15-12-16	Juniad Imtiaz	Cognitive Radios	Faculty of Engineering Sciences
10	22-12-16	Muhammad Yaseen	Modified cuckoo search algorithm for short-term hydrothermal scheduling	Faculty of Engineering Sciences



Seminar Series Spring-2017

Department of Electrical Engineering - BUIC

Control Systems Lab

Sr	Date	Trainer/Presenter	Topic	Target Audience
1	13-04-17	Dr. Muhammad Aamir	Design of a Non-isolated single Phase Online UPS Topology with Parallel Battery Bank for Low power Application	Faculty of Engineering Sciences
2	20-04-17	Dr. Saleem Aslam	Internet of Things (IOT)	Faculty of Engineering Sciences / PG Students
3	27-04-17	Ms. Ammara Nasim	Gland segmentation from tumor tissues of colorectal cancer	Faculty of Engineering Sciences
4	04-05-17	Mr. Umaid Ali	Analysis of Wind Energy Potential and optimum wind blade design for Jamshoro wind corridor	Faculty of Engineering Sciences
5	11-05-17	Mr. Bilal Amin	Estimation of Sparse MIMO Communication Channels Using Compressive Sampling Theory	Faculty of Engineering Sciences
6	18-05-17	Dr. Saleem Aslam	Device to Device Communication; Challenges and Solutions	Faculty of Engineering Sciences / PG Students
7	25-05-17	Dr. Atif Jafri	Physical Layer of 5G Network	Faculty of Engineering Sciences / PG Students
8	01-06-17	Shahab Shahid Khawaja	An Introduction to Smart Grid Technology	Faculty of Engineering Sciences / PG Students



Libraries Events

Abdul Sattar Edhi Corner Established at Library BUIC

The legend Abdul Sattar Edhi, corner has been established at Central Library BUIC which is dedicated to pay tribute to his extraordinary services towards humanity. Honorable Pro-Rector/DGIC Rear Admiral



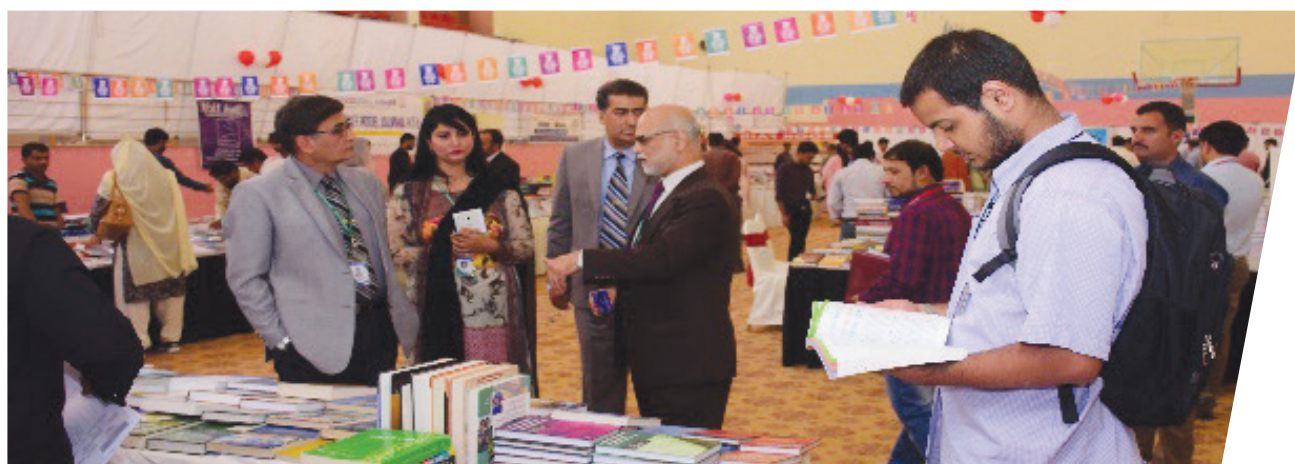
(R) Shahid Saeed HI (M) Bahria University Islamabad campus formally inaugurated the Abdul Sattar Edhi Corner. He emphasized that in order to promote his extra ordinary humanitarian efforts, the library should have annual lectures on the life and humanitarian services and also to conduct Quran Khawani and Prayers on each death anniversary of Abdul Sattar Edhi. Honorable Pro Rector / DGIC Campus also appreciated the efforts of library staff to establish the corner.



5th Annual Book Fair Organized by Islamabad Campus Library

A three day Book Fair was organized at Bahria University Library Islamabad Campus on October 18 to 20, 2016. The students, faculty members and the distinguished guests took keen interest and thoroughly enjoyed the occasion. Honorable Pro Rector inaugurated the Book Fair 2016 along with Registrar, Director Islamabad Campus, Chief Librarian and all distinguished directors. In this Book Fair 18 well known Book Sellers registered themselves to offer the books of various disciplines and fields to facilitate

the guests and user readers. Organizing Book Fair was well appreciated by all the distinguished guests, faculty members and students who were seen getting the books of their interest with great enthusiasm.



One Day Hands On Training Workshop on HEC Digital Resources and Science Direct Quiz

Bahria University library organized one day Hands on Training workshop on March 16, 2017 for BUIC Students and Faculty members. This workshop was arranged to get familiar with understanding for the online resources provided by HEC. The Workshop was useful for both the faculty and students of Bahria University so the participants took keen interest in the training session.

This workshop was arranged to increase awareness and understanding for the online resources provided by HEC. For this Mr. M. Rashid Pervaiz and Mr. Majid Murtaza Lodhi from A & J Def Tak Consultants were the

resource persons of this workshop. They professionally trained the participants on the HEC Digital Resources, Free Trial Resources and Science Direct Quiz.

It was an excellent opportunity for BUIC students & faculty members who got training on HEC databases like Science Direct, ProQuest Social Science, ProQuest Business Premium and Scopus & ScienceDirect Quiz. This training program was good contribution of Bahria University to offer its services in education sector.

Feedback from participants was very encouraging and they were of the view that such Training should be continued on regular basis.

A&J Def Tek Trainers appreciated the efforts put forward by Bahria University to conduct this training session and were impressed with the participant's interest level during the training session.



Library Professionals Workshop in Bara Gali Summer Campus, University of Peshawar

A workshop was organized at Bara Gali sponsored by University of Peshawar. It was aimed to get advanced experience of research exploring, while getting new areas for future academic Institutions, the topic of workshop was "Information Management in Digital Era" During this event exchange of thoughts on new awareness and methodologies of research and establishing closer linkages took place. The workshop was conducted for providing awareness and knowledge in Digital Preservation, Knowledge Management, Intellectual Property Rights and its applications in Pakistan, Information Literacy, Turnitin Software used for Plagiarism Checking &

Class Assignments Management and Social Media application in Libraries.

Ms. Saima Syed (Chief Librarian Islamabad Campus) and Mr. Nazar Hussain (Library Assistant Islamabad Campus) from Bahria University attended this useful workshop for adding new dimensions to the ongoing activities in the field of Higher Education and research.





PEC delegation visited the Library Information Services

PEC delegation visited Central library Islamabad Campus on August 4th, 2017. The purpose of this visit was to extend the accreditation of Software Engineering Program Islamabad Campus. The PEC members visited all sections of the library and took great interest in automated circulation process and Dspace Software for digital Repository. At the end of the visit, the PEC team members expressed their satisfaction over the library services being offered and resources available.

Inauguration of Revamped/ Renovated Library BUKC by Honorable Rector BU Vice Admiral (Rtd) Tanveer Faiz (HI) M

The revamped library of the BUKC was inaugurated on Wednesday 12th July 2017 by Honorable Rector Bahria University Vice Admiral (Rtd) Tanveer Faiz HI (M). Now the Central Library BUKC has been equipped with 12,500 volumes in addition to 35 computers and other latest information technology (IT) aids.



Library Bahria University Karachi Campus Organized a Comprehensive Workshop on “SUBJECT GUIDE”

Library Bahria University Karachi Campus organized a comprehensive workshop on “SUBJECT GUIDE” on dated 6-NOV-2016. The trainer of the workshop was Mr. Rashid Ali Lecturer DLIS University of Karachi.

Large number of working Librarians from Karachi and interior Sindh attended the workshop to earn more professional skills.

The very first workshop on “Subject Guide” organized by BUKC Library department got some successful ending and having a positive response by the professionals. Deputy Director Admin & Coordination Bahria University Karachi Campus Commander (R) Farrukh Ijaz distributed certificates among participants.



7th Annual Book Fair Organized by Karachi Campus Library

Library-Bahria University Karachi Campus organized 7th Book Fair on 26th -27th October 2016, dedicated to

Mr. Abdul Sattar Edhi. The book fair was inaugurated by Honorable Rector BU, Vice Admiral (R) Tanveer Faiz HI(M) along with DG(KC), Director and HODs who visited the stalls of various booksellers and examined their collection. The two day book fair was intended to provide students with large variety of books from different genr.



Library BUKC organized Two Days Hands on Training on “Statistical Data Analysis using SPSS” With collaboration of Pakistan Library Club and SLA

Library Bahria University Karachi Campus organized two day hands on training “Statistical Data Analysis using SPSS” on dated 9th & 16th April 2017. The trainer of the workshop was Mr. Abdus Salam Joint Director at State bank of Pakistan and Master Trainer at IBP & IBA. Large number of Professional Librarians and Researchers attended the training to get more professional skills.



Chinese Cultural Counsel General Visited Library BUKC

Chinese Consul (Culture) Mr. Xu Zhijie visited Library BUKC. Director Karachi Campus Briefed him regarding Chinese Corner established at Library Karachi Campus. Mr. Xu appreciated the efforts of Confucius Institute Hanabab China and BUKC for jointly promoting Chinese Culture, History, Art and Language through Chinese Corner among Bahria Community.



A close-up, low-angle shot of a microscope's objective lens and stage. The image is heavily blurred, with a dark blue overlay. A bright yellow diagonal stripe runs from the top left towards the bottom center. The text is centered in the middle of the frame.

Chapter - 2

Research & Development



Research & Development

Research and Development activities serve as the backbone of a nation's economy. It is an established fact that innovation and commercialization, which are the direct outcome of research and development, can catalyze the economic engine of a nation. The innovation in research is germinated in institutions of higher learning, which can ultimately guide the industry. After consolidating and strengthening of its undergraduate programmes post graduate programmes leading to MS/MPhil & PhD in various disciplines have been started in line with the vision, mission and academic goals approved by the Board of Governors of Bahria University.

Office of Research, Innovation & Commercialization (ORIC)

The Office of Research, Innovation & Commercialization (ORIC) was established at Bahria University on 17th February, 2010. The same was duly notified by HEC vide their letter no. 20/1-6/BUI/ORIC/R&D/HEC/2011 dated 7th October, 2011.

Mission

“To provide strategic and operational support to the University's research activities / programmes, while playing a central role in facilitating University–Industry Linkages, Intellectual Property Management, Technology Transfer / Licensing and Commercialization of Research”

In pursuit of this mission, Office of Research, Innovation & Commercialization (ORIC) has taken the responsibility of guaranteeing that all research programs and policies reflect the core values of academic freedom, professional integrity, ethical conduct and full compliance with all legal requirements and operational standards of the university. The aim is to provide strategic and operational support to the University's research activities / programmes.

Objectives

- Establish and maintain a research culture at BU
- Inculcate the spirit of innovation and entrepreneurship among BU researchers, both faculty and students
- Ensure that the research pursued at BU has relevance to the industry, community and society
- Commercialize R&D performed at BU
- Promote industry focused multidisciplinary R&D
- Promote training and education related to entrepreneurship and intellectual property
- Be a catalyst for creation of new industries
- Create job opportunities for BU graduates
- Contribute towards achieving financial sustainability for BU

Ecosystem – Office of Research, Innovation & Commercialization (ORIC)



Establishment of Technology Innovation Support Centre (TICS)

With the growing research endeavors of the faculty members of BU, there was a dire need to efficiently manage and secure the intellectual property of the produced research keeping in view the best interest of BU and faculty members. A Technology Innovation Support Centre has been established at BUHO in the year 2017 under the functional & administrative control of Office of Research, Innovation & Commercialization (ORIC).

The sole purpose behind the establishment of TISC at BU is to provide support services to BU researchers for patenting their research and development work by proactively coordinating and communicating with BU faculty / students / visiting scholars/ sponsors / stakeholders and researchers.

Meetings of Higher Education Research

Higher Education Research Committee (HERC) is the apex body of Bahria University which gives policy guidelines and directions regarding all major research issues of the faculty members and scholar of the constituent/affiliated units and monitor quality of research outcomes and theses, both at the PG levels.

In the year 2016-17, two meetings of HERC were conducted at BU Head Office through video conferencing, as follows:

- 19th Meeting of HERC held on 27th September, 2017.
- 20th Meeting of HERC held on 21st March, 2017.

Rector (BU) and Chairperson of HERC, Vice Admiral (Retired) Tanveer Faiz HI(M) chaired both the meetings. Director R&D/ ORIC and Secretary HERC, conducted the meetings. HERC members and other invitees from BU and its constituted units attended the meeting and gave their valuable views and input on different agenda items regarding the research and development activities at BU.



Revision of Post Graduate Rules

In the year 2016-17, Directorate of Post Graduate Programs revised the Post Graduate Rules i.e. PhD Rules and MS/MPhil Rules after taking the input and feedback from all BU departments and Deans. The same were ratified in the 21st Higher Education & Research Committee Meeting (Special) held on 18th, July, 2017 and subsequently promulgated to all concerned.

Research Groups

To inculcate the spirit of collaborative research as well as to further improve the outlook of Bahria University (BU) in terms of its research standing, fifty-nine Research Groups have been formed at the constituent units of Bahria University at department level. Members of each research groups are not only from the same department but also intra-department or from some other research institutions/organizations. Each group has highly qualified members within its research areas and is actively involved in their specialized research activities

The objectives for the formulations of the Research Groups at BU are:

- Encourage faculty members/researchers to conduct research activities collectively
- Write research proposals for acquiring research funding
- Conduct research projects
- Generate high impact publications
- Develop University-Industry & University-Academia Linkages
- Invite faculty members/researchers from other institutions for starting the joint research projects with the faculty/researchers of BU

During the year under report, 310 research papers have been published while 31 research project proposals have been submitted to different funding agencies for research funding

and 41 projects have been approved for research funding worth of Rs. 63.99 million from previous year submission.

Business Incubation Centre (BIC)

Business Incubators are programs designed to support the successful development of entrepreneurial companies through an array of business support resources and services.

Following services have been provided to the incubatees.

Professional Support; Includes mentorship and coaching for proactive business help for entrepreneurship, networking and assistance with external sources of financing and partnering with the business.

Infrastructural Support; Includes shared office services, high speed internet, photocopying etc.



Business Incubation Centres at BU Islamabad & Karachi Campuses

Business Incubation Centres at Bahria University Islamabad and Karachi Campuses have been established on self-help basis by the management of BU. The incubatee companies having scope of conversion into start-up companies have been chosen and placed through a stringent process of selection.

Incubatee Companies at BU Incubation Centres at Islamabad & Karachi Campuses.

Incubatee Companies at BIC Islamabad Campus

Currently Inducted Incubatees

S. No.	Name of Startup	Business Sector	No. of Employees	Status
1	E- Learning system	IT	6	Incubated
2	Tolet Ads	IT/Web	5	Incubated
3	EDU Sole	IT/Mobile	3	Incubated
4	COMMA Linkage to the future	IT, Training and Consultancy	3	Incubated
5	Investin.pk	IT	5	Incubated
6	Maqami	IT	4	Incubated
7	Scarping Soft	IT	2	Incubated
8	Know-Where	IT/ Mobile	3	Accelerator Stage
9	Student Pro	IT/Mobile	3	Incubated

Graduated Incubatees

S. No.	Name of Startup	Business Sector	No. of Employees	Status
1	Know-Where	Mobile App	3	Graduated
2	Stallion Tech..	IOT	2	Graduated
3	3G Home Automation	IT	3	Graduated
4	Code-digita	IT/Mobile	3	Graduated
5	Riwajify	IT/ Ecommerce	3	Graduated
6	Mobile Baich.com	IT	2	Graduated
7	NOM-NOM Food Truck	IT	3	Graduated

Incubatee Companies at BIC Karachi Campus

Currently Inducted Incubatees

S. No.	Name of Startup	Business Sector	No. of Employees	Status
1	SRM	Health Sector	4	Incubated
2	Health Monitoring sys	Health Sector	5	Incubated
3	Innovative Electronic	Software & Hardware	3	Incubated

4	Immerse	Game Development	3	Incubated
5	Sky Dream Technologies	Virtual Reality	3	Incubated
6	Dukan Walaz	E-Commerce	3	Incubated
7	E-Education	Education	2	Incubated
8	IMT	Telecom	4	Incubated

Graduated Incubatees

S. No.	Name of Startup	Business Sector	No. of Employees	Status
1	Fatechs	Health Sector with IT	2	Incubated
2	Innovation / ZAFSOFT	Health Sector with IT	3	Incubated
3	SPARKX	Vehicle Tracking	4	Incubated
4	S & S Engineering	Health Sector with IT	2	Incubated
5	Pehchan	Women Empowerment	2	Incubated
6	Yelossoff	IT/ Web Search	3	Incubated
7	Excalibur	3D Mapping / Robotics	3	Incubated
8	Dextech	Information Technology	3	Incubated

Incubatees Companies at Commercialization Stage

Name of Startup/ Company working on Commercialization	Name of Collaborating Faculty Member	Brief detail of Product being developed	Year	Stage of Commercialization
Smart Solution	Prof. Dr. Tamim Ahmed Khan Department of Software Engineering, BUIC	Automation of Flour Mill for Weighing Process	2016	Implemented
E- Learning System	Prof, Dr. Tamim Ahmed Khan Department of Software Engineering, BUIC	To develop uniform educational content for preschoolers to class V	2017	In process
Content Based Indexing and retrieval of Videos	Dr. Imran A. Siddiqi (Associate Prof. Deptt., of CS, BUIC) Prof. Dr. Shehzad Khalid (Director PGP)	Content Based Indexing and Retrieval of Videos in Real Time	2017	In process
Bookworm & Kebabistan (2 separate companies of same team)	Manager BIC, BUKC	A Software for Book Selling (Ecommerce) & Restaurant	2013	Matured
Pehchan	Manager BIC, BUKC	Vendor to purchase embroidered women dresses from house-hold women to sell in market	2016	In progress

Name of Startup/ Company working on Commercialization	Name of Collaborating Faculty Member	Brief detail of Product being developed	Year	Stage of Commercialization
Wondertree	Manager BIC, BUKC	Game for exercise for the children who have some paralysis diseases for Health Sector	2016	Matured
Dukan Walaz	Manager BIC, BUKC	Online Shopping Website for Ecommerce	2017	Matured
IMT	Manager BIC, BUKC	Free Call facility for Telecom Sector	2017	In progress
Yelosoff	Manager BIC, BUKC	Search Engine	2016	In progress
Innovation / ZAFSOFT	Manager BIC, BUKC	Device to detect Headache in Infant/Children	2017	In progress

Activities by Business Incubation Centres for the Promotion of Entrepreneurship Culture at Bahria University

During the year under report, a host of activities were conducted for the benefit of both our own as well as external students. Some major activities performed by BICs at both campuses are as follows;

Activities by BIC at Islamabad Campus

S. #	Title of Activity	Brief Description	No. of Participants	Date of Activity	Venue
1	Lead Your Dreams, Global Entrepreneurship Week	Business Incubation Centre Bahria University conducted the event titled as "lead your dreams" on November 15, 2016 in continuity of Global entrepreneurial week(GEW) 2016 celebrations. Guest Speakers from industry and entrepreneurial network shared their words of wisdom with the students.	28 Participants	15 Nov 2016	BU Islamabad Campus
2	Cooperate Advisory Committee meeting, Department of LAW	Corporate advisory committee meeting held at Bahria University to discuss University Industry interaction and Entrepreneurship operatives	11 Participants	30 Nov 2016	BU, Islamabad Campus
3	LCL 2016	The event was covered by Business incubation center Bahria University and BIC team created developed the networks with some of the great personalities and start-ups to link them with BU..	15 Participants	2-3 Dec 2016	Convention Center, Islamabad

S. #	Title of Activity	Brief Description	No. of Participants	Date of Activity	Venue
4	BIC launchpad 2017	Business Incubation Center Bahria University Islamabad is providing a nurturing environment to startups/ Entrepreneurs and support them to grow and play role in socio-economic development of Pakistan. The main objective of Startup Incubation Program is to support and provide a platform for the graduates/students of Bahria University to transform their ideas/projects into startup companies with marketable finished product and smart business plans. Pre-selected teams have presented their ideas/products/services in presentation session at Business Incubation Center, Bahria University Islamabad.	25 Participants	9 Feb 2017	Bahria University Islamabad
5	Passion Hour	Were you unfortunate to miss this outstanding session? BIC in collaboration with Trim-Tab (Pvt) Ltd has arranged a 3 hours strategic session on Feb 16, 2017 at LT-2. Mr Mahar Ul Hassan, Manager BIC coordinated this activity. Muhammad Amir Iqbal was the lead speaker. The activity was management by Eventual. Here are few clicks of the session.	45 Participants	16 Feb 2017	Bahria University Islamabad
6	BIC orientation session	Orientation session was held for Selected Startups of Business Incubation Center, Bahria University Islamabad. Startup had ice breaking session and they introduced themselves. Dr. Faisal Aftab Director ORIC Bahria University - Official briefed the startups about elements important to startups success as a BIC Incubate. In the end Dr. Faisal Aftab wished them best of Luck for their startup Journey.	24 Participants	21 Feb 2017	Business Incubation Center, BUIC
7	Indonesian Entrepreneur visit to Bahria University.	Miss Eva Kurniaty, a successful Entrepreneur from Indonesia visited Bahria University Islamabad and spoke to stunted on Entrepreneurship.	40 Participants	16 Mar 2017	Bahria University Islamabad
8	Mentoring session with CEO IcodeDigita	BIC conducted one to one mentoring session of BIC incubate. Session was conducted by CEO IcodeDigita Mr. Irtiza Ahmed Qureshi	22 Participants	21 Mar 2017	Business Incubation Center
9	Entrepreneurship Do's and Don'ts" by Mr. Rhett Power	BIC Bahria University Islamabad conducted exclusive virtual talk session titled "Entrepreneurship Do's and Don'ts" by Mr. Rhett Power as a part of Entrepreneurship Speaker Series program.	52 Participants	28 Mar 2017	Bahria University Islamabad

S. #	Title of Activity	Brief Description	No. of Participants	Date of Activity	Venue
10	Virtual Talk series on Entrepreneurship by Michael Henderson	BIC Bahria University Islamabad conducted virtual talk session titled "Entrepreneurship" by Mr. Michael Henderson" as a part of Entrepreneurship Speaker Series program.	36 Participants	29 Mar 2017	Bahria University Islamabad
11	Appldea2R Awareness seminar on Sustainable Development Goals	The sustainable Development Goals represent a unique opportunity for the world to work together on 17 critical measures that embody the collective aspiration of the world citizens. Reaching the SDG's will enable all of us to end poverty, protect the planet and ensure prosperity for all. For the awareness of SDG's seminar is conducted on 20th April 2017 at Bahria University Islamabad. Seminar was headed by Business Incubation center in collaboration with IEEE. In the seminar speakers enlightened the importance of the Sustainable development goals and get the students aware of the "Appldea2R" competition. The whole seminar focuses on the 17 critical factors of SDG's and at the end there was question answer session to interact directly with the speakers and the students.	155 Participants	20 Apr 2017	Bahria University Islamabad
12	Shepard's Pie Season 3 Episode 2	JumpStart Pakistan successfully conducted Shepherd's Pie Islamabad 2017 in Bahria University Islamabad on the 11th of May, 2017. 9 startups were given the opportunity to pitch and 2 winners "Neurostic" and "Ultimo Tech" have been selected for 2017's Shepherd's Pie Finale later this year. A detailed panel discussion with Q&A session was also organized. 4 panelists along with Mr. Farrukh Mehmood as Moderator discussed at length the topic "How Can we Individually play our role in Changing Pakistan".	350 Participants	11 May 2017	Bahria University Islamabad
13	Higher Education Commission visit to BIC, BUIC	Director R&D along with Project Director Cubator1ne COMSATS visited Bahria University Islamabad for the	30 Participants	23 May 2017	Business Incubation Center
14	UNIDO Global Clean Tech Innovation	UNIDO Global Clean Tech Innovation program for Startups	52 Participants	12May 2017	Bahria University Islamabad



Event on Lead on Your Dream



Corporate Advisory Committee (CAC) Meeting, Department of Law, BUIC



BIC Orientation Session



BU Participation at LCL' 2016



"Passion Hour" Session by BIC



Meeting Session with CEO IcodeDigita





Virtual Talk Series on Entrepreneurship by
Mr. Michael Henderson



Session on Do's and Don'ts



HEC visit to BIC, BUIC



Activities by BIC Karachi Campus

S. #	Title of Activity	Brief Description	No. of Participants	Date of Activity	Venue
1	HEC Microsoft Boot Camp Workshop on Azure and Office 365	HEC has organized a two days boot camp on MS Azure and office 365 with the collaboration of BIC. The workshop is an effort to provide hands on training to Senior IT and Software Engineering Staffs' to be a part of this training.	21 Participants	1-2 Jun 2016	BU Karachi Campus
2	Seminar on "Entrepreneurship"	Bahria University Karachi Campus arranged "Entrepreneurship in Engineering Sciences" with collaboration of EE & CS Departments. Speakers at seminar talked about "Problems in New Startups"	60 Participants	2 Dec 2016	BU Karachi Campus Fatima Jinnah Hall
3	INJAZ Pakistan Company Program	Bahria University Karachi Campus with Collaboration with INJAZ Pakistan providing mentoring sessions to 4 th Cycle incubatees.	26 Participants	28 Jan 2017-15 April 2017	BU Karachi Campus
4	Seminar "Mobile APPs in Hybrid Programming"	Bahria University Karachi Campus arranged Seminar on "Mobile APPs in Hybrid Programming" with collaboration Manager BIC & Panacloud.	100 Participants	3 Mar 2017	BU Karachi Campus
5.	Seminar on "Entrepreneur Drive Plan9" and Workshop on Lean Canvas Activity	Bahria University Karachi Campus Entrepreneur Drive by Dr. Saif from Plan9 & Lean Canvas Activity.	80 Participants	17 Apr 2017	BU Karachi Campus
6.	Seminar on "Emotional, Practical and Academic Intelligence"	Bahria University Karachi Campus organized a Seminar special talk by CEO Engro Fertilizer Ltd - Mr. Ruhail Muhammad.	400 Participants	20 Apr 2017	BU Karachi Campus
7.	Seminar on "Girls, it's Your Time to Shine" Women Empowerment & Personality Development'	Bahria University Karachi Campus LDC & BIC arranged a Seminar on Women Empowerment & Personality for female students and faculty	60 Participants	28 Apr 2017	BU Karachi Campus
8	Workshop on "Launch Your Own Business"	Bahria University Karachi Campus BIC 4th Cycle Incubatees attended workshop on "Launch Your Own Business" by TECH Pakistan.	06 Participants	29 Apr 2017	BU Karachi Campus

S. #	Title of Activity	Brief Description	No. of Participants	Date of Activity	Venue
10	Seminar on "Competitive Advantage in Global Environment"	Bahria University Karachi Campus Management Sciences Department with coloration BIC arranged a Seminar on "Competitive Advantages in Global Environment" by Mr. Fasihul Karim Siddiqui, Mr. Majyd Aziz and Mr. Adnrew Moore from UK for BBA, & MBA students .	430 Participants	20 May 2017	BU Karachi Campus
11	UNIDO Global Clean tech Innovation program	Bahria University Karachi Campus arranged session on Global Clean tech Innovation program by United Nation Industrial Development Organization.	15 Participants	2 June 2017	BU Karachi Campus Room
12	BIC Incubatees Selected for Pitching in Silicon Valley	Team Wonder tree selected in USA got mentorship training and then pitched their business idea.	03 Participants BIC 2nd Cycle Incubatee Mr. Usman Mr. Ahmed, & Mr. Waqas (Team WonderTree)	1 May 2016	BU Karachi Campus
13	British Council WOW – Women of the World Festival Karachi (FYI)	WOW – Women of the World Festival Karachi being held by the British Council at the Beach Luxury Hotel. Social Enterprise BIC 1st Cycle team PEHHCHAN Participated.	06 Participants Faculty, Students Manager BIC, & BIC 1st Cycle Incubatee	1 May 2016	BU Karachi Campus
15	Seminar on "Future of Mobile & Web APPs"	This Seminar conducted by well renowned Guest Speaker Mr. Zia U Khan who has initiates Java in Pakistan.	200 Participants	1 May 2016	BU Karachi Campus
16	IT Startups on PSEB'S Workshop on "Series for IT Startups & Entrepreneurs "	Pakistan Software Export Board (PSEB) organized the 02 days Startups Workshop Series for IT Startups & Entrepreneurs collaboration with Manager BIC. Pakistan Software Export Board is an apex Government body mandated to promote Pakistan's IT Industry in local and international markets. PSEB facilitates the IT industry through a series of projects and programs.	35 participants	24 May 2016	BU Karachi Campus Fatima
17	Summer School Program Workshop on Research Data Management in Psychology	Bahria University in collaboration with Valparaiso University, USA conducted a Summer School Program on the topic Research Data Management in Psychology at Institute of Professional Psychology Karachi and BU Islamabad Campus	40 Participants	6 Aug 2016	BU Karachi Campus

S. #	Title of Activity	Brief Description	No. of Participants	Date of Activity	Venue
18	The Entrepreneur Project Manager Program	Why Entrepreneurs Should Consider Project Management Mindset & Project Managers Should Consider Entrepreneurial Mindset. MoU Signing Ceremony and seminar with Collaborative Initiative of Innovative with BIC.	5 Participants	3 May 2016	Marriott Hotel.
19	Invention to Innovation Summit, Quetta 2016	Bahria University, Karachi Campus participated in 1st Invention to Innovation Summit, Quetta 2016, at University of Baluchistan. It was an open-house exhibition in which different projects were displayed by universities from all over Baluchistan and Sindh.	5 Participants	4-5 May 2016	BU Karachi Campus
20	Social Enterprise and Active Citizen Program by British council and their impact on society - Interview of Students	Survey and Interview conducted by Mr. Natej Damborsky Carfax Educational Project form British Council for the real impact created by SE and ACP program in Pakistan – BIC – SE Team and other SAP teams Interviewed.	05 Participants	10 May 2016	BU Karachi Campus
21	Open House Exhibition GEEKS 2016	BITS Bahria Innovation Technology Society of Electrical Engineering Department of Bahria University Karachi Campus has organized two days All Karachi Inter Universities Open House Exhibition & Project Competition “GEEKS2016”	100 Participants	17-18 May 2016	BU Karachi Campus
23	Entrepreneurship event “IDEAPRENEURSHIP” Spring 2016	Entrepreneurship Event “IDEAPRENEURSHIP” 2016 organized by Management Sciences Department collaboration with BIC. 32 teams were participating by putting their stalls and business ideas in foyer - Ideapreneurship 2016’ were Evaluated by industry experts.	70 Participants	19 May 2016	BU Karachi Campus
25	BIC-PLAN9 4th LAUNCHPAD	Bahria University Karachi Campus has organized its BIC-Plan9 4th Launch pad. The students presented their Business plans/ideas for selection of BUKC incubation centers.	450 Participants	18 Nov, 2016	BU Karachi Campus

S. #	Title of Activity	Brief Description	No. of Participants	Date of Activity	Venue
26	Entrepreneurship event "IDEAPRENEURSHIP" Fall 2016	Entrepreneurship Event "IDEAPRENEURSHIP" 2016 organized by Management Sciences Department Collaboration with BIC at Bahria University Karachi Campus – 32 teams were participate by putting their stalls and business ideas in foyer - Ideapreneurship 2016' were Evaluated by industry experts.	85 Participants	17 Dec 2016	BU Karachi Campus
27	Plan9 Launchpad Karachi Chapter	Bahria University Karachi Campus arranged collaboration with plan9 business idea competition on The 9th Cycle Launch pad and BIC 4th Cycle Incubatees ideas presented.	60 participants	18 Jan 2017	BU Karachi Campus
28	Economics Event "Ecoworld Innovative Economic Idea Competition	Bahria University Karachi Campus MS department organized Economics Event "Ecoworld Innovative Economic Idea Competition".	60 participants	28 Apr 2017	BU Karachi Campus
29	Ideapreneurship" (Business Plan Competition) Spring 2017	Bahria University Karachi Campus Entrepreneurship event "Ideapreneurship, spring, 2017" organized by Management Sciences Department and collaboration with Manger BIC-BUKC. Students were presented their Business Ideas from BBA-6 (all sections) and MBA-4 class". Pictures of event are enclosed	60 participants	15 May 2017	BU Karachi Campus

Incubatees of Business Incubation Centers' Achievements:

Team of BIC, BUIC won 3rd Prize at Pakistan Mobile App Awards – 2016

Pakistan Mobile App Awards 2016 competition was held on 31st January 2017 under the arrangement of Pakistan Telecommunication Authority and Internet Society Asia Pacific Bureau in collaboration with Ministry of IT and Telecom, Telenor and Special Talent Exchange Program (STEP). Following five students of Bahria University Islamabad Campus

studying in 5th semester Bachelor of Social Studies Program (International Relations) participated in the Competition under the supervision of Dr. Faisal Aftab (Director ORIC) and Manager, Business Incubation Centre (BIC):

- Haitham Naser
- Laraib Zehra
- Mariam Ijaz
- Taufeeq Rahim
- Naufil Bin Amir

The said team has presented its developed app named "ROLLOUT" which facilitating the people with disabilities and making them feel that they're part of this society by providing them with full information about different food and accessibility of

hosting places in their cities i.e. hotels, restaurants, hospitals, shopping stores, public spaces, educational institutions and entertainment places.

The Honorable President of Pakistan Mr. Mamnoon Hussain, graced the occasion and gave the prizes. It is

a matter of prestige for Bahria University that BU team stood at 3rd place in the said competition and received the prize money amounting to Rs. 100,000/- from the Honorable President of Pakistan.



Team of BIC, BUKC won 1st and 3rd Prize at INJAZ Pakistan

INJAZ PAKISTAN has organized the National Level Competition at Aman Foundation on 1st October, 2016. Five BIC Teams of Bahria University Karachi Campus (3rd Cycle) were selected and two teams won 1st prize and 3rd prize in the competition.

Team of BIC, BUKC won 2nd Prize at Talent Expo

Talent Expo has organized National Level Competition at Expo Center, Karachi on 19th October 2016. Team of BIC, Bahria University Karachi Campus (3rd Cycle) won 2nd prize in the competition.



Team of BIC, BUKC won 1st Prize at Business Idea Competition

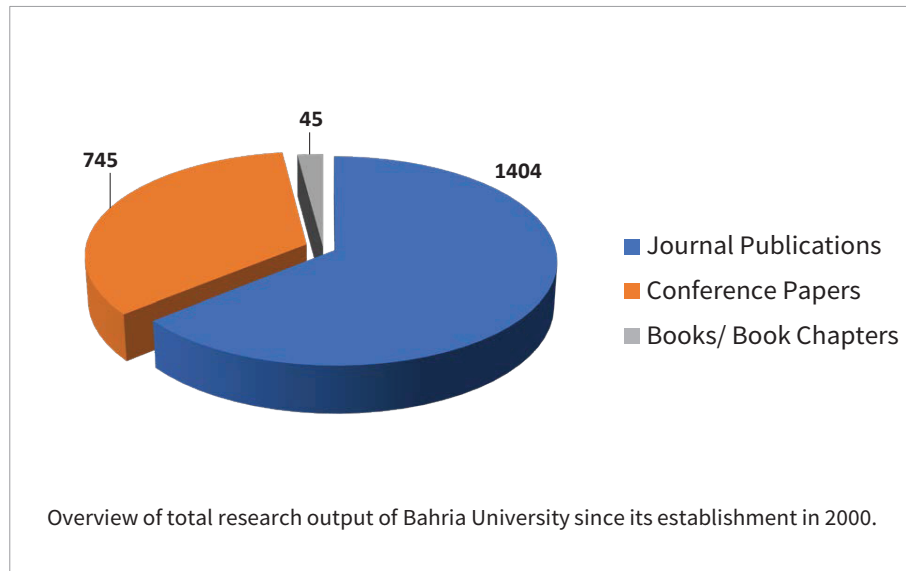
Iqra University has organized Business Idea Competition at Iqra University, Karachi on 27th October 2016. Team of BIC, Bahria University Karachi Campus (3rd Cycle) won 1st prize in the competition.

Awards - Taiwan 2016

Team "Wonder Tree" at BIC, Bahria University Karachi Campus consisting of members M. Usman and M. Ahmed participated in Asia Pacific Info Comm. Technology Alliance (APICTA Awards - 2016) held in Taiwan. Teams of 80 countries presented their projects. Wonder Tree from Bahria University won 1st position Gold at APICTA. Honorable Rector – BU also met the winning teams and appreciated their efforts.

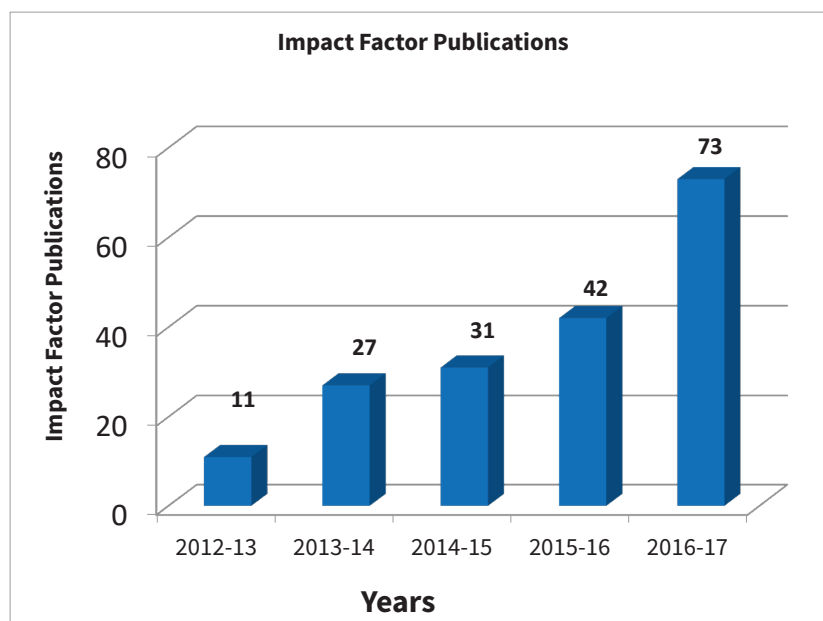
Overview of Research Output of Bahria University

As a result of our dedicated focus, research output of Bahria University has significantly increased over the last few years. Till date, faculty of BU has published 1404 journal publications, 745 conference papers and 45 books.



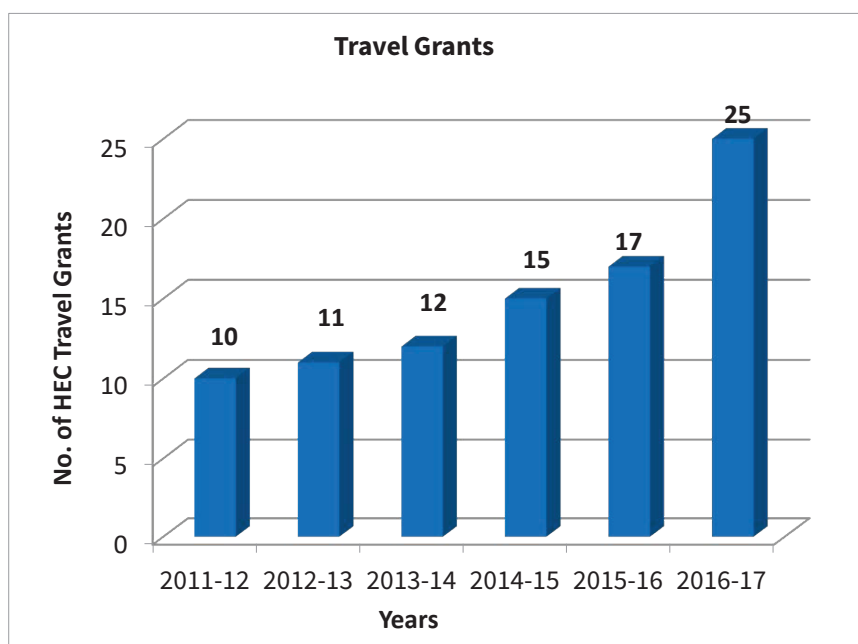
Impact Factor Publications

Impact factor publications are those publications which are published in Thomson Reuters (ISI) indexed impact factor journals. The number of Impact Factor Publications by the faculty members of BU for last five years is shown below:



Travel Grants from HEC / Other Sources

Travel grants acquired by the faculty members to attend international conferences have been increasing every year as shown in figure below:



Travel Grants acquired by faculty members from HEC to attend International Conferences (2016-17)

S.No.	Name of Faculty Member	Designation	Title of Paper Presented	Conference	Date	Amount Approved
1.	Dr. Muhammad Hanif	Associate Professor, MS, BUKC	An Evaluation of Takaful (Islamic Insurance): Case of Pakistan	World Finance Conference – New York, USA	29-31 July, 2016	Rs. 268,051/- By HEC
2.	Ms. Naveen Masood	PhD Scholar, EE, BUKC	Emotive Based Low-cost Brain Computer Interfaces: A Survey	7th International Conference on Applied Human Factors and Ergonomics (AHFE), Florida USA	27-31 July, 2016.	Rs. 273,875 By HEC
3.	Dr. Tehseen Ullah Khan	Professor, E&ES BUIC	Geochemistry and Tectonic setting of felsic dykes in the Neoproterozoic nagar parker igneous complex, SE Sindh, Pakistan	Seventh International Dyke conference, china	18-20 Aug, 2016	Rs. 211,300 By HEC
4.	Dr. Hafiz Mushtaq Ahmad	Professor, MS, BUIC	Role of Islamic Banking on Entrepreneurship: The key to global prosperity and employment	The Fourth International Conference in Economics, London, UK	10-12 Aug, 2016	Rs. 251,800 By HEC

S.No.	Name of Faculty Member	Designation	Title of Paper Presented	Conference	Date	Amount Approved
5.	Ms. Sadaf Nawaz	Lecturer, EE, BUIC	Throughput and Energy Efficiency of Two-tier Cellular Networks: Massive MIMO Overlay for small cells	International Wireless Communications & Mobile Computing Conference, Cyprus	5-9 September, 2016	Rs. 260,460 By HEC
6.	Dr. Kashif Zia	Assistant Professor, SE, BUIC	Conditions of Depleting Offender Behavior in Volunteering Dilemma: An Agent-Based Simulation Study	14th International Conference on the Simulation of Adaptive Behavior (SAB2016)	24-26 Aug, 2016	Rs. 274,804 By HEC
7.	Mr. Muhammad Taimoor Khan	PhD Scholar, CS, BUIC	Evolving Long-term Dependency Rules in Lifelong Learning Models	3rd International Conference on Knowledge Engineering and Applications, Singapore	28-30 September, 2016	Rs. 202,682 By HEC
8.	Dr. Humera Farah	Associate Professor, E&ES, BUIC	The Efficacy of UNDP-GEF's BRESL Program on Energy Efficient Fans Market: A Behavioral Analysis	Behavior, Energy & Climate Change Conference (BECC) 2016, Maryland, USA	19-22 October, 2016	Rs. 273,675/- By HEC-
9.	Dr. Riaz Ahmed	Assistant Professor, MS BUIC	Top Management Support and Project performance: An Empirical Study of Public Sector Projects	2016 American Society of Engineering Management (ASEM) International Annual Conference (IAC), USA	26-29 October, 2016	Rs. 284,375/- By HEC
10.	Mr. Sajid Farid	PhD Scholar, CS, BUIC	Homogeneous Interference Mitigation Techniques for Wireless Body Area Networks Under Coexistence: A Survey	International Conference APWIMOB, 2016, Indonesia	13-15 September, 2016	Rs. 179,170 By HEC
11.	Ms. Yamnah Hasan	Lab Engineer, EE BUKC	Comparative Analysis of Vehicle Detection in Urban Traffic Environment Using HAAR Cascaded Classifiers & Blob Statistics	Future Technologies Conference (FTC) 2016, San Francisco, USA	6-7 December, 2016	Rs. 248,560/- By HEC

S.No.	Name of Faculty Member	Designation	Title of Paper Presented	Conference	Date	Amount Approved
12.	Dr. Muhammad Arif	Associate Professor, MS BUIC	Impact of Abusive Supervision on Turnover Intention through Future Work Self-Salience and Organization Based Self-Esteem	Future of Marketing and Management, Malaysia	10-11 December, 2016	Rs. 183,572/- By HEC
13.	Ms. Uzma Jamil	PhD Scholar, Dept of CE BUIC	Digital Image Preprocessing and Hair Artifact Removal by Using Gabor Wavelet	ISOC – 13th International SoC Design Conference	23-26 October, 2016	Rs. 236,900 By HEC
14.	Mr. Ajab Khan	Assistant Professor, MS, BUIC	Financial Sustainability and Micro-Finance Institutions: Empirical Evidence from Pakistan	2017 International Academic Conference on Business San Diego San Diego, USA	12-16 March, 2017	Rs. 301,200 By HEC
15.	Ms. Maryam Iqbal	Senior Lecturer, EE, BUIC	H_{∞} Optimal Control of a Minimal State Space Realization Model of Coordinated Fingers Movement	IEEE International Conference on Electrical Engineering (ICEE), 2017 Lahore, Pakistan	2-4 March, 2017	Rs. 35,800 By HEC
16.	Mr. Shaftab Ahmed	Sr. Associate Professor, SE, BUIC	Emerging Smart World: Technologies, Concerns and Challenges	The Eleventh International Conference on Digital Society and eGovernment Nice, France	19-23 March, 2017	281,400 By HEC
17.	Mr. Rizwan Aamir	Assistant professor, CS, BUIC	Full Disclosure Attack on Ultra Lightweight Mutual Authentication Protocol: SASI	10TH Chaotic Modeling and Simulation International Conference Barcelona, Spain	30 May to 2 June, 2017	Approved by HEC but not availed. Rs. 246,420
18.	Mr. Haris Mumtaz	Jr. Lec, CS, BUIC	Critical Review of Static Taint Analysis of Android Applications for Detecting Information leakages	The 8th International Conference on Information, Technology ICIT-2017 Amman, Jordan	17-18 May, 2017	Approved by HEC but not availed. Rs. 103,632/-
19.	Mr. Kamran Iqbal	PhD Scholar, MS, BUIC	Psychological Capital and OCB: The Mediating Role of Psychological well-being	3rd International Research on Accounting Management and Business Innovation Graz, Austria	31st May, 2017	Approved by HEC Rs. 215,165/- but not availed.

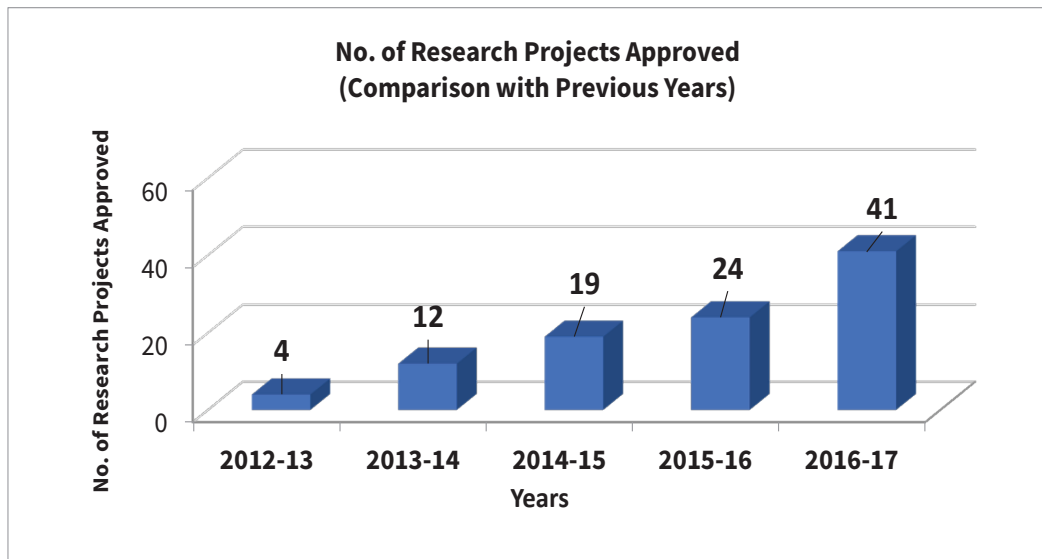
S.No.	Name of Faculty Member	Designation	Title of Paper Presented	Conference	Date	Amount Approved
20.	Dr. Rizwan Ul Haq	Assistant Prof. EE, BUIC	Influence of aligned magnetic field and CNTs in two different base fluids over a moving surface with slip effects	CMES 2017: The Second International Conference on Computational Mathematics and Engineering Sciences, Istanbul, Turkey	20-22 May, 2017	Approved by HEC Rs. 183,600
21.	Mr. Shamas Ul Deen	Lecturer, H&SS BUIC	Industrial Policy of Pakistan Amid of Local Challenges and Global Realities	New Industrial Policies in Emerging Economics – Institutional Foundations, Instruments and Economic, Berlin, Germany	26-27 June, 2017	Approved by HEC Rs. 201,252

Travel Grants acquired by faculty members from BU to attend International Conferences (2016-17).

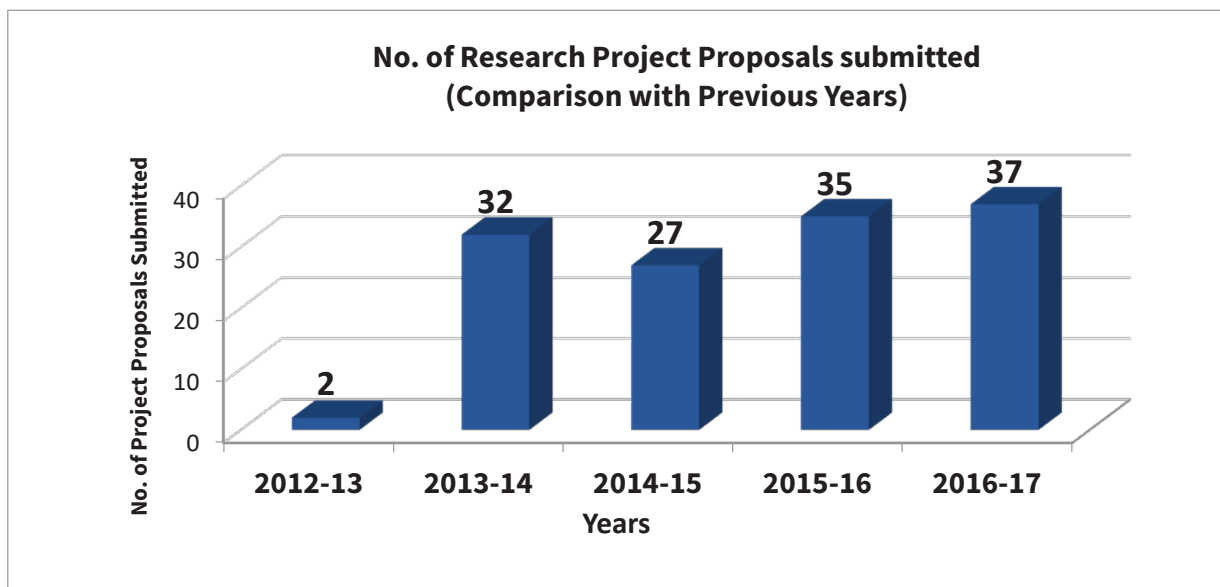
S. No.	Name of Faculty Member	Designation	Title of Paper Presented	Conference	Date	Amount Approved
1	Dr. Riaz Ahmed	Assistant Professor, MS BUIC	Impact of Project Manager's Intellectual Competencies on Project Success	American Society of Business and Behavioral Sciences Las Vegas, USA	23-26 March, 2017	Rs. 174,968 by BU
2	Dr. Muhammad Arif Khattak	Associate Professor, MS, BUIC	Impact of Procedural Justice on Organizational Commitment with Moderating Impact of Pay Satisfaction	American Society of Business and Behavioral Sciences Las Vegas, USA	23-26 March, 2017	Rs. 167,100 by BU
3	Dr. M Arif Khattak	Associate Prof. MS, BUIC	How Perceived Supervisor Moderates the Interconnection of Work-Family Conflict and Employee Job Satisfaction in Pakistani Banking Sector?	4th International Conference on Law, Management and CSR, Bangkok, Thailand	12-14 June, 2017	Rs. 125,289 by BU
4	Dr. Riaz Ahmed	Sr. Assistant Prof., MS, BUIC	Clarity in Communication and Employ Consistent Process Significantly Improve Project Performance	4th International Conference on Law, Management and CSR, Bangkok, Thailand	12-14 June, 2017	Rs. 125,289 By BU

Research Funding from External Sources

As shown in the table given below the number of approved projects by external funding agencies for research funding have been increased in last five years.



As shown in the table given below the number of projects submitted to external funding agencies for research funding have also been increased in last five years.



Details of External Funding from Research Projects

Bahria University believes that research work should be done at applied level where socio-economic improvements are evident. The details of research funding worth of Rs. 63.9883 Million acquired by the BU Researchers from external sources, for such research endeavors are as follows:

S. No.	Project Title	Principal Investigator/ Project Coordinator Department(s)	Approved Funding Amount (Rupees in Million)	Year of Funding	Funding Agency
Bahria University Islamabad Campus					
1	E-Learning System to Assist Elementary Education, Response Analysis and Early Detection of Psychological Disorder in Students worth	Dr. Tamim Ahmed Khan Associate Prof., SE, BUIC Dr. Faisal Aftab Associate Prof., MS, BUIC	12.7	24th January, 2017	National ICT R&D Fund
2	Content Based Indexing and Retrieval of Videos	Dr. Imran A. Siddiqui Assistant Professor Deptt., of CS, BUIC Dr. Shehzad Khalid Director ORIC, BUIC	10.3	24th January, 2017	National ICT R&D Fund
3	Grant for establishment of Business Incubation Centre, Bahria University Islamabad Campus	Dr. Faisal Aftab Associate Prof., MS, BUIC	7.216	16th June, 2017	HEC
4	Youth Leadership and Entrepreneurship Development (Y-LED) at Bahria University	Dr. Faisal Aftab Associate Prof., MS, BUIC	0.56	14th June, 2017	Australian Awards
5	Heat and Fluid Flow in the Presence of Nanoparticles	Dr. Rizwan Ul Haq Assistant Professor Deptt. of EE, BUIC	0.47	11th April, 2017	HEC – Startup Research Grant Program
6	An Enhanced Geographical Routing and Channel Congestion Scheme for Vehicular Ad Hoc Networks	Dr. Kashif Naseer Qureshi Assistant Professor Deptt. of CS, BUIC	0.475	6th June, 2017	HEC – Startup Research Grant Program
7	Dynamic Application Security Testing and Assurance	Dr. Waqas Aman Assistant Professor Deptt. of CS, BUIC	0.3905	31st May, 2017	HEC – Startup Research Grant Program
8	Effects of Node Deployment on Network Lifetime in Heterogeneous Wireless Sensor Networks	Dr. Shehzad Hassan Assistant Professor Deptt., of CE, BUIC	0.41	3rd March, 2017	HEC – Startup Research Grant Program
9	Microbial characterization and toxicity potential of environmental contaminants in shahpur dam, Attock district	Dr. Asma Jamil Assistant Professor Department of E&ES, BUIC	0.375	18th Nov, 2016	HEC – Startup Research Grant Program
10	Design & Implementation of Programmable Bit Synchronizer using FPGA/ Microcontroller	Dr. Atif Raza Jafri Senior Associate Professor, Deptt., of EE, BUIC	0.1	3 March, 2017	NESCOM

11	Protocol Analysis for Cyber Attack Mitigation	Dr. Tamim Ahmed Khan Head, Deptt., of SE BUIC	0.1	12th Jan, 2017	NECOM
12	Development of Traffic Analyzer (Student Project)	Supervisor: Dr. Tamim Ahmed Khan	0.1	9th March, 2017	NESCOM
13	Accident Prevention System	FYP – CS, BUIC	0.0488	22nd March, 2017	National ICT R&D Fund, Islamabad
14	Cardio Care	FYP – CS, BUIC	0.07	22nd March, 2017	National ICT R&D Fund, Islamabad
15	Child Location Tracking System	FYP – CS, BUIC	0.07	22nd March, 2017	National ICT R&D Fund, Islamabad
16	Intelligent Vehicular Accident Prevention System	FYP – EE, BUIC	0.06	22nd March, 2017	National ICT R&D Fund, Islamabad
17	Self-Powered Solar Panel Data Logger	FYP – EE, BUIC	0.052095	22nd March, 2017	National ICT R&D Fund, Islamabad
18	Modelling of Humanoid Prosthetic Arm	FYP – EE, BUIC	0.07	22nd March, 2017	National ICT R&D Fund, Islamabad
19	Extraction of Emotions from Speech	FYP – SE, BUIC	0.005	22nd March, 2017	National ICT R&D Fund, Islamabad
20	Road Cuber	FYP – SE, BUIC	0.07	22nd March, 2017	National ICT R&D Fund, Islamabad
21	Sample Analysis from Geosciences Advanced Research Laboratory, Geological Survey of Pakistan, Islamabad (Student Project)	Supervisor: Mr. Saqib Mahmood Student Name: Mr. Abdul Wasy-Bin Zahid, E&ES, BUIC	0.075	25th Jan, 2017	Access to Scientific Instrumentation Program by HEC
22	Sample Analysis from Hydrocarbon Development Institute of Pakistan, Islamabad (Student Project)	Supervisor: Prof. Dr. M. Zadar Student Name: Mr. Shah Faisal Zeb, E&ES, BUIC	0.075	25th Jan, 2017	Access to Scientific Instrumentation Program by HEC
23	Sample Analysis from Geosciences Advanced Research Laboratory, Geological Survey of Pakistan, Islamabad (Student Project)	Supervisor: Prof. Dr. Tahseenullah Khan Student Name: Ms. Falak Iltaf, E&ES, BUIC	0.07	18th April, 2017	Access to Scientific Instrumentation Program by HEC
24	Sample Analysis from Geosciences Advanced Research Laboratory, Geological Survey of Pakistan, Islamabad (Student Project)	Supervisor: Prof. Dr. Tahseenullah Khan Student Name: Syed Waqas Haider, E&ES, BUIC	0.024	25th Jan, 2017	Access to Scientific Instrumentation Program by HEC
Bahria University Karachi Campus					
1	Design and Development of a high speed 3D-optical scanner based on machine vision for parts manufacturing industries in Pakistan	Dr. M. Anzar Alam Associate Professor Deptt. of EE, BUKC	8.84	3rd May, 2017	HEC-NRPU

2	Spatial Analysis of Groundwater quality of the uthal (Balochistan), with reference to PB	Dr. Salma Hamza (PI) Assistant Professor Deptt. of E&ES, BUKC Prof. Dr. Mubarik Ali (Co-PI) Head. Deptt. of E&ES, BUKC	5.403	3rd May, 2017	HEC-NRPU
3	Marine Habitat investigation in Karachi seawaters using modern acoustic seabed mapping technologies	Prof. Dr. Mubarik Ali Head. Deptt. of E&ES, BUKC	1.612	3rd May, 2017	HEC-NRPU
4	Grant for PPL Chair on Geophysics at BUKC	Prof. Dr. Mubarik Ali PPL Chair & Head, E&ES Deptt., BUKC	7.58	8th Oct, 2016	Pakistan Petroleum Limited
5	Child Surveillance using Sensor Based Signal	FYP – CS, BUKC	0.03	22nd March, 2017	National ICT R&D Fund, Islamabad
6	Smart Cart using Embedded for Handicap & Disable People	FYP – CS, BUKC	0.07	22nd March, 2017	National ICT R&D Fund, Islamabad
7	Secure BCIs Android Lock Screen Applications	FYP – CS, BUKC	0.07	22nd March, 2017	National ICT R&D Fund, Islamabad
8	Development of Disaster Recovery & Rescue Communication System using Multipath Routing Ad Hoc Network DRRC	FYP – CS, BUKC	0.07	22nd March, 2017	National ICT R&D Fund, Islamabad
9	Atmospheric Water Generator	FYP – EE, BUKC	0.07	22nd March, 2017	National ICT R&D Fund, Islamabad
10	User Control Vehicle Tracking System	FYP – C&SE, BUKC	0.049	22nd March, 2017	National ICT R&D Fund, Islamabad
11	Opinionist	FYP – C&SE, BUKC	0.002	22nd March, 2017	National ICT R&D Fund, Islamabad
12	Virtual Flight	FYP – C&SE, BUKC	0.07	22nd March, 2017	National ICT R&D Fund, Islamabad
13	Transit Pakistan	FYP – C&SE, BUKC	0.01	22nd March, 2017	National ICT R&D Fund, Islamabad
Institute of Professional Psychology					
1	Multicentre RCT to evaluate the clinical and cost-effectiveness of a culturally adapted therapy (C-MAP) in participants with a history of self-harm	Dr. Zainab F. Zadeh Director, IPP BUKC	1.98	8th Oct, 2016	Medical Research Council (MRC)
2	Competency based Assessment solutions for employees Assessment	Dr. Zainab F. Zadeh Director, IPP BUKC	0.8	23rd Oct, 2016	Sui Southern Gas Company Limited
NCMPR					
1	Aquatic Diagnostic Lab (ADL) up gradation at NCMPR, Bahria University, Karachi Campus	Dr. Safia Mushtaq Assistant Professor, NCMPR, BUKC	2.4453	8th May, 2017	HEC - Institutional Strengthening Grant for upgradation laboratories and libraries

2	Establishment of "Aquatic Diagnostic Lab" to Observe the Shrimp Diseases	Dr. Safia Mushtaq Assistant Professor, NCMPR, BUKC	1.0	29th Sep, 2016	Fisheries Development Board (FDB)
Grand Total			Rs. 63.9883 Million		

Commercialization of Research

Patents Filed

S. #	Title of patent	Name of the Principal Investigator	Patent grant/ issuance	Approving Authority/ PO	Major Area
1	High Precision Weighing and Weight Management	Dr. Tamim A. Khan	Patent filed	Intellectual Property Organization of Pakistan (IPO)	Software Engineering
2	Jape Electric Life Protector (JELP)	Ms. Fazila Shams	Patent filed	Intellectual Property Organization of Pakistan (IPO)	Software Engineering
3	FPGA based System Design for Light Matrix Communication	Mr. Yasal Imran Waheed	Patent filed	Intellectual Property Organization of Pakistan (IPO)	Software Engineering
4	Engine start/stop mechanism and electronic kit to upgrade manual automobiles with start/stop mechanism	Dr. Muhammad Ali Shami	Patent filed	Intellectual Property Organization of Pakistan (IPO)	Electrical Engineering
5	IIS (International Intercom Services)	Mr. Ammar Ali Alvi	Patent filed	Intellectual Property Organization of Pakistan (IPO)	Software Engineering
6	Apparatus for high efficiency air conditioner with thermal energy storage	Mr. Jehanzeb Ahmad	Patent filed	Intellectual Property Organization of Pakistan (IPO)	Software Engineering

Number of research products/process gone into prefeasibility /prototype development

S. #	Title/Name of the Product or Process	Principal Investigator	Research project title under which product or process is being developed	Current Status
1	KNOW WHERE	Ali Qasim	App/Process of Incubatee Company of Bahria University	Prototype developed and tested
2	KonnectShop	Asad Ali Shah	App/Process of Incubatee Company of Bahria University	Prototype development phase
3	E-Learning System	Dr. Tamim A. Khan	E-Learning System to Assist Elementary Education, Response Analysis and Early Detection of	Product developed and implemented
4	Flour Mills Management System (FMMS)	Dr. Tamim A. Khan	Student's Project	Product developed and implemented

Bahria University Best Faculty & Student Researcher Awards – 2016

In order to encourage the faculty members and students of Bahria University for the achievements of their research endeavors in a particular year, BU has the policy of Best Faculty and Student Research Awards.

Best Faculty & Student Researcher Awards (faculty wise) for the year 2016 have been awarded by Vice Admiral (R) Tanveer Faiz HI(M), Rector – Bahria University to the following faculty members & students of Bahria University at Islamabad & Karachi Campuses and BUM&DC, Karachi;

BEST FACULTY RESEARCHER AWARD - 2016		
S. No.	Name of Faculty Member	Faculty
i	Prof. Dr. Shehzad Khalid Director PGP & Professor Department of CE, BUIC	Faculty of Engineering & Environmental Sciences
ii	Dr. Aansa Rukya Saleem Assistant Professor Department of E&ES, BUIC	
iii	Prof. Dr. Mubarik Ali HOD & Professor Department of E&ES, BUKC	
iv	Mr. Muhammad Umair Arif Assistant Professor Department of E&ES, BUKC	
v	Prof. Dr. Faisal Aftab Director ORIC & Professor Department of MS, BUIC	Faculty of Management & Social Sciences
vi	Dr. Riaz Ahmed PGP Coordinator & Associate Professor Department of MS, BUIC	
vii	Dr. Zainab Hussain Bhutto Associate Professor Institute of Professional Psychology, BUKC	
viii	Dr. Daud Mirza HOD & Assistant Professor Department of Oral Pathology, BUM&DC (Dental Section), Karachi	Faculty of Health Sciences

BEST STUDENT RESEARCHER AWARD - 2016		
S. No.	Name of PhD Scholar/Student	Faculty
i	Mr. Muhammad Taimoor Khan PhD Scholar (Computer Sciences) Department of CS, BUIC	Faculty of Engineering & Environmental Sciences
ii	Mr. Atif Bilal PhD Scholar (Management Sciences) Department of MS, BUIC	Faculty of Management & Social Sciences



Prof. Dr. Shehzad Khalid is receiving the Best Faculty Researcher Award – 2016 from Honorable Rector

Prof. Dr. Faisal Aftab is receiving the Best Faculty Researcher Award – 2016 from Honorable Rector

Prof. Dr. Mubarik Ali is receiving the Best Faculty Researcher Award – 2016 from Honorable Rector

Dr. Riaz Ahmed is receiving the Best Faculty Researcher Award – 2016 from Honorable Rector



Dr. Zainab Hussain Bhutto is receiving the Best Faculty Researcher Award – 2016 from Honorable Rector



Mr. Muhammad Umair Arif is receiving the Best Faculty Researcher Award – 2016 from Honorable Rector



Dr. Daud Mirza is receiving the Best Faculty Researcher Award – 2016 from Honorable Rector



Mr. Muhammad Taimoor Khan is receiving the Best Faculty Researcher Award – 2016 from Honorable Rector



Mr. Atif Bilal is receiving the Best Faculty Researcher Award – 2016 from Honorable Rector



Dr. Aansa Rukya Saleem Ahmed is receiving the Best Faculty Researcher Award – 2016 from Honorable Rector

Number of Research Links Established

S. #	Title of Collaborating	Name of Institutes	Date of link established	Department/ Campus with whom links established	Major Area of linkage
1	MoU	Institute of Strategic Studies Islamabad	25 August, 2016	H&SS, BUIC	Improve the scientific and academic cooperation level of the two Institutes
2	MoU	National Institute of Electronics	18 January, 2017	EE, BUIC	Collaboration for contributions in the field of science and technology to further improve the R&D activities in Pakistan
3	MoU	Human Development Foundation	23 Dec, 2016	Bahria University	Community Development & Research
4	MoU	INDUCTIN	24 May, 2017	Bahria University	Training and Development and diffusion of knowledge
5	MoU	Cursor of Development and Education Pakistan (CODE)	18th May, 2017	LAW, BUIC	Youth Development Programs & Research
6	MoU	4 Network (Pvt.) Ltd	17 Feb, 2017	Media Studies, BUIC	The mutual exchange of information, the improvement of research and academic programs
7	MoU	Humanetek SMC Pvt. Ltd.	8 December, 2016	Bahria Univeristy Islamabad Campus	Mobilizing, recruiting and Training Youth Volunteers for Mohafiz Volunteer force
8	MoU	Shifa Foundation	23 September, 2016	Bahria Univeristy Islamabad Campus	Public Health Education & Specific Academic Programs
9	MoU	Eidetic Psychology Solution Kilkenny, Republic of Ireland	1 August, 2016	Professional Psychology, BUIC	Research & Development
10	MoU	Fisheries Development Board for Establishment of Aquatic Diagnostic Laboratory	September 29, 2016	NCMPR, BUKC	Promote sustainable (economic, social, environmental) aquaculture development in Pakistan
11	MoU	Recovery House	March 1st, 2017	IPP, BUKC	Community Outreach Program

Pictorial Gallery of MOUs Signing Ceremonies



MOU Signing Ceremony between BU & Inductin



MOU Signing Ceremony between BU & OPEN Karachi



MOU Signing Ceremony between BU & Fisheries Development Board



MOU Signing Ceremony between BU & Institute of Strategic Studies



MOU Signing Ceremony between BU & Shifa Foundation



MOU Signing Ceremony between BU & National Institute of Electronics (NIE)

NATIONAL CONFERENCES ORGANIZED BY BAHRIA UNIVERSITY

1st International Conference on 'Conventional & Unconventional Resource Exploration Hydrocarbon Energy & Challenges' CUREHECS-2016

Bahria University Karachi Campus hosted 1st International Conference on 'Conventional & Unconventional Resource Exploration Hydrocarbon Energy & Challenges' CUREHECS-2016, a two-day conference organized on 21st and 22nd September, 2016. The purpose was to bring together researchers from academia and petroleum industry to exchange their research ideas/ work and to discuss the state-of-the-art research in the hydrocarbon exploration.

Honorable Mr. Syed Wamiq Bokari, Managing Director & CEO of Pakistan Petroleum Limited inaugurated the conference. While addressing the audience of the conference, he emphasized on the importance of oil and gas sector and the challenges that are being faced in this respect. He said that Pakistan is soon going to be the 5th most populous country in the World. It is crucial for us to explore the untapped resources

hidden beneath the earth, for our energy needs, economy and development. We must now be focusing on the offshore potential of Pakistan, as till now all the exploration work is restricted on onshore only. Law and order situation is steadily improving and with this we are confident that we will be able to attract multinational companies to carry on exploration work in Pakistan.

Rector Bahria University, Vice Admiral (R) Tanveer Faiz HI(M) thanked all the participants during his welcome address. He specifically mentioned that the conference is aimed at providing resolves to the energy sector, as it remains the hallmark of the China-Pakistan Economic Corridor (CPEC) initiative taken by the Government of Pakistan. The energy sector being within the ambit of CPEC is expected to identify ample resources for the ensuring industrial zones along CPEC routes, en route to country's economic progress. We can succeed only with continued interest and support from diverse parties including industry and the academia.

Distinguished international keynote speakers Professor Dr. Bilal-ul-Haq, Mr. Philip Goldstone and Mr. Pablo Saldungaray were the keynote speakers at the conference. A large number of speakers from home and abroad also attended the conference.

The conference, a joint venture between Bahria University and Pakistan Petroleum Limited aimed at providing an opportunity for researchers and practitioners to present their contributions and exchange ideas related to various challenges in the domain of conventional and unconventional hydrocarbon resources

Glimpses of CUREHECS-2016





IEEE International Conference on Communication, Computing and Digital Systems (C-CODE)

Faculty of Engineering Sciences, Bahria University has organized a two days IEEE International Conference on Communication, Computing and Digital Systems (C-CODE) on 8–9 March, 2017 in Islamabad. The aim of this conference was to provide an international forum for academia, research organizations and industry to share their knowledge, experience, and contributions. The event provided a unique platform to discuss latest innovations and challenges, local as well as global, in the fields of communication, computing and digital systems. The conference had several technical sessions, invited talks by eminent speakers and panel discussions.

In addition to a wide range of research topics covered in the **C-CODE'17**, a key focus of the conference was on Internet of Things (IoT). IoT has emerged as a powerful and promising technology with significant technical, social and economic impacts. The inspiration of C-CODE'17 was to have a complete analysis of the IoT systems including their software, hardware and communication techniques. C-CODE2017 witnessed the participation from not only our home country, but also from UK, Turkey, Malaysia, Netherlands etc. Seventy-two papers were presented during the conference and it's been a great achievement to accelerate our research activities and development. Such initiatives are something that we look forward to and would like to enhance in order to fulfill the aspiration of the country's vision in education and research. Through C-CODE 2017, researchers are encouraged to promote and address new findings and new paradigms especially in the field of communication, computing, and digital systems.

Glimpses of C-CODE'17



Participation of Bahria University in World Intellectual Property Day – 2017

Intellectual Property Organization of Pakistan (IPO) in collaboration with United States Assistance for International development (USAID) and World Intellectual Property Organization (WIPO) celebrated World Intellectual Property Day on 27 April, 2017 at Marriott Hotel Islamabad.

Bahria University under the auspicious directions of Dr. Faisal Aftab Director (ORIC) displayed following two inventions of the Department of Software Engineering, BUIC in the event.

a. High Precision Weighing & Weight Measurement System

Developed by Musab Umer, Sohail Ashraf, Syed Ali Husnain under Supervision of Dr.

Tamim Ahmed Khan – HOD Dept. of SE, BUIC

b. Jape Electric Life Protector (JELP)

Developed by Ms Fozila Shams under the Supervision of Dr. Tamim Ahmed Khan – HOD Dept. of SE, BUIC

The event was attended by the delegates from US – Embassy Pakistan, US State Department of Commerce, Industrial representatives, R&D organizations, Lawyers and Academic Organizations. Only 10 universities have established their stalls to showcase their innovations.

Mr. M. Baligh ur Rehman (Minister for Federal Education & Training) attended the event as Chief Guest. He commended the efforts made by the researchers in improving the lives of common man. He also visited the stalls and appreciated the efforts made by Bahria University for the promotion of research and innovation. Dr. Faisal Aftab received a Shield from the Chief Guest in the concluding ceremony.



Participation of Bahria University in International Robotics Competition at Germany

RoboCup is the leading and largest competition for intelligent robots, and one of the world's most important technology events in research and training. The team 'Machinilog' from Bahria University Islamabad, which is one of the leading institutes in Science and Technology – after indigenously designing a robot successfully qualified for the RoboCup@Home

2016. The team comprises of five under-graduate engineering students, Haseeb Aslam (team lead), Tahir Mehmood, Basit Akram, Osama Ahmed and Hamza Hakeem along with two mentors, Arsalan Akhter and Ammar Ajmal.

The team participated in RoboCup@Home in Germany on July 2016. Only 24 teams from all around the world participated. Team Bahria managed to get ahead of two teams despite the fact that their robot was indigenously designed with a very menial cost. This is an achievement in itself.

“Qualification is unquestionably a milestone in our journey of RoboCup@Home competition. It is the

result of tireless efforts of the team and interminable support from our mentors that we have qualified. We hope to do well in the competition.” said Haseeb Aslam, the team lead of ‘Machinilog’.

In order to qualify for this specific league, the teams were supposed to design robot capable of performing some benchmark tasks in a given scenario of a basic home environment. Furthermore, they had to submit a qualification video of working of the robot along with a team description paper describing their work to the RoboCup Federation. All

of these were assessed on the amount of scientific contributions, design techniques, creativity and innovation involved in the designing of the robots. “I know for a fact that this team could do wonders, if provided with the right infrastructure and resources required.” said Arsalan Akhter, project supervisor. “I have seen students spend numerous nights at the university. I am glad that their efforts have proved to be fruitful in the form the qualification. I wish them best of luck for the event.” said Prof. Dr. Shehzad Khalid – Head of Computer Engineering Department.



Visit Of Assistant Director - ORIC To USA for Attending “Technology Transfer Program”

Mr. Adeel Ahmad, Assistant Director – ORIC, Bahria University Head Office, Islamabad participated in “Technology Transfer Program” sponsored and organized by United States Department of Commerce under Commercial Law Development Program (CLDP) in Washington D.C and Michigan – United States of America on 4th October, 2016 to 14th October, 2016.

Fifteen-member delegation comprising of officials from the Offices of Research, Innovation and Commercialization (ORICs) established at Pakistani

Universities participated in the subject program. The sole purpose of the visit was to familiarize the professionals from Pakistani Universities on implementation of best practices adopted and implemented in USA organizations. During the visit, interactive sessions were conducted at the following institutions:

1. United States Patent Office Headquarters (USPTO)
2. University of Michigan
3. Michigan State University
4. Wayne State University




Research Visit Of Mr. Asif Javed (Faculty Member of Bu) to Columbia University, Usa

It is matter of prestige for Bahria University that Mr. Asif Javed, Senior Assistant Professor, Department of Earth and Environmental Sciences, Bahria University Islamabad Campus, is doing research in one of the top IV league Columbia University, New York, USA. The research endeavor is funded by Columbia University, New York, USA.

Mr. Asif Javed, is working on the uptake of Arsenic (well known carcinogen) by rice in Indus Flood Plain. Mr. Javed has conducted measurements of arsenic concentrations in irrigation water, soil, and rice with field kits across the Indus flood plain. He has also collected the same samples of well water, paddy soil, and rice, which are now being analyzed for arsenic at Lamont-Doherty Earth Observatory, Earth Institute of Columbia University. By systematically inter-calibrating these with laboratory measurements, Mr. Javed will be able to determine whether field-kit measurements should be expanded to other areas of Pakistan susceptible to arsenic contamination of groundwater and also future exposure can be minimized by restricting the rice production to areas free of arsenic.







Chapter - 3

Quality Assurance



Quality Assurance in Higher Education

Quality Assurance in Higher Education is systematic implementation of quality enhancement procedures/criteria through which an institution can guarantee with confidence and certainty that the standards of educational provisions are being maintained and enhanced. HEC Quality Assurance Agency QAA was established in 2005 as a policy making and monitoring body to; ***“Implement quality enhancement procedures/criteria to attain improved levels of international compatibility and competitiveness at institutional and programme level”*** Quality Enhancement Cells (QECs) were first established by QAA in 2006-07 at ten public sector universities for improvement of the academic, teaching and learning standards, where as in 2007-08 twenty more QECs were established in the public sector universities. The QEC family was extended to another fifteen public and private sector universities in 2009-10 and twenty four in public sector universities in 2010-11.

Phase	Year	QEC Established in Universities
Phase I	2006	10
Phase II	2008	20
Phase III	2009	15
Phase IV	2011	24

Directorate of Quality Assurance (DQA)

The Directorate of Quality Assurance (QEC according to HEC nomenclature) Bahria University was established during Phase III in July, 2009. DQA operates under the umbrella of Quality Assurance Agency (QAA) of Higher Education Commission (HEC), for the promotion of quality education in Bahria University.

In pursuance of ‘Quality Enhancement’ in Higher Education, Self-Assessment processes and procedures provided by QAA of HEC are being fully implemented at Bahria University since September 2010. Academic Programmes of BU have been accredited with accreditation bodies like; Pakistan Engineering Council (PEC), Pakistan Medical & Dental Council (PMDC), Pakistan Bar Council (PBC), Pakistan Nursing Council (PNC), National Computing

Education Accreditation Council (NCEAC) & National Business Education Accreditation Council (NBEAC).

Functions of Directorate of Quality Assurance

DQA Bahria University introduces quality culture by implementing “Self-Assessment procedures and Quality Standards as prescribed by Higher Education Commission of Pakistan.

DQA performs following specific functions:

- Implementation of HEC Quality Standards through Self-Assessment Procedures
- Development and implementation of Qualifications Framework by setting out the attributes and abilities that can be expected from the holder of a qualification.
- Conduct and coordination of Institutional Performance Evaluation Standards (IPES) with HEC
- Implementation of QA Processes and Methods of Evaluation/Assessment
- Preparation and Submission of Progress Reports to HEC
- Preparation and Submission of Business Plan to HEC
- Preparation and Submission of Annual Report to HEC
- Scrutiny of Research Publications
- Implementation of Anti-Plagiarism Policy
- Recognition/Approval of BU Research Journals from HEC and their up gradation
- Collection/Compilation of data for HEC & QS Rankings

Impact of Quality Assurance & Academic Audits

- More Ph.D. faculty have been hired/inducted.
- Teaching and Learning methods have been improved.
- Student's Feedback/Surveys are given due importance.
- PERN utilization has been increased
- More Research publications in ISI – indexed & Impact factor journals
- More offices for faculty & classrooms for students have been established.
- Libraries of the Campuses have been upgraded.

Category wise HEC Ranking

HEC announced first ranking of Public Sector Universities in 2010. All Public Sector Universities were divided into seven categories i.e. Agriculture, Engineering & Technology, Health, Art & Design, Management, Medical and General. BU was placed in **General Large Category** and its ranking was 9 out of 13 in 2010 and 14 out of 17 in 2013 among its peer universities.

Ranking of Quality Assurance Directorate by HEC

HEC conducts **Quantitative Assessment** to categorize Quality Assurance Directorates of respective universities after every six months. The ranking is based on performance in enhancing quality of education at respective universities. Comprehensive Quarterly Progress Reports of Quality Assurance Directorates are regularly submitted to QAA and score cards are accordingly issued by HEC. QEC Ranking Criteria is categorized in W, X, Y & Z categories. W is the Highest Rating Criteria ranging between 85 to 100% marks.

DQA of BU scored 94 marks on the scale of 100 and was placed in highest category in 2014 as announced by Quality Assurance Agency (QAA) of HEC.

Membership of International Quality Networks

DQA of Bahria University is member of following International Quality Networks/ Organizations:

- APQN (Asia Pacific Quality Network)
- INQAAHE (The International Network For Quality Assurance Agencies in Higher Education)
- AQAAIW (Association of Quality Assurance Agencies of the Islamic World)
- Talloires Network
- ACU (Association of Commonwealth Universities)

Bahria University Academic Audit Mechanism

Quality Assurance Directorate of Bahria University has achieved another landmark by introducing comprehensive Academic Audit Mechanism. BU Academic Audit Manual is introduced to implement BU Tripartite Academic Audit System through setting out a step by step procedure. The Tripartite Academic Audit System is aimed at gathering evidence-based information from the academic departments on the quality of the programs they are running and to encourage a culture of continuous self-improvement among them. This auditing system provides a focus for meeting the quality standards consistently for continuous improvement in the academic system of the departments as well as keeping them up-to-date vis-à-vis the accreditation requirements.

This system works through enforcing accountability among various performance centers responsible for meeting the quality standards falling under

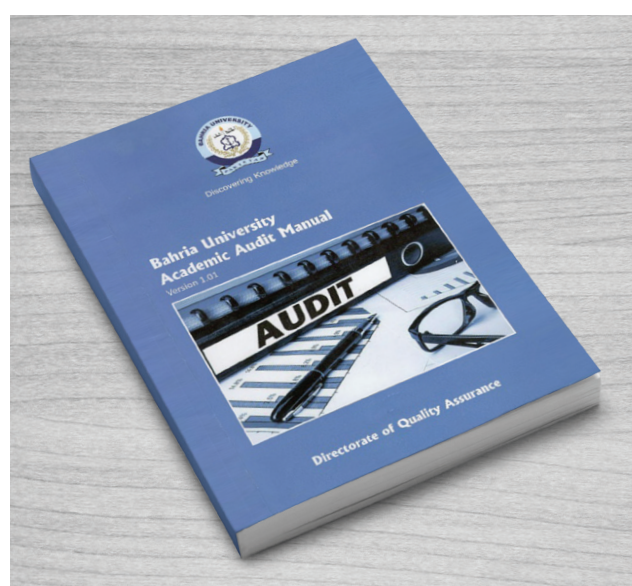
their purview. It does not only examine how the performance centers manage their own responsibilities for meeting the quality standards, it also enables the academic departments enter into a mature and reflective dialogue with the other performance centers about the ways in which they discharge their obligations for meeting the quality standards on day-to-day basis; thus contributing to the development of a BU quality assurance culture.

BU Academic Audit System is an evidence-based process. The information in the self-assessment/SAR must be cross-referenced to the supporting documentation submitted, and should illustrate and substantiate the descriptions and statements made. Supporting evidence would clearly be labeled and numbered to enable the peer review panel to navigate through it.

BU Academic Audit System is of cyclic nature. Combined with thorough self-assessment/self-audit approach, cyclic nature of the system makes the quality assurance a continuous, active and responsive process through critical evaluation of performance by the academic department themselves. On-going self-assessment can have beneficial departmental quality maintenance and enhancement effects. It makes thesis of this audit system that regular review of processes, activities, output data and other evidence against the applicable quality standards shall be

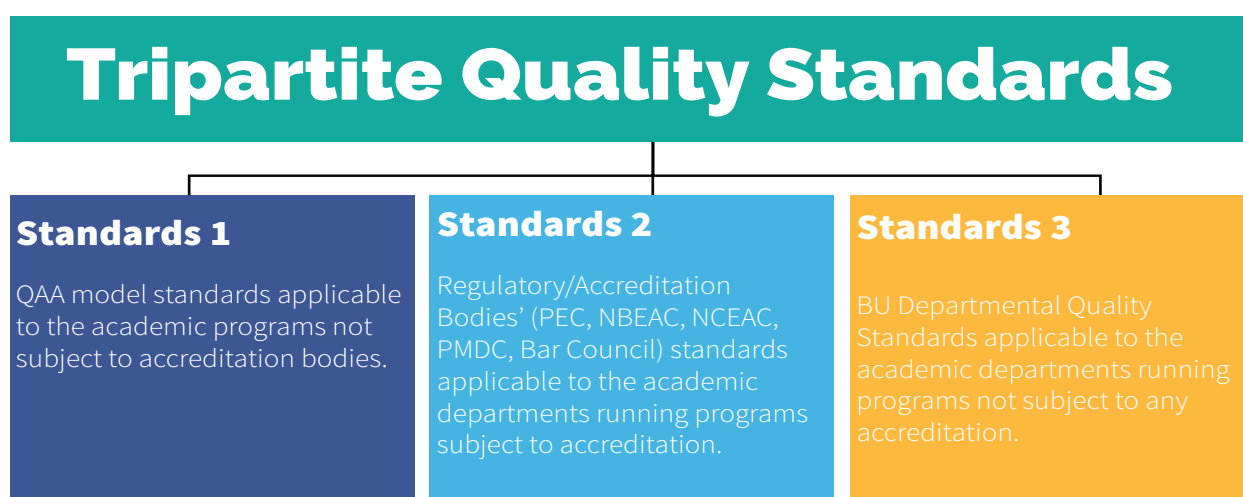
integral part of a department's total planning and implementation.

Followed by self-evaluation, the BU Audit System have a professional system of peer review at its core, carried out by panel of experts lead by the Faculty Deans in line with procedures set out in the BU Academic Audit Manual. Peer review reports include findings, both good practice and areas for improvement. Reports containing recommendations that require a subsequent action plan/corrective action plan would determines a follow-up procedure which should be implemented consistently by the academic departments within a defined time scale.



Tripartite Quality Standards

The Academic Audit System at BU uses three sets of standards to review the performance of the programs academic departments are running.



Academic Audits of BU Campuses

The following are details of BU Academic Audits done by QA Directorate during 2016-17:

Mock Audit - Bahria University Lahore Campus – 19 to 20th Oct 2016	
Mock Audit	Committee
BS CS	Dr. Najam ul Islam, Dean ES
BS IT	Dr. Faisal Bashir, HOD CS, BUIC
BBA	Dr. M Ali Saeed, HOD, MS, BUIC
MBA	Mr. Fazal Wahab, DQA

Mock Audit - Bahria University Islamabad Campus – 20-22 March, 20	
Mock Audit	Committee
BEE, BSE and BCE	Dr. Najamul Islam, Dean ES Dr. Haroon, HoD EE, BUKC Dr. Sohaib, HoD C&SE, BUKC Mr. Fazal Wahab, DQA

Mock Audit - Bahria University Karachi Campus – 21-22 Nov 2016	
Mock Audit	Committee
BBA MBA	Dr. Farooq –e- Azam Cheema, Dean M&SS Mr. Fazal Wahab, DQA Dr. M Ali Saeed, HOD MS, BUIC Ms. Sobia Shujjat, Assistant Professor MS, BUIC

Mock Audit - Bahria University Islamabad Campus - 13-14 April 2017	
Mock Audit	Committee
PhD Programs Electrical Engineering Computer Sciences Software Engineering Computer Engineering Management Sciences Clinical Psychology Geology	Dr. Najamul Islam, Dean ES Dr. Bahsir Ahmad, PG Coordinator, MS Department, Karachi Dr. Haroon-ur-Rashid, HOD (EE), Karachi Campus Dr. Shahzad Khalid, Director PGP Mr. Fazal Wahab, DQA

Mock Audit - Bahria University Medical & Dental College, Karachi - 14-Mar-17	
Mock Audit	Committee
M. Phil Bio-Chemistry M. Phil Physiology	Dr. Shehzad Khalid, Director PGP Mr. Fazal Wahab, DQA Surg Cdr (R) Mr. Hamidullah Ariff, DHS

Mock Audit - Bahria University Karachi Campus – 30-31 May 2017	
Mock Audit	Committee
BSE and BCE	Dr. Najam ul Islam, Dean ES Mr. Fazal Wahab, DQA Dr Khuramm Shahzad, HOD, CE, BUIC

Mock Audit - Bahria University Karachi Campus - 15-16 Mar 2017	
Mock Audit	Committee
MS/MPhil Programs MS, PM, Finance, CS, T&N, SE, CE, ES, Geophysics, Geology, EE, Clinical Psychology, Professional Psychology	Dr. Najamul Islam, Dean ES Dr. Shahzad Khalid, Director PGP Mr. Fazal Wahab, DQA Dr. Riaz Ahmed, PG Coordinator MS BUIC

Mock Audit - Bahria University Karachi Campus – 1 Jun 2017	
Mock Audit	Committee
BS IT	Dr. Najam ul Islam, Dean ES Mr. Fazal Wahab, DQA Dr Faisal Bashir, HOD, CS, BUIC

Audit - Bahria University Karachi Campus - 15-16 Mar 2017	
Mock Audit	Committee
PhD Programs MS, CS, ES, EE, Clinical Psychology, Organizational Psychology, Educational Psychology	Dr. Najamul Islam, Dean ES Dr. Shahzad Khalid, Director PGP Mr. Fazal Wahab, DQA Dr. Riaz Ahmed, PG Coordinator MS BUIC

Self Assessment 2016-17				
S#	Campus	Programs	Date	Committee
1	Islamabad	MS PM MS ES	30-31 Jan 2017	1. Dr. Mubarik Ali Associate Professor, MS, BUKC 2. Fazal Wahab DQA 3. Dr. Bashir Ahmad Associate Professor, MS, BUKC 4. Dr. Raiz Ahmed Sr. Assistant Prof, MS, BUIC
2	Karachi	BS Geo- Physics MS ES	20-21 Feb 2017	1 Dr. M. Zafar Professor, E&ES, BUIC 2 Dr. Mubarik Ali HOD, E&ES, BUKC 3 Mr. Fazal Wahab DQA, BUHO 4 Mr. Asif Javed Sr. Assist Prof, E&ES, BUIC
3	Lahore	MS PM MS ES	6-Mar-17	1. Mr. Fazal Wahab DQA, BUHO 2. Mr. Fareed Zafar Associate Professor, MS, BUIC 3. Dr. Riaz Ahmed Sr. Assistant Professor, MS, BUIC

Self Audit Bahria University Medical & Dental College Karachi		
Programs	Date	Committee
Biochemistry	15-16 Aug 2016	1. Prof. Dr. Zehra Naz, Biochemistry, BUMDC, Karachi 2. Dr. Rafat Khurseed, Associate Prof, Biochemistry BUMDC, Karachi 3. Dr. Sadaf, Assistant Prof, Biochemistry BUMDC, Karachi 4. Dr. Sara, Sr. Lecturer, Biochemistry BUMDC, Karachi
Anatomy	15-16 Aug 2016	1. Prof. Ambreen Usmani HOD, Anatomy, BUMDC, Karachi 2. Dr. Aisha Qamar Associate Prof, Anatomy, BUMDC, Karachi 3. Dr. Asma Siddiqui, Assistant Prof, Anatomy, BUMDC, Karachi 4. Dr. Aisha Saba, Sr Lecturer, Anatomy, BUMDC, Karachi
BDS	25-26 Aug 2016	1. Dr. Kulsoom Fatima Rizvi, Assistant Professor, Dental Section, BUMDC, Karachi 2. Dr. Mushtaq Ahmed, Associate Prof Dental Section, BUMDC, Karachi 3. Dr. Saman Hakeem, Associate Prof Dental Section, BUMDC, Karachi 4. Dr. Tabassam Ahsan, Assistant Prof, Dental Section, BUMDC, Karachi

Self Audit Bahria University Institute of Professional Psychology, IPP Karachi		
Programs	Date	Committee
BS Psychology MS Clinical Psychology MS Professional Psychology PhD Clinical Psychology PhD Organizational Psychology PhD Educational Psychology	23-Aug-16	1. Professor Dr. Zainab Fotowwat Zadeh, Director IPP 2. Dr. Kiran Bashir, Assistant Prof, IPP, Karachi 3. Dr. Zainab Bhutto, Associate Prof, IPP, Karachi

Self Audit Bahria University Lahore Campus, Lahore		
Programs	Date	Committee
BBA	07-08 Sept 2016	Dr. Ahmed, Assistant PROF, MS, BULC Dr. Umar Sharif, Lecturer, MS, BULC
BS CS BS IT	7-Oct-16	1. Mr. Dawood Akram 2. Ms. Sarah Chaudhry

Self Audit Bahria University Islamabad Campus, Islamabad		
Programs	Date	Committee
BBA MBA MS PM MS Finance MS SC M. Phil MS PhD MS	28-29 Sept 2016	1. Dr. Riaz Ahmed, Assistant Prof, MS, BUIC 2. Ms. Qurat ul Ain, Sr Lecturer MS BUIC 3. Ms. Talat Rehman Assistant Prof, MS, BUIC 4. Mr. Osman Bin Saif, MS, BUIC 5. Ms Nayyer Sultana, MS, BUIC
LLM	24-Nov-16	1. Ms Malika Farah Deebea, Assistant Prof, Law, BUIC 2. Dr. Nadia Khadam, Senior Assistant Prof, Law,
BS Media Studies	20-Feb-17	1. Ms. Tabinda Sadiq, Assistant Prof, Media Studies , BUIC 2. Sehmina Qazi, Sr. Lecturer, Media Studies , BUIC 3. Abdur Rehman Qazi Assistant Prof, Media Studies , BUIC

Progress Review Meeting Status

Statistics of Programs offered at Bahria University, Islamabad – Dec 2016					
Campus / Affiliated Unit	Bachelor	Master	MS	PhD	Total
Bahria University Islamabad Campus	14	3	16	6	39
Bahria University Karachi Campus	9	3	8	4	24
Bahria University Lahore Campus	3	1	2		6
Institute of Professional Psychology, Karachi	1	-	2	1	4
National Centre for Maritime and Policy Research, Karachi	1	1	-	-	2
Bahria University Medical and Dental College, Karachi	2	-	-	-	2
Frontier Medical College, Abbottabad	2	-	-	-	2

Status of program accreditation of Bahria University – Dec 2016			
Name of Campus/Affiliated College	No. of Programs Accredited	No. of Accreditations in process	Remarks
Bahria University Islamabad Campus	07	0	All programs are accredited
Bahria University Karachi Campus	07	0	
Bahria University Lahore Campus	0	04	All new programs are ready for accreditation
Bahria University Medical and Dental College, Karachi	2	0	All programs are accredited
Frontier Medical College, Abbottabad	02	0	

Status of program Self-assessment – Dec 2016							
Name of Campus/ Affiliated College	No. of Programs Self Assessed				No. of Programs Self Assessments in process		Remarks
	BS	Master	MS	PhD	BS	MS	
BU Islamabad Campus	14	3	16	6	1	1	2 Programs are under Self-Assessment process, AT visit is Scheduled in Dec 2016
BU Karachi Campus	9	3	8	4	1	1	2 Programs are under Self-Assessment process, AT visit is Scheduled in Dec 2016
BU Lahore Campus	3	1	2	-	-	-	
Institute of Professional Psychology, Karachi	1	-	2	1	-	-	All programs of these Constituent Units are Self Assessed once.
National Centre for Maritime and Policy Research, Karachi	1	1	-	-	-	-	
BU Medical and Dental College, Karachi	2	-	-	-	-	-	
Frontier Medical College, Abbottabad	2	-	-	-	-	-	Implementation of HEC Minimum Quality Standard Guidelines have been started this year.

Status of MS/MPhil Program Review – Dec 2016			
Name of Campus/Affiliated College	No. of MS Level Programs Reviewed by Bahria University	HEC's Visit Done [Yes/No]	Remarks
Bahria University Islamabad Campus	13	No	HEC MS/MPhil Program Review visit is scheduled to be held on 13 Dec 2016
Bahria University Karachi Campus	07	No	
Bahria University Lahore Campus	1	No	Mock Audit / Program Review has been done by QA Directorate at University Level.
Institute of Professional Psychology, Karachi	2	No	

Status of PhD Program Review			
Name of Campus/ Affiliated College	No. of Programs Reviewed by Bahria University	HEC's Visit Done [Yes/No]	Remarks
Bahria University Islamabad Campus	05	YES	All Phd Programs have been reviewed by the QA Directorate at University level, whereas HEC Review team visited on 02 May 2014 and completed the process of review successfully.
Bahria University Karachi Campus	04		
Institute of Professional Psychology, Karachi	01		

10th Progress Review Meeting Of QECs – Group III & IV – 01-02 Dec 2016

10th Progress Review meeting of Quality Enhancement Cells was held on 01-02 Dec 2016 at Hotel Grand Regency, Islamabad. The meeting was chaired by Dr. Mohammad Rafiq Baloch, DG QAA HEC. The Director of Quality Assurance Directorate Bahria University Mr. Fazal Wahab and QA officer M. Iftikhar Ali represented Bahria University. In his presentation, Mr. Fazal Wahab presented IQA progress and planning for completing targets of assessment year 2016-17. A brief planning and status of program accreditation, program self-assessment, MS/MPhil and PhD Program review of Bahria University, Institutional Performance Evaluation and certification from ISO presented to the chair.



HEC Progress Review Meeting

The Quality Assurance Agency QAA of HEC organized two days Progress Review meeting and Training workshop for heads of QECs on 15th and 16th May 2017 at Margalla Hotel, Islamabad. The Director General QAA of HEC chaired the session. The Director

Quality Assurance Mr. Fazal Wahab represented Bahria University and presented efforts being made by BU towards achievement of quality standards and targets set by the HEC. DQA presented analysis of last year performance as per score card of 2015-16. He highlighted the steps taken by the Bahria University to address any weak areas. DQA appreciated support being provided by HEC QAA in the achieving of highest rating category by Bahria University.



Training Workshop On "Quality Assurance & Governance"

The Higher Education Commission (HEC) of Pakistan under the project of the Tertiary Education Support Program (TESP) organized a 3-Day training workshop

on “Quality Assurance & Governance” on 13th Mar 2017 at the Margala Hotel, Islamabad. The session was planned to build capacity of faculty & staff of all HEIs/DAIs of Pakistan on quality assurance & good governance. Commodore Muhammad Hisham SI(M), Registrar Bahria University attended the session.

One Day Training Of QEC's On HEC's Ranking Software

The Higher Education Commission organized one day training of QEC officials on HEC's Ranking Software on 9th Dec 2016 at HEC Islamabad. The purpose of the meeting was to provide detailed overview of ranking software features, its working and hands on training of the software. Mr. Muddassar Javed Manager QA participated in the session.

ISO Certification Session

ISO has published specific guidelines for organizations in the **education** sector wishing to benefit from the implementation of **ISO 9001:2000**.

Bahria University Quality Assurance Directorate has organized an informative session with ISO team. The session is believed to be a first step towards ISO certification of the University and implementation of Quality Management Standards. The good number of faculty and staff members participated in the session.

Indigenous On Campus Training (IOT) 2016

Indigenous on Campus Training (IOT) 2016

As a capacity building exercise, Quality Enhancement Cell of Air University in collaboration with HEC



organized Indigenous on Campus Training (IOT) from 19-21 July 2016.

Mr. Muddassar Javed, Manager QA and Muhammad Iftikhar Ali, QA Officer participated from Bahria University.

More than 20 universities representatives participated in the subject training. The purpose of the training was to provide awareness about roles and functions being performed by University Administration.

Resource Persons briefed about how QEC, International Office, Academic Affairs, ORIC, Human Resource function in a university. Training proved very helpful as many queries were addressed and new knowledge/information was revealed.

At the end of training, Rector Air University distributed Certificates of Participation.







Chapter - 4

International Collaborations



International Collaboration

Bahria University has academic partnerships with several Universities across the globe focusing on different areas of collaboration including:

The partnership agreements are in shape of generalized MoUs, incorporating above areas of collaboration, providing a platform to engage in joint academic activities. Faculty, Staff and Students of Bahria University, interested in pursuing any academic activity with BU partner Universities, are encouraged to contact the International Office of Bahria University.

Exchange of Faculty and students

Exchange of research fellows

Joint research projects

Joint conferences and seminars

Joint curriculum development

Sharing / exchange of information & resources

Staff Development

Invitation to events

Students' visits





List of partner Universities

1. AIMST University, Malaysia
2. Al-Khwarizimi Intl. College, UAE (Undergraduate programs only)
3. Chabahar Maritime University, Iran (Maritime studies only)
4. Dalhousie University, Canada (Maritime studies only)
5. Damghan University, Iran
6. Dogus University, Turkey
7. Edith Cowan University, AUS (Articulation agreement for BBA)
8. Erzurum Technical University, Turkey
9. Fatih University, Turkey
10. Hakkari University, Turkey
11. International College Beijing, China (Management Sciences only)
12. Institute of Oriental Studies, Azerbaijan (Maritime studies only)
13. International University of Business, Agriculture & Technology, Bangladesh
14. King's College – Corbett Center, UK (Maritime studies only)
15. MIT, USA (Agreement for Open resource sharing)
16. Tongji University, China (School of Political Sciences & IR)
17. Trieste University, Italy (Research project on Environmental Sciences)
18. University of Bedfordshire, UK

19. University of Greenwich, UK
20. University of Idaho, USA (Maritime studies only)
21. University of Leicester, UK
22. University of Northampton, UK
23. University of Nottingham, UK
24. University of Sirnak, Turkey
25. University of Wollongong, AUS
26. Xuzhou Normal University, China
27. York St. John University, UK
28. Yasar University, Turkey

18 Different UK Universities have visited BUIC, With the Collaboration of British Council

Delegations from 18 different UK Universities have visited Bahria University Islamabad, with the collaboration of British Council. The delegation included academicians, researchers, managers, international officers from 18 UK Universities including: University of Leeds, University of Surrey, Cranfield University, Robert Gordon University, University of Edinburgh, Queen Mary University of London, University of Strathclyde, University of Manchester, University of Dundee, University of Nottingham, University of Warwick, University of York, University of Kent, University of Glasgow, Sheffield Hallam University, University Of Law, Kings College London and Newcastle University.

During the visit, Pro-Rector of Bahria University,

Rear Admiral (R) Shahid Saeed HI (M) welcomed the delegates and said that `Bahria University is an institution that is proud of its national and international status. The delegation during the visit toured campus facilities at BU and appreciated the quality of infrastructure available to students for academic and non-academic activities. In addition,

a small counseling session was also organized where students of BU interacted with the delegation for information on education in UK. Pro Rector Bahria University also visited expo and interacted with to the delegates of UK Universities and British Council.



Visit by delegation of Beijing Technology & Business Uni China

A delegation from Beijing Technology and Business University China headed by Dr. Xianying Tan Chairman of the Board, Dr. Xiaotang Zhang Director Department of Science & Technology and Dr. Chaoneng Luo, Chairman of School of Foreign Languages visited

Bahria University. During meeting, the delegation appraised Rector Bahria

University Vice Admiral (R) Tanveer Faiz HI (M) and discussed various ways of collaboration. The delegation showed keen interest in developing strong linkages with Bahria University and engaging in exchange activities at students and faculty level including PhD scholarships and possibility of Chinese language courses at BU.



International Summer School

Bahria University in Collaboration with Amsterdam University of Applied Sciences and Career Pakistan is organizing an exclusive International Summer School Programme at Bahria University Islamabad on the topic International Business Skills from 7th – 15th August, 2017.

The course will help you in enhancing and polishing your international communication skills along with provide a professional experience of the outside

world. You will learn both theoretical and practical knowledge on how to deal internationally from Russia to Asia and from Europe to Malaysia. Get a hands on experience with various Business and Industry Leaders in the International Business Market and meet Foreign Dignitaries as well.

The resource person for the International Summer School Programme is Dr. Sander Schroevers, a PhD Professor from Amsterdam University of Applied Sciences; a front ranking Cultural Intelligence Expert; coordinator for AUAS Autumn and Spring Schools; Lecturer of Third largest and best evaluated elective course Cross Cultural Business Skills.



Summer School Program at Bahria University

Bahria University in Collaboration with Valparaíso University USA, Amsterdam University of Applied Sciences Netherlands and Yasar University Turkey,

is organizing exclusive International Summer School Programs for students and professionals on Cyber Security, Research Data Management in Psychology and International Business Skills. Courses aimed to enhance and polish International communication skills along with to provide professional experience of the outside world.



Bahria University
Discovering Knowledge

SUMMER SCHOOL PROGRAMMES AT BAHRIA UNIVERSITY

“ Venue: BU Islamabad
Dr. Sander Schroevers
Summer School Programme on International Business Skills:
7th-15th Aug 2017
Amsterdam University of Applied Sciences, Netherlands
”



“ Venue: BU Islamabad
Prof. Ahmet Koltuksuz
Summer School Programme on Cyber Security
17th-23rd Aug 2017
Yasar University, Turkey
”



“ Venue: BU Islamabad/ Karachi
Prof. David Rowland
Summer School Programme on Research Data Management in Psychology:
7th-19th Aug 2017
Valparaíso University, USA
”



The background image shows a lecture hall or computer lab. In the foreground, several computer monitors are visible on desks. In the background, a group of students are seated, some looking at the camera and others at their screens. A large, bright yellow diagonal stripe runs from the top left towards the bottom right, partially obscuring the scene. The text is overlaid on the right side of the image.

Chapter - 5

Strengthening & Upgradation



Strengthening & Upgradation

Sale Deed Signing Ceremony Land Acquisition for Bahria University

On 23 Dec 16, Honourable Rector Bahria University, Vice Admiral Tanveer Faiz HI(M) (Retd.), visited Bahria University Lahore Campus. The Rector was briefed about the salient activities at BULC since his last visit in Oct 16. He interacted with faculty and talked about various matters. Later, The Rector, along with Director Lahore Campus, Deputy Director and HODs, visited the site for BULC's new campus in Lahore. He signed the sale deed for land acquisition on this occasion. He planted a tree on the site to mark this important milestone in the journey of Bahria University.

- Establishment of Cubicles for newly inducted Permanent Faculty and Staff
- Installation of multi-media projector in class rooms
- Installation of Fire Fighting System
- Installation of smoke detector system

- Establishment of Flip Classroom for students
- Making of cafeteria shed - cater for less space in canteen
- Installation of Security system
- Installation of additional cameras on campus premises
- Establishment of new Computer Labs in process

Strengthening Technological Infrastructure

Bahria University Lahore Campus has its own Campus Management Solution System to regulate and facilitate academic activities. It also has its own web portal where each student has their own account so that they can monitor different aspects of their academic activities. Bahria University Lahore Campus also has access to PERN. Video Conferencing systems are installed in both Conference Room and Advanced Computer Lab for faster communication with other campuses. BULC also has email service for students and a new SMS service through which announcements are made via SMS to the students. Salient are highlighted below:

- Digital Library Access provided through VPN
- PERN 16 MB CIR connection available
- Online admission system is Implemented



- Computer Based Testing is Implemented
- Installation of G-9 Server in IT room
- Implementation of ERP system for effective campus management
- Telephone Exchange has been upgraded for internal communication
-

Round Table Discussion at Buic on Cyber Security Issues

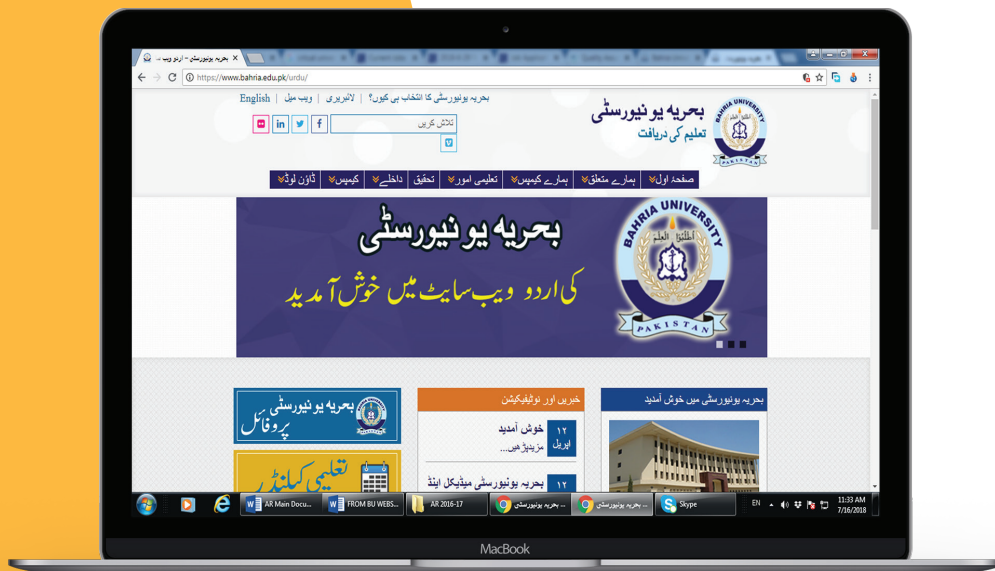
Bahria University organized a round table discussion at Islamabad Campus on Cyber Security issues in order to promote the awareness about Cyber Crimes among different stakeholders. The discussion was aimed at increasing the recognition of cyber security issues and helping the users to deal with it. The discussion was chaired by Honorable Pro Rector Bahria University Rear Admiral (R) Shahid Saeed HI (M) and was attended by prominent experts including Syed Ismail Shah, Chairman PTA, Mr. Khalid Banuri DG ACDA, Mr. Mudassar Hussain Member Telecom, Ministry of Information Technology, Mr. Khalid Rehman, DG, Institute of Policy Studies, Mr. Ammar Jaffari Ex-Project Director Nr3C, Ms. Aameena Sohail, Member Legal, Ministry of Information Technology, Mr. Hassan

Iftikhar Deputy Director, Federal Investigation Agency, Dr. Rizwana Karim Abbasi Assistant Professor, National Defence university Islamabad, Ms. Saadia Zahoor Senior Lecturer, Department of Law BU. Discussion was moderated by Dr. Nadia Khadam Senior Assistant Professor, Department of Law, Bahria university. The participants highlighted the threat of Cyber Crime and the security issues related to it. It was clarified that Cyber Crime and Cyber security are two different things. Crime Security is all about protecting the public and private sectors from Cyber Crime. Ministry of Information Technology reps. highlighted progress on cyber security policy they requested other organizations to help them to promote security awareness among people and make their policies more productive and result oriented. It was discussed that added that Data protection law is equally important and technology should be encouraged to deal with such threat. In the discussion, all participants agreed on the formation of mechanism and strategy to handle Cyber Attacks at all levels. The round table discussion was concluded with a unanimous emphasis on the need of cyber security and policy at national level. Mr. Abdur Rauf Khatana, Head Department of Law Bahria University Islamabad Campus thanked all the participants for their contributions.

Bahria University Live Official Urdu Website

Bahria University has launched official Urdu Website.

To visit URDU Website Portal click www.bahria.edu.pk/urdu.





Chapter - 6

Faculty Development



Faculty Development

Bahria University places strong emphasis on the development of its faculty & Staff. A department has been established to look after the activities pertaining to faculty development. The mandate of the department is to formalize the process of faculty development activities at all the constituent units of the University. A policy mechanism in this regard has been formulated that prepares semester wise calendar of training / workshops for the faculty of Bahria University. Further, opportunities are being created for the faculty at Bahria University to attend trainings at foreign institutes. Details regarding the activities organized under the umbrella of FacultyDevelopment at Bahria University are mentioned in this chapter for information.

Guest Speaker Session

A guest speaker session was organized by Miss Saira Bashir Dar, Lecturer at Law Bahria University Islamabad on 4th may 2017. The guest for the session was Miss Warda Yasin, Head of Department Law at International Islamic University Islamabad. The topic was “Negligence and cases of Torts in our society”. The lecture was delivered to the students of LLB-2, Department of Law, Bahria University Islamabad. It was very informative lecture as there was a question answer session at the end and students got to have their all queries answered by the respectable guest.



Two Day Training Session

A Two-Day Training on International Humanitarian Law was conducted by ICRC at Bahria University, Islamabad. Prof. Muhammad Munir VP IIUI, Mr. Dilawar Khan founder of CODE Pakistan, Mr. Oves Anwar, Ms. Sahar Haroon of Research Society of International Law (RSIL), Pakistan, Mr. Usman Khan, Ms. Rimsha Ali Shah and Mr. Konstantinos Mortopoulos of International Committee of the Red Cross delivered lectures on different aspects of IHL.



Meri Pechan Pakistan

One Day Seminar on the Launch of ToT on Humanity, Altruism & Citizenship in Pakistan under the theme of “MERI PECHAN PAKISTAN”, organized by the Department of Law, Bahria University Islamabad in collaboration with Ministry of Human Rights on 16TH May, 2017

This one day workshop was held to launch the ToT on Humanity, Altruism & Citizenship in the society. It was organized by the Department of Law, Bahria University Islamabad. Mr. Muhammad Arshad, DG Ministry of Human Rights, Prof. Dr. Farkhanda Zia of IIUI, Mrs. Sufia Shahid Haq, Motivational Speaker, Mr. Shehryar Afridi, MNA, Ms. Rumina Alam, MNA, Ms. Shiza Khwaja, MNA and Director Islamabad Campus spoke on the occasion. Students of law department performed as well.



One Day Workshop On Un Crc

On 15th June, 2017 Department of Law, Bahria University arranged a one day workshop on the “UN Convention on the Rights of the Child” in collaboration with the UNICEF chapter in Pakistan. The workshop was held at Lecture Theatre-II of the university. The workshop was attended by 60 students and faculty of law department. Barrister Sarah Coleman (Chief Child Protection, UNICEF Pakistan) and Rear Admiral (R) Shahid Saeed HI (M) spoke on the occasion of the closing of the workshop



Electrical Engineering Department

Workshop

A workshop on “A Road To Corporate Success” was organized by Department of Electrical Engineering,

Islamabad Campus on May 12th, 2017. Three of the eminent people from industry shared their knowledge and success stories named Miss Sadia Rehman (GM PTCL), Mr. Jawad Jafar (Head Corporate Collection) and Miss Tahira Khattak (Manager Talent & Amp Culture Telenor Pakistan) with the primary speaker Miss Fatima Nasim (Specialized Capitalization Mobilink). The main target of the workshop was to target the students, managers and team leaders of Bahria University.



Training and Seminars

Seminar on “Analysis of Wind Energy Potential and optimum wind blade design for Jamshoro wind corridor” held in Controls Lab on 18th May, 2017 presented by Mr. Umaid Ali. Mr. Umaid Ali is a Senior Lecturer in Department of Electrical Engineering at Islamabad Campus. Seminar was mainly focused on potentials of wind energy technology and how wind blade was designed for Jamshoro wind corridor.



Training and Seminars

Seminar on “Estimation of Sparse MIMO Communication Channels Using Compressive Sampling Theory” held in Controls Lab on 25th May, 2017 presented by Mr. Bilal Amin. He is a Lecturer in Electrical Engineering Department at Islamabad Campus. Seminar was mainly focused on importance of Sparse MIMO technology.

Faculty Development

a) Orientation for Newly Inducted Faculty

An orientation session for newly inducted faculty in spring 2017 semester was conducted on 8 & 9 Feb

17. Dr. Faisal Aftab, Dr. Tamim Iqbal and Mr. Tipu Ismail were invited as resource persons. Dr. Faisal Aftab spoke on Introduction to ORIC and Applied Research method, Dr. Tamim Iqbal enlightened the faculty on Outcome Based Learning and Mr. Tipu Ismail taught Micro Teaching Module 1&2 to the participants. Overall it was an interactive and informative session for the faculty.



b) PMP Training

BULC organized a number of short courses during summer 2016 under BU Leadership Development Center (BULDC). Mr. Ahad Nazir conducted PMP Training from 16th July 2016 to 7th August 2016. A certificate distribution ceremony was organized on 13th August 2016 where Director Lahore Campus Cdre M Amjad Zaman SI (M) (Retd.) distributed certificates among the participants.



BULC: Launching of Student Support Center and Well-Being Center

Islamabad: Bahria University has launched Student Support Centre (SSC) and Well-Being Centre (WBC) on 10th November, 2016 at Islamabad Campus. Rector of Bahria University, Vice Admiral Tanveer Faiz HI (M) (Retired) has inaugurated the Well-being Centre at BULC.

Well-Being Centre (WBC) aims at providing best counseling services to the Bahria University Faculty, Students and Staff as well as to the community and general public in order to promote better mental health among individuals. In the present scenario of Pakistan, the psychological problems are rising with the time and traumatic events and experiences of individuals are increasing with the severe frequency. The intensity of psychological trauma is rising. So it is a need of time to address this issue on national level to improve the mental and physical health of individuals. Well-being center will promote healthy environment within university premises and will focus to indulge international bodies to widen

the horizon and credibility of their functionality. Individuals can overcome their distress and can enhance their potential through well-being center.

Student Support Centre (SSC) aims at providing necessary information to the students and support them in academic and non-academic activities of university. SSC comprised of Student Resource Centre, Student Facilitation Centre and Community Support Program. SRC will help the students to maximize their true potential by participating in extracurricular activities and polish their talents and skills by organizing workshops outside university premises whereas the Student Facilitation Centre is established to facilitate students in their academic and nonacademic issues by addressing to the relevant queries in order to provide them ease and academic guidance.



The image shows the exterior of the Ibne Khuldun Auditorium. The building features a prominent entrance with a portico supported by several large, light-colored columns. A wide set of stone steps leads up to the entrance, flanked by potted plants. The name 'IBNE KHULDUN AUDITORIUM' is displayed in large, gold-colored letters on a dark background above the steps. The entire image is overlaid with a dark blue, semi-transparent geometric shape that covers the right side and top, creating a modern, abstract design.

IBNE KHULDUN
AUDITORIUM

Chapter - 7

Access



Access

Scholarships Disbursement at BU

The Office of Student Affairs is an organized and capable student service resource that is dedicated towards providing support to the students of Bahria University at Head office level. The DSA office is responsible to look after the following;

- Scholarships (University sponsored & External).
- Financial Aid Office
- Student Study Loan
- Career Services
- Alumni Affairs
- Community Support Program
- Extra-curricular activities
- PM-Laptop Scheme

BU SCHOLARSHIP POLICY

Advance Merit Scholarship for Board Toppers (For Undergraduate programs)

To ensure that the most talented students join Bahria University, we offer various financial incentives

through Bahria University scholarship policy. Under Advance Merit Scholarship Policy, Bahria University shall offer 75% tuition fee waiver/concession for the first semester, to top three toppers amongst all Boards of Intermediate and Secondary Education (BISE). This scholarship will be for the entire program. However its continuation during the subsequent semesters will be subject to the condition that awardee must maintain his/her minimum GPA of 3.75

Advance Merit Scholarship (Bahria University Entrance Test based)

Top merit position holders in Bahria University admission merit list with respect to their respective discipline will be awarded scholarships/fee waiver as per following criteria:

Undergraduate Programs

For Management Sciences, Engineering Programs (Top three scorers among all engineering programs) and Computer Sciences, following three top position holders shall be awarded scholarship/fee waiver. The student must obtain an aggregate score of at least 70% in the Bahria University Merit list.

1st Position Holder 75% Tuition Fee wavier

2nd Position Holder 50% Tuition Fee wavier

3rd Position Holder 30% Tuition Fee wavier

For Law, Earth & Environment Sciences, H&SS and



Psychology, one top scorer from each department shall be considered for 75% Tuition fee waiver. The student must obtain an aggregate score of at least 70% in the Bahria University Entrance Merit list.

Post Graduate Programs

The top scorer in Bahria University Merit List among all Post graduate (MBA/MS/or equivalent) programs excluding PhD for each campus shall be awarded 50% Tuition Fee waiver. The student must obtain an aggregate score of at least 70% in the Bahria University Merit list.

For continuation of the scholarship in the subsequent semesters for the above categories the students will be required to achieve a GPA of at least 3.75.

Advance Merit Scholarship (for Outstanding performers in Cambridge International Education (CIE's System)

Bahria University shall award scholarship @ 75% tuition fee to the top three students achieving minimum 03 A's in A Levels. Eligible students have to produce equivalence certificate issued from the Inter Board Committee of Chairmen (IBCC).

For continuation of scholarship in the subsequent semesters the students will be required to achieve a GPA of at least 3.75.

Exemption Of Admission Fee to Bahria University Graduates/Alumni For Higher Education at Bahria University

Bahria University graduate/Alumni will be given 100% Admission fee waiver for admission in MS/ MPhil & PhD Programs.

Policy to attract high Academic Achievers in MS/MPhil/PhD program of Bahria University

Prospective students who have applied at Bahria University with 80% marks in case of annual examination or CGPA 3.50 in semester system, in last degree from HEC recognized National & International Universities or distinction holders from HEC recognized International Universities shall be offered 50% waiver in tuition fee of MS/MPhil/PhD Programs at Bahria University.

However, for continuation of scholarship in the subsequent semesters, the students will be required to achieve a GPA of at least 3.50.

Merit Scholarship (For Batch Toppers)

- All students achieving GPA of 4.0 in Semester Examination will be awarded Merit Scholarship equal to 75% of Tuition Fee of the following semester. If there is no student with GPA of 4.0, then the top scorer obtaining a GPA of at least 3.75 will be awarded the Scholarship @ 50% of the Tuition Fee. In case of a tie, the student with the higher percentage will get the Scholarship. In case of a double tie, all students will be awarded the Scholarship.
- For Engineering programs only, if there is no student with a GPA of 3.75 then the top scoring student with a minimum GPA of 3.50 will be awarded this Scholarship equal to 40% of the Tuition Fee in the following semester. In case of a tie, the student with the higher percentage will get the Scholarship. In case of double tie, all the students will be awarded the Scholarship.

Financial Assistance Scholarship (Discontinued from Fall 2016)

Fresh entrants to Bahria University may submit their request for scholarship when they deposit their fee after becoming bonafide students of Bahria

University. However, already enrolled students are also eligible to apply. The scholarship once granted in this category remains available to the students for the entire degree programme provided their performance does not fall below GPA 2.75.

Following are the eligibility criteria to apply for Financial Assistance Scholarship Program:

- Students of all programs are eligible for Financial Assistance Scholarship subject to the condition he/she finds financial constraints to cope with educational expenses.
- For fresh intake, results of their Matric and FA/ FSc will be considered for award of scholarship
- For the students enrolled in 2nd semester onwards shall be eligible to apply if he/she has a minimum 2.75 GPA in the previous semester and for continuation at least 2.75 GPA has to be maintained in the subsequent semesters. If the students fail to maintain 2.75 GPA in the previous semesters then their scholarship shall be withheld till the time he/she improves academic grades to 2.75 GPA.

Indigent Scholarship (Discontinued from Fall 2016)

Ten (10) needy students from UG and PG Programs overall from all Campuses i.e. Karachi, Islamabad, IPP and Lahore, with a minimum GPA 2.5 will be considered for the award of Indigent Scholarship on the recommendation of the Campus DGs/Directors. The students from 1st semester onwards shall be eligible to apply for this category. For the continuation of scholarship in the subsequent semesters he/she has to maintain GPA 2.5. If the students fail to maintain 2.50 GPA, his/her scholarship shall be withheld till the time their grades improve to minimum 2.5 GPA.

- Two scholarships under Indigent category, funded by Bahria University graduates/Alumni shall be awarded every semester to the deserving students of Under Graduate Programs from Fall-2015 onwards.

CHANGES IN THE POLICY

The policy document is subject to changes/ amendments from time to time depending upon the

future requirements and status of funds available for the grant of scholarship.

On fresh intake the new scholarship policy will stand promulgated w.e.f Sept-2015 i.e Fall-2015 whereas for FAS, Indigent and Merit Scholarship (existing students) payment of Fall-2015 semester based on result of Spring-2015 shall be made as per previous scholarship policy. Thereafter i.e from Spring-2016 new policy shall be implemented on all Bahria University Students.

Policy for Merit Scholarship BUMDC

MERIT SCHOLARSHIPS

- For the students of Bahria University, enrolled in MBBS and BDS degree program Merit Scholarships shall be awarded based on their annual examination result from July-2015 onwards as per following eligibility criteria

2. For MBBS Students

Batch Positions	Scholarship Amount
1 st Position Holder	Rs. 100,000/-
2 nd Position Holder	Rs. 75,000/-
3 rd Position Holder	Rs. 50,000/-

1. For BDS Students

Batch Positions	Scholarship Amount
1 st Position Holder	Rs. 100,000/-
2 nd Position Holder	Rs. 75,000/-

However the eligible students as per merit list have to follow the academic road map with full load.

BU Qarz-e-Hasna Scheme

Qarz-e-Hasna Scheme has been introduced at Bahria University from Fall-2016 with an objective to financially support students belonging to less privileged class of society. Through this scheme the

University will bear the educational expenses of the students on “Need cum Merit” basis in order to enable them to complete their Higher Education. The overall objective to introduce Qarz-e-Hasna at BU is to uplift the socio economic condition of society through supporting financially weak students and to inculcate in our youth to pay back the community once they get financially stable.

Eligibility Criteria

Following are the eligibility criteria to apply for Qarz-e-Hasna Scheme:

Qarz-e-Hasna will be offered to those needy students of Bahria University who secured admission on merit in any academic program at Bahria University (except Medical & Dental) and he/she cannot pursue studies due to financial constraints.

For new intake, results of their Matric, FA/FSc and equivalent shall be considered for award of Qarz-e-Hasna.

For the students enrolled in 2nd semester onwards shall be eligible to apply if has a minimum 2.75 GPA/CGPA in the previous semester. For continuation student should maintain at least 2.75 GPA/CGPA otherwise his/her Qarz-e-Hasna shall be withheld till the time he/she improves academic grades to 2.75 GPA/CGPA.

At a time, students can avail only one option either scholarship or fee concession or Qarz-e-Hasna from University or external sources. If a student falls under more than one category then he/she may avail any one option as per his/her own discretion.

Qarz-E-Hasna Approvals and Limits

The Qarz-e-Hasna shall be awarded, partly or fully against the tuition fee.

Repayments

All successful applicants for Qarz-e-Hasna must sign an Agreement, including a repayment schedule.

The repayment schedule must be so structured as to allow full loan repayment once the students is

graduated and financially stable. The maximum repayment duration must not exceed 05 years for UG Program and 03 years for PG Programs after completion of their respective program of study.

At the time of passing out of the student, Campus will provide him/her the repayment plan specifying the cut –off date by which the student has to clear his/her total due amount, in lump sum or installments. But not more than the duration as mentioned at Para 4.2 above.

In case if student has availed Student Study Loan from revolving fund at the time of admission then same will be adjusted from Qarz –e-Hasna payment if awarded to the student.

It will also be a moral responsibility of every recipient to payback the received Qarz-e-Hasna amount with in stipulated time period so that maximum deserving students can be benefitted with this policy.

Guarantors

Parents / guardians are to be joint borrower (s) (irrespective of their means and age of student).

Co-obligation of spouse in case of married students.

Agreement With Student & Guarantor

Once the final approval is accorded, an Agreement shall be signed between the student with guarantee of his/her parents or spouse (in case of married student) and the University.

Monitoring The Beneficiaries of Qarz -E- Hasna Awardees

7.1. The Central Qarz-e-Hasna Award Committee shall formally review cases of all Qarz-e-Hasna awardees every semester to monitor academic progress as per approved policy. The respective Campus Director will send complete semester result of all beneficiaries, to the Central Qarz-e-Hasna Award Committee. Qarz-e-Hasna of the students, whose performance falls short of the required parameters, will be discontinued till the time their grades improve to minimum eligibility criteria.

AMENDMENT POWERS

Rector Bahria University has the full powers to amend/ abandon any one or all terms and conditions of the Qarz-e-Hasna Policy.

The policy will come into effect from the date of approval and shall be reviewed as and when required.

Student Loan Scheme

Revised Policy – Student Study Loan/ Revolving Fund

Bahria University (All Campuses except Medical & Dental College)

[Download Loan Scheme Application Form](#)

[Download Student Study Loan Agreement](#)

Preamble

The **Student Study Loan (SSL)** is designed to help the students of Bahria University (new intake) to pay their university tuition. The Study Loan is the money that students borrow to cover the costs associated with their studies. It is different from other types of loans due to zero interest rate. Students of all degree programs are eligible to apply for this loan except Medical & Dental, however, preference will be given to the students of undergraduate program.

The University's Student Study Loan will provide financial support to a student (new intake) whose academic progress is being or may be impeded by the lack of financial resources.

Financial Impact

- For FY 2015-16, an amount of Rs. 06.00 million has been allocated for Student Study Loan/ Revolving Fund. It may be revised in next year depending upon fiscal space.
- Once the student starts repaying the loan, further disbursement of loan can be made from

that repayment. It will be a revolving fund and maximum students are expected to be benefited from this scheme.

Eligibility Criteria

Eligibility criteria for student study loan is as under:

- Student Study Loan will be offered to those needy students of Bahria University who secured admission in any academic program at Bahria University (except Medical & Dental) and are unable to pay full Fee & other charges in one go. However, preference will be given to the students of undergraduate programs of Bahria University.
- The student after securing admission and getting fee voucher will be eligible to apply for Student Study Loan.
- All Students (only new intake) who successfully secured admission at Bahria University and issued the 1st semester Fee Voucher can apply for Student Study Loan.

Loan approvals and limits

- All loans will be processed through Central Scholarship Committee with recommendations of respective DG Campuses. Final approval will be accorded by the Rector Bahria University.
- Students (only 1st semester) can request for loan against the total 1st semester fee.

Loan conditions

- Successful applicants for a loan must sign a Loan Agreement, including a repayment schedule.
- The repayment schedule must be so structured as to allow full loan repayment prior the students is permitted to graduate.
- Loan will be drawn in favor of Bahria University and not in favor of students.

Guarantors

- Parents / guardians are to be joint borrower (s) (irrespective of their means and age of student).
- Co-obligation of spouse in case of married students.

Security Clause

Following parameters will be adhered in awarding the Student Study Loan:

- No security deposit by the applicant (student). A bond will be signed between the applicant (student), his Guarantor and Bahria University mentioning the repayment schedule as well.
- The final transcript and degree will not be issued prior clearance of all payable loans by the students. Account office of respective campus is to confirm clearance or otherwise of loan payable by the students.
- Parents / guardians to be joint borrower (s) (irrespective of their means and age of student).
- Co-obligation of spouse in case of married student.

Failure to comply with loan repayment

When a student will fail to payback the Study Loan, his/her final transcript and degree will not be issued till he/she clears all loan payments.

Confidentiality

Documentation for all loans (whether approved or not) will be retained on an individual student file for each student, and is subject to the University's Privacy Policy.

- SOPs for Student Study Loan
- Application Request

The eligible students after securing admission and getting fee voucher are eligible to apply for Student Study Loan.

- The students are to apply for student study loan to their respective Head of the CU on prescribed application form along with supporting documents.

Documents Required

- Letter of admission/ Fee Voucher of Bahria University

- Completely filled Application Form of SSL
- 02 passport size photographs
- CNIC copy of the student and the Parent/ Guardian
- Utility Bills (electricity bill/phone bill/sui gas bill)
- Student/Co-borrower/ Guarantor's bank account statement for last 6 months
- Copy of last degree transcript
- Copy of Domicile

Selection Process

2. Campuses are to initially scrutinize all the received applications and short list the candidates considering their need. Head of CUs are to forward the application(s) (SSL) duly approved by respective DGs with their comments/recommendations to Central Scholarship Committee within 5 to 7 working days after the date of issuance of fee voucher.

The Central Scholarship Committee after processing the applications (SSL) is to recommend the applicants within 3 to 5 working days for final approval of Honorable Rector. In case there is any delay then applicants is to be allowed to attend classes subject to conditional admission till the time final approval is accorded by the Honorable Rector.

Loan Payment

The loan payment will be drawn in favor of respective CUs of Bahria University and not the student.

Agreement with Student & Guarantor

Once the final approval is granted, an agreement will be signed between the student, his/her Guarantor and the University.

Repayment Schedule

For repayment of Student Study Loan following are to be ensured:

- The repayment of 100 % loan may be ensured before the student completes his/her degree requirement and final degree may be issued once

the student clears his/her study loan.

- Repayment is to begin from very next month of borrowing and has to pay back before leaving the University, regardless of whether or not he/she has completed the degree program.
- Student after availing SSL will be advised to apply for any internal/ external Scholarship at BU. The amount approved under Scholarship will not be paid to the student but will be adjusted against the loan amount.
- The Student shall pay back the differential amount (loan amount – FAS Scholarship awarded) in installments to relevant Accounts Section/ Department of their Campus or otherwise his/her FAS amount of following semester will be adjusted accordingly. Director Campuses will forward the receipt report along with original cheques/ cash payment to the Director Finance for deposit of the received amount to revolving fund account keeping in loop the DSA Office for updating and maintaining the record

External Scholarships at Bahria University

International Committee of the Red Cross (ICRC) Scholarship

ICRC Scholarship For LLM

The International Committee of the Red Cross (ICRC) offers scholarship to the students of Bahria University who have an interest in pursuing a career in International Humanitarian Law (IHL).

Frontier Education Foundation (FEF) Scholarship Program (KPK)

Frontier Education Foundation launched scholarship scheme for the poor and deserving students of **Khyber-Pakhtunkhwa**. The basic criterion for this scholarship is based on Merit cum-in-affordability. The Foundation selected highly prestigious educational institutions at national level for this scholarship and

Bahria University is one of them.

Punjab Education Endowment Fund (PEEF)

Visit the PEEF official site here <http://www.peef.org.pk/>

- PEEF SCHOLARSHIP FOR UNDERGRADUATE DEGREE PROGRAMS
- MASTER LEVEL PEEF SCHOLARSHIPS AT BAHRIA UNIVERSITY FOR FY 2016-17
- Shahbaz Sharif Merit Scholarships (SSMS) – MASTER LEVEL PEEF SCHOLARSHIPS AT BAHRIA UNIVERSITY FOR FINANCIAL YEAR 2016-17
- SHAHBAZ SHARIF MERIT SCHOLARSHIPS (SSMS) – FOREIGN SCHOLARSHIPS FOR PH.D – 2017

HEC Need Based Scholarships

Introduction

Bahria University offers HEC Need Based Scholarships with the financial support of higher Education Commission. The BU facilitate financially weak and deserving students through Need Based Scholarships. It aims to elevate the socio-economic status of the students by enabling their access to modern education and career opportunities towards a brighter future.

Objectives

- To provide opportunities to talented but financially disadvantaged students and empower them to acquire a high quality education
- To provide opportunities for qualified students especially from remote and rural areas of Pakistan (FATA, Khyber Pakhtunkhwa, Southern Punjab, Balochistan, and Northern Sindh)

National ICT R& D Fund- Ministry of IT, Pakistan


Prime Minister's National ICT Scholarship Program

has been a flagship HRD initiative of National ICT R&D Fund. Program's out-reach to talented students of underserved areas has made it a true success story. This story reached its climax when the talented youth from marginalized areas outshined their urban peers in different areas of academic as well as extracurricular activities. National ICT R&D Fund is proud of all such heroes who have kept the grace of their respective native towns through their sheer hard work and dedication.

HEC Indigenous 5000 Fellowship Program

The specific objective of the 5000 Indigenous Scholarship Scheme is to create a critical mass of highly qualified human resources in all fields of studies taught at the advanced level in local universities. These locally qualified academics and researchers will improve the R&D potential of public as well as private universities and it will also strengthen the local industrial sector.





Chapter - 8

University Building Economies



University Building Economies

Internship & Placement Office Student Guidance & Career Counseling

Open House and Job Fairs

MARCA'17

MARCA'17 was held on 9th and 10th May 2017, the event included Open House, Alif-Idea, Sales Gala and Ad Bana competitions.



Open House

Open house event held at Bahria University Islamabad aimed at opening its doors to the general public to allow people to look around the institution and learn about it. The event was organized to attract prospective students, familiarize them and their parents with the facilities, and allow new students to become familiar with facilities and meet others, or to open informal communication channels between school staff and the students and their parents.



The event was inaugurated by President Rawalpindi Chamber of Commerce and Industry. The guests evaluated all projects and gave their valuable feedback along with appreciating the efforts of the students. Open house invited the public and private industry experts to witness the final year projects based on innovative ideas and prototypes.

The Open house serve as a gateway between industry and academia. A talent expo which provides an opportunity to visit academic and research facilities, meet qualified faculty and discuss research collaboration and interview young graduating students for possible job opportunities.



Sales Gala

As a part of the MARCA'17 events Sales Gala was organized by the marketing cluster faculty members. Students from the courses of sales management set up various stalls where they competed on the bases of sales and marketing. The idea was to accustom students with the management of their business and sale of products while competing with various brands from the industry.

Alif Idea

Alif Idea, the business idea competition under the banner of MARCA'17 held at Bahria University Islamabad aimed at encouraging the students of entrepreneurship to generate innovative ideas and products. The business ideas were evaluated by Rector Bahria University, DG Campus Bahria University and the President Islamabad Chamber of Commerce and Industry Mr. Khalid Iqbal Malik. Students showcased their projects and ideas and presented in front of the guests and judges. Industry experts were also invited to grace the occasion and encourage the students.

Ad Bana

Ad Bana Competition focused on the student's creative abilities of making advertising campaigns and advertisements for the promotion of products in the market that have not been promoted onto the electronic media. Awards were given to the students having the most creative ideas evaluated by the industry experts.

GAME-A-THON

Faculty members at the department of Management Sciences organized a 'Game-a-thon' for the first time in Bahria University Islamabad Campus. The event, which was held on 17th May 2017 from 10 am to 4pm, was organized by Ms. Hina Samdani, Ms. Nida Kamal, Ms. Amna Yameen and Ms Saher Zeast. The event was designed around the theme of educational games and was well attended by students and faculty members from various departments. The event was based on the idea of educational games. Educational games are designed to exclusively fulfil educational needs. As players play these games they learn about specific educational topic and expand concepts related to that topic. These games also help reinforce learning and development



of the individuals and assist them in learning a skill as they play the game. Game types

include board, card, simulation, video games, and/or physical activity games. Themes Used in the Games. The students used various educational themes to design their games. Amongst these most commonly used were: recruitment and selection, motivation, interview screening steps, resource optimization, team building, Job Analysis, Diversity, accounting and finance concepts and operations and production management.

Upon the completion of the game, the players were required to assess the game based on the alignment with main concept of the subject, Student engagement, Learning styles, Opportunities for students, Introduction of new concepts, Interactive and fun, Well-defined learning outcomes, Creative method of learning.



Role Playing

Role playing activity based on concepts of Organizational Theory and Behavior was held on 18th May 2017 under the supervision of Ms Gul-e-Nayab. It is known that theory should always be complemented by practical exercises. Keeping this in view faculty member of Management Sciences organized an event whereby students were asked to solve Human Resource cases through role play/stage drama in BUI Auditorium.

Students were divided into departments such as Hall Management, Décor, Security, Script, Budget and Promotion with their defined Job Descriptions. Through this activity the concepts of the Organizational Theory were depicted through real life organizational scenarios. Such activities are held to encourage the students for teamwork, collaboration, coordination, leadership, discipline, enthusiasm, research on given case, contributing to utmost learning. Not only were the students entertained but also interactive learning as a motive behind the role play activity was achieved.

MoU between Bank Alfalah and Bahria University Islamabad:

Bahria University Islamabad, Department of Management Sciences signed a MoU with Bank Alfalah on 11th August 2017. The MoU is sought to benefit both the parties through collaborative resource sharing, Islamic Banking awareness seminars, arranging workshops and conferences for faculty members and students, offering summer internship programs and carrying out joint efforts to promote the academic



aspects related to learning and development of Islamic banking locally and globally. Bank Alfalah will also collaborate with the department of Management Sciences in designing the curriculum of MS Islamic Banking and Finance.

Orientation of freshmen

The Department of Management Sciences, Bahria University Islamabad held an orientation session for the freshmen on 31st August and 1st September 2017. Students inducted for the Fall 2017 intake at the University for the BBA, MBA and MS programs had been invited to attend the session.

The orientation commenced with verses from the Holy Quran followed by words of advice and encouragement from the Pro-Rector/ DG-Campus and Director Campus. Following these addresses, students were informed about the university rules and regulations regarding conduct, discipline, security, scholarships, exchange programs and opportunities. The session after refreshments involved the departmental rules and identification of key personnel and finally the event ended on a campus tour where students were shown classrooms, library and labs.

Workshop on Financial Modelling and Portfolio construction

A workshop on Financial Modelling and portfolio construction was organized by Ms. Saher Zeast in collaboration with USAID for the faculty of Management sciences department on 26th August' 2017. The workshop provide practical, hands-on training on Financial Modelling and Portfolio Construction by using Excel's features and functions, and will enhance your efficiency in the workplace and your employability. The workshop included the exercises on data mining, quantitative analysis, financial modelling for investment appraisals, investment portfolio construction and investment portfolio evaluation.

Pak-China Young Workers Seminar; CPEC opportunities

Pak-China Young Workers Seminar; CPEC opportunities was held in Beijing, Tianjin and Ningxia from 11th-20th September 2017. Dr. Arif Khattak, faculty at the department of management sciences attended the seminar. The seminar highlighted the opportunities CPEC would bring with itself in terms of Educational linkage, Human resource development, Health Care, People to people contact, Increase in livelihood opportunities and Enhance Security and stability of the region. Various delegates from China and Pakistan presented their views followed by cultural and networking events.

4th Academic International Conference on Multidisciplinary Studies and Education Conference

The 4th Academic International Conference on Multidisciplinary Studies and Education was held on 25th-27th September 2017. The conference was organized by Harvard University at the Harvard University Martin Conference Centre at Harvard Medical School, Boston, USA. Ms. Saher Zeast, Senior Associate professor at the Department of management sciences participated in the conference as a paper presenter. The overall objective of the Academic International Conference on Multidisciplinary Studies and Education (AICMSE) was to provide a platform and stimulate discussion on issues surrounding education, gender studies, environmental studies, urban and regional studies, philosophy, social justice and sociology, business management and law in related areas.

Management Sciences Department at Bahria University Lahore Campus has established linkages with different organizations in the industry to provide opportunities to students for internships and placements. Organizations include:

Bank Alflah
IFI Consultants
Ebryx
Nextbridge pvt ltd

In addition to that, Corporate Advisory Committee is formed in both CS&IT and Management Sciences Department to create linkages with the industry and update curriculum w.r.t industry requirement.



A photograph of a group of students in a computer lab, looking at their monitors. The image is darkened with a blue overlay, and a diagonal yellow stripe runs from the top left to the bottom right. The text 'Chapter - 9 University Building Communities' is centered over the image.

Chapter - 9 **University Building Communities**



University Building Communities

BU Community Support Programs

ITP Road Safety Competition

Islamabad Traffic Police (ITP) organized a “ROAD SAFETY COMPETITION” from 17th to 23rd May 2017 for all the student drivers in the Islamabad region. Thirty Students from various educational institutions of the twin cities were carefully selected after the first round of this competition. How to Drive and the practical test of driving was conducted at Lake View Park in round two after which nine students from various educational institutions of Islamabad were selected. The qualified students for the final round also included Bahria University, Islamabad team along with the team of Islamic University and Riphah University. The Grand Finale was held at PNCA where Bahria University outclassed their competitors with their knowledge of traffic rules and emerged victorious. The Winning trophy was presented by IG Police, how was also the chief guest for the event. Ahsan Jadoon Khan (BS-Geophysics), Ardon Josher Robert (BS-Geophysics) and Zulqarnain Gondal (BBA-8) represented team Bahria and are the proud winners of this event.



Medical camp with Humanetek

In slums and rural areas, there is little knowledge of basic health information in Pakistan. Rural families suffer because of lack of doctors and no knowledge of hygienic practices/products. Therefore, on 3rd and 4th May, 2017 Humanetek conducted a two days free medical camp in the area of I-10, Islamabad. It provided basic medical information and free personal hygiene kits and medical kits to families to improve their quality of life. A customized health camp was organized offering comprehensive health services – curative, preventive, and referral, to a large number of people. About 25-30 students from the Department of Computer Sciences of Bahria University Islamabad participated and assisted the team of Humanetek in conducting the medical camp



effectively. Free health care services and medicines were provided to the people. Over 300 persons were screened by doctors and consultation-cum-follow-up was provided to participants in cardiology, orthopedics, gynaecology, gastroenterology and general medicine. A team of doctors checked blood sugar, hemoglobin, blood pressure and conducted ECG and Echo Test besides providing diet consultation to the participants. Medicines were distributed free of cost to the needy. Our students completed their 20 hours of community service by volunteering in the camp.

Lettuce Bee Kids Literacy Program VI-Orientation Session

As a part of Community Support Program, Bahria University Islamabad has collaborated with Lettuce Bee Kids for the sixth time to educate street children in Summer-2017. Lettuce Bee Kids, an organization with an aim to educate the street children, has been working with Bahria University since 2012. This is their sixth program, titled "Lettuce Bee Kids Literacy Program VI", with an initiative to educate the street children of Islamabad by giving them the right education, skills and grooming that they deserve but cannot acquire.

The orientation session of the Lettuce Bee Kids Literacy Program 2016 was held on June 21, 2017 in the Auditorium of BUIC. 2 representatives of Lettuce Bee Kids were present at the session along with 30 street children from the slums of F-11, Islamabad. It was attended by about 60 students from the Earth &

Environmental Sciences Department who registered to volunteer for the program for the completion of their mandatory 40 CSP hours.

The orientation session began by the recitation of Holy Quran followed by briefing of Community Support Program, its activities, the Community Support Club and showing a video documentary of the Lettuce Bee Kids Literacy Program V to all participants. The representatives of Lettuce Bee Kids addressed our BU volunteers and gave them a presentation to explain the model of the Lettuce Bee Kids Literacy Program VI.

At the end of the orientation, each student was paired with a street child to assist them throughout the program. It was an interactive session and everyone showed keen interest to participate in the program. The Lettuce Bee Kids Literacy Program VI will take place in the months of July- August 2017 and about 60 to 70 students' from the Earth & Environmental Sciences Department (BS Geology, Geophysics and ES-4) students will complete their mandatory 40 CSP hours by participating in the program.



Lettuce Bee Kids Literacy Program VI

The orientation session of the Lettuce Bee Kids Literacy Program 2016 was held on June 21, 2017 in the Auditorium of Bahria University. 2 representatives of Lettuce Bee Kids were present on the session

along with 35 street children from the slums of F-11, Islamabad. It was attended by the batch of Fall-2015 students from the Department of Earth & Environmental Sciences. The first two weeks of teaching were taken up by the class of Geology (Fall-15) students and they improved reading and writing skills of the children. A 'Movie Day' was arranged on July 12, 2017 for the children in the Auditorium of



Bahria University. The movie Cars 3 was played which was really unique and well-made and the children enjoyed watching it. The '70th Independence Day' was also celebrated on campus with the children of Lettuce Bee Kids on August 9, 2017. The children from 'Master Ayub Literacy Program' were also invited to the ceremony. A Sports Day on July 28, 2017 was arranged by the student volunteers who made the day memorable for these children and provided them a platform to show their talents/skills in various sports. Also, gifts and certificates of participation were distributed to the children to take back home as a token of remembrance for this special day. The Management Sciences Department contributed in the Program by distributing clothes, gifts and lunch to the children of Lettuce Bee Kids on August 3, 2017 in the faculty cafeteria of Bahria University Islamabad.

Literacy program with Master Ayub children at Bahria University

Ayub Khan, famously known as Master Ayub, offers free tutoring of all subjects to the underprivileged students, however, there is neither shelter nor facilities; Master Ayub has rendered his efforts in educating a huge mass of students. The firefighter, gave in all his life and time coaching the needy.

Bahria University's Community Support Program decidedly took a stand in the name of humanity and collaborated alongside Computer Sciences, Electrical Engineering and Earth & Environmental Sciences Departments to teach the children of Master Ayub in the university premises in Summer-2017 which took place from July – August (Timings: 02:00-05:00 pm) in OC Hall 3 & 4 of Sir Syed Block. Transport for pick and drop service of children was also taken care of by the university and also other than studies, extracurricular activities were also organized. An orientation was conducted on 7th July, 2017 in the Auditorium of Bahria University. Master Ayub along with his two teaching assistants and 40 kids were present. As in summers, classrooms are available so a teaching session for Master Ayub's children was organized in class rooms to conduct the classes for students. Each volunteer took the responsibility of one child and tutored them. A "Sports Day" was also organized for the children in the Gymnasium on 21st July, 2017. The sports activities included badminton, table tennis, different entertainment games such as Tug of War, balloon shooting, sack race and dart game. Some more exciting minute to win games were also played for the entertainment of these children. Bahria University Islamabad celebrated the "70th Independence Day" on campus with the children from Master Ayub Program on August 9, 2017. The children of "Lettuce Bee Kids" were also invited to the ceremony.



70th Independence Day Celebration

Independence day, 2017 was celebrated with a lot of energy and ardor by the Pakistani Nation. Bahria University Islamabad also participated in the celebrations by performing a few traditional rituals. The day kicked off with the national anthem while the honorable Pro-Rector/ DG Campus Rear Admiral



Shahid Saeed HI (M) raised the beautiful flag of our beloved homeland, next the cake was cut to bring a little flavor to the day, then everyone enjoyed themselves by bouncing around to the “Mili Naghmas” at the Musical Eve arranged by the Music Society in collaboration with The Student Support Centre. The members of Arts and Dramatic club also presented a special play. Indeed the day was well spent and every small act, all the little details of the day were a way of showing love to the country that we truly love and have developed such a strong attachment towards it. Long live Pakistan.

International Business Summer School Team Building Exercise

On August 7th, 2017, events club organized a team building exercise for the participants of international business summer school program. It included a number of team building and personal development activities, which enhanced students to improve their communication, morale, productivity and learn one's



strength and weakness. The idea was to perform various activities that were both fun and challenging. Participants shared their personal experiences regarding the event right after which left a positive impact on us all.

On August 15th 2017, a mime was performed in Ibn e Khuldun Auditorium for the participants of Psychology summer school by the members of Arts and Dramatics club. This mime signified the concept of a very common dichotomy ie. Good and evil. Along with that, the audiences were entertained by illusional staged tricks of seemingly impossible feats using natural means. The event, on the whole, was very interactive and interesting as per the feedback given by all the participants.

The Music Society hosted a musical evening in Ibn e Khuldun Auditorium on August 17th 2017. The performers included members of music society as well as musicians from Islamabad and Rawalpindi. It was an evening rolled up in classical music with an equal blend of folk beats and gave a message of peace, love and harmony to the guest of honor, Dr. David Rowland.

Freshmen Orientation Fall 2017

Bahria University Islamabad Campus held its orientation session in Ibn e Khuldun Auditorium on 29th and 30th August, 2017 for those who started their journey with the University from fall 2017 semester. Director General welcomed the new students followed by the introduction of HODs and the administration. Students were also briefed on the rules and regulations of the University and to take advantage of our on-campus resources such as; its examination process, international linkages, academic policies, co-curricular activities and the general rules which the students are expected to abide by. Students also learned how to find their way around campus and most importantly, they had a chance to meet their fellow students and get their student ID cards.

“Mall of Humanity”- Joint Collaboration of Bahria University Islamabad and Helping Hand for Relief & Development (HHRD)

Two orientation sessions of “Mall of Humanity” were conducted on July 27, 2017 and August 10, 2017 respectively by the team of Helping Hand for Relief & Development (HHRD) at Bahria University, Islamabad. The Head of In-kind Gifts Program, Mr. Sajid Iqbal, the Internship Coordinator, Mr. Furrukh Saeed, the Executive Researcher, Haris Hafeez and their media team were present at the session. The orientation sessions were followed by a survey visit to the village Pind Dadan Khan on August 13, 2017. A student team of about 30 volunteers from the Community Support Club of Bahria University conducted the survey of the village and registered about 515 families for the event. The survey visit was followed by receiving of donation items by Bahria University from HHRD on August 19, 2017. About 319 cartons were received (including 21 soap cartons) from HHRD which included 9000 plus items in total for distribution. After receiving the donation items, they were placed in 2 classrooms of Sir Syed Block of university for further processing. The “Mall of Humanity” was a full day event conducted in Government Boys School on August 27, 2017. The management consisted of different teams namely the media, logistics and security team with assigned tasks

and duties. Bahria University signed a Memorandum of Understanding (MOU) with Helping Hand for Relief and Development (HHRD) on August 30, 2017. The Contract signing ceremony was held at Bahria University Head Office where Rear Admiral (R) Shahid Saeed HI (M), Pro-Rector Bahria University and Mr. Fazal ur Rehman, The Country Head, Helping Hand for Relief & Development (HHRD) Pakistan signed the contract in the presence of dignitaries and officials from both organizations. The Closing Ceremony of “Mall of Humanity” took place in the Presentation Hall of Bahria University on August 30, 2017. The students were awarded certificates of appreciation by Mr. Fazal ur Rehman, The Country Director, HHRD for participating in the program. The team of HHRD also distributed shields as a token of remembrance to the event heads of Bahria University. A video documentary of the successful event was shown to appreciate the efforts of the university and HHRD towards this great cause.

AIESEC Recruitment Session

AIESEC is the world's largest non-profit youth-run organization that develops and connects the next generation of young leaders with impactful professional and volunteering experiences to activate their potential. On 14th September'17, an info session of AIESEC was conducted by its representative in LT-2. Students were briefed as to how the organization functions and how is it beneficial if they become a part of it. Students certainly showed a very keen interest towards the organizations objectives.



Participation of students in CDRS Youth Conference

CDRS held a Youth Conference on 17th, September 2017 at Serena Hotel, Islamabad. The students from Bahria University were sent an invitation to be a part of this session. It was very productive as the event optimized our students about the aims and ambitions of the organization which is directly concerned with firm ambition of promoting welfare of public at large without heeding geographical boundaries. Umair Jaswal (Singer and television actor, singer-songwriter and music producer), an alumnus of Bahria University and Todd Shea (Singer and Humanitarian, Founder and CEO- CDRS) spoke and performed some songs at the end of the event. CDRS also presented awards to the outstanding youth activists, youth achievers, social workers and dignitaries who are working for the betterment of their country and Humanity.



Couch Potato Orientation For Hostelites

The Media Club arranged an orientation session on 20th September'17 in Fatima hostel of an amazing app known as "Couch potato" which is trending these days and has introduced an innovative concept for the convenience of people in a way that you just have to sit back and relax while they deliver everything on your door step. In this orientation, the "couch potato" team briefed the girls about the ways they can get in touch with them and get their work done anytime, anywhere without much effort. Numair, who is the co-founder, introduced the objectives of couch potato in a precise manner and Sir Salman, Sir Adil Hashmi and Maam Sobia Nadir, also the members of couch potato, were the attendees of the orientation. The girls were thankful to the entire team of Couch potato for conducting this orientation wished them best of luck for their goals.



they had something fun to do along with the studies. As the name suggests the event was basically a board game competition held in singles and teams between students. The winners of the game were given cash prizes. The singles' matches were 4 individual players fighting to be the winner and the team matches were, two people playing as teams against the other team. More than 400 students participated and in the end the best and the luckiest of them won. Like they say Ludo is a mixture of strategy and luck!

Ludo Fiesta 2017

Ludo fiesta 2017 was organized by Events club Bahria University Islamabad. Held from October 12th, 2017 – October 14th, 2017 in OC basement. Ludo is a part of everyone's childhood and almost all of us have spent hours fighting and obsessing over this game. This event was a little try on the behalf of events club to bring that excitement and that joy of our childhood back. It was planned for the students as a co-curricular, so that



Voice Of Bahria – Season III

The Music Society continues to encourage the talented students, blessed with amazing voices, by providing opportunities and platforms that help them to polish their vocal cord. This year, music society conducted “VOICE OF BAHRIA – SEASON III” in collaboration with BUTV media house. The journey of VOB 3 started off on October 12th, 2017 and concluded on December 13th, 2017 in BU Carnival. This competition followed the format of Pakistan Idol and was a whole new experience for our students. The entire event was aired on BUTV as weekly episodes hosted by the members of Music Society where the students voted for their favourite contestant. Owais Khan took the stage by storm and was crowned the winner



GIMUN X Report

Bahria University debates club actively takes part in different MUNs happening all over Pakistan. GIKI (Ghulam Ishaq Khan Institute of Science and Technology) is known for hosting one of the most prestigious MUN in the country, GIMUN. Every year, hundreds of people across the country flock in November to attend this event. This year the event was dubbed as GIMUN X as the X represents the tenth GIMUN held by the university in roman numerals. Bahria university debates club like every year held extensive interviews and a mock session to judge and handpick people they shall be sending to compete in GIMUN. These duties were carried out by the club's secretary general and the coordinator MUNs Ghazmir Mansur and Laraib Zehra respectively and a total of 8 students were picked for 8 committees of the GIMUN. The team was briefed and mentored before and all throughout the event by Laraib and Ghazmir. This year GIMUN had a total of 8 Committees which were UNSC (United Nations Security Council), UNDP (United



Nations Development Programme), UNHRC (United Nations Human Rights Committee), Press Corps, DISEC (Disarmament and International Security Committee), PNA (Pakistan National Assembly), UNWomen and a specialized committee for Game of Thrones. Our team was assigned the country of Switzerland so all our participants represented Switzerland as delegates in the international Committee. All these committees discuss different issues pertaining to their own specific area of interest. Our team won one Best Delegate Award by Naila Shuja for Press Corps, Two Outstanding Diplomacy awards by Toufeeq Rahim and Salman Jaffri and an Honorary Mention by Amna Shahid.

Anti-Corruption Week 2017

Power does not corrupt people. People corrupt power. -William Gaddis. A Debates session in relation to anti-corruption week was held on 12th December, with participants from all departments of Bahria University. BUILDS' primary goal was to create an awareness on prevention and elimination of corruption through a comprehensive approach proposed by the youth which will eventually strengthen accountability and future of our beautiful country. The major focus was the role of youth and how, with corruption, eventually, everyone pays a price. We thank all the participants who made it happen and Bahria Administration for all their efforts.



Participation of students in Hiking for World Heart day by Shifa International Hospital

Every year, 29th September is acknowledged as “World Heart Day” and efforts are made by individuals, communities, organizations and government from around the world to bring the public’s attention to the health of their hearts. Millions of people die each year due to cardiovascular diseases (CVD’s). In 2015, about 17.7 million people died due to CVD’s and it has been estimated that by 2030, the CVD’s will be responsible for 23 million deaths’.

Shifa International Hospital is Pakistan’s largest 550-bedded private tertiary care hospital. They not only provide healthcare services but also organize seminars, workshops, medical camps and other activities that create awareness amongst masses on disease reduction. To create awareness of heart diseases, Shifa International Hospital, organized a Hiking Trip at Trail 3 on Sunday, September 24, 2017. This hike aimed at providing information to the public about ways to prevent heart diseases. The theme chosen this year was, ‘Share of Power’.

The students from the Computer Sciences Department participated actively to make the preventive healthcare campaign beneficial for general public. Later after the hike, all participants were presented with appreciation certificates and giveaways. At the end, snacks were served to refuel the burnt energy by all concerned. The campaign was a success and the effort was appreciated by the university students.

Trip to Lake View Park with Aafiyat Old Homes

Bahria University Islamabad and Bringing Smiles collaborated and hosted a memorable day for Aafiyat Old Homes on 10th December, 17 at Naval Sailing Club, Lake View Park to bring some happiness for the people living there. Aafiyat Old Homes is working to ensure facilities to elderly people accommodating about 20 people in total. They are providing quality services, including shelter, food, healthcare and recreational facilities, to old and infirm people of society. The work Aafiyat Old Homes people are doing by caring



for them as their family members was amazing to see, and no one except Allah can reward them, but at least we all can appreciate and support them in this great cause. It was a fun filled day for everyone where valuable stories were shared by the old people with volunteers of Bahria University. The lessons and experiences the elders shared with the students were an eye opener for them as most of their families had abandoned them and sent them to old homes. The students realized that simply by giving their time and conversation meant a lot to these people. One of the most meaningful things we could do for them was to spend some quality time with them.

Volunteers helped to organize the event and assisted in providing lunch to everyone. It was a memorable afternoon hanging out with these residents and boat ride was arranged for everyone at the end.

Awareness session on Transgender



differences and aware us about Transgenders, Bahria collaborated with Saving Humanity and organized an awareness session on 11th October'2017. It was attended by Plastic Surgeon at PIMS, Dr Faizan and lawyers and students from the Departments of Law and Computer Sciences. People's concept about the existence of Transgenders has evolved over time yet lack of knowledge on the lives of these people has shadowed much of the world. To educate people how and what initiated this movement, Saving Humanity made its presence promising and their relentless efforts on the working of Transgenders were seen. The aim of this session was to make people conscious of who transgenders are, their communities, the discriminations they face and how students can use their skills to highlight and report such issues. Not only were there critics raised from the illiterate but also the educated lot reacted similarly. What bothers these

Transgenders is that people make judgments and fun of them which lowers their self-esteem level. Like other human beings they deserve to be treated with respect and be able to walk the streets without shame of not being accepted. The seminar informed the audience about the difference between Transgender and sex, also what kind of difficulties parents face if such a child is born. For better understanding, Bubbli Malik, a transgender was called on to share her experiences and what she had to face in the society. She, in support of others and for their security introduced an organization, Wajood Organization which speaks openly about Transgenders and how they have to bear what people in the society say about them. The students were surprised to know the deep realities of our society and question and answer session with Bubbli Malik was encouraged in the end.



Seminar on Personality Development

Every person differs in how they perceive and portray their thoughts, feelings and emotions. This difference in perceptions and actions is called personality and the refinement of one's own persona is called



personality development. Personality enhancement and grooming plays a vital role in image building. The most important thing while polishing an identity is that, one needs to accept their past and mistakes in order make the present better by forgiving everything that's been done. To impart knowledge and awareness amongst the students, a seminar on Personality Development was arranged under the ambit of Community Support Program on Wednesday, 15th November, 2017 in the auditorium of BUIC. It was attended by students from Law and Psychology Department, who were guided by the guest speakers, Ms Mehwish Kamran, Public Relations Officer and Ms. Gul e Nayab, a Lecturer and a Motivational Speaker from Management Sciences Department. The seminar began with Ms. Mehwish, who gave a brief introduction about what personality is and how personality and character differ from each other. For better understanding through demonstrations, students were chosen from the audience. What the audience thought and how they perceived particular events, was given much regard. Ms Gul e Nayab gave a lecture on how to negate pessimism and enjoy life to the fullest. To seek what and how others define 'Life', a short activity was conducted. The students drew a variety of symbols that defined what they understood about life and how they comprehend it. The purpose of the seminar was to groom the participants and make them have a mark of their own. It encouraged the individuals to look at the brighter sides of life. The purpose was to help them develop a positive attitude in life. The seminar gained positive feedback and active participation from the students in the audience. A series of questions by the audience were answered with patience and accuracy by the speakers.

National Disaster Awareness Day

Pakistan is vulnerable to a wide variety of natural and man made disasters. In terms of Global Climate Change, it is ranked as a high risk country. Despite economic losses, recurrence of disasters has taken a heavy toll of human lives since the last decade. Due to the fact that there is ignorance amongst the masses, there have been a lot of sufferings. To eradicate all these issues and to create awareness amongst the masses, National Disaster Management Authority (NDMA) has launched many of its campaigns and seminars across the country.



NDMA is a government recognized organization formed and established under the ambit of the federal authority to deal with the whole spectrum of disasters and their management in the country. NDMA makes and enforces national disaster policies at both federal and provisional levels. To conduct humanitarian operations in the country and to deal with all its aspects that include disaster management, NDMA has collaborated with various government ministries, military and UN based organizations. Its main purpose is to cater to human needs and to nullify or propose ways to deal with issues after disaster.

Therefore, 8th October, 17 has been declared as "National Disaster Awareness Day" and to honor this day, an event was arranged in F-9 Park on Sunday, 8th October, 2017. Bahria University actively participated in this youth oriented event along with many other educational institutions. To educate more about the operations and what measures be taken, NDMA collaborated with Rescue 1122 and other organizations. Ambassadors of different countries made their presence known. Stalls and activities were arranged for everyone. A coloring activity was conducted in which the schools, Beacon house and Supernova actively participated. Literary activities were also organized along with other extracurricular activities such as debates, ludo, cycling, and a pledge wall and photo booth. Many students made speeches representing their respective schools. With the collaboration of ITP, a Cycling Rally was held at the end. Other than that, free merchandise of different organizations was displayed for the visitors. There was a scouting camp on both Boys and Girls side. They showed different products such as solar products used in earthquakes which are handy and their usage was demonstrated to the public. In addition to this, as a tribute to those who lost their lives in natural disasters, everyone lit lanterns in the sky.

It was a very informative and fun filled event.

MoU signing between Bahria University and Pakistan Alliance for Girls Education (PAGE)

Bahria University Islamabad signed a Memorandum of Understanding (MOU) with Pakistan Alliance for Girls Education (PAGE) on December 5, 2017. The Contract signing ceremony was held at Director Campus Office where Cdre (R) Syed Hasan Mustafa

HI (M), Director Islamabad Campus and Mrs Fajer Rabia Pasha, the Executive Director, PAGE signed the contract in the presence of team of Student Support Centre and officials from PAGE.

A brief introduction of both organizations was given and the future collaborations between both organizations were discussed. Possibilities to strengthen partnership and developing work on various initiatives to support girls' education, women empowerment and entrepreneurship were also discussed.



Awareness Session on Medication Safety

As per definition, medicines are used to treat diseases, manage conditions, and relieve symptoms. Although medicines are safe when used as prescribed or directed by a doctor, they have many risks that may lead to side effects and ultimately death. Under Community Support Program BU Islamabad collaborated with Shifa International on Wednesday, September 27, 2017 and organized an awareness session on medication safety. On account of that, the Chief of Pharmacy, Mrs. Salwa Ahsan was invited to the University to conduct the session. She is a Doctor of Pharmacy and MBA in Health Care Management, IOBM in Karachi. She was previously leading the Pharmacy Services Department at Aga Khan University. Her experience in this field educated a huge mass of students. She mainly informed the students about different hazard symbols and the implication of medicines on the human body. Knowledge about incidents of household poisoning and harm were very descriptive. Each group of medicines was individually discussed. Precautionary measures to avoid harm were put forth, followed by the hospital's helpline in case of emergency. The seminar and the knowledge it imparted was not only beneficial, but highly necessary.



Seminar on Breast Cancer Awareness

Nowadays, the most worrying disease faced by women from around the world is Breast Cancer, especially in third world countries like Pakistan, where there is not too much awareness on the subject. According to statistics Journal of Pakistan Medical Association (JPMA), 1 in 9 women are at risk of being diagnosed with Breast Cancer in Pakistan. Almost 40,000 women every year in Pakistan die due to this disease not only because of their ignorance and lack of resources.

Therefore, to create awareness and educate women about Breast Cancer, Shifa International Hospital collaborated with BU Islamabad on 25th October, 2017 and conducted a seminar for female students in the Presentation Hall. The female students from the departments of Psychology, Law and Social Sciences attended the seminar. Dr. Uzma Qasim, an Oncologist was the speaker who briefed the audience. Not only was this an enlightening session, but it sought to spread hope amongst young women by inviting a Breast Cancer survivor, Ms. Sajida Tanvir, who is now also an Ambassador of Breast Cancer Awareness at

Shifa International Hospitals. In accordance to the pink theme, the students and management wore pink ribbons to show solidarity with those who were facing this disease. Dr. Uzma after a brief introduction discussed in depth the causes, symptoms, treatment options, self-examination and preventative measures of Breast Cancer. Later, Ms. Sajida was invited to the podium and she commenced with her motivational speech. Her aim was to convey positivity to the audience through her experience. The story moved many seated in the audience. At the end, information material and awareness packs were distributed amongst students. The contents of these envelopes were important information about this disease which formed a part of Super Girl Volunteers program. This program aims to work with student volunteers who will pass on the information packs to friends/family and create an impact of the disease. The seminar dismantled all myths and overcame taboos concerning Breast Cancer and gave students the entire spectrum of the topic on basis of factual accuracy. This promoted unity on part of the audience to stand together in the face of breast cancer, creating awareness amongst them and encouraging them to pass on this important and valuable information to their female peers and family members.



Pehli Zindagi #Rasta Dein Campaign by ICRC

The International Committee of the Red Cross (ICRC) is a humanitarian organization which serves to protect the lives and dignity of victims of armed conflict and other situations of violence. Over the years, healthcare in Pakistan has faced several

obstacles, among which has been the loss of respect for the ambulance, signifying the fading value of life. Many lives breathe their last on the road, among blaring sirens falling deaf on all but the hearts of the families sitting inside. The ignorance towards these ambulances is a concern of humanity and to sensitize the community, ICRC initiated the #PehliZindagi #RastaDein campaign for restoring respect and right of way for ambulances.

To create awareness and to educate the faculty and

students of Bahria University, a seminar was arranged in the Presentation Hall of BU Islamabad on 31st October, 2017. A brief introduction of the organization and the efforts made by its members was given followed by the significance of the campaign for the society. A short video was shown to the students. The session was overall informative and interactive and gathered a huge crowd of students. It served to sen-

sitize both the students and the faculty. To engage the student's, arrangement, a small setup with photo booth and posters was made. Towards the end of the lecture, a pledge ceremony was held. The lecture gained considerable attention and received positive feedback from the students.



Qawali Night

The Music Society of Bahria University, Islamabad in collaboration with the Events Club organized a musical extravaganza for the students, alumni and faculty of Islamabad campus. The event named, "Qawali Night" was first of its kind to be hosted this year. This was the continuation of "Sufi Night" which was also hosted by the Islamabad campus last year. The event took place in "Ibn-e-Khuldun Auditorium" on May 25th 2017. DG Campus, Rear Admiral (R) Shahid Saeed, the chief guest of the event attended this musical event alongside his family. This event gave students a chance to showcase their talent in front of a large audience and gave them an opportunity to gain some stage experience. The event was opened with a number of performances by the members of the Music Society. Alongside our students, Mr. Mehboob Mian Meeri, A famous qawal for Lahore was invited for the main event. Mr. Meeri along with his team travelled all the way from Lahore to grace the stage with their presence.

Akeel Ashumat (LLB-7) and Moiz Ali (Geology-5), who also play for an underground band called "Zerbiding" from Gilgit-Baltistan, opened the event with their wonderful music and charged up the audience. This was followed up by the singing icon of Islamabad Campus Arslan Bin Naseer (Runner-up, Voice of bahria). His mesmerizing voice and taste in classical music left the audience in awe. Mr. Meeri along with his team was warmly welcomed onto the stage by the audience. Mr. Meeri completely changed the atmosphere of the auditorium and had the entire audience on their feet as he sang a number of famous qawalis of Ustad Nusrat Fateh Ali Khan. The event was attended in large number not just by the students but also by faculty members. Many students had their first "live Qawali" experience and had fully enjoyed the show. Mr. Meeri, at the end, expressed his gratitude for the invite to such a lovely show and shared that he had a great time and had never seen such an energetic audience before. With wishing to return to perform soon for us again, he bid farewell as he along with his team had to travel back to Lahore.



The first student symposium on document image analysis was held under the Pakistani Pattern Recognition Society (PPRS) on 1st December 2016 at Quaid block, Bahria University, Islamabad campus. Graduate students and PhD scholars at Bahria University, NUST-SEECS and IST, working in different areas of Document Image Analysis presented their work to a panel of experts for feedback and future research directions. The resource persons included Dr. Imran Siddiqi (Bahria University), Dr. Faisal Shafait (NUST-SEECS), Dr. Khurram Khurshid (IST) and Dr. Adnan-ul-Hassan (PAEC). The event not only provided constructive feedback but also allowed networking opportunities to the graduate students as well as faculty members.

Alumni Affairs

Alumni Achievements:

M. Ubaid Iqbal, PMP- MSPM

I was fortunate to have excellent faculty during my 1.5 year MS-Project Management at Bahria University, Lahore Campus. After completion of my program I prepared for PMP exam. I found that all courses taught at Bahria University were quite relevant for PMP exam. I thanked to all my teachers who taught us in a dedicated manner.

Moreover, my first research paper got published in Lahore School of Economics Journal called Lahore Journal of Economics. Title of my paper was “The Socioeconomic Impact of a Customized Lending Program for Furniture Clusters in Chiniot, Punjab”.

Shawaz Hussain Baluch, PMP

Bahria University, Lahore Campus acted like a light at the end of tunnel for me. The different raw ideas and questions generated were answered in a very professional and methodological manner from all teachers during my MS-Project Management degree. I was one of the luckiest one to have dedicated faculty who pushed me hard in the credentials so that I should be able to succeed in these exams with the flying colors. Today I am the first visually impaired PMP certified in Pakistan and most probably second in



the world. I have also done Prince2 Certification. I give my whole credit to Bahria University, Lahore Campus.

NAB Dramatics Competition

On 20 Dec 16, students of Bahria University Lahore Campus (BULC) participated in NAB Dramatics Competition at Bukhari Auditorium, Government College University Lahore. Theme of this competition was Anticorruption. Universities from all over Lahore participated in this competition. BULC's play was titled “Rah e Hal” which told the story of a fake amil baba and how he deceives innocent people. The play not only depicted financial corruption but also moral corruption in our society. It also showed that there are still some people who can show others the right path. The performance of BULC's students was appreciated by the audience.



Rector BU's Visit to BULC

Honorable Rector BU, Vice Admiral (Retd) Tanveer Faiz HI (M) visited BULC on 18th October 2016. During the visit he inaugurated institute of Electrical and Electronic Engineering student branch at BULC. Rector BU visited around the campus and interacted with the faculty members. He shared his vision and gave guidelines on various aspects to improve standard of education and research. Later, in a prize distribution ceremony, Honorable Rector awarded the prize for best faculty researcher to Dr. Rizwana Bashir HOD Management Sciences and distributed certificates of appreciation among the students appeared in Rector's Honor List for last three consecutive semesters.



Eid Milan Dinner

BULC staff and faculty got together on 18th July 2016 at Maisonette Roof Top Hotel for Eid Milan Dinner. All the faculty and staff members along with their family members were invited on this



Independence Day Celebrations at BULC

On Aug 16, faculty and staff celebrated 70th Independence Day of Pakistan at BULC with flag hoisting by Honorable Director Campus Commodore Amjad Zaman SI (M) followed by recitation of the national Anthem the event was a reminder of the

importance of independence that we enjoy and the sacrifices our ancestors made for it. Director Campus and all the faculty and staff renewed their promise to value the Independence and serve the country in every possible way.



Corporate Advisory Committee Meeting, Department of CS & IT

Department of Computer Science and IT conducted its corporate advisory committee meeting for Fall-2016 on 08 September 2016. Director campus Cdre (Retd) M Amjad SI (M) opened the session and addressed the esteemed guests. CAC members from academia and corporate sector attended the

meeting. Different agenda points were discussed in CAC session including bridging industry academia gap and placement of students. Esteemed Corporate Advisory Committee members presented their recommendation for strengthening cooperation. Participants praised BULC efforts for conducting such meetings. Mr. Farhan S Sherazi (HOD CS&IT) assured CAC members that his department will continue its program to bridge the gap for the development and prosperity of our country.



Corporate Advisory Committee Meeting, Department of Management sciences

Department of management Sciences conducted second Corporate Advisory Committee (CAC) meeting on 08 September 2016. Faculty members of Management Sciences (MS) Department and

representatives from corporate sector attended the meeting. Mr. Salman Altaf, PO SRC briefed the house about the progress on decisions and recommendations of the first meeting. A number of new agenda points were discussed and deliberated upon by the participants. Dr. Mumtaz Ahmed, Director Punjab economic Research institute, appreciated the efforts of CAC to bridge the gap between academia and industry. HOD (MS), thanked everyone for sparing time for this meeting.



Corporate Advisory Committee (CAC) Dinner

A Corporate Advisory Committee (CAC) dinner was held on 17th October 2016 by Bahria University Lahore Campus (BULC) at Dumpukht, Pearl Continental Hotel Lahore. Honorable Rector BU, Vice Admiral Tanveer Faiz HI (M) Retd. Hosted the dinner. Members

of CACs of BULC attended the dinner. Matters of mutual interests were discussed on this occasion. The objective of this dinner was to provide the platform for the members coming from the relevant industries or business/service organizations for the promotion of University-Industry Linkages at Bahria University Lahore Campus.



Chinese Delegation Visit to BULC

A Chinese Delegation along with Mr. Umar Sultan – Head Risk Management and Financial Services, IFI Consultants visited Bahria University Lahore Campus on 16 Dec 16. Esteemed guests were given a panoramic view of Bahria University along with a campus around guided by HOD CS, Mr. Farhan Sherazi. Worthy Chinese guests not only appreciated but also discussed further opportunities to collaborate. Director Campus Cdre. M. Amjad Zaman SI (M) (Retd.) presented souvenirs to guests.



Welcome Party Fall 2016

On 29 September 2016, senior students of Bahria University Lahore Campus gave a Welcome Party to the new students inducted in fall 2016 semester. Students started the event by paying tribute to Late Abdul Sattar Edhi. There were different performances



prepared by the members of Student Resource Center including a mime, play and different music performances. Director Lahore Campus distributed certificates among the Presidents of SRC who had successfully completed their respective tenure. The audience enjoyed the event very much.



World Disability Day

On the celebration of world Disability Day the Voice Society for the Rehabilitation of the Special persons in collaboration with BULC Dramatics Club arranged the play 'Garam Anday' at Alhamra Hall No.2. Theme of the play was to create awareness about disabled persons in our society. Performance of BULC students was appreciated by the audience. Deputy Director BULC, Cdre Faisal Shabbir TBT was the Guest of Honor for the evening and addressed the audience highlighting the importance of supporting the disabled persons and their role as effective members of the society.



Cancer Care Information Session at Bahria University Lahore

As part of Community Support Programme, Prof. Dr. Shaharyar & Dr. Nazish Faisal from Cancer Care Hospital were invited to Bahria University Lahore Campus to deliver a lecture on Cancer Prevention through healthy life style. They also briefed the students about how they can work as a volunteer with Cancer Care Hospital which can also help them in completing mandatory forty hours of Community Support hours towards their degree.



Spring Party 2017

An end of semester Spring Party 2017 was arranged by Student Resource Center Bahria University Lahore Campus on 23 May 17. Senior students welcomed

the new intake while juniors bade farewell to the first graduating batch of BBA. Students were given a chance to show their talent and had useful interaction with faculty members and seniors. Director Lahore Campus Cdre M Amjad Zaman SI (M) (Retd.) was invited as the chief guest.



Transgender Ownership Project

On 3 Jun 17, the students of MSPM-I-A, executed the 'Transgender Ownership Project,' successfully. This is the first time in Lahore city, where the doors of any educational institution were opened to them. The

scope of the project was to bring transgender into the mainstream of our lives through motivation, proper guidance, and training, and connect them to entrepreneurs for job placement. Brig(R) Bilal Ahmad, the CEO of Akther Saeed Trust, distributed floor bags among them. He ensured free medical services and treatment at his hospitals. K3 Shaheen distributed free clothing among them.



Voice Society Play

VOICE Society for Disabled Persons organized a stage play "Phir Wohi Muhabbat" in collaboration with Bahria University Lahore Campus on 4 and 5 April 2017 at Alhamra Hall No. 1, Lahore. The play

aimed to highlight the difficulties disabled persons face in our society. Students from Bahria University Lahore Campus actively participated in the management. Students from BULC Dramatics Club acted in the play as well. Director Lahore Campus Cdre (R) Amjad Zaman SI (M) was invited as Chief Guest on the second day of the event.



A soccer ball with black and white panels is positioned on a green grass field. A bright yellow diagonal stripe runs from the top left towards the bottom right, passing behind the ball. The background shows a green field with white boundary lines.

Chapter - 10

Sports



Sports

CONGRATS : BU on winning HEC Zone-C Hockey Championship 2017

Bahria University faced Islamic International University today in the final match and emerged victorious with a final score of 5-2.



Students Week 2016

Students' Week 2016 was held at BULC for the first time from 22-24 November 2016. Students participated in many extra-curricular and sports activities which included poster design contest, photography contest, impromptu debate competition, painting

and sketching competition, vine & dubsmaash competition, movie night and tournaments of badminton, table tennis, tug of war and arm wrestling. Students of BULC enthusiastically participated in the activities. Closing ceremony was held on 25 Nov 2016. Director Lahore Campus, Cdre M. Amjad Zaman SI (M) Retd, distributed prizes among students who did well in different competitions.



Sports is an integral part of a student's life. University Sports is preliminary meant for the purpose of training of mind and body of the youth and to enable them to live physically fit and comfortable in the world as a good citizen. Like all other healthy activity sports have always help in achieving academic goals of

university education. With this in mind and to develop the sports culture in our society, University encourage this activity and hold/ participate regularly in HEC organized inter varsity / all Pakistan championships and inter & intra university competitions.

Sports Achievements

Following are the events in which BU participated and the achievements in year 2017-18.

HEC Intervarsity Zone 'C' sports championships

Sr. No	Tournament Title / Sport Title	Date	Location	Outcome
1.	HEC Intervarsity Zone 'C' Football Championship 2017-18	20 to 24 December 2017	PSB Islamabad	Participated
2.	HEC Intervarsity Zone 'C' Table Tennis Championship 2017-18	1 to 3 January 2018	UET Taxila	Participated
3.	HEC Intervarsity Zone 'C' Badminton Championship 2017-18	17 to 18 January 2018	Bahria University Islamabad	Participated
4.	HEC Intervarsity Zone 'C' Basketball Championship 2017-18	21 to 23 January 2018	Bahria university Islamabad	Bahria University Winner

HEC's 15 years' celebrations

As part of HEC's 15 years' celebrations various sports events were organized by Bahria University during 12 – 20 September 2017. Events were held in all the campuses i.e. Islamabad, Karachi and Lahore. Report on the conduct of events held is appended below:

1. Islamabad Campus.

Islamabad campus organized Badminton event to mark the celebrations. Detail is as under:

S.No	Description	Remarks	
i	Event organized	Badminton (Inter Departmental Double Championship)	
ii	Teams	12 (team of different departments and Faculty members), 19 matches were played	
iii	Result	Winner	Runner up
		Computer Science Department	Faculty Members
iv	Chief Guest	Cdr (R) Fayyaz Ashraf PN, (Dy Dir Safety & Security)	
v	Prize Ceremony	Trophy awarded to winner team	

2. Karachi Campus.

Karachi campus organized Badminton, basketball and volleyball matches to contribute to the occasion. Detail is as under:

S.No	Description	Remarks	
i	Event organized	Basketball, Badminton and Volley Ball matches	
ii	Matches played		
	Volley Ball (Boys)	Bahria university vs Dow university	
	Basketball (Boys)	Bahria university vs Indus university	
	Badminton Boys	Inter Departmental	
	Badminton (Girls)	Inter Departmental	
iii	Result	Winner	Runner up
	Volley Ball (Boys)	Bahria university	Dow university
	Basketball (Boys)	Bahria university	Indus university
	Badminton Boys	Management Sciences department	Computer Sciences department
	Badminton (Girls)	Media Sciences department	Management Sciences department

3. Lahore Campus.

Lahore campus organized Badminton tournament. Detail is as under:

S.No	Description	Remarks	
i	Event organized	Badminton tournament	
ii	Matches played	24 students participated, matches played on knockout basis	
iii	Result	Winner	Runner up
		Rehman Afzal of BSCS-2	Muhammad Abdullah of BBA-4
iv	Chief Guest	Director Campus, Cdre M Amjad Zaman SI(M) (Retd.)	
v	Prize Ceremony	Shield awarded to winner and certificate to the runner up.	

Students Week Fall 17

Sports events were held during the sports week in all the campuses i.e. Islamabad, Karachi and Lahore.

Inter Departmental Championships/ Events organized by BU Constituent Units BULC

Students Week Fall 17 was held in December (5-6 Dec) in which different sports events were organized at inter department level. The sports held included cricket, futsal, Badminton (boys & girls event), chess, Tug of war and arms wrestling events. Closing Ceremony was held at BULC on 13 Dec 17. Director Lahore Campus, Cdre M Amjad Zaman SI (M) (Retd.) was the Chief Guest. BULC Music Club performed a few songs after which the Chief Guest distributed certificates and trophies among winners and runner-ups in different sports. He appreciated the efforts of the students and encourages them to indulge in more such healthy activities.

BUIC

BUIC organized following sports events at inter departmental / Open university championships.

S#	Date	Event	Winner	Runner-up	Venue
1	20-7-17	Friendly Cricket match CS VS EE Deptt	EE	CS	NAVAL COMPLEX
2	21-7-17	Friendly Cricket match MS VS CS Deptt	MS	CS	MARGALA GREEN GROUND
3	9-10-17	Friendly Volleyball match Female BUIC VS NUST	BUIC	NUST	NUST
4	11-10-17	Friendly Volleyball match BUIC VS Naval Club	BUIC	NAVAL CLUB	BUIC GYM
5	26-10-17	Friendly Basketball match BUIC VS Raptor Club	BUIC	RAPTOR CLUB	BUIC GYM
6	18-11-17	Friendly Badminton match BUIC VS FAST	BUIC	FAST	BUIC GYM
7	18-11-17	Friendly Volleyball match Female BUIC VS FAST	BUIC	FAST	BUIC GYM

BUAA Cricket Match

Cricket Tournament “Junoon Cup” was organized on 25th November by BUAA and Top city -1 played by Alumni, Students / Faculty, Top City and Star marketing players at Top City Cricket Ground, Kashmir Highway. The tournament in which 4 teams participated was attended by Many Bahria University officials and Top city hierarchy.

BUKC

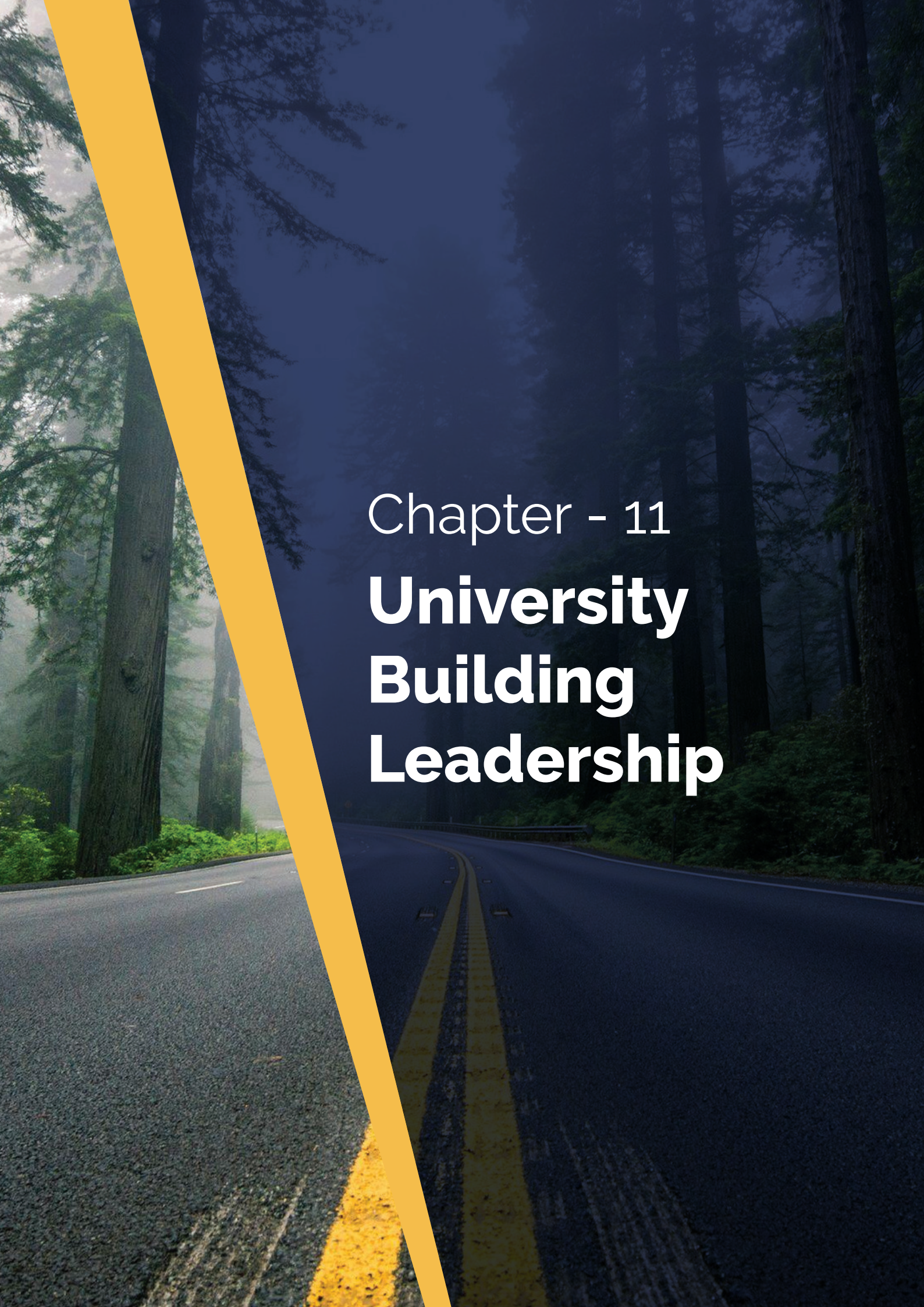
BUKC participated in following sports events/ tournaments:

S.No	Name of Event	Dates	Venue	No of teams	Winner	Runner Up
1.	Habib University Sports Olympiad (Futsal)	18-23 Sep 17	Habib University	32 teams	BUKC	Fast- National
2.	NED Sindh Sports Gala 17 (Basketball)	26-30 Oct 2017	NED	5 teams	BUKC	NED
3.	NED Sindh Sports Gala 17 (Cricket)	26-30 Oct 2017	NED	12 teams	PIMSAT	BUKC
4.	NED Sindh Sports Gala 17 (Volley Ball)	26-30 Oct 2017	NED	5 teams	BUKC got Bronze Medal	
5.	NED Sindh Sports Gala 17 (Throw Ball)	26-30 Oct 2017	NED	5 teams	BUKC got Bronze Medal	

NED Sindh Sports Gala 17

1. The inauguration ceremony was held on 26th Oct 2017 at NED University. Secretary, Sports & Youth Affairs Department Mr. Dr. Niaz Ali Abbasi was the Chief Guest who inaugurated the NED Sindh Sports Gala'17.

2. The closing ceremony Dr. Sarosh Hashmat Lodi Vice Chancellor of NED University of Engineering and Technology & Prof. Dr. Akhtar Baloch Vice-Chancellor Benazir Bhutto Shaheed University Lyari Karachi, who gave the awards to the 1st, 2nd & 3rd Position Holders.



Chapter - 11

University Building Leadership



University Building Leadership

6th International Conference on New Challenges in Management and Business

Ms. Aamina Ihsan, Faculty member, department of Management sciences presented her paper titled; An Assessment of Risk Management Practices of Islamic Banks in Pakistan- A Comparison with the Regulator's Benchmark i.e. CAMELS Rating System at the 6th International Conference on New Challenges in Management and Business held in Dubai on February 11th 2017.

Lecturers, teachers, MA Students, PhD Candidates, researchers, practitioners, and experts in the field of management and business participated in the event. It was a great learning experience to listen to the scholars from around the world presenting on the upcoming business and Global challenges. Scholars from around UK, USA, Turkey, Russia as well as Iran presented the upcoming issues regarding Environmental changes and its impact on the economy, Taxes and Entrepreneurship performance, Eudaimonia (Happiness in People's lives), CSR and etc. The scholarly views and researches offered new perspectives in management, which can be addressed in the future researches.

1st National Conference on Business Dynamics

1st National Conference on Business Dynamics was held on 20th February 2017. The conference was organized by Allama Iqbal Open University, Islamabad. The main aim of the conference was to Share scientific reviews, empirical evidences and diverse experiences in the field of business and management primarily from local environment in pursuant of knowledge economy .To meet the challenges of present environment, organizations in Pakistan needs competent and multi-skilled manpower with adaptive personalities. Universities and educational institutes are responsible to provide human resources with skills set deemed appropriate

to meet modern challenges. Faculty members Mr. M. Akram, Ms. Nida Kamal and Dr. M. Ismail Ramay presented their paper titled; "Is Job Satisfaction a Missing Link in Relationship between Emotional Intelligence and Job Performance? Evidence from Academics in Higher Education Sector of Pakistan"

Ms. Saman Javed, Lecturer at the Department of Management Sciences Also presented her paper titled; "Attaining Total Quality Management through



Effective HR and Knowledge Management Practices- A Closer Look at the Dimensions". 1st National Conference on Business Dynamics provided a platform to discuss diverse issues pertaining to core business areas by inviting talks, keynote speeches and research presentations. The conference welcomes

contribution from various management domains based on novel ideas and rigorous methodology. The conference was enriched with plenary and parallel sessions as well as offered opportunity for social networking.

Guest Speaker session “CPEC: What we should know about China”

Ms. Sarina Shirazi, Faculty at the Department of Management Sciences invited Ms. Fareeha Sarwar, for a lecture on Methods & Importance of CPEC on the 20th of February 2017. Ms. Fareeha Sarwar is the Coordinator China Program at the Institute of Policy Studies. She is a Senior Research Associate working on “Globalized Business and Politics in Muslim world” and a visiting professor at Iqra University & International Islamic University Islamabad.

The lecture on the topic “CPEC: What we should know about China” was insightful for the students. The talk covered the introduction to the Pak-China relations, the historic importance of the alliance between the two countries, the current trade route development while addressing the questions of the attendees about how to conduct research and what to include in their project reports in order to address the latest emerging issue of the One Belt One Road (OBOR) initiative of which CPEC is a small yet smartest trade corridor.

Guest Speaker session: “Role of Marketing Intermediaries”

Mr. Umair Aftab is Director and Proprietor of Star Engineering Works was invited by Ms. Sobia Shujaat, faculty member, Department of Management Sciences to deliver a guest lecture on the role of marketing intermediaries on the 23rd of February 2017. Mr. Umair is based in Karachi and running his family business successfully. He is a Bahria University Alumnus and one of the suppliers providing shipping parts to Pakistan Navy.

The guest speaker shared his personal experiences with students regarding the role of marketing intermediaries in business to business marketing. He

explained that without the intermediaries it is close to impossible for the businesses to function at all. The session provided the students an idea of how organizations are selling their products and services to other organizations.

Guest Speaker session: “Pakistan Economy, Forex and Fiscal Challenges”

A guest speaker session on “Pakistan Economy, Forex and Fiscal Challenges” was organized by faculty members of the Management Sciences Department including Mr. Osman bin Saif, Ms. Saher Zeast, Ms. Hina Samdani and Ms. Shumaila Israr. The guest speaker for the occasions, Mr. Hammad Bajwa is Finance Director at Alcatel-Lucent and has immense experience in the policy making and planning. In the session the Participants were expected to develop Familiarization with Economic Development of Pakistan, Policies, Planning and Achievements. Also a thorough understanding of the Macro – Economic growth and Development issues in various Economic Sector of Pakistan Economy. The speaker built an In depth knowledge relating overall Economic Policies including Fiscal, Monetary, Agriculture, Industry, Trade and Commerce for sustainable development, Global Economic Integration and role of Financial Economic Assistance by World Bank, IMF and other Development Financial Institutions. The session provided valuable insight for the students and the faculty members.

4th Deans and Directors Conference

4th Deans and Directors Conference organized by National Business Education Accreditation Council was held on 7th-8th February 2017 at Serena Hotel, Islamabad. The **theme of the conference was “Business Education and its Context: Points of Convergence and Divergence”**. The conference focused on the balance required between global paradigms versus the need to customize business education in Pakistan according to the local needs. The conference program was designed to increase the effectiveness of business education in Pakistan,

through debate on the mentioned issues and through related refinements in the accreditation process.

H.O.D Management Sciences Department Dr. Ali Saeed along with a team of faculty members and students represented Bahria University at the Conference. Dr.

Ali while speaking to the audience emphasized on the critical steps the university is taking to align education with business needs and the efforts being put in to identify and recommend actions to the emerging challenges in business education.



IEEE WIE INTERNATIONAL LEADERSHIP SUMMIT (ILS) 2017

IEEE Women in Engineering (WIE) was honored to host the International Leadership Summit (ILS) 2017. WIE ILS was meant to provide global initiatives that focus on inspiration, leadership, empowerment and entrepreneurship. This provided a platform to exchange the innovative practices and skill development towards start up initiation and business development. Women from diverse backgrounds was engaged in sharing their success stories.

Target audience included these:

- Female Entrepreneurs
- Startups
- Investors

- Researchers
- Students

The summit was comprised of two tracks.

- Women Empowerment
- Emerging Technology

It was one day event consisted of different sessions & motivational talk. The event encouraged participants to interact with strong professional female speakers and to learn from them. The speakers were the renowned women leaders from Technology and Business fields like IBM, World Bank Group. Each speaker has shared their individual professional life experiences and discussed their views on women empowerment. The attendees were from the different universities all around the country. All the participants were issued with the certificates for taking part in the International Leadership Summit (ILS).



LLM Student Visit to PSX and Companies Registrar Office

Students of LLM of Department of Law, Islamabad visited Pakistan Stock Exchange and office of the Registrar of Companies on 10th May 2017. The tour was headed by Dr Tauseef Iqbal, Senior Assistant Professor at Law Department. The objective of this study tour was to expose students to practical aspect of corporate law. Students attended informative sessions regarding the working of both Pakistan Stock Exchange and the Registrar Office. These sessions were followed by interactive questions by students to get practical information.

Bahria University organized a 100- Hour Professional Hypnosis International Certification Training (NGH-USA) from Thursday 26th January to Saturday, 4th February 2017. The resource persons for the training were Dr Imran Yusuf, Dr Sobia Aftab and Dr Uzma Masroor. Participants included mental health professionals and students from all over Pakistan. The DG Islamabad Campus, Rear Admiral (R) Shahid Saeed HI(M) graced the closing ceremony as the chief guest. Higher officials Commodore (R) Syed Hasan Mustafa SI(M) Director Islamabad Campus and Mr. Shahid Haq, Director LDC also attended the ceremony. Participants of the training not only learnt expertise in treating different psychological problems through techniques of hypnosis but it also helped them transform into a better self.



Law Department

Guest Lecture for Students of BU of Law Department

Dr. Javaid Rehman, Professor from department of Politics, History and Brunel Law School, Brunel University UK visited Bahria University, Islamabad for a Guest Lecture on topic of International Human Rights Law. Professor Rehman has a vast experience

in International Human Rights Law and served as adviser to various bodies including UN Human Rights Council and US Senate's advisory on International Terrorism.

Social Sciences Department

Department Trip to Shahpur Dam

HSS Department visited Shahpur Dam, Fateh Jang on 11th February 2017 for an academic/ leisure trip. The



faculty members along with the Head of Department fully participated in this interactive session and enjoyed the well-known fresh fish of the Shahpur Dam.

Indian Ocean Geo Politics

Head of Department, Dr Azhar Ahmad delivered a key note speech on “Indian Ocean Geo Politics” to a round table organized by Centre for Pak-Gulf Studies on 21 February, at Serena Islamabad.



EU relations with Pakistan

Anne Marchal, Minister Counselor, Deputy Head of Mission, Delegation of the European Union to Pakistan had an interactive session with our students in Bahria University. The lecture was on the topic of EU relations with Pakistan organized by the department of Humanities and Social Sciences, in LT-2 on 23 February 2017.

Say NO to Corruption



The department of Humanities and Social Sciences organized a very informative guest lecture on “Say No to Corruption” on 21 February in Auditorium. The guest speaker was DG (Awareness & Corruption) National Accountability Bureau, Aliya Rashid who enlightened students on measures taken by NAB to increase awareness about corruption and urged the young minds to play an effective role to fight this issue of our society.

Economic Governance in Pakistan, Issues and Strategies



HSS department arranged a guest lecture on the topic of “Economic Governance in Pakistan, Issues and Strategies” on 16 February in LT-2. The guest speaker was Dr. Shahida Wizarat, Dean College of Social and Economic Development at the Institute of Business Management Karachi. Dr. Shahida informed students about how Pakistan’s economy can be further strengthened and how present issues can be addressed. She further explained the role a student can play to help in the challenges faced by the country regarding economic governance.

Student Support Centre



Freshmen Orientation Spring 2017

Bahria University Islamabad Campus held its orientation session for the new admissions batch of spring 2017 semester on 1st and 2nd February, 2017. The Director General and Director Campus Islamabad welcomed the new students; followed by the introduction of HODs and the Administration. He wished them



luck for their academic career in Bahria University. Later the students were briefed on the rules and regulations of the university and were acquainted with the workings of the university; its examination process, international linkages, academic policies, co-curricular activities and the general rules which the students are expected to abide by. After the general session, the students were entertained with refreshments and then proceeded separately for their departmental procedures. The Concerned Heads of Department addressed the students and briefed them on their respective field academic requirements. The day concluded with a tour of the university including the Library, Academic Blocks, Gymnasium, Cafeterias and other prominent places and facilities to familiarise the new comers with the environment of the campus.

17th Foundation Day



Bahria University celebrated its 17th Foundation Day on 7th February 2017 with great zeal and enthusiasm. The event commenced with the flag hoisting ceremony by the revered Pro-Rector BU Director General Islamabad Campus Rear Admiral (Retd) Shahid Saeed HI(M) after which he gave a welcome note in the auditorium. CEO Nayatel especially honoured Bahria

University on this event with his motivational skills, sharing his experiences with the students as well as highlighting achievements of the alumni. Director Quality Assurance of Bahria University, being one of the founding members and longest serving employee reflected upon the journey of the University. Starting with mere 700 Students and reaching the epitome of 14000 students in 10 established departments offering both under graduate and post graduate programs in only 17 years, makes this university a beacon of hope and success conveying elite education to the youth of Pakistan. The university's web channel BUTV interviewed a few of its many employees that have been part of the institution since inception. It highlighted that the University's purpose and integrity has been upheld by its dedicated employees who toiled day and night to achieve its aims. This event showcased university's team work, cooperation and determination amongst its administration, faculty, students and staff that has led it to reach significant heights, continuing to strive to become the best. We hope that Bahria University continues serving the Nation with the same vigor.



Business Idea Competition

On 31st January 2017, a team from Bahria University Islamabad won the third place in the Pakistan Mobile App Awards 2016. The Awards were conducted by the Pakistan Telecommunication Authority. This national competition was the first step taken by PTA to involve the youth in problem solving through IT and equipping the young generation with modern equipment. In pursuance of PTA commitment to promote innovation, advancements and accessibility in technology PTA and Internet Society (ISOC) Asia-Pacific Bureau has launched "Pakistan Mobile App Awards 2016" in collaboration with Ministry of IT &

Telecom, Telenor & Special Talent Exchange Program (STEP). This year's competition theme is "Embracing Mobile Accessibility", which aims to focus on the development of mobile applications on the needs of Persons with Disabilities (PWDs) in Pakistan. The independent international sources quote that about ten to fifteen percent of Pakistan's population consists of people with disabilities (PWDs). The Competition judged ready-to-use mobile applications for the persons from disability groups with Visual Impairment, deaf or hard of hearing, Physical disabilities and cognitive impairments

The application Roll Out is built to facilitate the physically disabled citizens and to make their daily lives as convenient as it is for any other member of the society. Roll Out's main idea is making accessibility to public places easier for the physically disabled persons. The app included information of Hotels, Cafes, Hospitals, shops, recreational areas and educational institutes, along with governmental organizations. The idea is to make the physically challenged people become a part of the society and live in the society like every abled citizen. Roll Out will enable special persons to live close to normal people with the help of the data provided and would enable them to work and communicate with other people for daily affairs. Roll Out provides information of ramp, elevator, bathroom, parking and facilitator services. The team plans to launch the App on Google Play in February 2017.

The team which was incubated in the Business Incubation Centre of Bahria University under the supervisions of Dr. Faisal Aftab Director of ORIC, and the manager of Business Incubation Centre Mr Muhammad Mehrul Hassan, The team Roll Out consisted of Haitham Naser as the team lead. The rest of the members included Rafia Saleem, Asad, Laraib Zehra, Toufeeque Rahim, Mariam Ijaz Kiani and Naufil Bin Amir. The team from Bahria University Islamabad



campus appeared in the final round of Pakistan Mobile App Awards 2016 along with the 4 finalists from different institutes from all across Pakistan. The Chief Guest for the ceremony was the President of Pakistan Mr. Mamnoon Hussain, along with Minister of Information Technology Anushah Rahman, Chairman PTA Syed Ismail Shah and CEO Telenor Irfan Wahab Khan.

The competition was held at PNCA. President Mamnoon Hussain talked about the Digital Era of Pakistan. President Mamnoon Hussain on Tuesday said that focus on Information Technology (IT) for stability of national economy was must and the use of IT was the need of the hour to inform the young generation about modern learning and research trends. Additionally, Minister IT Anushah Rahman added that mobile application award would go a long way in developing a strong relationship between the academia, industry and the relevant government organizations and would turn out to be exemplary for the rest of the sectors of our economy.

Young Parliamentarians Forum

Young Parliamentarians Forum (YPF) is a platform of 80 young parliamentarians under the age of 40. The forum has taken upon itself to undertake activities that though aimed at achieving the national goals, also have relevance to the international community. Given the present turmoil in the Sub-Continent and the conflict situation all over the world, an active and meaningful involvement of parliamentarians, invoking the dictums of parliamentary diplomacy is essential for creating a harmonious and dialogue driven global society. With ongoing pace of globalization, the economic and political scenarios are rapidly being influenced that are impacting the fabric of socio-cultural lives of the people, particularly the vulnerable groups including women, children, persons with disabilities and the elderly. On behalf of Young Parliamentarians' Forum (YPF), National Assembly of Pakistan, the students of Islamabad Campus were invited to attend the consultation session on the "Implementation Issues and Challenges of Women Protection Laws in Pakistan" on 9th February 2017 at Pakistan Institute of Parliamentary Services (PIPS). 15 selected students from the department of Law BUIC attended this informative workshop for an interactive session with the dignitaries of our country.

Tree Plantation Drive at Bahria University Islamabad

The management of Bahria University Islamabad arranged a tree plantation drive outside the faculty parking area on 9th February, 2016 to create social awareness about the importance of tree plantation. The DG Campus graced the occasion with his presence and the event was attended by the Director, all HODs, DDs, officers and students from different departments.

The chief guest planted trees seedlings to mark the day a significant one and everyone appreciated the initiative taken by the university in joining the national campaign for environment protection by planting trees. As always Bahria University never lags behind when it comes to giving back to the community; the students were encouraged to participate in such community support drives and emphasis was laid on environment conservation.

The students actively participated in the plantation drive and shared their views about the importance of tree plantation. The lower staff helpers taught them how to plant the trees, water them and uses of tree plantation.



Trip to Rescue 1122

Under the ambit of Community Support Program, SSC organized a visit of students to the office of Rescue 1122 in Rawalpindi on 23rd February, 2017. The trip was arranged by the Humanetek to complete the mandatory CSP hours of our students and their PR Officer assisted the students to the office of Rescue 1122 Islamabad.



AIRMUN

Air University, Islamabad hosted "Air Nexus 17" from 3rd to 5th March 2017. Students from various universities of Islamabad took part in this Olympiad participating in a variety of competitions. Students of Bahria University, Islamabad represented the university in volleyball, videography, and Model United Nations with all their might. Suleiman Mehmood and Syed Shayan Khalid (BSS) were the runner ups in the videography category whereas Bahria University Islamabad's girls' volleyball team emerged victorious, beating 7 teams in the tournament, with a winning cash price of 7 thousand rupees. The team members include; Zubaria Rasool, Laraib Malik, Marriam Majid, Nawehya Bukhari, Tehreem Arif, Shaiza Rasool and Rida Arif.



The boys' volleyball team on the other hand were the runner ups out of the 15 teams which took part in this event. They won a cash price of 10 thousand rupees. The team members include; Hamza Haneef, Sikandar Hayat, Khubab Khan, Umer Nazir, Ali Butt, Zareef Sahil, Zeeshan Ali.

The Model United Nations team were exceptional and surprised their competitors with their amazing performances in various committees representing

North Korea. Laraib Zehra and Aleezah Shahid had an Honorary Mentions whereas Simran Shoaib and Abdul Rehman Baig were given Best Delegate Awards.



BUMUN 2017 at BUKC

Bahria University Karachi Campus hosted Bahria University Model United Nations '17 on 17-19 March 2017, a 3 day UN simulation inviting candidates from all over the country. This 7th edition of BUMUN offered some very interesting and though provoking topics to debate upon where the delegates experienced true spirit of debate, leadership and stood united in diversity, the best secretariat in town and exciting social events, all housed in Bahria's beautiful campus. The event was outset by an Opening Ceremony graced by the honorable presence of Director General (BUKC). Followed by back to back committee sessions and exciting social events including Fete De La Musique and Samaa-e-Gul, the event concluded with a Formal Dinner and Award Ceremony namely the Legend's Night, where prominent delegates were awarded for their distinct performance in the committees. BUMUN maintained its distinction among other conferences of the city by giving the delegates a real time glimpse at the workings of the UN, and by presenting some interesting spinoffs on the traditional rules and ropes of the MUNS. Delegates gained diplomatic, leadership and public speaking skills, mastered their knowledge of foreign affairs and learned to compromise and negotiate.



Guest Speaker Session with Shifa Foundation

Bahria University Islamabad collaborated with Shifa Foundation on 22nd February, 2017 and organized a motivational guest speaker session on "How to Reach Your Goals". The guest speaker was Mr. Shehram Akram, who was cordial enough to grace us with his presence in the Presentation Hall of BUIC. His fiery speech lasted for one and a half hour from 11:00 am to 12:30 pm. The speaker passionately spoke on diverse topics which included self-development, target achieving, handling stress and career start-up. The session was highly informative and interactive and gathered a huge crowd of students.



CSP- Volunteering at Teach the World, E-11



Under the ambit of Community Support Program, the Student Support Centre arranged a visit to the organization "Teach the World" in the slums of sector E-11, Islamabad on Saturday, 19th February 2017 from 03:00-05:00 pm. About 10 students volunteered to participate in this charitable activity under the supervision of CSP Officer. Various activities were

conducted in the time span of two hours which included teaching the children different subjects and playing games afterwards. The fun filled games included Tug of War and other minute to minute games which were thoroughly enjoyed by the children. Also, the children's artistic side was also tapped by competing in a drawing contest and the winners were awarded colouring books.

HEC Allama Iqbal Shield Competition

The Higher Education Commission (HEC) 19th All Pakistan Inter-University Declaration Contest, for the award of Allama Iqbal Shield round one was organized in Bahria University, Islamabad. The interdepartmental declamation competitions was held on 17th February 2017 where departments nominated candidates to participate in both Urdu and English declamation. The topics in English were, "My Vision of Democracy" and "Impact of Changing Cultural Values on Students". On the other hand the topics in Urdu were, "Fikar e Iqbal or aaj ka nojawan" and "Badalte muasharti iqtidaar ir tulba".

The Winner of the English category was Ali Yazdan (LLB-5), the First Runner Up was Salman Abbas (LLB-2) whereas the Second Runner Up was Laraib Zehra (BSS-5). Hassan Rasool (LLB-10) was the Winner of the Urdu Category, the First Runner Up was Alma Rasool (BS Geo-Physics 6) and the



Second Runner Up was Awais Khyzer (MBA-3). The event was judged by our esteemed faculty members, from Humanities and Social Sciences, Ms. Shiraza Shakeel, Mr. Shaheer Elahi and Ms. Tayyaba Zulfiqar. As per HEC rules top 2 winners from each Category will represent the University at Provincial/Regional level.

Talent Hunt

Student Support Center (SSC) of Bahria University, Islamabad aims at providing a platform for all those students who have an undefined passion for music, dramatics and art. Whether they sing, dance, paint or play any instrument, they need encouragement to shine out amongst their fellow students and this is what SSC is all about.



This time again SSC gave its students three major main stream platforms, where the students could display their talent. ATV, Foundation for Arts, Culture and Education (FACE) and Yellow buds visited Bahria University, Islamabad in the search for such talent. ATV visited Islamabad campus on 10th February 2017 to audition and select students to perform on ATV's morning show "Mehekti Morning". This gave our students a chance to perform on main stream media channel with a rating show. Apart from this FACE also held its auditions where selected musicians where to be given a chance to perform at the Annual FACE Music Mela, which is one of the biggest annual event in Pakistan. Yellow Buds on the other hand is an organization dealing in an array of services, including event management, social media marketing and photography etc. Yellow Buds

visited various universities in the search for singers and musicians who were to be featured in a video of the remake of the national song “Dil Dil Pakistan”. Students of Islamabad Campus have been selected to showcase their talent on the occasion of Pakistan Day. Mr. Ammar Bin Sarwar, Ms. Hamna Rizwan, Mr. Aahid Waseem, Mr. Arsalan Bin Naseer Mr. Usman Qayyum, Mr. Cynthia Ruth, Mr. Ardon Josher Robert, Mr. Sameed Arshad and Mr. Hamza Atiq.

Sound Slosh

Sound Slosh was organized by the students of College of Electrical and Mechanical Engineering (EME) during their annual EME Olympiad. It was a musical extravaganza where various bands from the twin cities performed on the 1st day of the Olympiad. EME invited, “ZERBIDING” which is a band of four amazing musicians who belong to Gilgit-Baltistan and are currently studying in Bahria University, Islamabad Campus. Their rich folk music is irresistible and keeps the audience on their feet.

Saifullah Beg, who belongs to the magnificent valley of Hunza, takes the lead on the Rubab. He has been playing music since childhood due to his interest in the rich cultural music of Gilgit-Baltistan. Moreover he has had his music training under a very famous Burushaski musician and performer. He has also shared the stage with the famous instrumental band “Khumariyaan”, where he showed his magic on Flute.

Moiz Ali is the backbone of this musical group as he is the one controlling the groove on the Djambe. Hailing from the mesmerizing valley of Gulmit, Moiz has been playing the drums with the local parade band and has solid grip and knowledge of the drums. He undoubtedly keeps the audience on their feet.



Uloomi Karim, hailing from Shimshal valley is the supplementing Rubab player as he is the most experienced in the group in terms of being associated with music. The former bassist of a famous underground rock band of Islamabad, ‘DissBelief’, had left the band to pursue his career in the field of Mixed Martial Arts but could not stay away from folk music.

Akeel Ashumat, belonging from the beautiful valley of Baltistan, is the man on mic and the guitarist of the group. He is quite famous in Baltistan as the vocalist of “Twos the Band” along with his twin brother. With a versatile voice and choice of music, Akeel has made an impact in the underground music.

Student Development

Different programs were conducted during the year for student development.

Web Development Training

Mr. Taimoor Amer conducted Web Development Course from 18th to 22nd July 2016. A certificate distribution ceremony was organized on 26th August 2016 where Director Lahore Campus Cdre M Amjad Zaman SI (M) (Retd.) distributed certificates among the participants.



Orientation for Newly Inducted Students

An orientation session for new students of Spring 2017 semester was held in multi-purpose hall at Bahria University Lahore Campus. The event commenced with the recitation of The Holy Quran. Both the HODs introduced their respective departments and faculty

to new students. Director Campus welcomed the new students and briefly apprised them about salient policy aspects for students during course of pursuing studies at Bahria University Lahore Campus. He also talked about different facilities that students can benefit from during their stay at Bahria University Lahore Campus. Later, students were given a tour of the campus so that they could familiarize themselves with the building.

Seminar on Critical Thinking

LDC, Bahria University Lahore Campus arranged a talk session by Mr. Muddassar Aqil, CEO, FINCA Micro Finance Bank on November 17, 2016. Talk session was arranged in collaboration with Career Pak under Talk World Program. Session was highly interactive and students actively participated from Department of Management Sciences and Department of Computer Sciences. Guest Speaker emphasized on importance of being a critical thinker and its importance in career. He also appreciated BU's efforts to minimize the gap between industry and academia.

Business Idea Competition

A business idea competition was held at BULC on 5th December 2016. Mr Yasir Arshad (CEO Stylo shoes) and Mr. Muhammad Ovais (CEO Blue Brain Technologies)



were the judges with other members including HOD MS, Senior AP CS&IT Department, and Senior Lecturer MS Department. Students actively participated in the competition with innovative business idea. Director Lahore Campus, Cdre M. Amjad Zaman SI (M) Retd distributed shields and certificates among the winner and participants of the event.



Essay Writing Competition

An essay writing competition was held at BULC on 19 Dec 2016. Students were given fort-five minutes to write for or against the topic. "Is social media making

us anti-social?" The aim of this event was to enhance students' writing skills and give them a platform to express their thoughts through writing. Students eagerly participated in the competition.

Media Channel Visit

A study trip to Media Channel (dunya TV) was organized on 19 May 17 by Ms. Zoya Naqvi (VFM)

for the students of BBA 2. Students visited the HR department of Express TV.



Industrial visit to Crescent Bahuman

An industrial tour was organized on 20 May 17 to Crescent Bahuman by Mr. Suleman Daud (Managing

Director at Crescent Bahuman). Tour was arranged for the Project Management students for real time and better understanding of Supply Chain and other allied divisions of the factory. 30 students along with HoD (MS) & PO-SRC visited the industry's venue. A Seminar on "Introduction to Robotics"



A Seminar on “Introduction to Robotics”

An interactive seminar was organized by Bahria Robotics Society on 31 October at 12:30–15:30pm. The purpose was to address all the questions from the students regarding various newly emerging fields like; Robotics, Intelligence, Machine Learning, Artificial Intelligence, along with a brainstorming session regarding student's projects, internships, Career Options and Counseling, building skillset, mentoring and a lot more. A total of around 45 students attended

the seminar from all the Engineering and Computer Science departments. The students show keen interest in learning various domains and prospects of Robotics and Intelligence domain. Mr. Ammar Ajmal a Senior Lecturer and head Bahria Robotics Society, from Computer Engineering Department, initiated and coordinated the event.

The Seminar was conducted by Mr. Tahir Mehmood, an ambassador of Robot Ignite Academy which is a Barcelona based company working on Robotics and Simulation and its trainings around the globe. He was also the Software Team of team Machinilog, representing Pakistan at RoboCup@Home 2016 at Leipzig, Germany.



A hands-on Workshop on ROS- Navigation

Guest: Mr. Tahir Mehmood

A hands-on workshop was arranged by Bahria Robotics Society on 05 December 2017 at 14:30–16:30 as a series of its meet-up sessions. This session comprised of Robot Ignite Academy (Barcelona, Spain) sponsored workshop on Robot Operating

System (ROS) targeting navigation of robots in real world scenarios. The objective of this workshop was to give students the basic tools and knowledge to understand and create any basic ROS Navigation related projects. They were given briefing on creating maps of environments, along with localization the robot in the environment, making the robots perform path planning, visualizing data of the different Navigation processes, debugging errors using RViz and configuring different Navigation nodes. A total of twenty students attended the workshop.



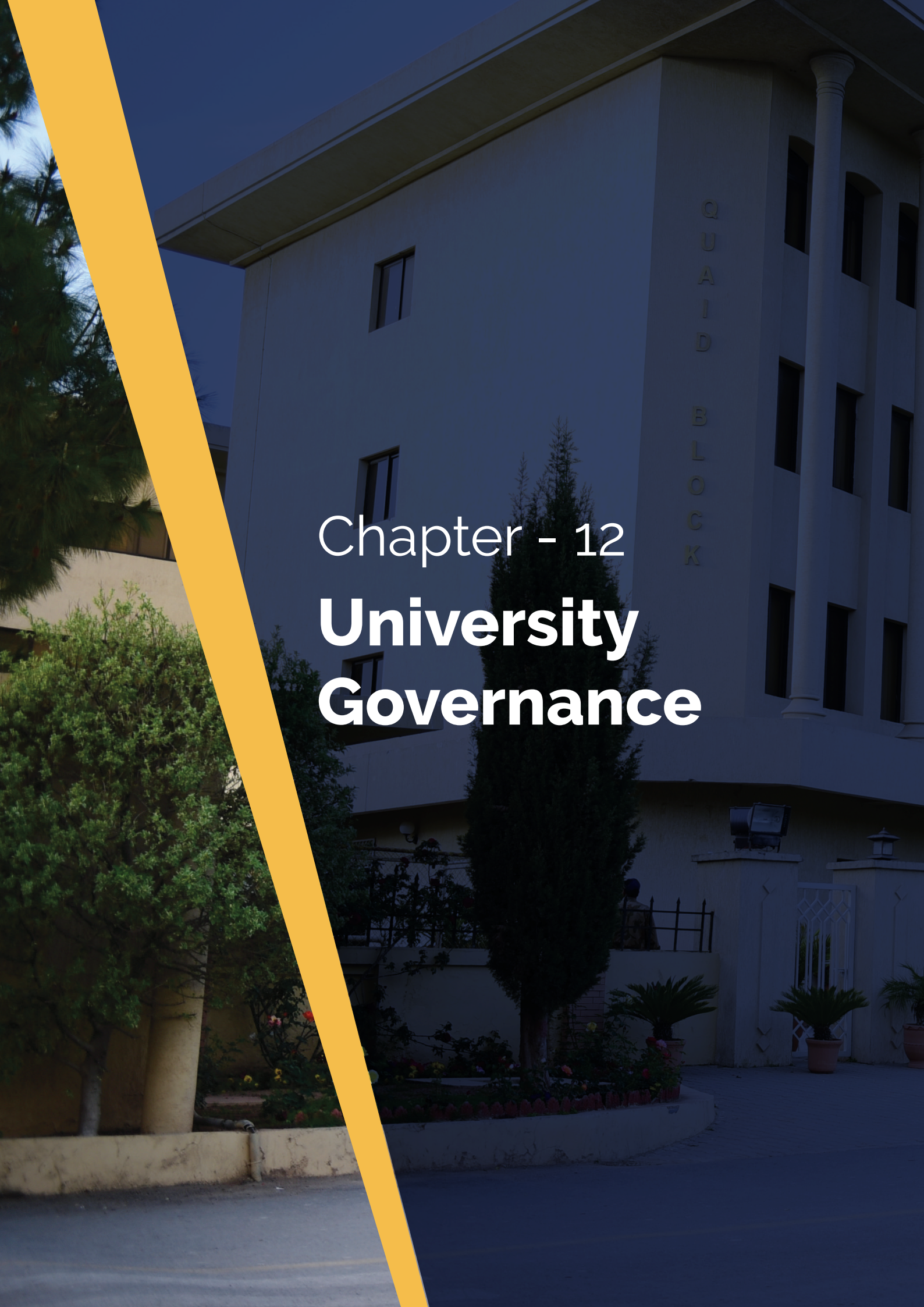
The Chairman Senate of Pakistan, Mr. Raza Rabbani visited BUKC

The Chairman Senate of Pakistan, Mr. Raza Rabbani visited Bahria University Karachi Campus as a Guest Speaker on the topic “Importance of Constitutional

Rule” on 25th March 2017. Chairman Senate emphasized on the importance of understanding constitutional rights as a citizen of Pakistan. During his visit he also met DG BU Karachi Campus Vice Admiral (R) Khawaja Ghazanfar Hussain HI(M) to discuss various academic interests. Honorable Guest appreciated the efforts of Bahria University to provide state of the art facilities and quality education to





The background of the slide is a photograph of a large, multi-story university building. The building is light-colored with several windows and a prominent entrance area with columns. A yellow diagonal stripe runs from the top left corner towards the bottom right, partially obscuring the building. The text is overlaid on the right side of the slide.

Chapter - 12

University Governance



University Governance

Bahria University was established by Pakistan Navy in 2000 under the Presidential Ordinance No. V of 2000.

The purpose of the University is to promote and disseminate knowledge and technology and to provide for instructions, training, research, demonstrations and services in branches of learning as deemed fit.

Bahria University has endeavored to introduce discipline of national significance such as Management Sciences, Engineering, Law, Social Sciences, Earth and Environmental Sciences and Health Sciences.

The President of Pakistan is the Chancellor and Chief of the Naval Staff (CNS) is the Pro-Chancellor of the University and following are the Senior office bearers / officers of the university, namely:

- i. Rector
- ii. Pro-Rector
- iii. Registrar
- iv. Advisor R&D
- v. Advisor Academic Affairs
- vi. Director Examinations
- vii. Director Finance
- viii. Director Research and Development / ORIC
- ix. Director Human Resource
- x. Director Health Sciences
- xi. Director Student Affairs
- xii. Director Quality Assurance
- xiii. Director Management Information System
- xiv. Director Planning and Development
- xv. DG's / Heads of Constituent Units / Director Campuses
- xvi. Deans of Faculties

xvii. Heads of Departments

xviii. Director LDC

Authorities

The following are authorities of the University:

- a. The Board of Governors;
- b. The Executive Committee;
- c. The Academic Council
- d. The Higher Education & Research Committee (HERC)
- e. The Faculty Board of Studies (FBOS)
- f. The Departmental Board of Studies (DBOS)
- g. Such other authorities as may be constituted by the Board.

Board of Governors

The Board of Governors is the highest forum which has control of the affairs and powers to lay down policies of the university. The composition of BoG is as under:

- Chief of Naval Staff / Pro-Chancellor / Chairman BOG
- Rector Bahria University
- Vice Chief of Naval Staff
- Deputy Chief of Naval Staff (T&E)
- Deputy Chief of Naval Staff (P)
- Director General Medical Services (Navy)
- Director General Naval Intelligence
- Director Naval Educational Services
- Commander Karachi
- Commander North
- Pro-Rector / DG BU Islamabad Campus
- DG NCMPR – Karachi

- DG BU Karachi Campus
- Secretary or his/her nominee, Ministry of Science & Technology
- Educationist as approved by the Chairman of the Board
- Chairman HEC or his/her nominee
- Secretary or his/her nominee, Ministry of Finance
- Registrar – Secretary BOG

35th Scheduled meeting of the BOARD of GOVERNORS of BAHRIA UNIVERSITY

The 35th scheduled meeting of the Board of Governors of Bahria University was held today at Bahria University HeadOffice Islamabad. The meeting

was chaired by Admiral Muhammad Zakaullah NI (M), Chief of Naval Staff/ Pro-Chancellor and Chairman Board of Governors Bahria University and attended by the board members. The board was apprised about the progress made during the last year and ongoing academic and research activities. The financial aspects of the university were also deliberated during the meeting.



Naval Chief chairs Bahria University Board of Governors Meeting (BOG)

The 36th scheduled meeting of the Board of Governors of Bahria University was held on 31st January 2017 in video conference room at the Bahria University Head Office Islamabad. The meeting was chaired by Admiral Muhammad Zakaullah NI (M), Chief of Naval Staff/ Pro-Chancellor and Chairman Board of Governors Bahria

University and attended by the board members, with detailed agenda. The Heads of Constituent Units of Bahria University Karachi Campus and Lahore Campus attended meeting through video link. A detailed briefing was given on the spate of progress on various ongoing projects, with special reference to expansion of academic areas, new infra structures, financial audits and additional educational facilities in various campuses. Chairman BOG appreciated the progress in academic standards in the university in time with its vision and mission.

Meeting of BU Higher Education & Research Committee (HERC)

Higher Education Research Committee (HERC) is the apex body of Bahria University which gives policy guidelines and directions regarding all major research issues of the faculty members and scholar of the constituent/affiliated units and monitor quality of research outcomes and theses, both at the PG levels.

In the year 2016-17, two meetings of HERC were conducted at BU Head Office through video conferencing, as follows:

- 19th Meeting of HERC held on 27th September, 2017.
- 20th Meeting of HERC held on 21st March, 2017.

Rector (BU) and Chairperson of HERC, Vice Admiral (Retired) Tanveer Faiz HI(M) chaired both the meetings. Director R&D/ORIC and Secretary HERC, conducted the meetings. HERC members and other invitees from BU and its constituted units attended the meeting and gave their valuable views and input on different agenda items regarding the research and development activities at BU.



IBEX magazine conducted an exclusive Interview with Pro – Rector / DG Campus

Rear Admiral (Retd) Shahid Saeed HI (M) has been appointed as new BU Pro Rector and DG Islamabad Campus. He had a distinguished professional career in Pakistan Navy and held important appointments which provided him tremendous exposure in management, staff, training and education. He has degrees in Marketing Management, Engineering and Strategic Studies from renowned National and International institutes. During his career he has

undergone number of courses both inland and abroad. In his welcome address, Rear Admiral (Retd) Shahid Saeed HI (M) said “I feel extremely fortunate to be part of a culture focused on student achievement, commitment to high performance and teamwork. It is my utmost intention to carry on these important traditions and practices, while helping to create a warm, caring, and conducive environment where our students have the opportunity to achieve their highest potential”.

IBEX magazine conducted an exclusive interview with Rear Admiral (Retd) Shahid Saeed on the education sector of Pakistan and initiatives of Bahria University.



A stethoscope is positioned on a grid background with a white ECG line. The entire image is covered by a semi-transparent blue overlay. A thick, solid yellow diagonal stripe runs from the top-left corner towards the bottom-right corner, passing over the stethoscope and the text.

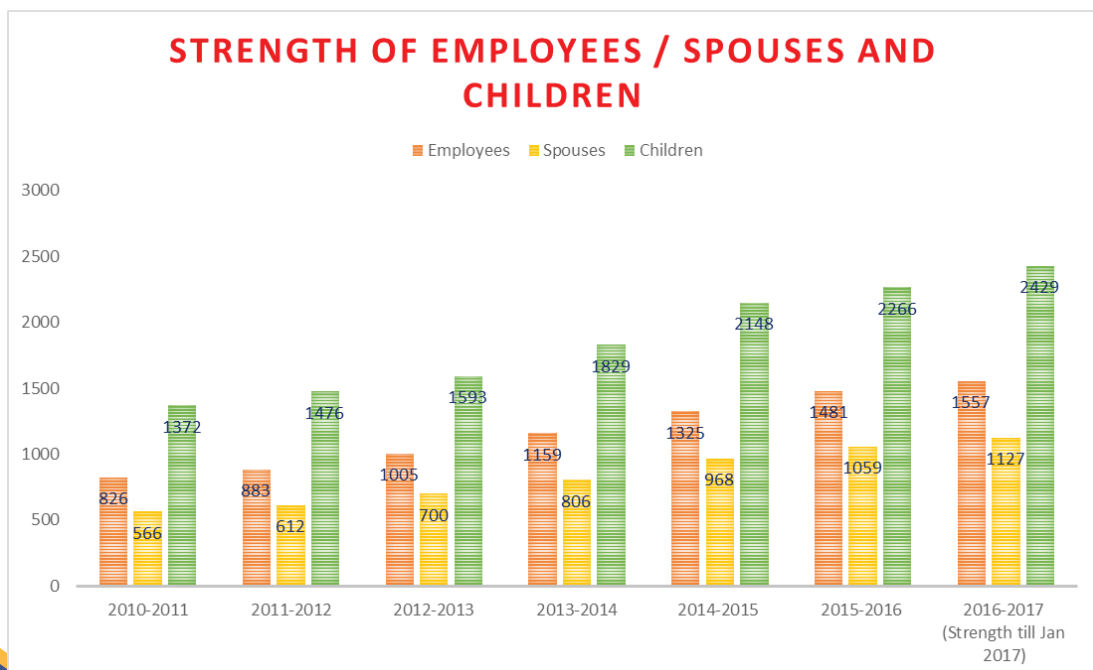
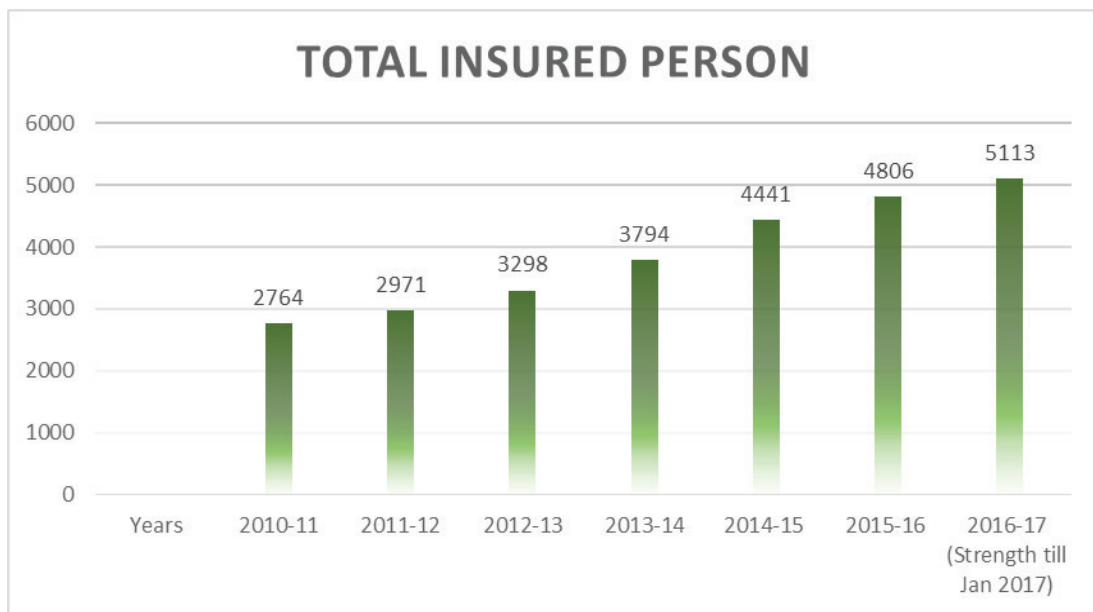
Chapter - 13

**Health Care /
Medical Facilities**

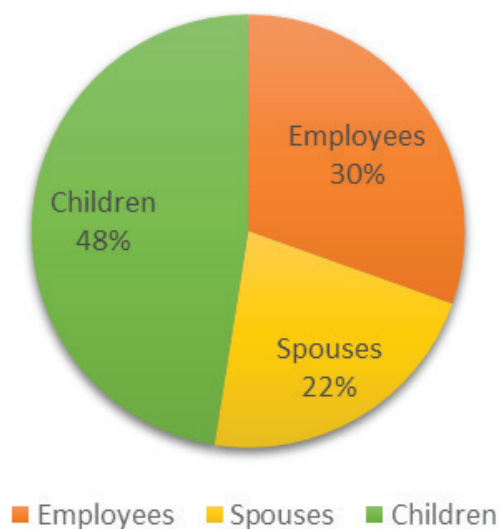


Health Care / Medical Facilities

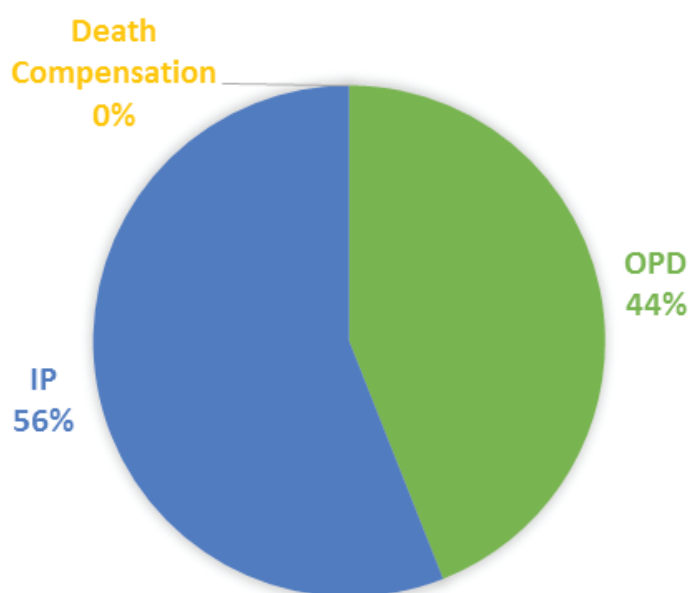
1. Bahria University has always been conscious of providing every possible facility to its employees. Provision of health Insurance coverage to BU employees is one of such initiatives. Health Insurance can relieve the employees and their families from the worries of unexpected Diseases/Ailments, Surgery and Out Patients Care.
2. In order to provide medical facilities in a logical, organized and to ensure cost effectiveness of the scheme, Health Insurance coverage is made mandatory for all faculty members, officers and administrative staff of Bahria University. Currently Jubilee General Insurance (JGI) is providing Health insurance to Bahria University Employees and their dependents.

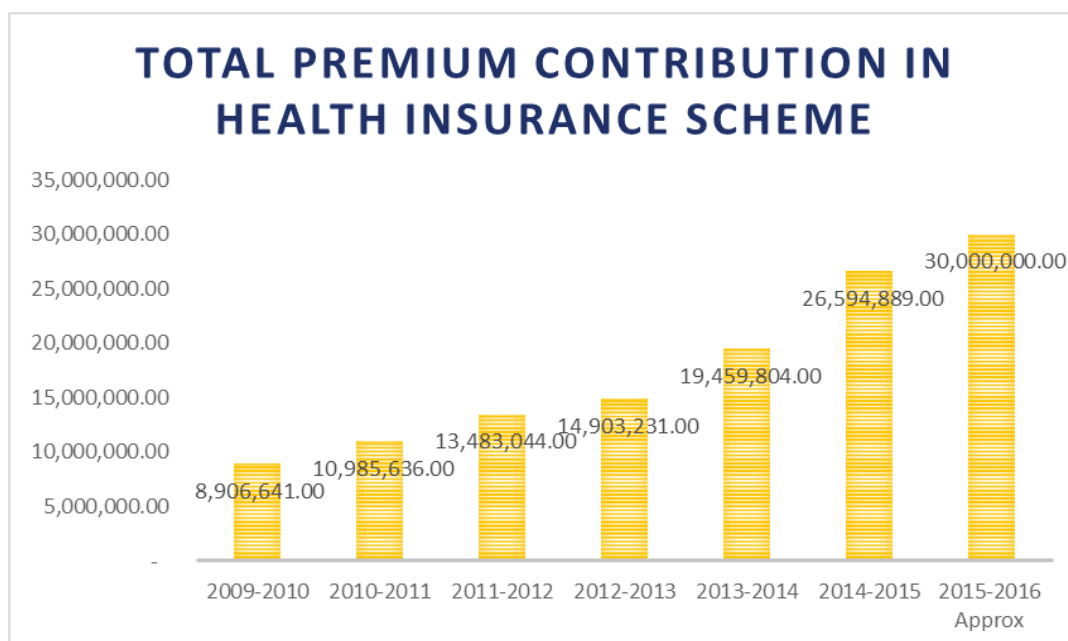


Ratio of employees and dependents



OPD/IP REIMBURSEMENT AND DEATH COMPENSATION





Health Insurance Scheme Benefits

Benefits Of Health Insurance

The following benefits are Payable:

Daily Room Charges

The Room charges per day as specified in the schedule of benefits.

Miscellaneous Expenses (Hospital)

Expenses, which are made for the following:

- a. Prescribed medical supplies and services.
- b. Baby nursing care.
- c. Physicians and surgeons visits.
- d. Licensed midwife's charges,
- e. Laboratory tests and X-Ray examinations.
- f. Operation theatre charges.
- g. Anesthesia and administration there of.
- h. Blood transfusion including cost of blood.
- i. Intensive care unit charges.
- j. Charges for circumcision of baby boys subject to a maximum of Rs.3,000/-

Surgical Expenses

Fee for any surgical operation performed by a Licensed Physician / Surgeon.

- a. MRI
- b. CT scan
- c. Accidental cases
- d. cataract surgery
- e. Angiography etc.

Pre And Post Hospitalization Expenses

- a. Physician's fee in the follow up visits.
- b. Cost of Prescribed medicines.
- c. Cost of Laboratory tests.
- d. Dressing charges, stitch removal

Expenses for any Pre-Post hospitalization Outpatient Treatment related to pregnancy are excluded from the scope of this benefit.

In the event of an accidental injury, the Hospital Expenses Benefits shall be increased to the amount stated in the schedule of benefits i.e 50% of entitlement

- (1) Pre and post natal expenses as per policy.
- (2) Gynecologist's fee.
- (3) Labor Room & Operation theatre charges.
- (4) Anesthetist fee.
- (5) Medicines.
- (6) Diagnostic tests.
- (7) Baby Nursing care.
- (8) Circumcision of a baby boy (as per policy).
- (9) Cesarean Section and Complicated Deliveries/

Specialized Investigations Outpatient Expenses

Subject to prior approval, expenses for the following , to facilitate a treatment and only on advice of a physician.

- a. MRI
- b. CT Scan
- c. Endoscopy
- d. Thallium Scan
- e. Angiography
- f. Gastroscopy
- g. Colonoscopy
- h. Echo/ETT/EEG/EMG
- i. Mammography
- j. Biopsy
- k. Carotid Doppler

Pregnancies by and on recommendation of specialist only.

Additional Benefits Of Health Insurance Covered From Current Policy Year

Congenital: Congenital diseases in respect of new born children are covered

Hepatitis : Hepatitis 'C' Interferon Therapy are covered as In-Patient without admission in Hospital.

DREAD DISEASE EXPENSE BENEFITS

Following expenses are payable:

1. Myocardial infarction (Heart At tack).
2. Coronary Artery Disease requiring surgery.
3. Management of all types of Malignant diseases(- Cancer).
4. Stroke producing neurological sequelae lasting.
5. Management of Renal Failure (Kidney Failure).
6. Renal and other major organ transplantation.
7. Severe burns.
8. Multiple sclerosis(MS).

Day Care Surgery Expenses

Charges incurred for surgical operations on pre-planned basis without an overnight stay in a hospital.

9. Aids complex.
10. Chronic Hepatitis “B” & “C”.
11. Coronary Angioplasty.
12. Organ failure (with out Transplantation): Blood purification process like peritoneal dialysis or hemo- dialysis, chemotherapy and radio therapy is also covered.
13. Liver cirrhosis (Gradually widespread death of liver cells).
14. Meningitis (inflammation of meninges of brain) Bacteria, viruses, drugs and other organism may cause it.
15. Brain Tumor: This comprises of the treatment either through chemotherapy, radio therapy or open surgery for all brain tumors.
16. Rheumatic Heart Diseases.
17. Parkinson’s Disease
18. Muscular Dystrophy
19. Alzheimer’s Disease
20. Myasthenia Gravis
21. Syringomyelia
22. Motor Neuron Disease
23. Pulmonary Embolism
24. Paralysis

Out Patient Diseases (Opd)

Following aspects on OPD will be covered:

1. Charges/ fees paid to registered General Medical Practitioner, Homeopath or Hakeem and specialist consultation.
2. Prescribed medicines and treatments including surgical dressings, physiotherapy and acupuncture.
3. Laboratory and X-ray examinations, ECG, EEG, EMG, Ultrasound, and other diagnostic tests.
4. Dental Treatment except cosmetics (Braces, scaling, crowning, and dentures).



Name/ ID	Date Out	Date In	Sign
31-13212-150	5/11/14	24.11.14	[Signature]
01-244131-088	4/12/14	5-12-14	

Name/ ID	Date Out	Date In	Sign
1			
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Chapter - 14

Budget & Finance

Distribution of market share among the major industry players



Distribution of market share among major industry players (IT & C and T was 74% and 26% percent respectively. A further change in the economic situation in the market will be characterized by a more equal distribution of market share among major players.

Projected sales of main products in 2013

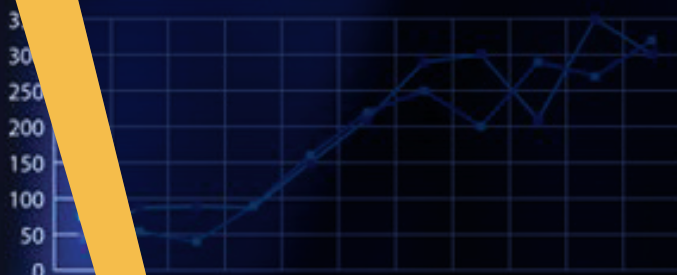


Share of market activity



Changes in the activity of the active and passive market is uncertain. Established positive trends in various market segments.

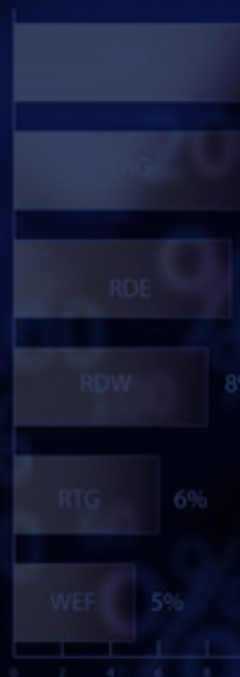
Passive market share



Distribution market

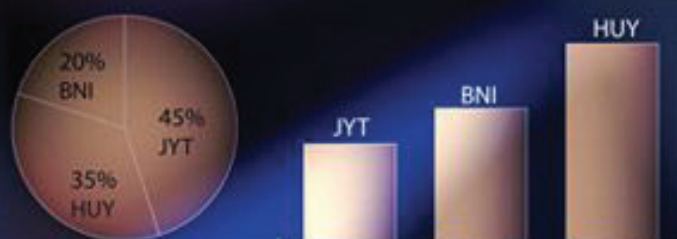


Distribution of

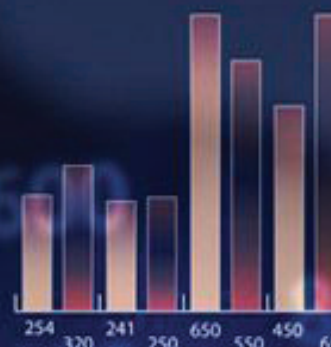
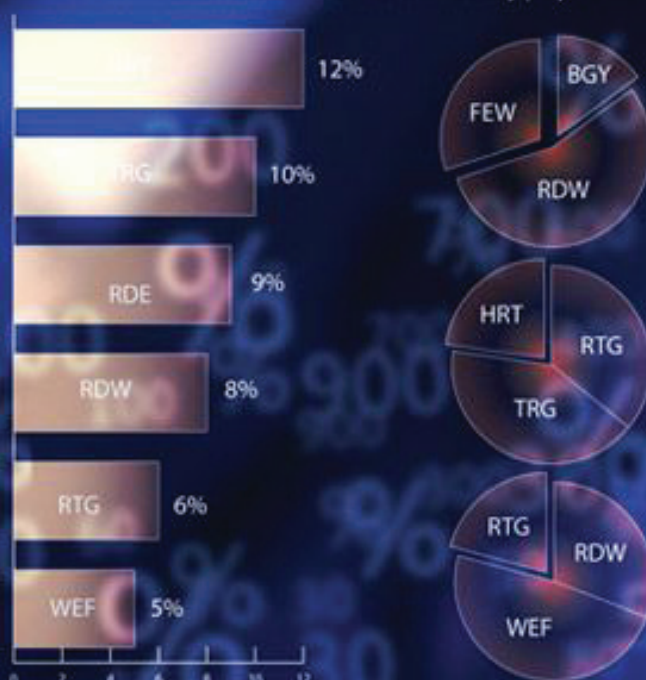




Distribution marketing participation in the securities market.



Distribution of the securities market key players

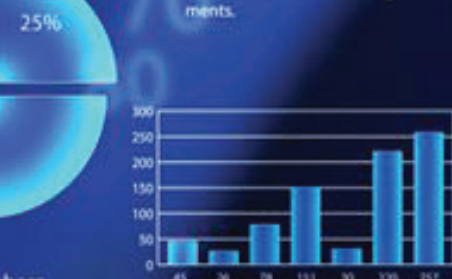


ected sales of main products in 2013



of market activity

Changes in the activity of the active and passive market is uncertain. Established positive trends in various market segments.



share



	TYU divi	
GHT	254	550
RDW	650	320
TRG	241	450
RTG	254	650
WEF	784	145
HRT	453	784

Budget & Finance

BAHRIA UNIVERSITY				
STATEMENT OF FINANCIAL POSITION				
AS AT 30 JUNE 2017				
	NOTE	2017 Rupees		2016 Rupees
ASSETS				
NON-CURRENT ASSETS				
Property and equipment	4	1,874,709,447		1,759,651,566
Long term investment	5	10,010,317		-
Long term deposits		9,751,010		9,775,843
		1,894,470,774		1,769,427,409
CURRENT ASSETS				
Advances	6	22,634,548		19,289,214
Prepayments		5,358,582		4,780,752
Other receivables	7	30,419,519		43,466,961
Short term investments	8	304,548,996		105,578,130
Cash and bank balances	9	981,476,063		669,586,173
		1,344,437,708		842,701,230
TOTAL ASSETS		3,238,908,482		2,612,128,639
FUND, RESERVE AND LIABILITIES				
FUND AND RESERVE				
General fund	10	2,690,798,585		2,337,343,309
Fair value reserve		10,317		-
Total fund and reserve		2,690,808,902		2,337,343,309
NON-CURRENT LIABILITIES				
Deferred credit - grants	11	230,000,000		-
Students' security deposits	12	192,317,447		163,017,818
		422,317,447		163,017,818
CURRENT LIABILITIES				
Current portion of student's security deposits	12	17,960,480		20,281,434
Other payables	13	107,821,653		91,486,078
		125,782,133		111,767,512
TOTAL LIABILITIES		548,099,580		274,785,330
CONTINGENCIES AND COMMITMENTS	14			
TOTAL FUND, RESERVE AND LIABILITIES		3,238,908,482		2,612,128,639
The annexed notes form an integral part of these financial statements.				
RECTOR			DIRECTOR FINANCE	

BAHRIA UNIVERSITY			
INCOME AND EXPENDITURE ACCOUNT			
FOR THE YEAR ENDED 30 JUNE 2017			
	NOTE	2017 Rupees	2016 Rupees
INCOME			
Fee income	15	2,309,065,183	1,988,264,652
Amortization of grants	11	132,926,796	177,647,525
Other income	16	148,806,459	142,676,915
		2,590,798,438	2,308,589,092
EXPENDITURE			
Salaries, wages and other benefits		1,498,535,631	1,325,033,747
Traveling expenses		13,105,770	11,506,453
Repair and maintenance		94,815,652	67,574,149
Workshops and conferences		15,749,313	8,432,319
Utilities and communication		79,124,727	89,785,868
Professional services		2,208,596	6,711,740
Patients Consultation Fee		515,239	278,880
Security Services Charges		22,709,100	17,781,984
Audit fee		120,000	120,000
Equipment operation		8,489,878	4,629,978
Donation		5,595,740	4,444,139
Student expenses		41,147,224	38,027,897
Entertainment expenses		6,374,806	5,779,248
Newspaper and periodicals		3,992,338	2,873,767
Printing and stationery		25,566,124	21,128,825
Insurance		1,886,981	1,592,402
Postage and courier expenses		1,984,404	2,197,474
Renewals, registration and licenses		7,078,784	4,052,132
Scholarships		43,389,600	36,791,522
Advertisement and publicity		7,033,649	9,037,076
Rent, rate and taxes		26,265,814	17,263,501
Affiliated examination expenses		30,522,563	32,610,780
Research and development		51,209,925	31,994,235
Depreciation	4.1	205,975,510	221,532,691
Bank charges		326,920	242,084
Hostel expenses		14,022,603	15,923,920
Sports activities		1,741,729	1,351,474
New intake expense		19,729,931	16,547,312
Gardening, cleaning and garbage expenses		2,501,038	11,985,591
Miscellaneous		5,623,573	4,173,207
		2,237,343,162	2,011,404,395
SURPLUS FOR THE YEAR		353,455,276	297,184,697
The annexed notes form an integral part of these financial statements.			

BAHRIA UNIVERSITY									
STATEMENT OF CASH FLOWS									
FOR THE YEAR ENDED 30 JUNE 2017									

	2017 Rupees	2016 Rupees
CASH FLOWS FROM OPERATING ACTIVITIES		
Surplus for the year	353,455,276	297,184,697
Adjustments for non-cash charges and other items:		
Depreciation	205,975,510	221,532,691
Gain on disposal of operating fixed assets	(2,116,269)	(979,664)
Amortization of grants	(132,926,796)	(177,647,525)
Profit on bank deposits	(49,946,805)	(37,710,345)
	20,985,640	5,195,157
Operating cash flows before working capital changes	374,440,916	302,379,854
Working capital changes		
Decrease / (increase) in:		
Advances	(3,345,334)	(3,395,561)
Prepayments	(577,830)	27,755
Other receivables	13,047,442	(34,491,826)
Increase in accrued and other liabilities	16,335,575	40,339,592
	25,459,853	2,479,960
Cash generated from operations	399,900,770	304,859,814
Long term deposits	24,833	26,315
Student's security deposits	26,978,675	22,505,744
	27,003,508	22,532,059
Net cash generated from operating activities	426,904,278	327,391,873
CASH FLOWS FROM INVESTING ACTIVITIES		
Capital expenditure on property and equipment	(326,848,477)	(273,815,410)
Proceeds from sale of property and equipment	7,931,355	1,672,614
Profit on bank deposits received	38,282,418	29,900,250
Short term investments made	(187,306,480)	(70,840,000)
Long term investment made	(10,000,000)	-
Net cash used in investing activities	(477,941,184)	(313,082,546)
CASH FLOWS FROM FINANCING ACTIVITIES		
Grants received	362,926,796	177,647,525
Net cash from financing activities	362,926,796	177,647,525
Net increase in cash and cash equivalents	311,889,890	191,956,852
Cash and cash equivalents at the beginning of the year	669,586,173	477,629,321
Cash and cash equivalents at the end of the year	981,476,063	669,586,173

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Bahria University Head Office

Directorate of Quality Assurance

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