



**BAHRIA UNIVERSITY**  
Discovering Knowledge

# Annual Report

2019  
2020



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**BAHRIA UNIVERSITY**  
Discovering Knowledge



# ANNUAL REPORT

# BU 19-20

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
AQAAIW	Association of Quality Assurance Agencies of the Islamic World
ACU	Association of Common wealth 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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## Rector's Message

It is a matter of great pleasure and privilege for me to be the head of Bahria University, which has emerged as one of the leading institutions of higher education in Pakistan. With the aim of meeting academic challenges of the contemporary world, Bahria University has been serving the country in several academic arenas for the past two decades.

Through the annual report, you will witness the academic, research, innovation, leadership and partnership achievements of the university for the year 2020. Despite restrictions and impediments created by Corona Virus, Bahria University succeeded in creating learning environment for the students. It guaranteed students with quality education through online learning system by using software such as Microsoft Teams and Zoom. It is to the credit of our staff, faculty and students that we stand to celebrate our collective achievements and the newfound strengths. I highly appreciate the administration, faculty and students for progressing and achieving their objectives as highlighted in the annual report. Noticeably, the scale of achievements and operations of Bahria University has increased considerably in the recent years.

Keeping in view, the objective of “becoming an internationally recognized university that contributes towards the development of the nation through excellence in education and research”, Bahria university is striving in conducting quality research that will be valuable for the society at large. In addition to this, Bahria University also provides cultural diversity, respect, professionalism and tolerance to both its faculty and students thus resulting in an environment for growth, peace, progress and international collaborations.

“Through the annual report, you will witness the academic, research, innovation, leadership and partnership achievements of the university for the year 2020. Despite restrictions and impediments created by Corona Virus, Bahria University succeeded in creating learning environment for the students”





Vice Admiral  
**Kaleem Shaukat HI (M)**  
Rector Bahria University

**Executive****SUMMARY**

Bahria University was founded 21 years ago as a public sector university in 2000 and over a period of two decades, Bahria University has emerged as one of the leading public sector universities of Pakistan. Acclaimed nationally and internationally, Bahria University provides quality education in the field of Engineering Sciences, Medicine, Information Technology, Management Sciences and Social Sciences. The present report highlights the achievements of faculty, administration and students achieved in the year 2020-21.

With the emphasis on strengthening research and university-academia linkages, MOUs have been signed with several national universities like University of Baltistan, Skardu, Lasbela University of Agriculture, Water and Marine Sciences. Strong linkages have been established with other research institutions and industry through joint research and sponsored projects. Bahria University has executed a framework for promotion of research, innovation and entrepreneurship in the year 2020. Keeping in view the importance of research, various research publications, research projects, conferences, workshops and seminars have been conducted which are listed down in the annual report. As

a result of emphasis on research, 251 research publications have been presented by the faculty and students of Bahria University, which garnered cash awards amounting 9.27 million rupees. Shields and certificates have also been awarded to Bahria University for being ranked in QS Asia Ranking 2019. The university has been strictly adhering to the National Quality Assurance Codes based on HEC's QAA guidance in formulating academic procedures along with academic designs, teaching and learning, student engagement, assessment, external examination and research. In the current year, nine post graduate programs acquired NOCs from the QAD of HEC.

The university has been collaborating with both local and international universities in order to expand the scope of research produced by Bahria University and facilitate exchange programs. By focusing on increasing international linkages, foreign collaboration and global image, Bahria University has signed 36 MoUs with foreign universities since its inception. Under the Students Exchange Program, around 43 Bahrians have joined Turkish universities in the last year.



Bahria University strives in guaranteeing viable opportunities to the brightest students so that they do not miss out on university experience due to financial constraints. This is managed by the university in the form of Advance Merit Scholarship, and Financial Assistance. In the year under discussion, Bahria University has an allocated budget of Rupees 74.307 million. Merit Scholarship for batch toppers was distributed among 759 students amounting rupees 14.9 million. In addition to this, with the help of external funding the Bahria University has distributed 517 scholarships of 53.914 million. Whereas 19 scholarships worth 1.5 million rupees were awarded by Bahria university Medical and Dental college year 2019-2020.

By focusing on increasing employability of graduates, the university has established linkages with the industry for internship and placement. Career Expo 2019/2020 was organized in which more than 100 leading companies from Telecom, FMCG Services, manufacturing, NGOs, banking sector and several others business organization were invited to conduct their recruitment drive. Aiming at bringing constructive changes in students behavior and personality, various societies and clubs under the

patronage of Student Resource Centre have been engaging students in different curricular and co-curricular activities.

Despite the disorientation and distress that COVID-19 unleashed this year, the progress made by Bahria University in the year 2020 shows high-level commitment, dedication and support from all the officers, staff members, faculty members, administration and top management. I believe Bahria University will successfully continue to prepare future leaders, professionals and managers for Pakistan.

#### **FAZAL WAHAB**

Director Quality Assurance

## Bahria University

Bahria University is a Federally Chartered Public Sector University, which was established on February 7, 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 overall enrollment of students has crossed 16,000 in the campuses located in Islamabad, Karachi and Lahore.



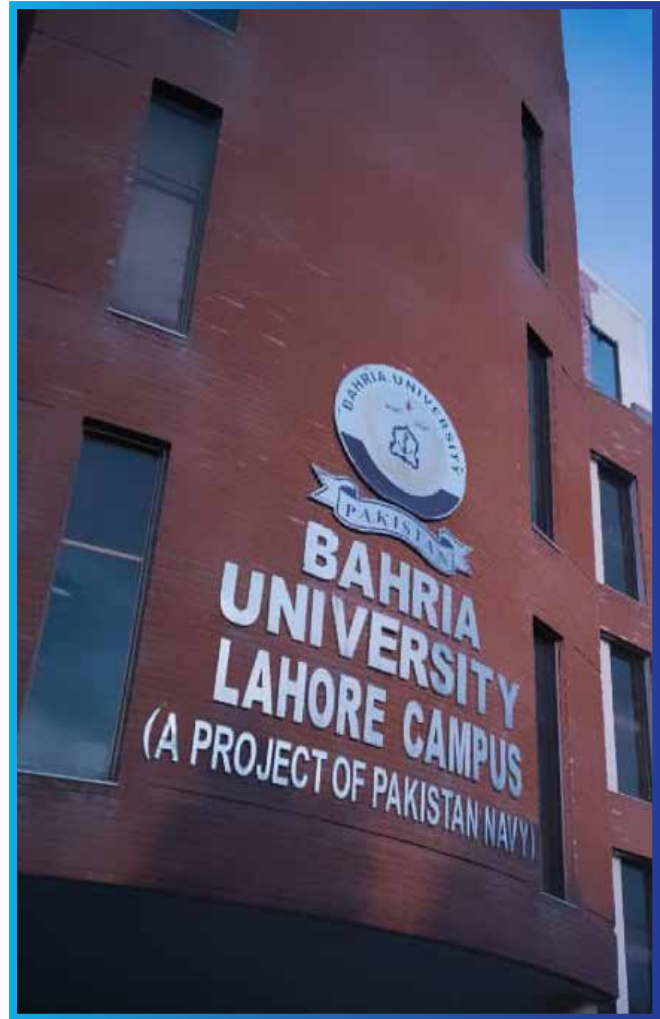
## Islamabad Campus

Bahria University Islamabad Campus (BUIC) is one of the most renowned institutions of Higher Education in Islamabad. Hosting over 7,000 students, this campus provides access to Higher Education for promising students. Our vibrant Campus in the heart of the city serves a rapidly growing number of rural students from the immediate area and surrounding provinces. The changes taking place at the university.



## Lahore Campus

Bahria University Lahore Campus (BULC) is a student-centered, globally engaged public university committed to providing highly-valued undergraduate and graduate educational opportunities through superior teaching, research, creative activity and service for the people of Pakistan and the world. BULC is committed to being an outstanding teaching-intensive, research-driven university that emphasizes student engagement, scholarly and creative achievement, civic participation, and global perspectives. The campus is widely recognized for its high quality of services, activities and programs for students. It has strong partnership with faculty, staff, students and community groups so that we may serve as primary advocates to meet the needs of our diverse student population. The core values of the institution include equal educational opportunity, excellence, diversity integrity and service etc. continuing to capture the imagination of people everywhere, including the International media, and our growing base of International Universities with the aim of inspiring excellence and transforming lives. These objectives are the driving forces at the heart of BUIC. Through our projects, we are a university Internationally recognized for human reconciliation and compassion together with excellence in academic achievement.



## Karachi Campus

Bahria University Karachi Campus (BUKC) was founded with a purpose to create economic, societal and intellectual prosperity for all. We began as an institution teaching wide range of subjects including Management Sciences, Computer Sciences, Software Engineering, Computer Engineering, Electrical Engineering and Media Studies. Our high-performing students apply their learning in the real world by conducting research, internships and co-ops, and contributing in world-changing service. This experiential education ensures their capability to lead the workforce.



## Institute of Professional Psychology – IPP Karachi

The Institute of Professional Psychology (IPP) at Bahria University functions as an educational setup focusing on career development of its students. Students and faculty members alike are actively involved in community work with a dual purpose of serving the community and of meeting experiential requirements for various courses. The clinical outpatient department at PNS Shifa provides assessment and therapeutic plans that are tailored to suit the individual needs. In addition to clinical practice, the Institute is also actively involved in providing assessment and counseling services to various multinational organization. Various projects have been initiated for community welfare in collaboration with an NGO to provide counseling services to jail inmates.



## National Centre for Maritime Policy Research

National Centre for Maritime Policy Research (NCMPR) had been set up at the Bahria University, Karachi Campus with a view to encourage research in maritime matters. NCMPR has accordingly developed linkages with various International universities and maritime research Institutes. It has also hosted a number of International seminars, conferences and workshops, highlighting various aspects of the maritime domain.



## Medical and Dental College

The Bahria University Medical and Dental College (BUMDC) was established in 2008 with the induction of experienced and highly qualified faculty. The state-of-the-art Seven-storey building houses Five lecture halls, each with a capacity of 150 seats and a beautiful auditorium with a seating capacity of 500. There are fully equipped laboratories, museums, dedicated teaching rooms for group teaching and a skills laboratory. BUMDC strictly follows the curriculum specified by the Pakistan Medical and Dental Council.



## **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**

# STRATEGIC GOALS

## **Excellence in Education**

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 Social Integration**

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.

## **Engaging with Business/Industry**

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 Global Reach**

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

### **Excellence in Research**

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.

### **Improving and Ensuring the University's Financial Security**

To enhance existing income streams and develop diversified means of income generation for the financial sustainability of the university





## Chapter 1

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ACADEMIC  
**ACTIVITIES**

## Chapter 1

# ACADEMIC ACTIVITIES

Bahria University offers a wide range of academic programs at undergraduate, graduate and post graduate level. The programs are being offered by the academic departments under five major faculties:

### Bahria University Faculties

- Engineering Sciences
- Management Sciences
- Health Sciences
- Professional Psychology
- Humanities & Social Sciences

### Faculty of Engineering Sciences Islamabad Campus

- Department of Software Engineering
- Department of Electrical Engineering
- Department of Computer Engineering
- Department of Computer Science
- Department of Earth & Environmental Sciences

#### Karachi Campus

- Department of Computer Engineering
- Department of Software Engineering
- Department of Electrical Engineering
- Department of Computer Science
- Department of Earth & Environmental Sciences

#### Lahore Campus

- Department of Computer Science

### Faculty of Management Sciences Islamabad Campus

- Department of Management Studies
- Department of Business Studies

#### Karachi Campus

- Department of Management Studies
- Department of Business Studies
- Department of Maritime Sciences

#### Lahore Campus

- Department of Management Sciences

### Faculty of Professional Psychology Islamabad Campus

- Department of Professional Psychology

#### Psychology Institute of Professional Psychology, Karachi

- Department of Professional Psychology

#### Lahore Campus

- Department of Professional Psychology

### Faculty of Health Sciences Bahria University of Medical & Dental College Karachi

- BU Dental College
- BU Medical College
- PN Nursing College

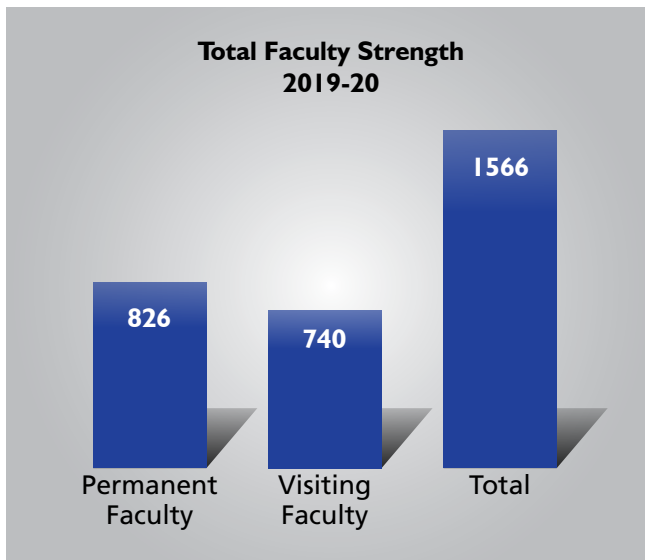
#### Islamabad Campus

- Department of Law

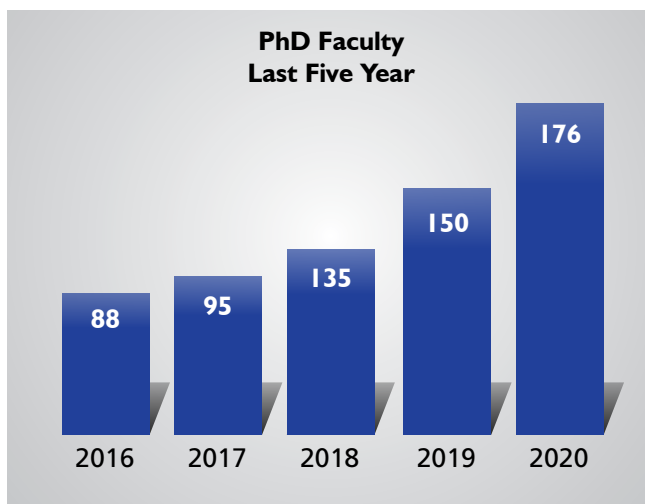
### Faculty

The following tables and graphs show permanent and visiting faculty members in Bahria University, and the progressive increase in the strength of permanent and PhD Faculty Members in last five years:

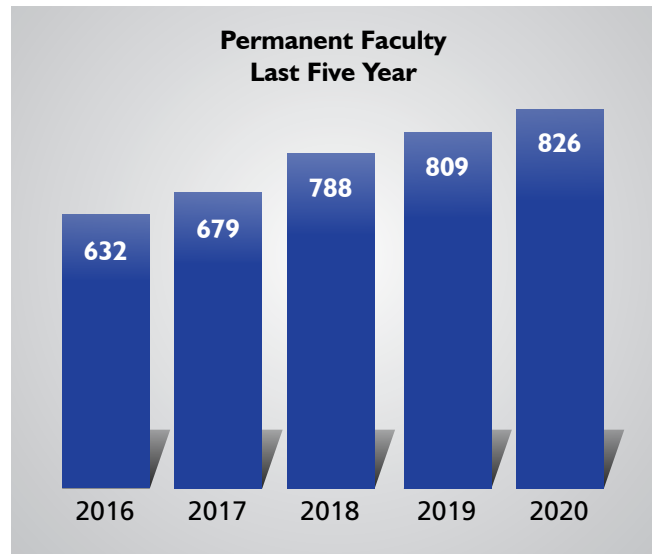
Total Faculty Strength	
Permanent Faculty	826
Visiting Faculty	740
<b>Total</b>	<b>1566</b>



PhD Faculty-Year Wise	
2016	88
2017	95
2018	135
2019	150
2020	176



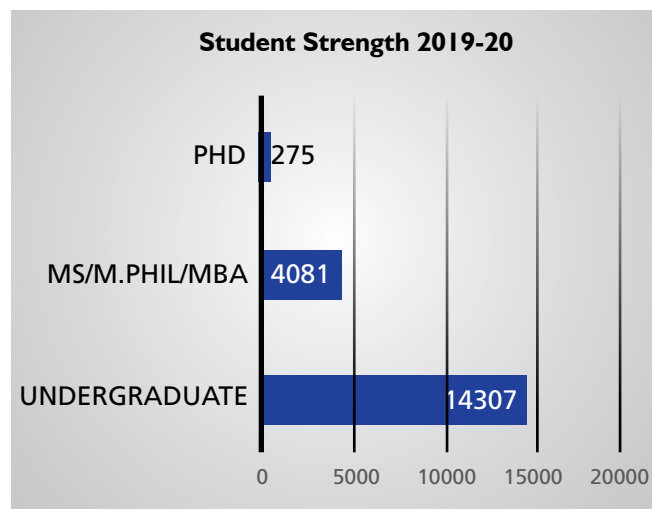
Permanent Faculty Strength-Year Wise	
2016	632
2017	679
2018	788
2019	809
2020	826



### Students

The following tables and graphs present the significant information regarding total student strength, student intake and graduated students (campus wise) of Bahria University in 2019-20 at undergraduate, graduate and post graduate level.

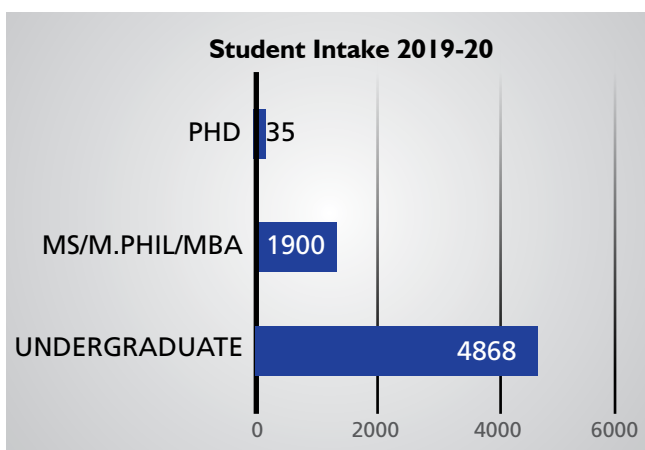
Category	Strength
Undergraduate	14307
MS/M. Phil/MBA	4381
PhD	275





### Student Intake 2019-20

Category	Intake
Undergraduate	4868
MS/M. Phil/MBA	1900
PhD	35

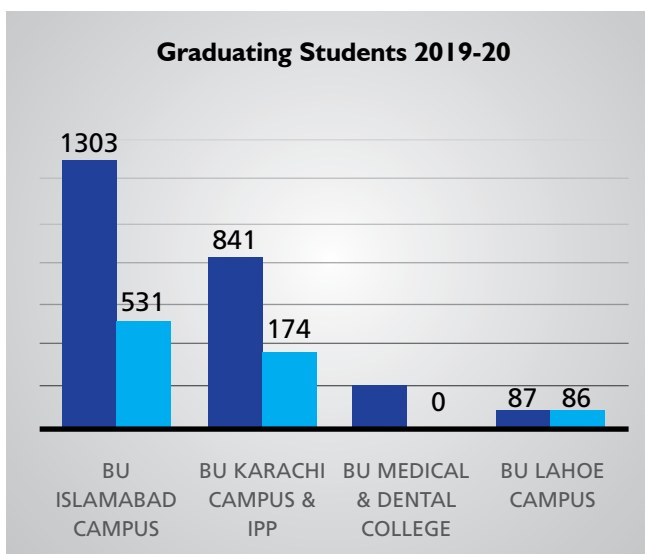


### Graduating Students 2019-20

Campus	BS / UG	MS / MPhil & PhD
BU Islamabad Campus	1303	531
BU Karachi Campus*	841	174
BU Medical & Dental College **	201	-
BU Lahore Campus	87	86
<b>Total</b>	<b>2432</b>	<b>977</b>

\* BUKC, IPP & IMA

\*\* Medical & Dental



### Academic Programs

At present Bahria University is running diverse range of academic programs in various disciplines. These programs meet all the HEC requirements w.r.t updated curriculum, relevant PhD faculty members, appropriate student-faculty ratio, availability of significant number of relevant books and research journals etc. The summary of these programs is mentioned below:

### Academic Programs Offered at All BU Campuses

Campus	No. of UG Programs	No. of MS/M.Phil Programs	No. of PhD Programs	Total
BUIC	19	28	14	61
BUKC + IPP	18	17	7	42
BULC	4	5	1	10
BUMDC + PNNC	5	3	0	8
<b>Total</b>	<b>46</b>	<b>53</b>	<b>22</b>	<b>121</b>

During the period under review cases of 2x PG programs were approved by HEC through the stringent process of NOC. The names of programs are as follows:

Programs	Department	Campus
MS (Economics)	MS	BUIC
MS (HRM & Organizational Psychology)	MS	BUKC

In addition, following PhD scholars have graduated during 2019-20 from Bahria University:

### PhD Produced by Bahria University during 2019-20

S#	Name of Scholar	Year	Program	Campus
1	Sobia Mehmood	2019	PhD (MS)	BUIC
2	Muhammad Ashraf	2019	PhD (MS)	BUIC
3	Mohsin Raza	2019	PhD (MS)	BUIC
4	Muhammad Naeem Shahid	2019	PhD (MS)	BUIC
5	Muzammal Ilyas Sindhu	2019	PhD (MS)	BUIC
6	Zia-ul-Rehman	2019	PhD (MS)	BUIC
7	Aftab Haider	2019	PhD (MS)	BUIC
8	Saiqa Saddiqa Qureshi	2019	PhD (MS)	BUIC
9	Uzman Jamil	2019	PhD (CE)	BUIC
10	Samina Khalid	2019	PhD (SE)	BUIC
11	Syed Raza Ali Bukhari	2019	PhD (MS)	BUKC

### 22<sup>nd</sup> Convocation of Bahria University Islamabad Campus

Bahria University Islamabad held 22<sup>nd</sup> Convocation on 16<sup>th</sup> November 2019, in Jinnah Convention Center, Islamabad. The honorable Chancellor Bahria University, Rector and Chief Guest, Chief of Naval Staff, granted degrees to the graduates of MS, Ph.D, M.Phil, and Undergraduates. Media Club provided ushers and photographers to cover the event and organize things accordingly. Ushers performed their duties enthusiastically and professionally. They made sure that the Convocation is memorable and cherish-able both for parents and students alike.



### 16<sup>th</sup> Convocation 2019 Bahria University Karachi

Honorable Chief of Naval Staff Admiral Zafar Mahmood Abbasi NI(M) graced the most awaiting and prestigious occasion as a Chief Guest at the 16<sup>th</sup> Convocation 2019 Bahria University Karachi.

Honorable Chief Guest also presented Gold and Silver Medals to the winners.







### 6th BUMDC Convocation July 13 2020

The 6th Convocation of Bahria University Medical & Dental College was held on July, 13, 2020 to commemorate the academic accomplishments of its Medical and Dental students. Students were also honored with Medals and Merit Certificates for their outstanding achievements in their academic career at the 6th MBBS, 3rd BDS & and 1st Nursing Convocation.



Dr. Zafar Mirza, Minister of State for Health graced the occasion as Guest of Honor. Honorable Rector Bahria University, Vice Admiral (R) Muhammad Shafiq HI (M), Director General, Rear Admiral (R) Imtiaz Ahmad HI (M), Registrar of Bahria University, Dean & Principal and Vice-Principal of Medical College, Prof. Dr. Asadullah Khan and Dr. Ambreen Usmani, Principal & Vice-Principal of Dental College, Prof. Dr. Wahab Kadri and Dr. Kulsoom Fatima Rizvi, along with numerous dignitaries, senior faculty members, parents and the graduating students, attended the ceremony.

Minister of State for Health Dr. Zafar Mirza said 'I am glad that Bahria University Medical and Dental College has already reached a prestigious level of maturity with special focus on grooming and capacity building of the faculty and students.' He advised the graduates to be men and women of sterling character, have a positive attitude towards life, and sacrifice personal gains for the national interests.

The 6th Convocation of Bahria University Medical & Dental College was held to commemorate the academic accomplishments of its Medical and Dental students. Students were also honored with Medals and Merit Certificates for their outstanding achievements in their academic career at the Convocation.

Minister of State for Health Dr. Zafar Mirza appreciated the contributions of Bahria University & Pakistan Navy in imparting requisite education and said that Medical Sciences are going through a phase of rapid evolution with the advancements





taking place in the fields of Biological Sciences and Allied Technologies. Medical and Dental institutions, their faculty and students, therefore, must work together to continuously upgrade the curricula, skills-sets, pedagogical approaches and transform their environment to be more learner-friendly and research-oriented. It is only then we can reach the pinnacle of success.

Earlier, in his welcome address, Vice Admiral (R) Muhammad Shafiq HI (M), Rector Bahria University said that I am delighted to extend my gratitude to the medical & dental graduates on their commitment, hard work and dedication in achieving this milestone successfully.

### White Coat Ceremony MBBS Batch 12

White Coat Ceremony of MBBS was held on 28<sup>th</sup> January 2020 for MBBS Batch 12.

The Director General of BUMDC, Rear Admiral (R) Imtiaz Ahmed was the chief guest and he warmly welcomed the newly inducted students. Professor Dr. Asadullah Khan, Principal & Dean introduced about the Bahria University and its mission and vision while Prof. Dr. Ambreen Usmani as Vice Principal briefed about the MBBS program and oriented the students with the curriculum and college rules.



### Orientation Fall 2019 – Weekend Programs

An orientation session for new intake of weekend programs for Fall 2019 semester was held at Bahria University Lahore Campus on 21 September 19. The event commenced with the recitation of The Holy Quran. HODs introduced their respective departments and faculty to new students. Director Campus welcomed the new students and briefly apprised 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.



### Bahria University IEEE Students Branch Orientation 2019

On 3 October 19 Bahria University IEEE Student Branch arranged an “Orientation 2019” to welcome their new members wholeheartedly and refreshing the network with other branches of IEEE Lahore Section. Mr. Syed Tanweer Shah - student activities chairperson of IEEE Lahore Section gave orientation on Robotics Automation Society, Branch Counselor Mr. Taimoor Aamir gave a valuable session on life skills. Director campus Commodore Shahid Azmat Wain SI(M) (Retd) graced the event and addressed the audience. He appreciated Lahore section for its support and asserted that students should actively participate in the activities of IEEE across Lahore.



### COMMENCEMENT DAY CEREMONY OF 8<sup>th</sup> BATCH OF BDS

January 27, 2020, Commencement Day and White Coat Ceremony of 8<sup>th</sup> batch of BDS was organized by Bahria University Medical and Dental College. This inaugural day is of greatest importance in a dental student’s life making headway towards the noblest profession of all times. Rear Admiral Retd. Imtiaz Ahmed, (HI) M, Director General Bahria University Medical and Dental College honored the ceremony by his presence as a Chief Guest. The ceremony proceeded with a fraternal welcome address by the Principal Dental Section Prof. Dr. Wahab Buksh Kadri followed by a detailed overview about the academic years of study program of BDS, infrastructure of the institute and its accomplishments by Vice Principal Dental Section Dr. Kulsoom Fatima Rizvi.





### Bahria University Main Library Islamabad

During January 15, 2020 to February 02, 2020 the main library was shifted from Quaid Block to New Academic Block. This was an uphill task to move with all important and delicate material from fourth floor to new block with all shifting hurdles to cover. But with the sincere and dedicated approach keeping in mind the significance of important and expensive material in mind, the library staff put up their sincere efforts to complete this important task. There were quite a few challenges while shifting of library like the time frame in completing this task, movement of heavy and delicate material, proper relocation of books and general material at new library. There were three important segments to complete this project like the designing and selection of professional and state of the art furniture, the lay out & implementation of planned work into productive approach. It was a team effort where every member of the staff played his part & which they did it with perfection.



### Chief of Naval Staff & Chinese Ambassador with Rector and Distinguished Guests at Main Library – BUIC

Chief of Naval Staff Admiral Zafar Mahmood Abbasi, His Excellency Chinese Ambassador Mr. Yao Jing Honorable Vice Admiral Kaleem Shaukat HI (M) Rector Bahria University, Pro Rectors, Registrar, DGIC, DIC and other Directors visited the newly established Main Library on 4 March 2020.

Chief Librarian briefed them about different library services and facilities. The distinguished delegation keenly visited different sections of library like HEC Digital Library, Chinese Corner, Abdul Sattar Edhi Corner, Journals/Magazines Section, Book Scanning section, Iqbal and Quaid corner, Reading, Learning Common Areas and BU Publication Section.



The guests appreciated the professional atmosphere of newly built library along with the state of the art services being offered there.

On completion of visit, The Honorable Chief of Naval Staff presented the souvenir to H.E. Yao Jing Chinese Ambassador.



### His Excellency Chinese Ambassador Visit to BUIC Main Library Islamabad.

His Excellency Chinese Ambassador Mr. Yao Jing visited the Chinese Corner & appreciated the efforts put forward by the library staff for establishing Chinese Corner. The Chinese Corner depicts the cultural values of Chinese people and their living style by through the displayed material & books. The Corner also highlights the great bonding between the two brotherly countries Pakistan & China and the love for each countryman. His excellency Chinese Ambassador took keen interest in the corner and committed to provide e-books and other e-material to further improve the Chinese Corner.



### HEC Monitoring Team Visit to Air University Islamabad

As part of getting professional expertise and knowledge, a special monitoring team comprising of Ms. Saima Syed Chief librarian & Mr. Hidayat Ullah Kasi Deputy Director (Academics) HEC were nominated by HEC to Visit Air University to observe and report proper utilization of allocated Grant of Rs. One Million through Library Support Program (LSP). The team examined, monitored & observed the criteria set by HEC for allocation of grant and submitted the progress report to HEC.

### Home Based Library Support During COVID-19

During COVID-19 pandemic situation, Chief Librarian BU managed to provide regular student support online services from home. It was a tough situation to come up to the expectations of all students & faculty members who being away from regular schedule, still wanted to make best use of situation by exploring new e-books and articles along with other difficult to find online and downloadable material. But due to constant and professional approach, the Chief Librarian managed to attend all queries from all Constituent units of BU Karachi, Lahore & Islamabad Campuses.





Chapter 2

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RESEARCH &  
**DEVELOPMENT**

## Chapter 2

### RESEARCH & DEVELOPMENT

Research and Development (R&D) 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 programs, post graduate programs 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.

#### Mission

“To provide strategic and operational support to the University's research activities/programs, 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 / programs.

#### Objectives

The core objectives of ORIC include:

- 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)

Following is the brief description of each component of ORIC ecosystem:

#### 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 BU.

#### Faculty Research Committee (FRC)

Faculty Research Committee (FRC) constituted by Registrar and headed by Dean of the Faculty. There shall be maximum of five elective members of the FRC including Director PGP, Director ORIC, and three members from other Higher Education Institutions, and industry with expertise relevant to the candidate's research-work. The main purpose of the committee is to provide the guidelines and directions to the research scholars for their research work, recommend Foreign Evaluators, Internal and External Examiners for Thesis Defense



and Viva Voce Examiners for PhD scholars and form Ethical Review Committee (ERC) to look into ethical dimension of research of PhD scholars.

#### Departmental Research Committee (DRC)

Departmental Research Committee (DRC) constituted by Dean of the Faculty and headed by the Head of Department (HOD). PGP Coordinator acts as the Secretary of the DRC. The major objectives of the DRC are to appoint Principal Supervisor(s)/ Co-Supervisor(s) for MS/MPhil programs, propose Supervisor(s) to FRC for PhD scholars and conduct/ manage research proposal/theses defense through the PGP Coordinator.

#### Research Groups

Research Groups have been formed at the constituent units of Bahria University. Members of each research groups are not only from the same department but also intra-department or from some other research institutions/organizations nationally and internationally. The major objective for the formulation of the Research Groups at BU is to encourage faculty members/ researchers to conduct research activities collectively.

#### Bahria Innovation Centre (BIC)

Bahria Innovation Center aims to provide all-inclusive support and facilities to all its components for a state-of-the-art center to foster networking for its startups, SME's and Commercial Research/spinoffs, different components of BIC are:

#### Maker Space

The Maker Space provides all students with the opportunity to access state of the art electronic test equipment and instrumentation. With dedicated hardware and software space, the lab helps and encourages student researchers to work on supplemental learning projects.

#### Startup Factory

The center provide workplace, virtual incubation services, training, HR support, technology support, access to finance and help startups growth to form sustainable companies and products. The efforts of Incubation Center at BU Islamabad has been duly recognized twice by World Bank in its independent annual report as the top 3 University Incubators in the Pakistan.

#### Accelerator Space

Business Accelerator Program offers a 6-months tailor-made program for later-stage startups looking to go beyond the development of their product by

scaling their business. They provide the support and resources necessary to building a sustainable company and scaling up every aspect of the business.

#### Industry – Liaison Office

Our top priority is to nurture long-term relationships with our startups and partners that generate long-term value for all involved. Special liaison offices have been allocated for Industrial Partners/Stakeholders. The aim of creation of the ILO's is to foster synergies between industry and academic stakeholders (Students, Researchers, Entrepreneurs).

#### Research Centers

Research Centers are an integral part of the BIC. The centers aim to provide, and advocate practice-oriented research and education focused on indigenous and housed researches. By establishing research centers of pure excellence backed by vision and professionalism, the Bahria University aims to solve various difficult problems faced by modern society and to fulfill its obligations to the future of our motherland and humanity.

#### Training & Capacity Building Space

With dedicated state of the art training and consulting space, TDLC has been working on improving and further enhancing skill sets via initiatives to such as Leadership and Soft Skills Development Programs, Short courses and Tailored Designed Training, workshops, mentorship and Professional Counselling for startups, students, faculty and professionals

#### Technology Innovation Support Centre (TISC)

The sole purpose behind the establishment of Technology Innovation Support Centre (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.

#### Corporate Advisory Committees (CACs)

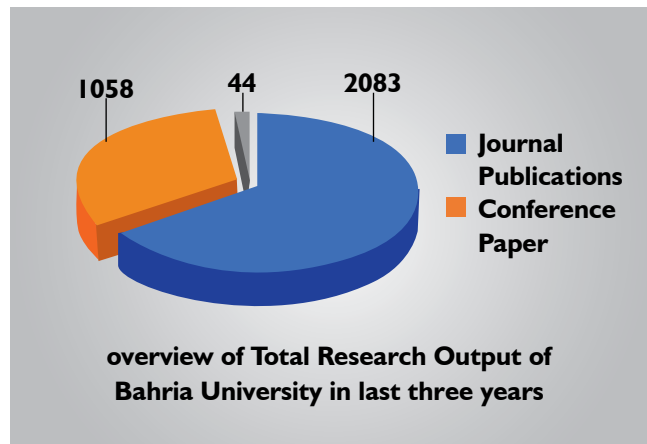
Corporate Advisory Committees (CACs) have been established within each department at both the campuses of Bahria University, comprising of (8-10) members of the relevant industries co-chaired by HOD and senior member(s) from the industry. Broad Terms of Reference of the CACs are curriculum review for its alignment to meet needs of local industry, Sponsored R&D projects for BU students and consultancy services for the industry.

### Strategic Corporate Advisory Committees

SCACs have been constituted at Islamabad and Karachi Campuses comprising of strategic level decision makers of the relevant industries and top tier of management of Bahria University. The committees were constituted to incorporate and seek support of the strategic level decision makers of the industry in the academic and research endeavors of BU.

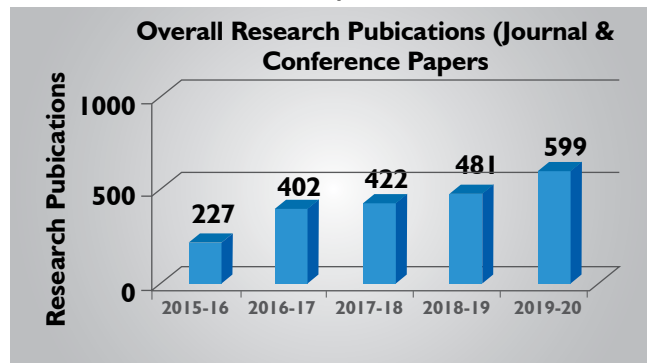
### Research Output of Bahria University

Research Output of Bahria University in terms of Journal Publications, Conference Papers and Books/ Book Chapters produced by the faculty members / research scholars of BU in last few years (1st July 2015 to 30th June 2020) is shown in the figure given below;



### Increasing Trend in the Major Key Performance Indicators (KPIs) of Research for Bahria University

ORIC provides strategic and operational support to the University’s research activities/programs, while playing a central role in facilitating University–Industry Linkages, Intellectual Property Management, Technology Transfer/Licensing and Commercialization of Research. As a result of dedicated focus on research by Bahria University, major Key Performance Indicators (KPIs) of Research of Bahria University has significantly increased over the last few years, as shown below:

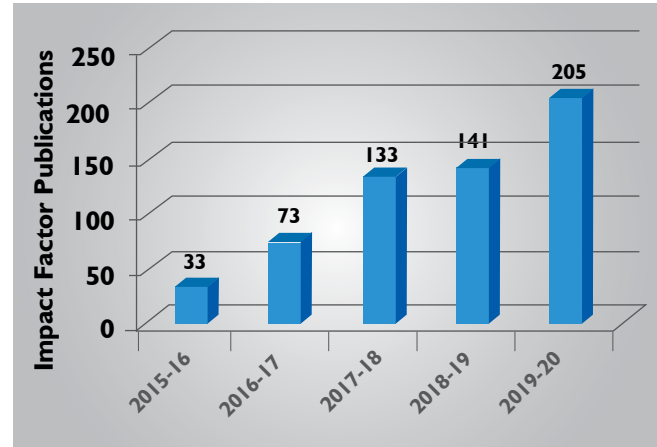


### Overall Research Publications

The increasing trend in the overall research publications of BU is shown below:

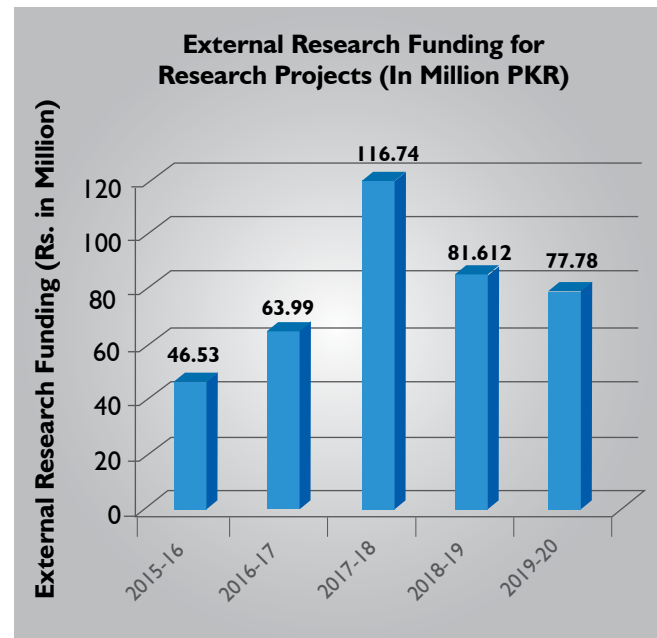
### Impact Factor Publications

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



### External Research Funding for Research Projects

Despite of current situation of COVID-19 across the globe when getting external funding is not easy, Researchers of BU were able to acquire external research funding of Rs. 77.7765 million for their 56 research projects. External Research Funding acquired by the faculty member of BU for their research projects in last five are shown below;



## BU Research Grants

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. 77.7765 Million acquired by the BU Researchers from external sources, for such research endeavors are as follows:

S. No.	Project Title	Principal Investigator/ Department & Campus	Funding Amount (Rupees in Million)	Year of Funding	Funding Agency
<b>Bahria University Islamabad Campus</b>					
1.	Engagement of Organization / Firm to provide Business / Enterprise Incubation Services in Islamabad	Prof. Dr. Shehzad Khalid Director ORIC	21.667	2019	UNDP
2.	Cyber Reconnaissance and Combat (CRC) Lab under National Cyber Security Centre	Prof. Dr. Faisal Bashir CS, BUIC	20.22	Funding received in 2019-20	HEC
3.	Design, Development and Production of Hardware Based Gel Documentation System for DNA, RNA and Proteins Analysis	Dr. Shujjat Khan CE, BUIC	18.0	2019	Technology Development Fund (TDF) by HEC
4.	Funding for Incubatee of BIC, BUIC (AASAN Ticket)	Team Lead AASAN Ticket BIC, BUIC	2.6	2019	USAID-SMEA
5.	Innovative Climate Finance Mechanisms for Financial Institutions in the Asia-Pacific Region	Prof. Dr. Shehzad Khalid / Dr. Ali Imtiaz Director ORIC	1.9056	2019	United Nations - Economic and Social Commission for Asia and the Pacific (UN-ESCAP)
6.	Content Based Indexing and Retrieval of Videos	Prof. Dr. Imran Siddiqi CS, BUIC	0.89	Funding received in 2019-20	IGNITE
7.	Where the money is going? A case of Public Firms in Pakistan	Dr. Abdul Qayyum BS, BUIC	0.45	2020	SRGP-HEC
8.	Development of Software Program for carrying out Balloting for Recruitment for the Posts in BPS 1-5 at Pakistan Railways, Rawalpindi Division	Mr. Faisal / Dr. Ali Imtiaz, IT Department, BUIC	0.1	2019	Pakistan Railways
9.	The Next Generation Wireless Communication using Li-Fi (Light Fidelity) Technology	Imran Fareed Nizami EE, BUIC	0.1	2020	NESCOM



S. No.	Project Title	Principal Investigator/ Department & Campus	Funding Amount (Rupees in Million)	Year of Funding	Funding Agency
10.	Information Hiding through Stenography: Challenges for Forensic Experts	Imran Fareed Nizami EE, BUIC	0.1	2020	NESCOM
11.	Medium Access Control Protocol for Multiple UAVs Operation	Dr. Saleem Aslam EE, BUIC	0.1	2020	NESCOM
12.	Reconfigurable FPGA Based Coded Modulator and Demodulator for High Data Rate UAV Link	Dr. Atif Raza Jafri EE, BUIC	0.1	2020	NESCOM
13.	Development of FPGA based ADC/DAC Board and HDL Cores for DSP Building Blocks	Dr. Atif Raza Jafri EE, BUIC	0.1	Funding received in 2019-20	Maritime Technologies Complex (MTC)
14.	Common Starter for Multiple Induction Motors	Electrical Engineering	0.01779	2019	IGNITE
15	Gesture Controlled Robotic Arm using Leap Motion	Electrical Engineering	0.05935	2019	IGNITE
16	IoT based Smart Waste Management System	Electrical Engineering	0.02357	2019	IGNITE
17.	Multi-Purpose Agribot	Electrical Engineering	0.078655	2019	IGNITE
18.	Personal Identification using Facial Recognition and Visualizing Details on HUD	Electrical Engineering	0.04527	2019	IGNITE
19.	Route Management of Emergency Vehicle and Traffic Density Control	Electrical Engineering	0.071042	2019	IGNITE
20.	Smart Glove	Computer Engineering	0.0442	2019	IGNITE
21.	Smart Monitoring and Security System for Infants	Electrical Engineering	0.051235	2019	IGNITE
22.	Smart Prepaid Electricity System	Computer Engineering	0.0279	2019	IGNITE
23.	Smart Terrain Quadruped Robot	Electrical Engineering	0.0623	2019	IGNITE
24.	Structure Scanning and Designing Device	Electrical Engineering	0.069415	2019	IGNITE
<b>Subtotal (BUIC)</b>			66.88		
<b>Bahria University Karachi Campus</b>					

S. No.	Project Title	Principal Investigator/ Department & Campus	Funding Amount (Rupees in Million)	Year of Funding	Funding Agency
25.	Funding for Incubatee of BIC, BUKC (ASANI-Handyman Services)	Team Lead AASANI BIC, BUKC	2.5085	2019	USAID-SMEA
26.	Environmental Performance of AKUH	Dr. Yasmin Nergis E&ES, BUKC	1.8	2019	The Aga Khan Medical College Foundation
27.	Appraisal of Environmental Quality	Dr. Yasmin Nergis E&ES, BUKC	0.7	2019	Lotte Chemical Pakistan
28.	Appraisal of Environmental Quality	Dr. Yasmin Nergis E&ES, BUKC	0.9	2019	Mondelez Pakistan
29.	Appraisal of Transmission lines Ambient Air Quality of	Mughal Sharif E&ES, BUKC	2.1	2019	Phoenix Safety
30.	Growth Performance, Survival and Body Composition of Commercially Important Fish Species in Cage/Pen Culture	Dr. Naveed Ahmed ADL, BUKC	0.5	2020	SRGP-HEC
31.	Toxic effects of Pesticides on Fish Organs	Dr. Gul e Zahra Naqvi School of Maritime, BUKC	0.5	2020	SRGP-HEC
32.	Automatic Lesion Detection System (Alds) for Skin Cancer Classification using Deep Learning	Computer Engineering	0.069549	2019	IGNITE
33.	BAHADUR BOT	Software Engineering	0.02	2019	IGNITE
34.	Driver Assistant System for Sleep Prevention with Automatic Braking Mechanism	Electrical Engineering	0.04157	2019	IGNITE
35.	Electrical Vehicle Charging Station	Electrical Engineering	0.0798	2019	IGNITE
36.	Electro X	Software Engineering	0.00876	2019	IGNITE
37.	Emergency Clinic Multi-Sensor Monitoring Prototype Using e-Health Platform	Computer Science	0.0718	2019	IGNITE

S. No.	Project Title	Principal Investigator/ Department & Campus	Funding Amount (Rupees in Million)	Year of Funding	Funding Agency
38.	Energy Harvesting Tile	Electrical Engineering	0.07991	2019	IGNITE
39.	Eye Gaze Movement Based Detection and Classification of Autism	Computer Science	0.04	2019	IGNITE
40.	Heart Sounds Classification using Artificial Neural Network	Computer Science	0.075	2019	IGNITE
41.	Humanoid Chat Robot	Computer Science	0.08	2019	IGNITE
42.	Hybrid Power System	Electrical Engineering	0.08	2019	IGNITE
43.	IoT Based Agriculture System	Computer Engineering	0.04196	2019	IGNITE
44.	IoT Based Data Logger System for Weather Monitoring using Wireless Sensor Networks	Computer Science	0.06927	2019	IGNITE
45.	Mind Controlled Robot Using Arduino and EEG Headset	Computer Engineering	0.0691	2019	IGNITE
46.	MobiTest	Software Engineering	0.0696	2019	IGNITE
47.	MY EYE	Software Engineering	0.0345	2019	IGNITE
48.	PHOTOVOLTAIC ENERGY TRAINER	Electrical Engineering	0.08	2019	IGNITE
49.	Shirt Folding Machine	Electrical Engineering	0.079175	2019	IGNITE
50.	Shred :The plastic Machine	Electrical Engineering	0.07359	2019	IGNITE
51.	Smart Water Monitoring System	Computer Engineering	0.052699	2019	IGNITE
52.	Thermoelectric Generator	Electrical Engineering	0.07471	2019	IGNITE
53.	Transmission Line Inspection Drone	Computer Engineering	0.0468	2019	IGNITE
54.	Visulo Try On	Software Engineering	0.022798	2019	IGNITE
Subtotal (BUKC)			10.37		
Bahria University Lahore Campus					
55.	Augmented Adverts	Computer Science	0.0265	2019	IGNITE



S. No.	Project Title	Principal Investigator/ Department & Campus	Funding Amount (Rupees in Million)	Year of Funding	Funding Agency
Bahria University Medical & Dental College, Karachi					
56.	Association of Fractalkine (CX3CL1) with Inflammatory Chemokines and Cytokines in Individuals with Type-2 Diabetes	Dr. Mehreen Lateef BUMDC, Karachi	0.5	2019	Medical Laboratory Technologists Association of Pakistan (MLTAP)
<b>Grand Total</b>			<b>77.7765</b>		

**Meetings of 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 thesis, both at the PG levels. 26th Meeting of HERC was conducted at BU Head Office through video conferencing, on 27th September 2019. Rector (BU) and Chairperson of

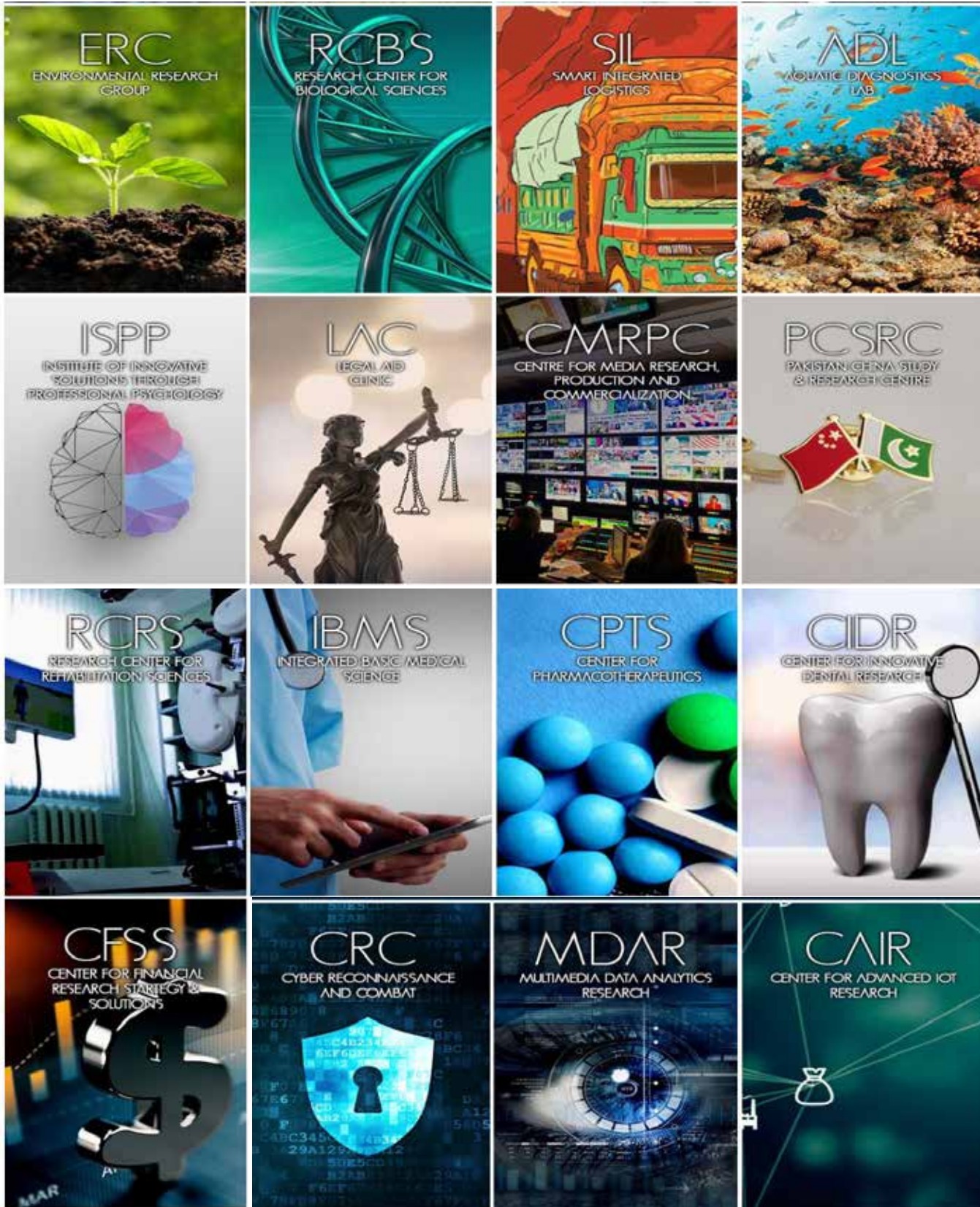
HERC, Vice Admiral (Retired) Muhammad Shafiq HI(M) has chaired the meeting. Prof. Dr. Shehzad Khalid, Director R&D/ORIC and Secretary HERC, conducted the meeting and presented various agendas to enhance Research, Innovation and Commercialization at BU. HERC members and other invitees from BU and its constituted units attended the meeting and gave their valuable views and input on different agenda items regarding the research and development activities at BU.





**Research Groups / Research Centres**

While the expertise of BU researchers spans across variety of domains ranging from Engineering, Computer Science and Earth/Environmental Sciences to Law, Media, Social Sciences, Psychology and Medical Sciences, following are the major research themes that are under focus of BU and its researchers:



### University-Academia Linkages

To enhance the university-academia and university-industry linkages for gaining mutual benefits in education and research at national level, Bahria University signed following MOUs:

S. No.	Name of Host University	Collaborating Agency/ Institution	Scope of Collaboration	Date of Link Established
<b>University-Academia Linkages</b>				
1	Bahria University	Department of Anthropology, QAU, Islamabad	Exchange of Faculty, Joint Research Activities, Joint Conference/seminar	10 <sup>th</sup> October, 2019
2	Bahria University	ABN Educational Consultants	ABN intends to provide overseas education consultancy services to the current and graduating students of BUKC	19 <sup>th</sup> July, 2019
<b>University-Industry Linkages</b>				
3	Bahria University	NESCOM	<ul style="list-style-type: none"> <li>• Split PhD Program with Chinese Universities</li> <li>• Fellowship opportunities for BU students</li> <li>• Scholarships/Fee Concessions for NESCOM Employees and their wards</li> <li>• Consultancy Services</li> <li>• Research Project Funding</li> <li>• Sharing of Research Outcomes</li> <li>• Short Training Courses</li> </ul>	18 <sup>th</sup> May, 2020
4	Bahria University	ZONG CM Pak	<p>ZONG will provide following packages to BU students for their FYPs and IoT Incubates:</p> <ul style="list-style-type: none"> <li>• ONENET Open IoT Platform</li> <li>• IoT Development Boards</li> <li>• IoT Communication Modules</li> <li>• E-SIMS for Connectivity</li> </ul>	9 <sup>th</sup> January, 2020
5	Bahria University	Telenor, Pakistan	BU and Telenor Pakistan will collaborate in various technical/research domains in which students and researchers of BU can work on the real world-based scenarios under guidance/with support of TP, initially for Final Year Project (FYP) and Research areas of collaboration, expandable to other domains in future.	11 <sup>th</sup> October, 2019



S. No.	Name of Host University	Collaborating Agency/ Institution	Scope of Collaboration	Date of Link Established
6	Bahria University	Pakistan Stock Exchange Ltd	Pakistan Stock Exchange have agreed to cooperate in bringing financial literacy amongst the students of Bahria University by arranging and organizing educational seminars and competitions in order to promote and educate the potential investors of the nation about the Capital Market of Pakistan. The purpose of activities is to promote conducive investment environment and create awareness among the investors. The Parties' joint efforts will be beneficial for the promotion and development of capital markets of Pakistan.	12 <sup>th</sup> July, 2019
7	Bahria University	Rotary Club	To cooperate in research, sharing facilities and dissemination of knowledge and information	12 <sup>th</sup> July, 2019

### Establishment and Inauguration of Bahria Innovation Centre (BIC)

In order to promote entrepreneurship and Research & Commercialization activities, Bahria University has established its state-of-the-art Bahria Innovation Center (BIC) at its Islamabad Campus. BIC was formally inaugurated by the Honorable Chief of the Naval Staff, Admiral Zafar Mahmood Abbasi NI (M) on 4th March 2020. Keeping in track of the promising landmark achievements and future potential that BU has to offer, Bahria Innovation Center aims to provide all-inclusive support and facilities to its components through a state-of-the-art center. Innovation Center includes Maker space, Startup Factory, Accelerator & Industrial offices, Research Centers and Training & Capacity Building Space. Brief description of each component of BIC is as follows:

#### Makerspace

The Makerspace has been established to facilitate those Final Year Students whose project ideas have business potential and can be commercialized. The primary purpose of the lab is to provide the space and resources needed by students to complete their Senior Design and general student Projects whilst working on the business model and avenues to adapt their project and launch them through their own startups.

With dedicated hardware and software space, the lab helps and encourages student researchers to work on supplemental learning projects to better enhance and scale up their understanding and learning.

**Startup Factory (Incubator Space):** To support the entrepreneurial culture at Bahria University, Startup Factory has been established at its Islamabad and Karachi Campuses. Startup Factory is an integral part of Bahria Innovation Center to provide startups with targeted support and resources to help launch a successful business. The centers provide workplace, virtual incubation services, trainings, HR support, technology support, access to finance and help startups growth to form sustainable companies and products. The efforts of Incubation Center at BU Islamabad has been duly recognized by World Bank in its independent annual report as the top 4 University Incubators in the North of Pakistan.

**Accelerator Space and Industrial Liaison Offices:** While both incubators and accelerators exist for the same purpose, they approach the initial startup process differently. Incubator will house and support businesses as they develop at their own pace, while accelerators speed up the initial process of starting a business to only a few months. Business Accelerator Program offers a 6-months tailor-made program for later-stage startups looking to go beyond the development of their product by scaling their business.

They provide the support and resources necessary to building a sustainable company and scaling up every aspect of the business. The program that takes place twice a year, consists of a series of hands-on, practical workshops in key areas of knowledge for starting entrepreneurs (Business Model, Sales, Marketing, Finance, practical aspects) and includes sparring sessions with experts from diverse backgrounds. Our top priority is to nurture long-term relationships with our startups and partners that generate long-term value for all involved. Special spaces have been allocated for our Industrial Partners and Consultancy for our startups by mentors/consultant from academia and industry.

### Research Centers

Multiple state of the art and dedicated research centers in the areas of Logistics, Big Data Analytics and Blockchain, Information / Cyber Security, Environmental Research Center, Aquatic Diagnostic Lab etc. are housed at Bahria University's Innovation centers. The said centers aim to provide, and advocate practice-oriented research and education focused on indigenous and housed researches. By establishing research centers of pure excellence backed by vision and professionalism, BU aims to solve various difficult problems faced by modern society and to fulfill its obligations to the future of our motherland and humanity.

### Technology Innovation Support Center

An Intellectual Property Desk & Technology Innovation Support Center (TISC) is established at Bahria University under the ambit of ORIC. The sole purpose to establish TISC 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.

### Training Development and Leadership Excellence Center (TDLC)

The Training development and leadership excellence center at Bahria Innovation Center is opening new doors of collaboration with the world of academicians, industry, professionals, SME's, communities and stakeholders. With dedicated state of the art training and consulting space, TDLC has been working on improving and further enhancing skill sets via initiatives to such as Leadership and Soft Skills Development Programs, Short courses and tailored designed trainings, workshops, mentorship and Professional counselling for startups, students, faculty and professionals.



## Entrepreneurial Activities and Achievements

BU gives strong focus on inculcating entrepreneurial culture in BU students/researchers. Number of startups has been incubated/graduated in 2019-2020 who have managed to achieve significant milestones. Variety of activities have been organized at its various campuses to foster entrepreneurial ecosystem at BU.

### Startups at BIC, Islamabad Campus

#### Currently Inducted Startups

S. No.	Name of Startup	Domain and Work	No. of Employees	Status
1	Education On Click	Education Tech	5	Incubated
2	MachiniLog	Robotics and AI	3	Incubated
3	MediaTics	Media	4	Incubated
4	Reserve Your Room (RYR)	Services	3	Incubated
5	Abey Khao	Food	15	Incubated
6	COMMA	Skills Development	7	Incubated
7	Crickistan	Sports Technology	7	Incubated
8	Ageless Earth Explorers	Tourism	3	Incubated
9	SecTech	ICT Solutions	5	Incubated
10	Vain Illuminator	Health Tech	3	Incubated
11	Fruzi	Food Technology	5	Incubated
12	Opportunity Circle	Education Tech	12	Incubated

#### Graduated Startups

S. No.	Name of Startup	Domain and Work	No. of Employees	Status
1	Medino	Health	4	Graduated
2	Qalam Guru	Education Tech	10	Graduated
3	Smart Health Care Unit	Health	3	Graduated
4	DMT - Eco Tech	Agriculture	5	Graduated
5	Machine Vision Labs	Health and Agriculture	2	Graduated
6	Talent Box	Services	5	Graduated
7	Salestial Art Cafe	Arts and Eatery	3	Graduated
8	Daily Grind	Eatery	7	Graduated



## 2.9.2 Incubated Startups at BIC, Karachi Campus

### Currently Inducted Startups

S. No.	Name of Startup	Domain and Work	No. of Employees	Status
1	INVENTECH (ROBOTIC)	IoT solution of any technical problem.	02	Incubated
2	ASANIII	Handyman services in the new digital age.	10	Incubated
3	ALPHATRON	A.I and Machine Learning Apps	04	Incubated
4	MEDICAIR	Drone Medicine Services in Emergencies	03	Incubated

### Graduated Startups

S. No.	Name of Startup	Domain and Work	No. of Employees	Status
1	PRESCHOOL LEARNING	Educational Mobile app for pre-school children.	02	Graduated
2	AGROBOT	An agricultural robot that will revolutionize the agriculture food industry.	02	Graduated
3	EBASH BEAUTY	Service like Uber, Careem provide makeup artist.	02	Graduated
4	VENUE CRAFT	Online Hall Web Based Booking.	03	Graduated
5	MULTI-PURPOSE ROBOT	Basic health monitoring, cleaning and surveillance.	01	Graduated
6	EVER NEW ROUND	Online monitoring dashboard's for agriculture system used for farming..	04	Graduated
7	PRAPETI	CRM and Information System for the Real Estate Industry.	06	Graduated
8	IVAS	Automatic Classification of Vehicle Type for Smart Transport Systems.	03	Graduated
9	BLINK	Eye Blink and Gaze Controlled Applications.	02	Graduated

### Entrepreneurial Activities/ Achievements of Bahria Innovation Centre, BUIC

Business Innovation Centre at Bahria University has been working on bringing forth the business ideas into reality. As a result, some startups have made remarkable achievements in the year under report, details of such achievement are as follows:

### Startup Soft Loans Disbursement Ceremony at Bahria Innovation Center as Part of the Pehchan Initiative

Bahria Innovation Center, Bahria University Islamabad Campus, as part of our Pehchan Program, the first installment of interest free loan termed as “STARTUP SOFT LOAN” was provided to one of our startups graduating from the said program. The Startup Soft Loans will be utilized



for the purpose of establishing and scaling of their respective startup ventures.

### MOU Signing Ceremony Between Bahria Innovation Center, Bahria University Islamabad Campus and Pep Foundation

A Memorandum of Understanding (MOU) was signed between Bahria Innovation Center, Bahria University Islamabad Campus and PEP foundation at the Directorate of ORIC, Bahria University Head Office on 19 July, 2020. Director ORIC, Prof. Dr. Shehzad Khalid and Program Manager of PEP Foundation Dr. Fariha Anwar signed the said agreement. The MOU serves as a formal collaboration between Incubation Centers, International Donors and Investors to accelerate the identification and scaling of critical social innovations. The partnership between both the centers will be mutually beneficial in terms of startup mentor-ship, Networking, International and Donor Backed Grants/initiatives for Entrepreneurs. The two leaders discussed social entrepreneurship activities happening at BU and how it can solve large national level issues. Their main focus areas were Education, Health, Water, Agriculture and Energy priority sectors and how BIC and PEP can cooperate to enable new companies and imaginative personalities by giving them a dynamic stage.



### Science of Happiness Workshop Organized by Comma Services

Comma Services, a startup at Bahria Innovation Center delivered their latest training of Science of Happiness in Bahria University on 18th of December 2019. Attendees from Islamabad campus and many universities of Islamabad joined the training which is the first of its kind in Pakistan under the title of Science and Skills of Happiness 101, the training is the essential course of Happiness Drive, an initiative by Comma Services which aims to spread awareness and orientation for happiness skills in twin cities.

Happiness Drive is a series of three levels of training- "The Science and Skills of Happiness" It will offers scientific reasoning/researched based behind the study of happiness and practical strategies for tapping into and nurturing one's own happiness, including trying several activities that foster social and emotional well-being, and exploring how their own happiness changes along the way.



## Hult Prize Campus Drive in Collaboration with Bahria Innovation Center

Hult prize organized its on campus startup recruitment drive in collaboration with Bahria Innovation Centre on 26th of December 2019. Large number of teams from various department of Bahria University Islamabad participated and presented their startup ideas. The theme for this year's challenge is building startups that have a positive impact on our planet with every dollar earned. Top three qualifying teams from Bahria will present their ideas at the regional summit happening in March 2020. The Hult prize is the world's biggest engine for the launch of for-good, for-profit startups emerging from university with over 2500 staff and volunteers around the world. In nearly a decade, the movement has deployed more than \$50m of capital into the sector and mobilized more than one million young people to re-think the future of business as it continues to breed disruptive innovation on college and university campuses across 100 plus countries.



## First Ever Cross Departmental Social Startup Competition at Bahria University Islamabad

A 2-days Social Startup Speed pitching competition was organized by Bahria Innovation Center, in Partnership with Bahria Business School and computer Sciences Department on the 23rd of December 2019.

Entrepreneurial ecosystem is thriving in Pakistan and stretching its wings in an ailing economy that is in desperate need of innovative ventures. Universities are hub of young talent where ideas are developed and nurtured which presents the economy with the next generation of thinkers and innovators. The objective of this activity was to bring together students from all departments, creating diverse teams and developing imaginative entrepreneurial projects via cross discipline synergies.



### Launch Ceremony of the Fata Economic Revitalization Program Incubation Services

A Business Incubation Programme for the youth of the Newly Merged Districts was launched in Islamabad on 30th January, 2020. Representatives of USAID, UNDP, Bahria University, International Islamic University, and youth from newly merged districts attended the ceremony where Senator Sitara Ayaz was the chief guest.

Under this programme, one-month business incubation services will be provided to 180 talented entrepreneurs, including 54 women, from Khyber, North and South Waziristan districts. The training component of the programme offers numerous hands-on, practical workshops in key areas of knowledge including various business models, sales, marketing, and finance. The programme also includes motivational sessions with leading trainers, experts and professionals in the entrepreneurial ecosystem, followed by a grant after approval of the entrepreneurs' business ideas.

USAID representative Ms. Sharon Lazich, Acting Director, KP-FATA office said that this initiative will result in economic growth of region and will provide jobs to youth. She also appreciated efforts of Bahria University and International Islamic University for their active contribution. Ms. Tanya Rzehak from UNDP Pakistan said UNDP has assisted more than 80,000 people from merged districts since 2015, this initiative will enable youth to play constructive role in development of merged districts. Chief Guest of the ceremony, Senator Sitara Ayaz expressed gratitude to USAID,

UNDP, Islamic International University and Bahria University for this excellent initiative. While addressing the ceremony she said Pakistan is facing number of challenges including unemployment. Encouraging our youth for entrepreneurship especially from Tribal areas will bring prosperity to the region. She motivated and encouraged young entrepreneurs to actively participate in business activities and contribute in economic development of Pakistan.

While speaking at occasion Vice Admiral Kaleem Shaukat HI(M), Rector Bahria University Islamabad, said "Universities are playing a key role in nurturing entrepreneurs and leaders by fostering on ethos that engages the next generation of innovators and disrupters of Pakistan. He further added "Bahria Innovation Centre is committed towards building a strong entrepreneurial eco-system for nurturing innovation for Start-ups in Pakistan". Earlier, Prof. Dr. Shehzad Khalid Head of Research, Innovation & Commercialization Office Bahria University briefed the audience about salient features of the project and its output in terms of Business Models and economic development. A part of the USAID funded FATA Economic Revitalization Programme (FERP), this activity is being implemented by Bahria University and International Islamic University in partnership with UNDP. FERP aims to provide sustainable livelihood and income generating opportunities to returnees, leading to long-term economic growth and contributing to resilience and economic revitalization of Newly Merged Districts (NMDs) of Khyber Pakhtunkhwa (KP).





### UNDP FATA Economic Revitalization Program Certificate Distribution Ceremony

The Certificate Distribution Ceremony of UNDP's FATA Economic Revitalization Program took place in Islamabad on 13th February, 2020 where 90 participants from the newly merged districts of North Waziristan, South Waziristan and Khyber District successfully completed their training on Entrepreneurship and Enterprise Development.

Funded by the USAID, the program is implemented by Bahria University in collaboration with International Islamic University and in partnership with UNDP. Under this programme, one-month business incubation services will be provided to a total of 180 talented entrepreneurs, including 54 women, from the newly merged districts.

The programme supports entrepreneurs to test out new business ideas in the market by providing technical assistance in the form of mentoring, coaching & training and reducing associated financial risk in the form of a grant, leading to sustainable livelihood and income generating opportunities to returnees, resulting in long-term economic growth and contributing to resilience and economic revitalization.





**Seed Grants under Rebuilding FATA via Entrepreneurship: Creating Leaders of Tomorrow**

Bahria Innovation Center (BIC), Bahria University, Islamabad has 45 trained Entrepreneurs of its Incubation and Entrepreneurship Program have successfully secured grants of more than Rs. 11.1357 million (Rs. 11,137,500) under the UNDP Fata Economic Revitalization Program to start their small scale businesses. We at Bahria Innovation Center are committed towards building a strong entrepreneurial eco-system for nurturing innovation for Startups in Pakistan. The program offers wide array of hands-on, practical workshops in key areas of knowledge for starting entrepreneurs (Business Model, Sales, Marketing, and Finance) and includes sparring sessions with experts from diverse background.

**Recognized Incubator in the Region**

The efforts of the Bahria Incubation Center have been duly recognized by the World Bank in this independent annual report twice as top 3 university incubators operating in Pakistan, highlighting the importance of incubators in building Pakistan’s Entrepreneurial Ecosystem. Bahria Innovation Center is committed towards building a strong Entrepreneurial Eco-system for nurturing innovation for Startups and Commercial Research Spinoffs in Pakistan with our network covering

almost all major cities and metropolises in Pakistan. Our goal is to drive sustainable economic growth, commercialize startups and SMEs, and empower them to grow through innovation and design.

**Interaction Session with USAID Mission Director at Bahria Innovation Center**

Bahria University and Islamic International University, in partnership with the U.S. Government through the United States Agency for International Development (USAID), the United Nations Development Program (UNDP), and the local business community, launched a digital platform to provide business incubation training to select entrepreneurs from the Merged Districts of Khyber, North Waziristan, and South Waziristan. The shift to online course work enables participants to continue developing business skills while COVID-19 public health precautions limit in-person meetings. The training supports aspiring business leaders as they develop their ideas and products under the mentorship of highly experienced professionals. Candidates with the most innovative ideas will also receive an implementation grant.

“This program is aligned with the Government of Pakistan’s strategy to empower youth from the merged districts and provide them with the skills to enhance their self-reliance, and thus build resilience,” said USAID/Pakistan Khyber Pakhtunkhwa/FATA Director Randy Chester. “We



are pleased to see how our partner institutions quickly adapted the formerly in-person course to an online format given the COVID-19 challenges, preventing a break in learning. It also challenges the participants to revise their business plans to adapt to or address the challenges the pandemic has introduced.”

“Before this training, I had no idea about the essential components of a business,” said Jamima Afridi, a young entrepreneur from Landi Kotal, Khyber. “Now enlightened with the concepts of marketing, finance, and human resources through this program, I am planning to open a cafe in Peshawar exclusively run by women for women.”

Prior to launching the digital platform, the program already provided business incubation training to 369 individuals from Khyber, North Waziristan, and South Waziristan Districts. The program has also provided business incubation grants to 138 individuals to start or scale-up existing innovative enterprises.



**World Entrepreneur’s Days 2019**

Manager Business Incubation Center, Bahria University Campus(BIC-BUKC)attended as Guest of Honor at U.S Consulate which celebrated World Entrepreneur’s Days 2019 on 21st August, 2019. He participated in Panel Discussion with Seed & Series of Investors.



**Workshop on Business Models for Startups**

Manager Business Incubation Center, Bahria University Karachi Campus (BIC-BUKC) conducted a Workshop on “How to Make Business Model” for Female Young Entrepreneur (Women Empowerment) through M/S Tech Camp Karakoram Girls Pakistan U.S. Alumni Network (PUAN) - Karachi Chapter on 17th September, 2019.



### CAC Dinner at Bahria University Karachi Campus

Business Incubation Center, Bahria University Campus (BIC-BUKC) organized CAC Dinner at Bahria University Karachi Campus on 13th September, 2019. This event was attended by many corporate heads, management of BUKC and students.



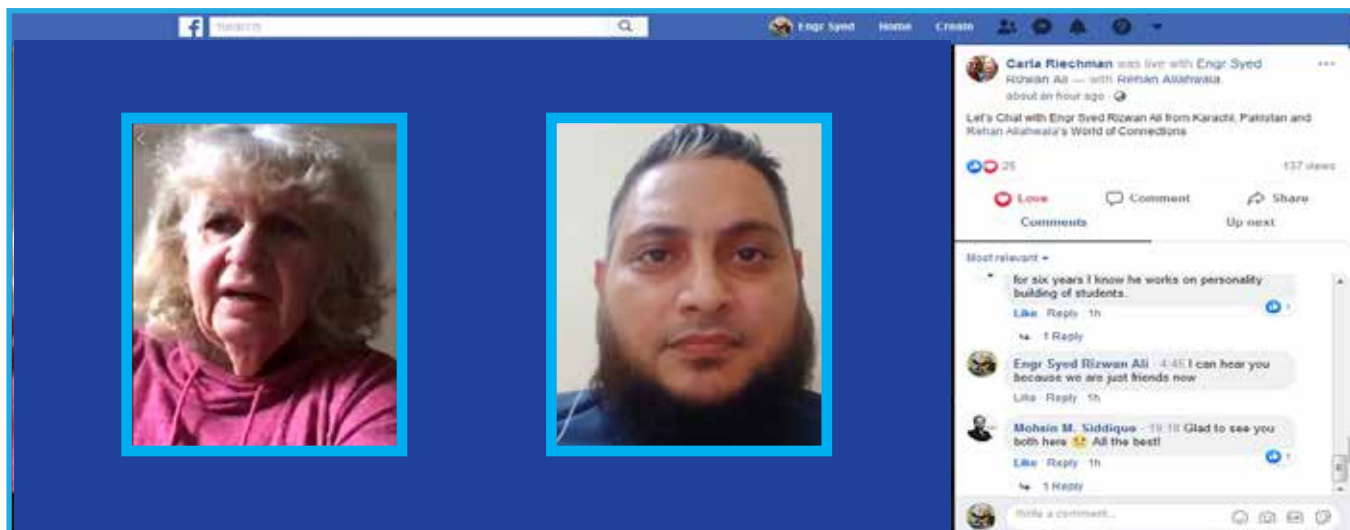
### Pakistan U.S. Alumni Network (PUAN) Alumni Reunion-19

Manager Business Incubation Center, Bahria University Karachi Campus (BIC-BUKC) as Alumni International Visitor Leadership Program (IVLP) Fellow participated in Pakistan U.S. Alumni Network (PUAN) - Karachi Chapter Alumni Reunion-19 on 14th September, 2019. This event was organized by U.S. Consulate General in which U.S. Consulate General Mr. Rob Silberstein, his team and approx. 200 U.S. Alumni fellows participated.



### Live Interview on Facebook

Manager Business Incubation Center, Bahria University Karachi Campus (BIC-BUKC) represented BIC-BUKC at International Forum with Ms. Carla from U.S and gave interview about how BIC-BUKC is functioning and providing support to startups. The event was held on 14th October, 2019.







### Android Apps and Mobile Applications Session

Manager Business Incubation Center, Bahria University Karachi Campus (BIC-BUKC) organized session on “Android Apps and Mobile Applications for Startups/ FYP’s Students” on 25th October, 2019. This session was conducted by Engr. Qazi Nauman Mujahid, who is currently working as Chief Operating Officer, Engitech Services (Pvt.) Ltd. He worked as an IT professional in Government Organization, MNCs and multiple Startups e.g. Pakistan Telecommunication Company Limited, Redtone Telecommunication Private Limited, Gaditek Associates, IOPearls etc.

### Climathon Karachi 2019 (Climate Innovative Idea Competition)

Manager Business Incubation Center, Bahria University Karachi Campus (BIC-BUKC) conducted a workshop on « Business Model Canvas» on 25-26 October, 2019. BIC-BUKC also represented, as an academic and Incubation partner at Climathon Karachi 2019. Climathon Karachi 2019 was the two days (Climate Innovative Idea Competition) in which more than 100 participants participated.



### Social Entrepreneurship Impact Innovation and Sustainability»

Manager Business Incubation Center, Bahria University Karachi Campus (BIC-BUKC) participated at Global Entrepreneurship Week (GEN) Panel discussion on «Social Entrepreneurship Impact Innovation and Sustainability» through Xiphios Innovations and US Karachi Embassy on 12th November, 2019.



**1 PUAN Masterclass Peace Lab 2019**

Manager Business Incubation Center, Bahria University Karachi Campus (BIC-BUKC) selected as BEST DELEGATE among 40 participants from Pakistan and Afghanistan at Pakistan-U.S. Alumni Network (PUAN) Masterclass Peace Lab held on 16-22 November, 2019. The major aim of the event was to promote Peace and Stability through Social Entrepreneurship.



**1st position at HI RoboTec Fiesta 3.0 - HITEC University**

Startups and students of Bahria University - Karachi Campus participated in Robo Tec Fiesta 3.0 and won 1st position. The event was organized by HITEC University, Taxila on 3-4 December, 2019.



**Thousand Thoughts Seminar**

Business Incubation Center, Bahria University Karachi Campus organized a seminar on “THOUSAND THOUGHTS” on 23rd December, 2019. This seminar was conducted by Mr. Ahmed Rauf Essa (Co-Founder of Telemart and Telenews), Mr. Raheel Akhtar (Anchor Person at BOL, C.E.O and Founder of Speak Smart Pakistan), & Mr. Abdul Kareem Adhia (Vice Chairman ABAD, C.O.O – Olympic Builders and Developers)

**National ICT Education Round table 2020**

Manager Business Incubation Center, Bahria University Karachi Campus (BIC-BUKC) attended National ICT Education Round table 2020 Conference organized by NIC Karachi on 7th February, 2020. In this





conference, experts from Industry/Academia/IT Company/ Professional participated like Dr. Sarosh Hashmat Lodi Vice Chancellor NED University of Engineering and Technology, Dr. Syed Irfan Hyder Rector Institute of Business Management (IoBM), Dr. Rabia Noor Enam Associate Professor , SSUET , Dr. Zahir Ali Syed Director, UIT, Dr. Jawwad Shamsi Director and Professor , FAST- KHI, Dr. Saad Qazi Professor and Dean, Faculty of Electrical

and Computer Engineering, NED University Iqbal Yousuf Shaikh CEO & Master Franchisee Aptech Pakistan from Industry: Shehzad Shahid Chairman P@SHA & TPL, Imran Khan CEO, Rapid Compute, Ahmed Ayub CTO, Airlift, Ms. Sophia Hasanain Founder & CEO - Linked Things, Faiza Yousuf Founder of – WomenIn Tech PK, Jibran Jamshad Country Leader Education - Microsoft , Zia Khan CEO, Panacloud.

**BIC-BUKC Teams Participation at Microsoft Imagine Cup 2020**

A startup of Business Incubation Center, Bahria University Karachi Campus (BIC-BUKC) named “MedicAir” and students of EE Deptt, BUKC participated in Final National Level Competitions of Microsoft Imagine Cup 2020 on 18th February, 2020.



**Peace Innovation Challenge 2020**

Manager Business Incubation Center, Bahria University Karachi Campus (BIC-BUKC) participated as International Judge at Karachi Citizen Lab, who organized “Peace Innovation Challenge” with a great line up of judges for online pitching session on Zoom. The event was held on 22nd April, 2020.







Chapter 3

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QUALITY  
**ASSURANCE**

## Chapter 3

### QUALITY ASSURANCE

#### QA Mechanism in BU

Currently there are two mechanisms functioning in Bahria University against which programs of BU are assessed for Internal Reviews, HEC Reviews and accreditation bodies visit etc. Details of mechanism is as under:

- a. Internal Quality Assurance (IQA) Mechanism
- b. External Quality Assurance (EQA) Mechanism

#### Internal Quality Assurance (IQA) Mechanism

1. Self-Assessment
2. Self-Academic Audit
3. Mock-Audit
4. Corrective Action Plan
5. Analysis of Students Feedback and Faculty Evaluation

#### External Quality Assurance (EQA) Mechanism

1. Inspection/Review of Accreditation Bodies
2. Inspection/Review of Higher Education Commission

#### QEC Rating by The HEC

BU QA Directorate by scoring 90.44% marks in 12th Assessment announced by Quality Assurance Agency (QAA) of HEC in August 2019 showed the commitment of QEC in promoting quality culture and establishing quality processes at BU. Quality Assurance Directorate of Bahria University has been continuously rated in the Top category of 'W' for last five years.

#### Memberships of QA Directorate

DQA of Bahria University is member of various International Quality Networks/ Organizations including 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) and Yahoo Quality Network.

- a. Asia Pacific Quality Network (APQN)
- b. INQAAHE (International Network for Quality Assurance Agencies in Higher Education) (Member since 28 July 2010)
- c. AQAAIW (Association of Quality Assurance Agencies of the Islamic World)
- d. QEC Yahoo Network (Member since 15 May 2015)
- e. The Talloires Network (Member since 1 Jan 2009)
- f. Association of Commonwealth Universities (ACU)
- g. Pakistan Network of Quality Assurance of Higher Education

#### Academic Mock Audits at Bahria University

The Academic Mock Audit of selected departments of BU Karachi and Islamabad campuses were conducted during the reporting period. The details are as follows:

Campus/CUs	Department	Program	Date of Event
Karachi	Computer Engineering Electrical Engineering	Bachelor of Computer Engineering Bachelor of Electrical Engineering	October 8-9, 2019
Islamabad	Computer Sciences	BS in Computer Sciences BS in Information Technology	19-20 November 2019
Karachi	Computer Sciences	BS in Computer Sciences BS in Information Technology	23 Jan 2020
Islamabad	Law	LLB	19-20 Feb 2020

### Details of Self Academic Audit conducted during 1<sup>st</sup> July 2019- June 30, 2020 at Bahria University

The self Academic Audit of all departments of all campuses and constituent units of Bahria University were conducted during the reporting period. The details are as follows:

Campus/ Constituent Unit	Program	Date
Bahria University Medical and Dental College	All Under Graduate and Post Graduate Programs	9-11 September, 2019
Islamabad	All Post Graduate Programs	October 1-3, 2019
Karachi	All Post Graduate Programs	October 8-9, 2019
Lahore	All Under Graduate and Post Graduate programs	October 9-10, 2019
Karachi	All Under Graduate Programs	October 16-18, 2019
Islamabad	All Under Graduate Programs	November 4-8, 2019
Islamabad/ Karachi/Lahore	All Under Graduate Programs	February 3-4, 2020
Bahria University Medical and Dental College	All Under Graduate and Post Graduate Programs	February 3-4, 2020
Islamabad/ Karachi/Lahore	All Post Graduate Programs	March 9-11, 2020

### Summary

Indicators	BUIC	BUKC	BULC	BUM&DC	Total
Impact Factor	118	28	15	11	172
HEC X	07	01	-	-	08
HEC Y	24	14	-	11	49
BU Local	04	04	-	11	19
Total	153	47	15	33	248
<b>Total Amount</b>	<b>8,684,728</b>	<b>20,63,614</b>	<b>10,51,265</b>	<b>8,30,834</b>	<b>12.630 Million</b>

### Impact of Quality Assurance & Academic Audits

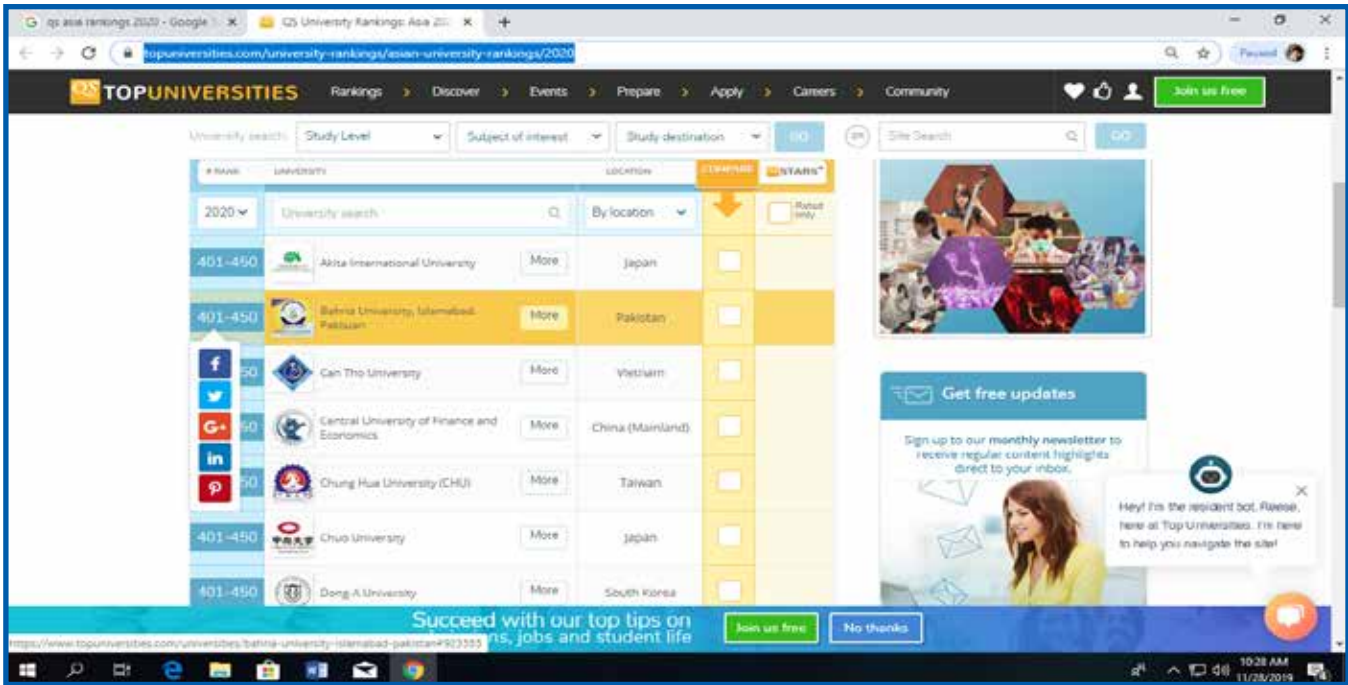
- More Ph.D. faculty has been hired
- Teaching and Learning methods have been improved
- Student's Feedback/Surveys are given due importance
- PERN utilization has been increased
- More Research publications in ISI – indexed & Impact factor journals
- More offices for faculty & classrooms for students have been established
- Libraries of the Campuses have been upgraded
- All newly launched and old programs are recognized by HEC and respective councils.
- Inclusion in International Rankings like QS Rankings for second consecutive year

### Cash Award Cases Scrutinized

- To promote the research culture at Bahria University by enhancing the research publications by the faculty and student of BU.
- The Higher Education Commission of Pakistan publishes, each year, the annual research output of the universities in which HEC ranks the universities on the basis of the research papers published under their university names in HEC Recognized Journals (included ISI-Indexed Impact Factor Journals).
- HEC every year retrieves the number of ISI-Indexed Impact Factor research papers published by the faculty members of the universities through ISI-Web of Knowledge.
- For the purpose of enhancing the annual research output of Bahria University, a policy on cash awards have been duly approved and implemented.

Details of Cash Award for research publications during 1 July 2019 and June 2020 is as under:





### Faculty Evaluation

As per HEC guidelines, Teacher evaluation is one of the important feedback mechanism from students in every semester to take measure for improvement in subject delivery at campus/department level. Bahria University has adopted this mechanism using it twice in the semester through online portal as mandatory activity of students (first evaluation after mid-term exam and second evaluation after final exam) to identify gaps/issues in the course delivery.

To give students ownership, all students are encouraged to identify improvement/weakness and strengths in teaching methods, class environment through faculty evaluation. Faculty Evaluation analysis of all campuses of BU are being carried out in Mid-Term and Final-Term exams of each semester. Slowly and gradually the system is improving.

### Best Faculty & Student Researcher Award-2019

Best Faculty & Student Researcher Award (faculty wise) have been awarded by the Honourable Rector to faculty members & student of Bahria University at each Constituent Unit. The list of awardees for the year 2019 are as follows:

S#	Faculty Member & Designation	Department	Campus	Cash Award
1	Dr. Rizwan ul Haq (Senior Assistant Professor)(Maths)	Electrical Engineering	BUIC	Rs. 50,000/-
2	Dr. Qazi Abdul Subhan (Senior Assistant Professor)	Management Sciences	BUIC	Rs. 50,000/-
3	Dr. Muhammad Ramzan (Senior Professor) Maths	Computer Sciences	BUIC	Rs. 50,000/-

### QS Asia Rankings 2020

QS is considered to be world most authentic and powerful rankings of universities. On 27 Nov 2019 it announced Asia Rankings 2020. As many as 29 Pakistani universities have been named among the top 550 higher education institutes in Asia.

Bahria University for the second consecutive year has been ranked in QS Asia University Rankings. It is ranked **401-450 (402)**.

Among 29 Pakistani Universities, Bahria University is at 18<sup>th</sup> position. In Employer Reputation Ranking Indicator Bahria University is 214 and in Faculty Student Ranking Indicator BU is at 137 among 550 Asian Universities. NUST (83) is the only universities which has been ranked in top 100.

S#	Faculty Member & Designation	Department	Campus	Cash Award
4	Dr. Riaz Ahmed Senior Associate Professor /Director AA	Management Sciences	BUIC	Rs.50,000/-
5	Mr. Muhammad Jahangir Khan Assistant Professor	Earth & Environmental Sciences	BUKC	Rs.50,000/-
6	Dr. Naveed R Khan Senior Assistant Professor	Management Sciences	BUKC	Rs.50,000/-
7	Dr. Haroon Rasheed Senior Professor/ HOD EE	Electrical Engineering	BUKC	Rs.50,000/-
8	Dr. Zainab Hussain Bhutto Senior Associate Professor/HOD (PP)	IPP	BUKC	Rs.50,000/-
9	Mr. Muhammad Faisal Fahim, Senior Lecturer/Researcher	DPT	BUMDC	Rs.50,000/-
10	Dr. Mehreen Lateef Associate Professor/QA Manager	MDRL	BUMDC	Rs.50,000/-

#### Best University Student Researcher Award 2019

S#	Name	Department	Campus	Cash Award
1	Mr. Muhammad Iftikhar Ali PhD Scholar/QA Officer	Management Sciences	BUIC	Rs.25,000/-
2	Ms. Munaza Bibi PhD Scholar	Management Sciences	BUKC	Rs.25,000/-



### Distinguished Teaching Award-2019

Distinguished Teaching Award (Campus Wise) for the year 2019 has been awarded by the Honourable Rector to faculty members of Bahria University at each Constituent Unit. The list of awardees for the year 2019 is as under:

S#	Faculty Member & Designation	Department	Campus
1	Dr. Sumaira Kausar Associate Professor	Computer Sciences	BUIC
2	Mr. Shaheer Ellahi Khan Assistant Professor	Humanities & Social Sciences	BUIC
3	Ms. Sameena Javaid Assistant Professor	Computer Sciences	BUKC
4	Dr. Kiran Bashir Senior Assistant Professor	IPP	BUKC
5	Mr. Aasim Ali Senior Assistant Professor	Computer Sciences	BULC
6	Dr. Quratulain Javaid Senior Lecturer	Anatomy	BUMDC (Medical)
7	Dr. Tabassum Ahsan Qadeer Associate Professor & HoD	Orthodontics	BUMDC (Dental)

### Distinguished Teachers Award-2019

Distinguished Teacher Award is a yearly custom and is conferred upon the faculty members of Bahria University for their outstanding performances. The ceremony includes conferring monetary award as well as certificate and shield to the faculty member selected due to the recognition of their contribution in the field of teaching and research.

This year after evaluation of the nominees, Bahria University selected Dr. Quratulain Javeed, Sr. Lecturer, Department of Anatomy from Medical Section and Dr. Tabassum Ahsan Qadeer, Associate Professor and Head of Department of Orthodontics, from Dental Section for the Distinguished Teachers Award.

Both were honored with a shield, certificate of appreciation and cash award of fifty thousand rupees by the Rector of Bahria University Vice Admiral (R) Kaleem Shaukat HI (M) on 25th February 2020. Director General BUMDC Rear Admiral (R) Imtiaz Ahmed HI (M), Dean of Health Sciences Prof Asadullah Khan, Principal Dental College Prof. Dr. Wahab Kadri graced the ceremony along with other senior faculty members. Dental Section were awarded as best teacher 2019 by Bahria University.

### Best Researcher 2019

Dr. Mehreen Lateef, Head MDRL and Mr. Faisal Faheem, Faculty of DPT were awarded as best researchers 2019 for excellent research output among all other researchers of BUMDC.







Chapter 4

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# INTERNATIONAL COLLABORATIONS

## Chapter 4

### INTERNATIONAL COLLABORATIONS

Today academic realm is equally prone to challenges posed by high pace commercial advancement. Short lived market trends and operational re-designing of commerce has created a whole new academic vacuum which has dimensions of its own. To briefly highlight, core competencies of desirable human resource are no more confined to a standard skill set or a certain level of academic qualification. To counter the ever changing dynamics continuous learning was the initial narrative of academic experts. However, in absence of a wholesome perspective, standalone the narrative of continues learning turned out to be ineffective. In response to the situation a much focused yet versatile strategy with a global perspective was adopted to address the vacuum created and to attain the desirable results. Academic institutions are collaborating globally for exchange of knowledge aimed at capacity and competency development of its students, staff and faculty to deal effectively with the present day global challenges.

Year 2019-2020 turned out to be one of the most progressive year, whereby International Office at Bahria University has dedicatedly pursued and engaged in meaningful academic collaborations at international level ensuring maximum value for students, staff and faculty.

#### Academic Collaborations:

During year 2019-2020 Bahria University has signed Memorandum of Understanding with Six International Universities. The scope of collaboration includes Credit Articulation, Exchange Programs, Study Tours, Summer Schools, International Internships, International Conferences, Faculty Exchange Programs, Joint Research, Workshops, and Seminars.

#### MOU signed with University of Missouri-Kansas City, USA

Bahria University has signed agreement with Missouri-Kansas City, USA. Areas of cooperation agreed upon, but not limited to are:

- a. Joint research and educational activities at both the bachelor and graduate levels
- b. Discussion of the development, organization,



- and delivery of non-degree executive programs
- c. The exchange of invitations to Scholars (Faculty, research personnel and graduate students) to participate in lectures, conferences and symposia;
- d. The Exchange of faculty, Staff, and research personnel for study and research;
- e. The exchange of graduate and under-graduate students; specific tuition and other fees to be charged those students as well as the admission requirements shall be arranged according to the policies of each of the partner institutions.
- f. The exchange of academic and scientific information of mutual interest
- g. Any other mutually agreed upon activity that would benefit both parties.



### MOU signed with Heilongjiang International University, China

Bahria University has signed MOU with Heilongjiang International University, China. The areas of cooperation will include:

- Mutual exchange of in scientific research, which cover faculty staff exchange, learning and work experience exchanges,
- Participation in mutual scientific research and establishment of innovation project schemes
- Opportunities focused on field work internships and hands-on practice experience.
- Real practice in scientific research.
- Curriculum and syllabus development
- Student exchange
- Seminars
- Joint Publications
- Establishment of a research center for the Belt and Road Initiative
- Exchange in research domains

### MOU signed with Uskudar University, Turkey

Bahria University has signed agreement with Uskudar University Istanbul, Turkey. The areas of cooperation agreed upon are as follows:

- Joint Research
- Exchange of Faculty
- Student Exchange Programmes
- Exchange of Academic Research and Material
- Joint academic and scientific activities including conferences and seminars.



### MOU signed with Jiangsu University, China

Bahria University has signed agreement with Jiangsu University, China. Areas of cooperation agreed upon, but not limited to are:

- The development and promotion of research collaboration in areas of mutual interest.



- The exchange of academic staff, scholars and students.
- The sponsoring of cooperative seminars, workshops and other academic meetings on matters of mutual interest
- The exchange of the university publications and information.

### MOU signed with Capital Medical University, China

Bahria University has signed agreement of collaboration with Capital Medical University, China. The agreement was reached to a conclusion during visit of Senior Management from Bahria University i.e. Pro-Rector(Academics) DG Health Sciences, and Principal BUMDC. The terms agreed upon include:

- Exchange of Faculty/ Students





- b. Internship opportunities at affiliated hospitals for students
- c. Joint research projects
- d. Joint Summer School Programmes/short courses
- e. Faculty Development
- f. Invitation to events, conferences & seminars, and joint conferences/seminars
- g. Sharing/ Exchange of information & resources
- h. Such other areas as may be mutually acceptable

**MOU signed with Ulster University, UK**

Bahria University has signed memorandum of understanding with Ulster University UK. The areas of collaboration agreed upon include:

- a. Research Activities
- b. Staff Mobility
- c. Curriculum development in domain of computer science
- d. Articulations
- e. Students Mobility



**Faculty/Officials Development**

Bahria University considers faculty and staff as the most determining asset in delivering the due value to its students. Hence faculty and staff development is prioritized to exceptional level. International office has successfully tapped considerable opportunities for faculty development over the last year. Details are as follows:



**Scholarships**

Fully Funded PhD scholarships have been secured for faculty of Bahria University under Chinese government scholarship scheme. Following faculty members have availed PhD Scholarships from Dalian Maritime University.

Name	Designation	Department
Mr. Rashid Iqbal	Lab Engineer	Electrical Engineering (BUIC)
Ms. Saira Dar	Lecturer	Law (BUIC)

A faculty member Mr. H.Shahrukh Zohaib, Lecturer, Maritime Sciences (BUKC)has been sent for MSc to Netherland Maritime Logistics University of Applied Sciences:



### Organizing and Participation in International Conferences

Bahria University in collaboration with University Pendidikan Sultan Idris conducted 4<sup>th</sup> Asia Pacific Conference on Educational Management and Leadership from 22 to 23 November 2019 in Malaysia. Bahria University have secured two positions in the top five papers presented. Following officials, faculty and students from BU have participated in the conference:



Sr#	Name	Designation	Department/Office
a.	Rare Admiral (R) Mukhtar Khan	Director General BUKC	DG Office BUKC
b.	Dr. Bashir Ahmad	Head of Department	Management Sciences, BUKC
c.	Dr. Naveed Khan	Senior Assistant Professor	Management Studies, BUKC
d.	Ms. Afifa Sardar	Lecturer	Business Studies, BUKC
e.	Ms. Faiza Siddiqui	PhD Scholar	Management Studies
f.	Ms. Syedia Qurat Ul Ain Kazmi	PhD Scholar	Management Studies
g.	Ms. Maria Baig	Mphil	Management Studies
h.	Ms. Zoya Ali Saleem	MSc (Psychology)	IPP



### Participation in International Seminars

BU with support of Chinese Embassy in Islamabad have successfully managed to send 15 staff/faculty members to attend following seminars in China:

#### Marine Geological Survey

A session on Marine Geological Survey & Environmental Protection of Coastal Zone for Developing Countries held on 02 - 29 September 2019. Following staff members and faculty members from Bahria University participated.

Sr no	Name	Designation	Department/Campus
a.	Mr. Muhammad Jahangir Khan	Asst. Professor	E&ES BUKC
b.	Mr. Haris Ahmed Khan	Asst. Professor	E&ES BUKC
c.	Mr. Jawwad Abdullah Butt	Senior Scientific Officer	E&ES BUKC
d.	Mr. Mughal Shareef	Asst. Professor	E&ES BUKC

### Marine Fishery Development

A session on Marine Fishery Development held on 16 October - 12 November 2019. Following staff members and faculty members from Bahria University participated.

Sr no	Name	Designation	Department/Campus
a.	Dr. Saima Majeed	Senior Scientific Officer	Aquatic Diagnostic Lab (BUKC)
b.	Ms. Ayesha Umer	Scientific Officer	Aquatic Diagnostic Lab (BUKC)
c.	Ms. Alifiya Aunali	Research Assistant	NCMPR (Karachi) - RA KPT Chair
d.	Ms. Amen Razzaq Butt	Research Assistant	NIMA (Islamabad)

### Promotion of Comprehensive Economic Strength

A session on Promotion of Comprehensive Economic Strength of Maritime Cities via ICM for Developing Economies held on 27 October - 25 November 2019. Following staff members and faculty members from Bahria University participated.

Sr no	Name	Designation	Department/Campus
a.	Mr. Asif Shamim	Asst Professor	Management Sciences, BUKC
b.	Mr. Bilawal Ali	Lecturer	Management Sciences, BUKC
c.	Dr Mubashir Ali Khan	Lecturer	Management Sciences, BUKC

### Maritime Applications

A seminar on Beidou Satellite Navigation System for Maritime Applications held on 25 November - 24 December 2019. Following staff members and faculty members from Bahria University participated.

Sr no	Name	Designation	Department/Campus
a.	Dr. Junaid Imtiaz	Asst. Professor	EE, BUIC
b.	Dr. Muhammad Amir	Senior Asst. Professor	EE, BUIC
c.	Engr. Faraz Humayun	Senior Asst. Professor	EE, BUIC
d.	Engr. Muhammad Zuhair Arfeen	Asst. Professor	EE, BUIC







### Delegation visit by University of Huddersfield, UK

A delegation from University of Huddersfield UK visited Bahria University Lahore Campus on 19 Nov 19 to enlighten the students about the admission opportunities in the international university. The delegation consisted of Dr Ejaz Ahmed, International Relations Manager, and Dr. Shabbir Dastagir, Senior Lecturer of Economics. They were accompanied by Mr Adnan Qazi, CEO Education Inc. They addressed the students of Computer Science and Management Science classes, and talked about advanced and exchange programs offered in these disciplines at the Huddersfield University. They also talked about on-campus activities and living in the UK as an international student. They elaborated on the fee structure and scholarship opportunities, which were of much interest to the students. At the end, students were invited to fill in forms to stay in touch with the representatives.

### Ms. Alifiya Aunali Research Associate Attended Training Programme on Marine Fisheries Economic Development in China

The NIMA(K) researcher attended above training from 16 October to 12 November 19 in China.



The training included visit to various marine fisheries facilities at Jinjiang, Shishi city, Wyushang, Dhongshong. She also participated in the World Ocean Week Xiamen from 2nd to 5th of November, as International Participant.





**Ms. Naghmana Zafar Designated as Young Ocean Leader 2019 During Our Ocean Conference in Norway**

An International Conference with the title “Our Oceans” was organized by the Norwegian Ministry of Foreign Affairs from 22-25 October 2019 at Oslo, Norway. “Young Ocean Leadership Summit” as an integral part of the event in collaboration with University of Tromsø and Sustainable Oceans Alliance was also held during the conference. The participants of the summit (aged 18 to 35) were selected on the basis of their contribution towards Maritime sector and healthy oceans. The summit was attended by participants from more than 45 countries. Ms. Naghmana Zafar Senior Researcher at NIMA/ Bahria University was selected from Pakistan as Young Ocean Leader 2019. Accordingly, she participated and also won the “Ocean Boot camp Challenge” held during the Conference. The individual was greeted by Crown Prince of Norway & Foreign Minister of Norway.

**Participation in International Seminars**

Bahria University has arranged a series of On-Campus Seminars/Workshops and Trainings for its faculty and officials by inviting resource persons from International Universities during 2019-2020.

Title: Seminar on AACSB Accreditation Process (Do’s & Don’t’s)

Resource Person: Dr. Salem Lotfi Boumediene  
University: Montana State University Billings, USA

Date: 29 July 2019

Audience: Faculty of Business Studies and Management Studies

Campus: BUIC and BUKC

Title: Seminar on 15 Standards of AACSB

Resource Person: Dr. Salem Lotfi Boumediene  
University: Montana State University Billings, USA

Date: 30 July 2019

Audience: Faculty of Business Studies and Management Studies

Campus: BUIC and BUKC



Title: Seminar on Assurance of Learning Process of AACSB

Resource Person: Dr. Salem Lotfi Boumediene

University: Montana State University Billings, USA

Date: 30 July 2019

Audience: Faculty of Business Studies and Management Studies

Campus: BUIC and BUKC

Title: Seminar on Application of eligibility of AACSB

Resource Person: Dr. Salem Lotfi Boumediene

University: Montana State University Billings, USA

Date: 31 July 2019

Audience: Faculty of Business Studies and Management Studies

Campus: BUIC and BUKC



Title: Psycho-Social Toxicity & its Implications for Educational Institutes in Pakistan

Resource Person: Dr. Shakil Jehangir Malik

University: University of Sussex, UK

Date: 05 September 2019

Audience: Faculty of all departments

Campus: BUIC, BUKC, BULC, and IPP

Title: Elements of a journal submission which have little to do with the scientific content but which influence editorial decisions

Resource Person: Dr. Caven Mcloughlin

University: Kent State University, USA

Date: 23 September 2019

Audience: Faculty of all departments

Campus: BUIC

Title: Journal editors' Advice on Steps to take before, during and after preparing a manuscript for submission

Resource Person: Dr. Caven Mcloughlin

University: Kent State University, USA

Date: 24 September 2019

Audience: Faculty of all departments

Campus: BUIC

Title: Quality Assurance in Universities

Resource Person: Dr. Rahat Munir

University: Macquire University, Australia

Date: 21 February 2020

Audience: Faculty of all departments & Quality Assurance Team (BUIC & BUHO)

Campus: BUIC and BUKC

Title: Shaping Curriculum to Meet 21st Century Challenges

Resource Person: Dr. Rahat Munir

University: Macquire University, Australia

Date: 24 February 2020

Audience: Faculty of all departments and Quality Assurance Team (BUIC)

Campus: BUKC and BUIC



### Learning Visits

A senior delegation from BU head by Acting Rector visited following universities in China from 2<sup>nd</sup> till 9<sup>th</sup> November 2019 to explore possibilities of academic cooperation.

- Naval Medical University, Shanghai
- Children Hospital Fudan University,
- Shanghai Maritime University, Shanghai
- Capital Medical University, Beijing

Bahria University has signed MOU with Capital Medical University and is actively pursuing to ink formal MOUs with rest of aforementioned University. The areas of collaboration including student/faculty exchange, joint research, summer schools, internships etc.



### Student Development

#### Educational Expos

International Office maintains a credible network with international universities, renowned Educational consultancies, and international Educational organizations to secure higher education consultancy for its students. During the year 2019-20 a total of 5 Expos were organized in which a total of 92 universities from across the globe has participated. Information regarding general admission guidelines, student's profile assessment, financing, and scholarship opportunities was provided to the students. Following are details of the Expos held at Bahria University Islamabad Campus.

#### Educational Expo in Collaboration with USEFP/ Education USA

Bahria University in collaboration with USEFP/ Education USA has organized an Educational Expo for BUIC students. Following US Universities have participated in the Expo:

- The University of Texas at Arlington, College of Engineering
- Oklahoma City University
- St. Louis University
- Michigan State University
- Hofstra University
- George Mason University



Officials from the above stated universities, gave presentations regarding application process, scholarship opportunities and admissions requirements to students. The Expo was also attended by students from Air University.

#### Educational Expo in Collaboration with Turkish Universities

Bahria University in collaboration with AWM Education has organized Turkish Education Expo on 21<sup>st</sup> and 25<sup>th</sup> November at BUIC and BUKC respectively. Following four universities from Turkey have participated in the Education Expo.

- a. Istanbul Sheir University
- b. Bahcesehir University
- c. Uskudar University
- d. Yasar University

The expo was primarily focused on promoting higher degree programs in the participating universities. BU has signed MOU with Uskudar University for student / faculty exchange program.



### Educational Expo in Collaboration with ABN Overseas Consultant

BU in collaboration with ABN Overseas Education consultants has organized Education Expo at Islamabad Campus. 100s of top notch universities from USA, UK, Canada, Australia, Sweden and Malaysia were presented on the Expo. The Expo was open to all, counselors provided information regarding degree programs, admission criteria, financing, scholarship and career opportunities.





### Educational Expo in Collaboration with Times Consultant

Times Consultant in collaboration with Bahria University Islamabad Campus have organized World Education Expo on 24<sup>th</sup> December 2019 covering the entire band of higher education destinations showcasing opportunities in over 100 top Universities in the world. Free consultation was provided to students and faculty on topics including general admission guidelines, Student profile assessment, Visa Documentation, Financing, Budgeting, Scholarship and job opportunities.



### International Internships

International office has been regularly sending students abroad to partner universities for internships. These internships spans from 1 month to 2 months. Students are designated in the relevant departments in host universities. Mr. Muhammad Ali Haider from Management Sciences department of Bahria University Islamabad Campus have completed his internships at AMIST UNIVERSITY Malaysia during 2019-20.

### Summer Schools (local)

A Summer School on the topic of International Business Skills was organized by International Office in collaboration with Department of Business Studies. Prof. Dr. Sander Schroevers from University of Amsterdam University was the resource person. 16 students from China, 6 from Pakistan and 1 from Netherlands have participated in the summer school. Canadian High Commissioner to Pakistan and Vice President Jazz were among the Guest Speakers during the summer school. The Summer School included a 3 days' excursion trip to northern areas.





### Summer Schools (International)

Bahria University has sent following three students to attend Delightful Summer School Program at Istanbul Aydin University from 21st July - 2nd August 2019. The summer school is designed to give a rich blend of advance curriculum on the topics of interest along with seen sighting of the iconic Istanbul. Students have studied following courses in the summer school.

- Leadership and Innovation
- Digital Marketing
- Intercultural Communication in a Globalized World



Sr #	Name	Department	Campus
a.	Ms. Amna Amir	Management Studies	BUIC
b.	Ms. Mahnoor Umer	Humanities and Social Sciences	BUIC
c.	Mr. Abrar Ahmed	Management Studies	BUIC

### International Conferences/Study Tours

#### HNMUN 2020 and Visit to Valparaiso University

Bahria University has sent following twelve-member student delegation to participate in Harvard National Model United Nations Conference 2020 from 13th – 16<sup>th</sup> February, 2020. The delegation was led by Cdr. Muzammil Hussain (Director Karachi Campus) and Dr. Noshi Iram Zaman Khan (HoD Professional Psychology BUIC). The conference was held at Boston Park Plaza where Bahria University represented Bulgari and Cyprus. Later the student delegation visited Harvard University and Valparaiso University in Indian USA.



#### Study Tour to Macquarie University Australia

Bahria University has sent following two students for a study tour program at Macquarie University, Sydney from 27th July – 10th August, 2019. During the study tour topics such as Marketing Project, Strategic Management, Brand Management, Entrepreneurship and New Venture Management, etc. were taught. Along with academic's students had the opportunity to go for Sydney Sightseeing and Opts company visit. Further to the routine activity programme Bahria University students have presented Pakistan and Bahria University to the student body at Macquarie University Australia.





S. No	Name	Program	Department	Campus
1	Muhammad Fuzail	BBA	Business Studies	BUIC
2	Nauman Khan	BBA	Business Studies	BUIC



**The Triennial Women Deliver Conference**

Miss Sumaira Waseem student of LLB Islamabad Campus was accepted into the 2018 Class of Women Deliver Young Leaders, which allowed her to attend the Triennial Women Deliver Conference in 2019 in Vancouver, on a full scholarship.



**Exchange Programs**

In line with its strategic goal of internationalization and student development, Bahria University actively explores the opportunities of academic collaborations. Currently BU has active MOUs with 43 International Universities across the globe. One of the prime provisions among the areas of collaboration for student’s development is exchange program. Bahria University has sent the below listed students to attend Fall 2019 and Spring 2020 Semester Exchange Program with its partner universities in Turkey, Italy, and USA.

## Semester Exchange Program (Fall - 2019)

**Yasar University, Turkey**

S. No	Name	Degree Program	Department	Campus
a.	Mr. Saljook Muhammad Aslam	BBA	Management Sciences	BULC

**Altinbas University, Turkey**

S. No	Name	Degree Program	Department	Campus
a.	Ms. Ariba Omer	BS (PSY)	Psychology	IPP
b.	Mr. Ali Sher Shahid	BS(CS)	Computer Science	BULC
c.	Mr. Meheryar Khan	BS(IT)	Computer Science	BULC
d.	Mr. Muhammad Irnain Abbas Khan	MBA 1.5	Management Sciences	BUKC

**Yeditepe University, Turkey**

S. No	Name	Degree Program	Department	Campus
a.	Ms. Maria Noor	BS (PSY)	IPP	IPP

**Sapienza University, Rome, Italy**

S. No	Name	Degree Program	Department	Campus
a.	Ms. Elishbah Popatia	BS (PSY)	IPP	IPP

**Montana State University Billings, USA**

S. No	Name	Degree Program	Department	Campus
a.	Mr. Ammar Bin Sarwar	BBA	Management Sciences	BUKC
b.	Ms. Shukria Fazal	PhD	Psychology	BUIC
c.	Ms. Safina Allana Iqbal	BS (PSY)	Psychology	IPP
d.	Ms. Nabiah Shireen Ehsan Qureshi	BBA	Management Sciences	BUIC



### Spring 2020 Exchange Program

#### **Yasar University, Turkey**

S.No	Name	Enrollment no	Programme	CU
a.	Ms. Madeeha Zuberi	05-171182-114	BS (Psychology)	IPP
b.	Ms. Faheela Fatima Baig	05-171182-132	BS (Psychology)	IPP

#### Izmir University of Economics, Turkey

S.No	Name	Enrollment no	Programme	CU
a.	Mr. Ahmed Ali Sarwar	01-111182-159	BBA	BUIC
b.	Mr. Sheikh Wajieh Shahzad	02-112181-027	BS(A&F)	BUKC

#### **Altinbas University, Turkey**

S.No	Name	Enrollment no	Programme	CU
a.	Ms. Alina Hashmi	01-154172-033	BS (Media Studies)	BUIC

#### Yeditepe University, Turkey

S.No	Name	Enrollment no	Programme	CU
a.	Ms. Aisma Khan	01-114181-002	BS (Economics)	BUIC

#### **Sapienza University, Rome, Italy**

S.No	Name	Enrollment no	Programme	CU
a.	Ms. Alishia Shafiq	05-171191-078	BS (Psychology)	IPP
b.	Mr. Muhammad Shahroze Amer	01-222182-017	MBA	BUIC

#### **Istanbul Technical University Istanbul, Turkey**

S.No	Name	Enrollment no	Programme	CU
a.	Ms. Baddiah Javaid	02-132182-049	BCE	BUKC
b.	Ms. Laiba Zubair	02-134172-030	BS (Computer Science)	BUKC
c.	Ms. Fatima Zakir	02-134172-031	BS (Computer Science)	BUKC



### Guest Talks

Guest Talks are considered as a vital component of the overall education experience of students. Experts opinion equip and enable the students to analyze the world through the lens of practicality and experience, and helps them bridge classroom learning with practical environment. International Office keeps on inviting experts from industry and academia to ensure that students at Bahria University are subject to a rich educational experience. Following are the Guest talk sessions that International Office has organized during year 2019-20.

### Ethics and Artificial Intelligence

A guest lecture on Ethics and Artificial Intelligence was conducted by International Office on 11 July 2019 at BUIC. The resource person was Prof. Philomena Leung, Associate Dean International, Macquarie University, Australia. The faculty members from all departments attended the session.



### Women's Economic Empowerment and gender equality, a matter of Global Importance

A guest lecture on Women's Economic Empowerment and Gender Equality, a matter of Global Importance was conducted by international office on 01 August 2019 at BUIC. The resource person was H.E. Wendy Gilmour, High Commissioner of Canada to Pakistan, Canadian High Commission to Pakistan. The students from all departments attended the session. International audience Heilongjiang International University, China and Amsterdam University of Applied Sciences, Netherlands also participated.



### Business Information Systems

A guest lecture on Business Information Systems was conducted by international office on 27 August 2019 at BUIC. The resource person was Dr. Kuldeep Sandhu, Senior Lecturer, Griffith University, Australia. The AACSB Cell Members and Business and Management Studies Faculty attended the session.

### Career Development

A guest lecture on Career Development was conducted by International Office on 23 September 2019 at BUIC. The resource person was Dr. Aila Khan, Senior Lecturer and Course Adviser of Higher Education, Western Sydney University, Australia. Faculty and Students of Business and Management Studies attended the session.



### Get Ready for Future of Work

A guest lecture on Get Ready for Future of Work was conducted by International Office on 17 October 2019 at BUKC. The resource person was Professor Jackie McCoy, Associate Dean (Global Engagement), Ulster University, UK. Students of all Departments attended the session.



### Scholarship opportunities in University of Kent, UK

An information seminar on Study and Scholarship opportunities in University of Kent, UK was conducted by International Office on 18 October 2019 at BUIC. The resource persons were Ms Kayleigh Buckingham-Pegg, International Officer, University of Kent, UK and Ms. Mita Mondal, School Administration Manager, University of Kent, UK. Students of Engineering Sciences, Business Studies and Management Sciences departments attended the session.



### Nation Branding

A guest lecture on Nation Branding was conducted by international office on 23 October 2019 at BUIC. The resource person was Professor Annie Lu, Dean of International, Canterbury Christ Church University, UK. Students of all departments attended the session.





### Current Global Economic Issues - Brexit & the EU, The USA-China Trade Wars

A guest lecture on Current Global Economic Issues - Brexit & the EU, The USA-China Trade Wars was conducted by International Office on 24 October 2019 at BUIC. The resource person was Dr. Prashan Karunaratne, faculty member of Macquarie University, Australia. Students of all departments attended the session.



### Future Prospects of Graduate Studies in the field of Accounting, Finance and Economics in UK

A guest lecture on Future Prospects of Graduate Studies in the field of Accounting, Finance and Economics in UK was conducted by International Office on 21 November 2019 at BUIC. The resource person was Dr. Shabbir Dastgir, Senior Lecturer in Financial Economics, University of Huddersfield, UK. Students of Business Studies and Management Sciences attended the session.



### Future Prospects of Graduate Studies in the field of Computer Sciences

A guest lecture on Future Prospects of graduate studies in the field of Computer Sciences was conducted by International Office on 21 Nov 2019 at BUIC. The resource person was Dr. Ejaz Ahmed, Lecturer, University of Huddersfield, UK. Students of Engineering Sciences attended the session.



### How to do Graduate Study Research for UK

A guest lecture on How to do Graduate Study Research for UK was conducted by International Office on 21 November 2019 at BUIC. The resource person was Dr. Syed S Bukhari, faculty, University of Loughborough, UK. Students of Engineering Sciences attended the session.



### Poland - Pakistan Relations - Role of Academia

A guest lecture on Poland - Pakistan Relations - Role of Academia was conducted by International Office on 11 February 2020 at BUIC. The resource person was H.E. Mr Piotr A. Opalinski, Ambassador of Poland to Pakistan, Poland Embassy. Students of all departments attended the session.



### A Brief Evolution of Image Processing Techniques in Medical Applications

A guest lecture on A Brief Evolution of Image Processing Techniques in Medical Applications was conducted by International Office on 13 February 2020 at BUIC. The resource person was Professor Enrique Navas, In-charge Mobility programmes, University of Malaga, Spain. Faculty and Students of Electrical and Software Engineering attended the session.



### Leadership & Emotional Intelligence

A guest lecture on Leadership & Emotional Intelligence was conducted by International Office on 18 February 2020 at BUIC. The resource person was Professor Jackie McCoy, Associate Dean (Global Engagement), Ulster University, UK. Students of all departments attended the session.



### Current Issues and Future Trends in the Maritime Industry

A guest lecture on current issues and future trends in the Maritime Industry was conducted by international office on 18 February 2020. The resource person was Professor Alco Weeke, Senior Lecturer, STC Group & Rotterdam Mainport Institute, Netherlands. Students Maritime and Business Studies departments of BUKC and BUIC attended the session.

### Pakistan Science Fair Awards

BU collaborated and participated in the first ever of its kind Pakistan Science Fair Awards 2020 organized by Ulster University UK. Students from NUST, FAST, AIR, and Bahria University competed in the awards. The awards were focused on innovative use of Data Science, Internet of Things and Artificial Intelligence to support and enhance society.





**GRE Orientation Sessions**

Bahria University in collaboration with Education USA and USEFP have organized free GRE orientation and preparatory sessions for the students of Islamabad campus. The sessions provided an interactive platform for GRE aspirants. The session will be followed by a free GRE Mock Exam.



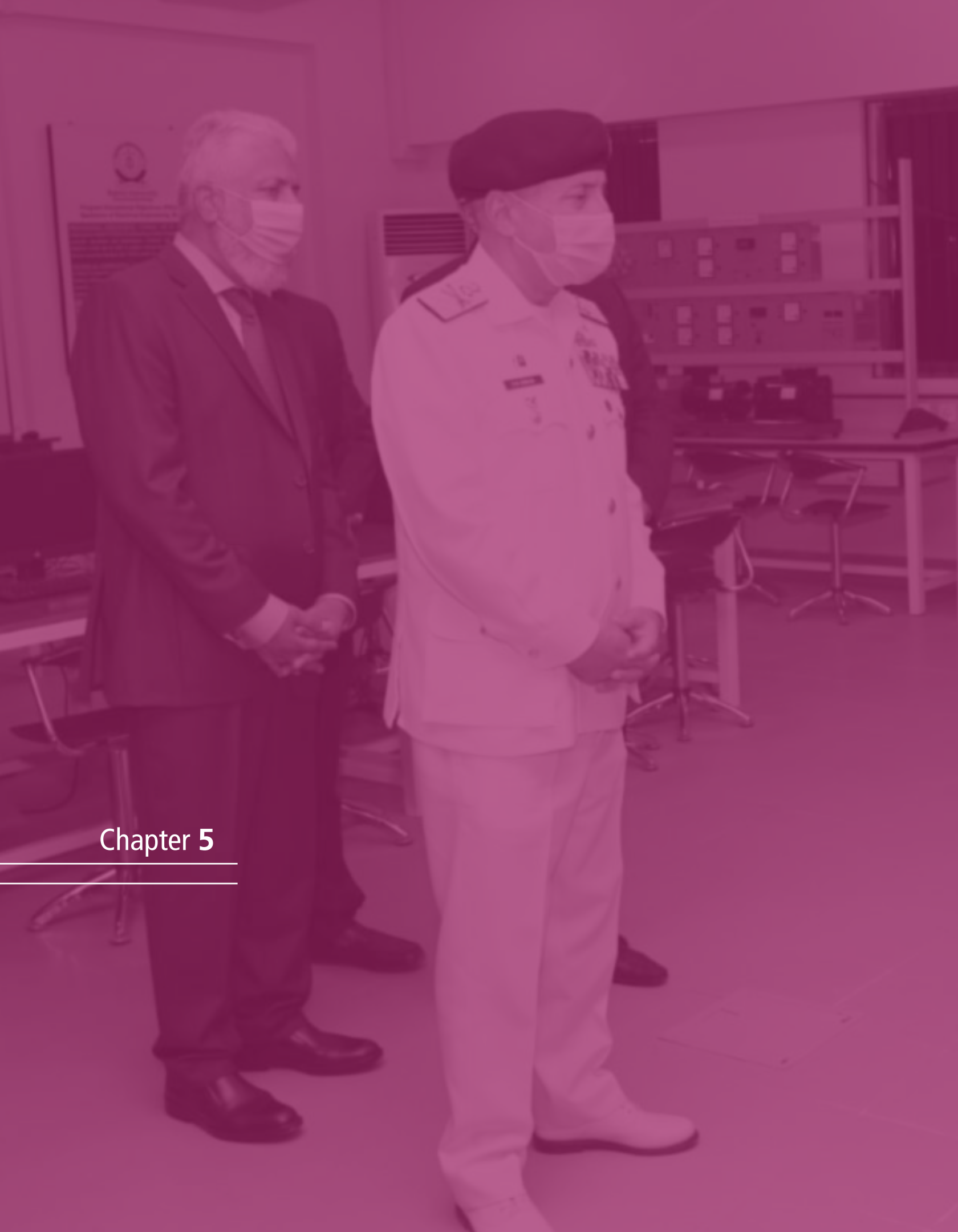
**Thought Leaders' Summit 2020 – The Future is Now**

Bahria University students participated in “Thought Leaders’ Summit 2020 – The Future is Now”

organized by British Council Pakistan. The Summit was aimed at meaningful discourse in areas of Higher Education, Digitalization, Creative Economy and Equality, Diversity and Inclusion (EDI)

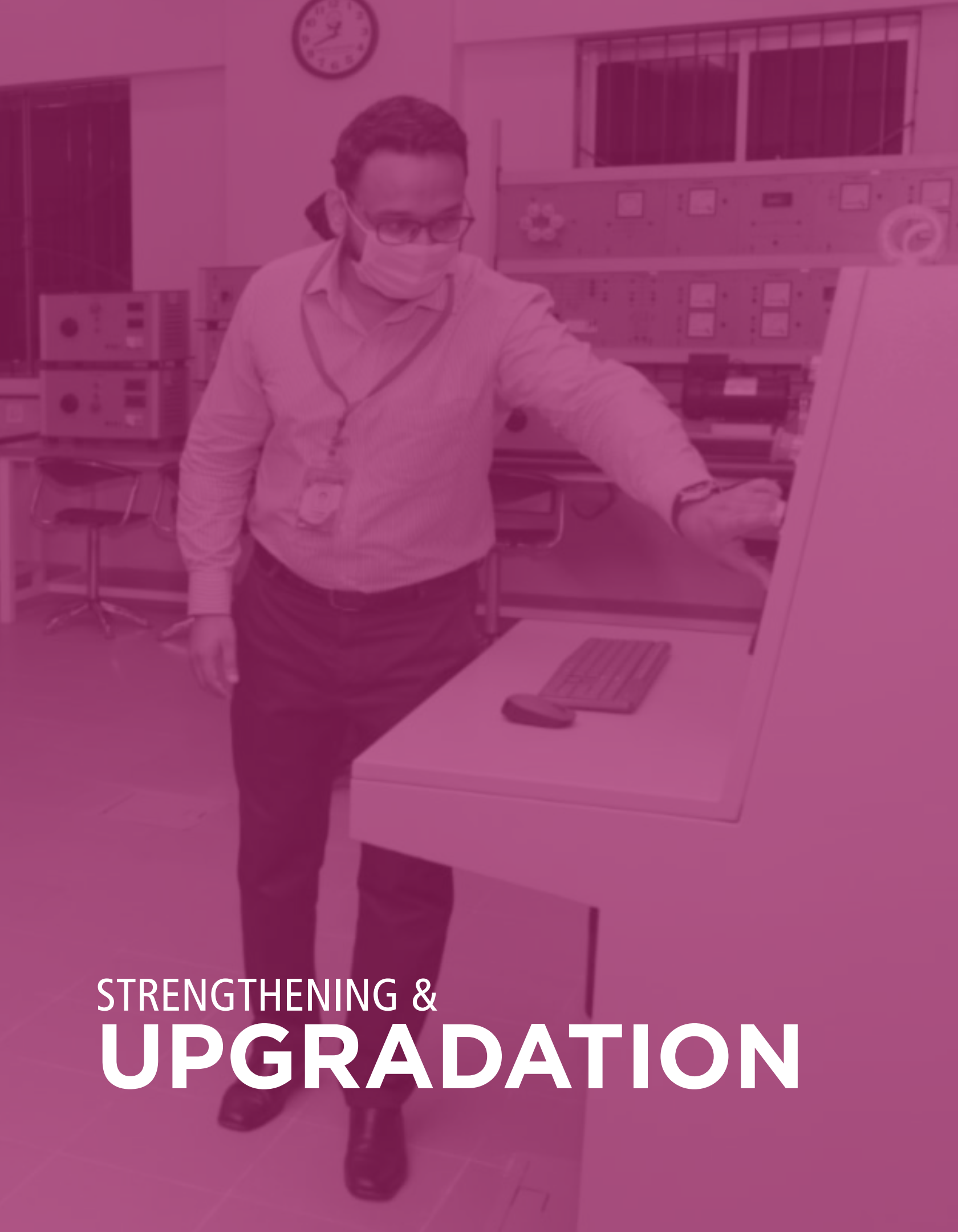






## Chapter 5

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STRENGTHENING &  
**UPGRADATION**

## Chapter 5

# STRENGTHENING & UPGRADATION

### Learning Management System

Learning Management System (LMS) is indigenously developed and integrated with Campus Management System (CMS) by IT directorate BUHO to facilitate the students, faculty, and administration. LMS has been deployed at all campuses (BUIC, BUKC, BULC, IPP and BUMDC) of Bahria University since spring 2020. LMS is platform to bridge the gaps of educational content sharing between faculty and students. The development and implementation of LMS has been done to align our educational standards with the national and international accreditation bodies. Faculty can upload contents like lectures, assignment, quizzes, course outline, course plan and other miscellaneous material using their own Faculty Portal. Students on the other end can access the uploaded material of their respective courses from their own Student profile. Students can submit their assignments/papers online on LMS and the same can be evaluated by their respective faculty members. The said software was used during Covid-19 situation extensively by all students and faculty. This LMS application also provides an executive panel for facilitating the campus management and executives to get summarized picture and further details related to course material uploaded by faculty members and students.

### Office Automation System

Office Automation System (OAS) is an in-house developed application by IT directorate BUHO. OAS is a web-based application to streamline its current business processes and to adopt the paperless environment with respect to Letters, Memorandums and Case Files. This system enables Bahria University to automate its document workflow to optimize and enhance the productivity of organization by reducing the paper and manual work. Monitoring service in OAS also helps out higher administration to look into the progress of their respective departments with respect to case files. The said application has been deployed in BU Head office initially, however, campuses are being equipped with the said system gradually in due course of time. Various trainings/workshops have been conducted by IT team and they are still engaged with the stakeholders for the successful and smooth transition to paperless environment.

### Digitization of Student Clearance Form

Student Clearance Form (part of digitization process) has been developed by IT Directorate BUHO and integrated with CMS (Student portal & Administrative Staff portal) to digitize the student clearance form process covering all steps. The said module is used by all students of BUIC, BUKC, BULC, IPP and students of semester-based programs of BUMDC for their clearance process.

The said module facilitated the students to apply for clearance online from anywhere using their student portal and view the status of their form at anytime from anywhere, in case of objection from any department, reasons/remarks are entered by the department which are being shown to respective student in his/her portal in order to resolve the issue with the concerned department. Also, the student would not required to visit Accounts office several times to get the status of their cheque, the student can view the cheque status online and once it is prepared, the student will be required to visit the campus for collection of clearance cheque.

### Implementation of Campus Management System at PNSL (PN School of Logistics)

CMS for PNSL has been developed and integrated with Exams Directorate BUHO system to facilitate the students, faculty, and administration of PNSL. All modules covering the complete academic lifecycle of students have been deployed that includes admissions process, enrollment# generation, courses roadmap, course registration, and examinations. Online training session through MS Teams was imparted on 01 July 2020 by IT Dte BUHO for PNSL users.

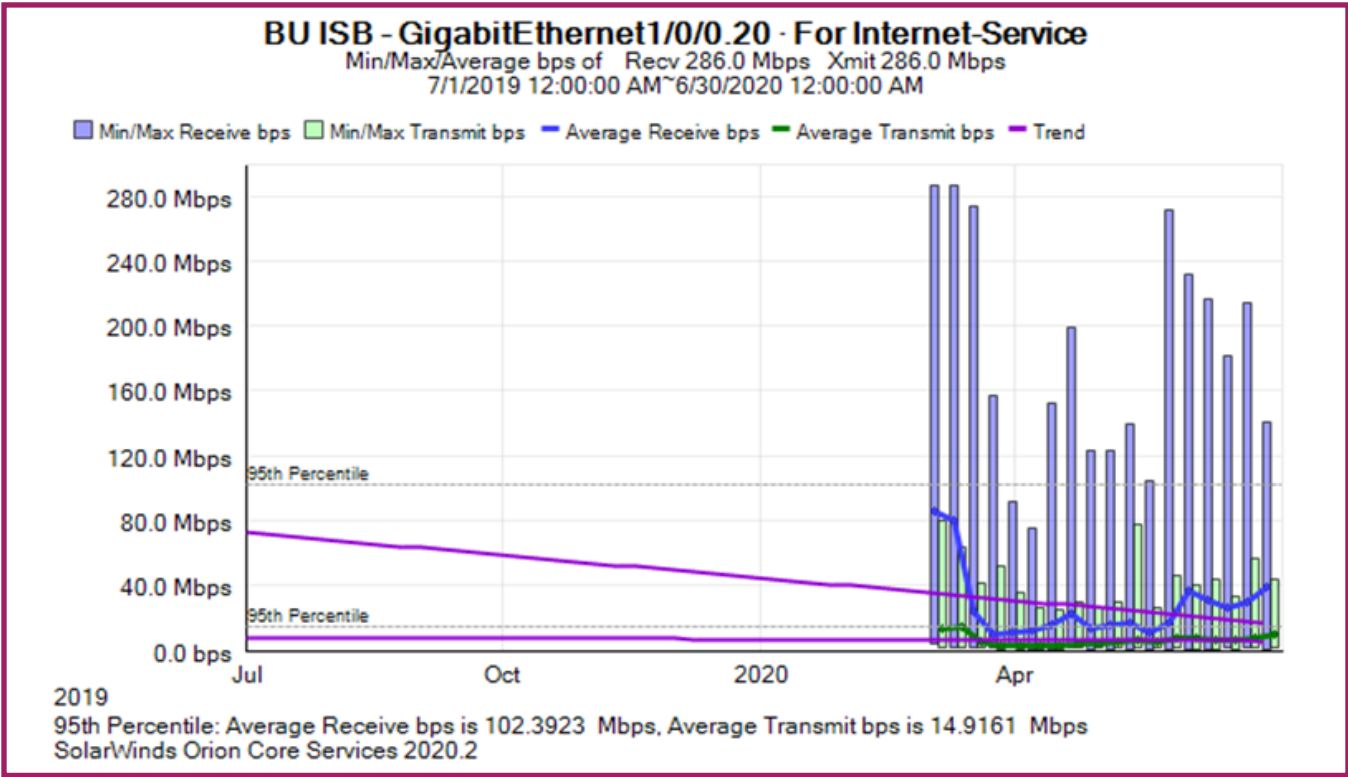
### Development of Campus Management System for Semester Based Programs of BUMDC

IT Directorate BUHO has developed and implemented the CMS exclusively for Semester based programs [DPT, MLT, M.Phil (Anatomy), M.Phil (Pathology), M.Phil (Pharmacology) programs] of BUMDC which covers the academic lifecycle of students starting from admissions process, enrollment# generation, courses roadmap, Course registration, attendance and examinations etc.

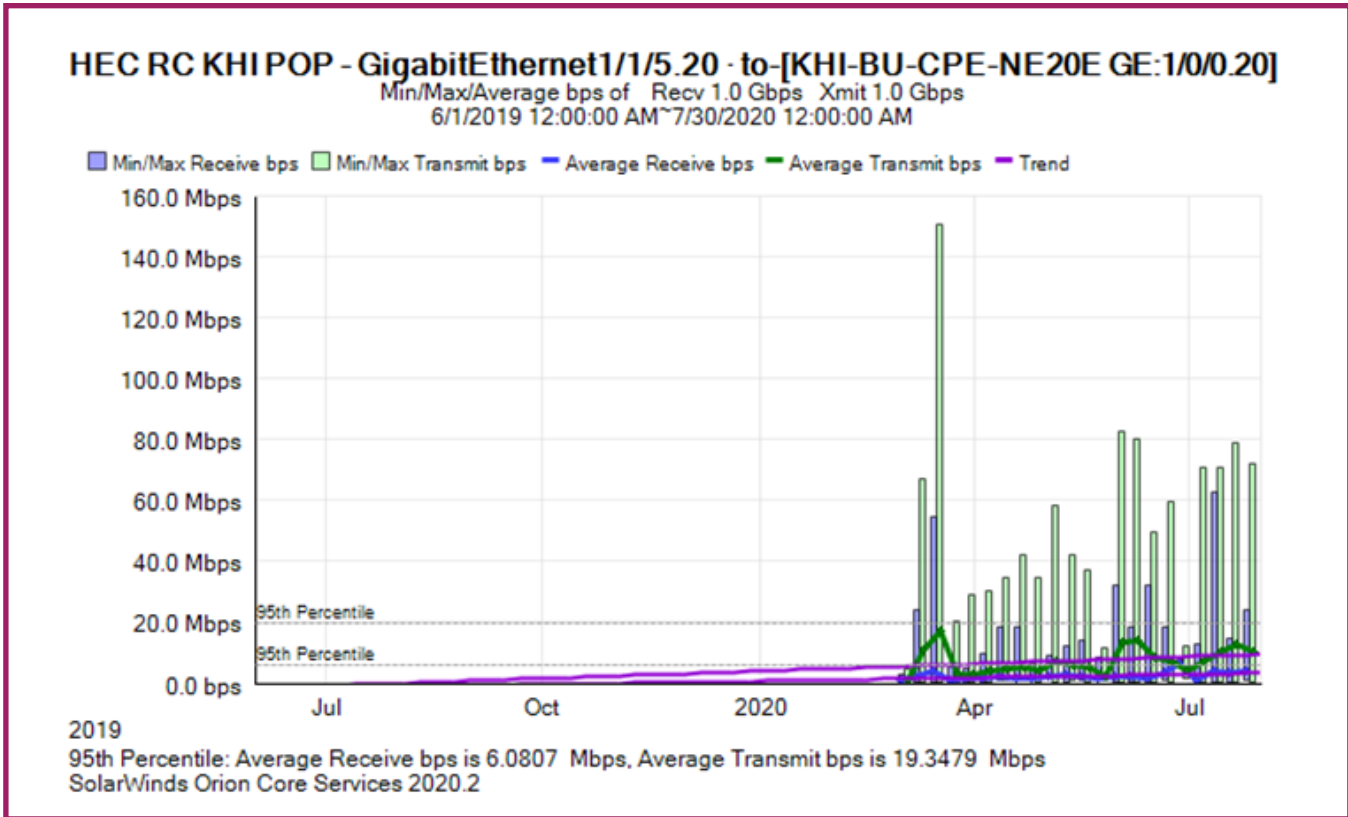


CMS application also provides an executive panel for facilitating the campus management and executives to get summarized picture and further details related to student admission, courses, attendance, fee and exam etc.

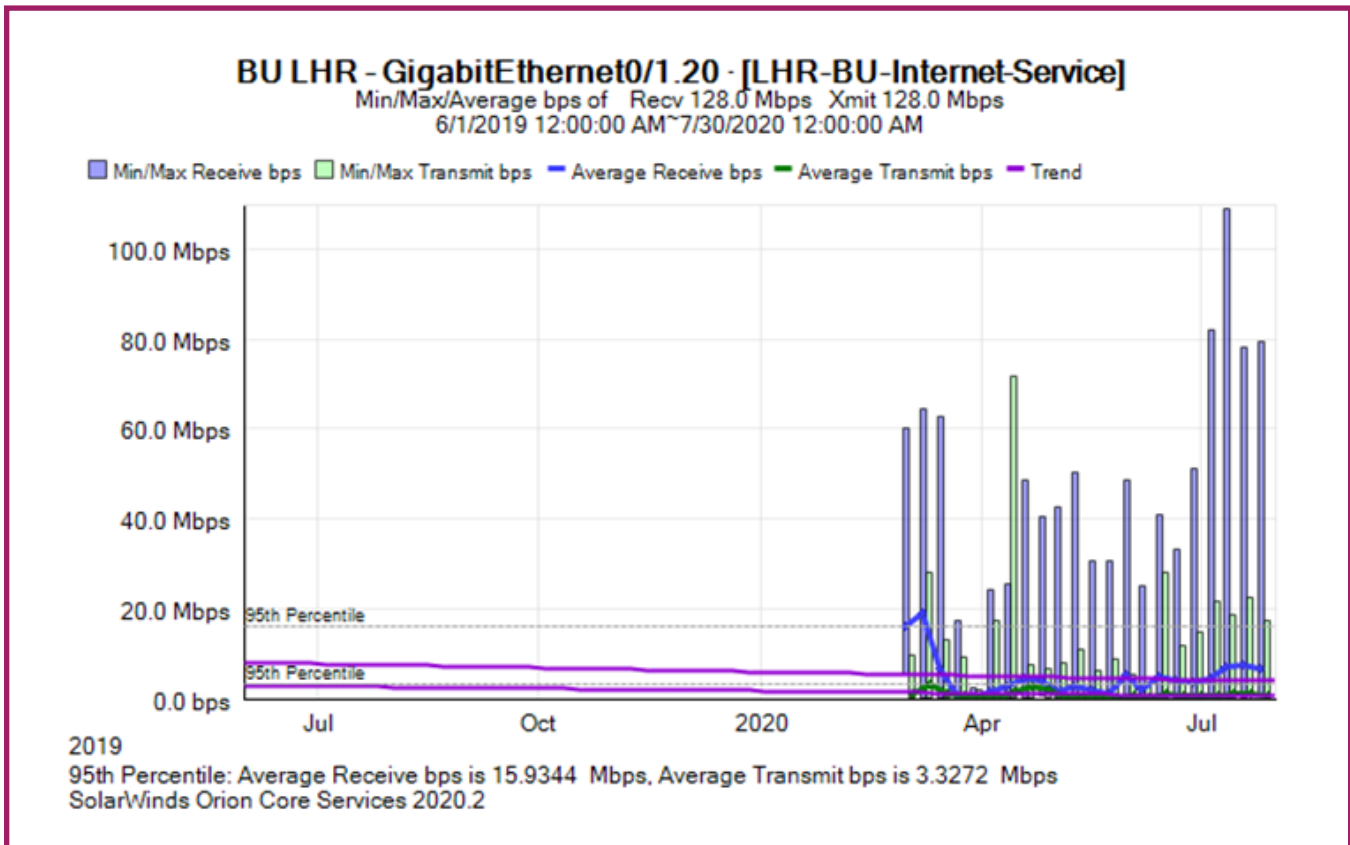
Bahria University Islamabad Campus PERN Usage Graph



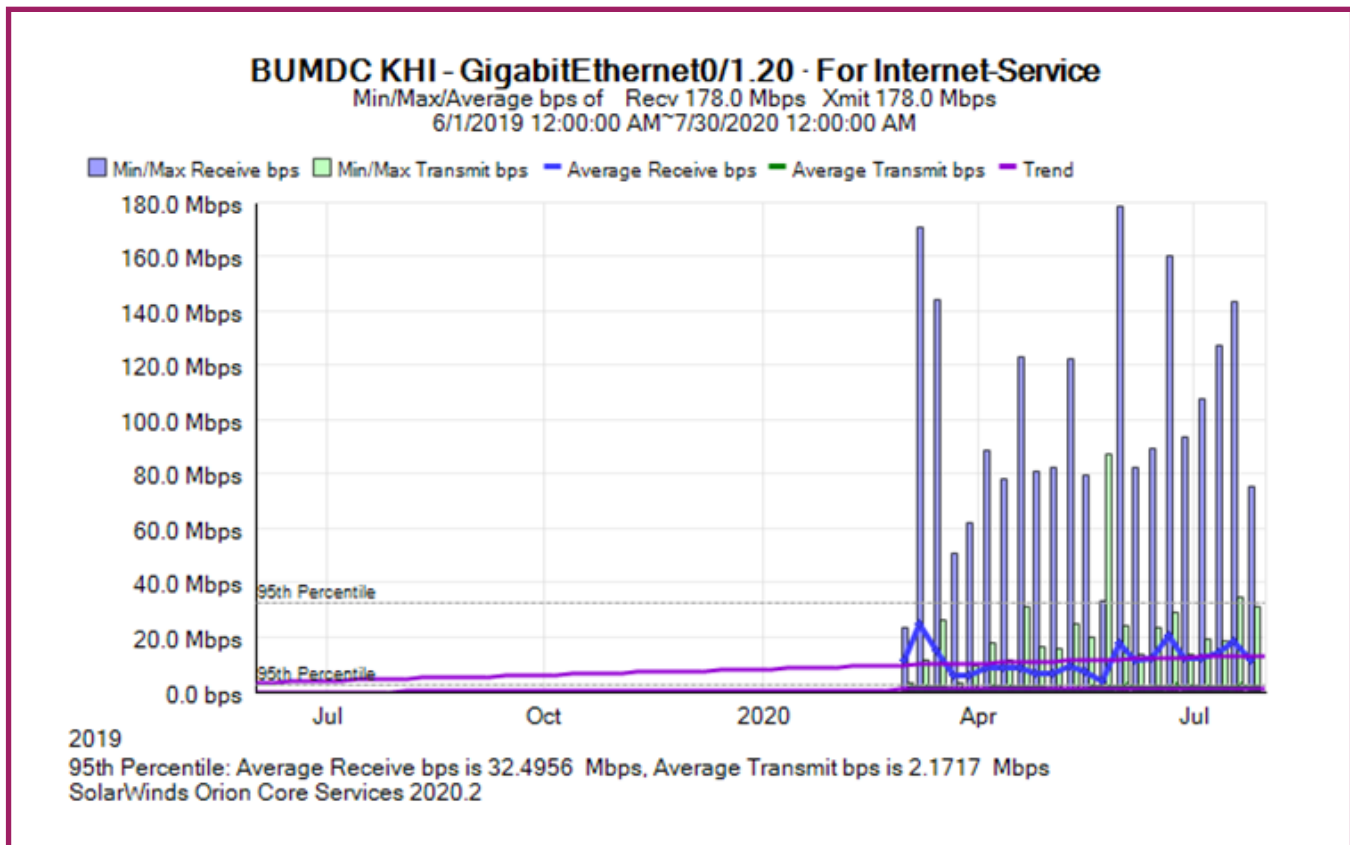
Bahria University Karachi Campus PERN Usage Graph



Bahria University Lahore Campus PERN Usage Graph



Bahria University Medical and Dental Collage PERN Usage Graph



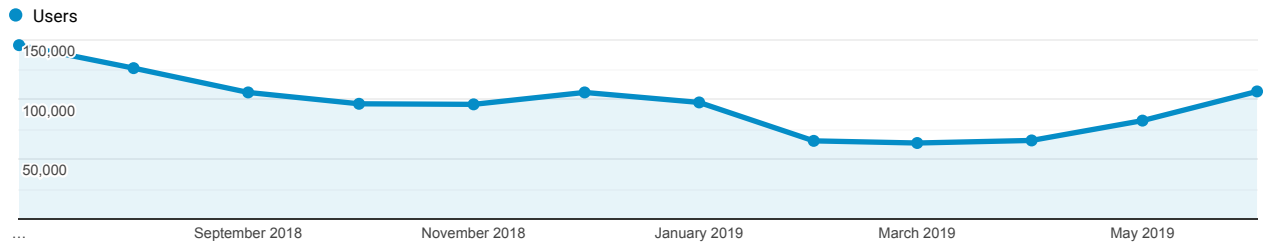
Analytics of Bahria University Official Website

Audience Overview

All Users  
100.00% Users

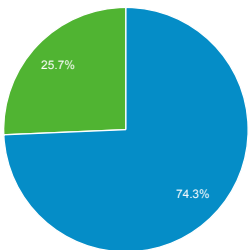
Jul 1, 2018 - Jun 30, 2019

Overview



<p>Users</p> <p>909,227</p>	<p>New Users</p> <p>878,391</p>	<p>Sessions</p> <p>2,271,976</p>
<p>Number of Sessions per User</p> <p>2.50</p>	<p>Pageviews</p> <p>7,191,086</p>	<p>Pages / Session</p> <p>3.17</p>
<p>Avg. Session Duration</p> <p>00:03:14</p>	<p>Bounce Rate</p> <p>45.80%</p>	

New Visitor Returning Visitor



Language	Users	% Users
1. en-us	682,039	74.68%
2. en-gb	190,411	20.85%
3. en-pk	19,882	2.18%
4. en	5,472	0.60%
5. en-au	3,403	0.37%
6. en-ca	2,599	0.28%
7. (not set)	2,479	0.27%
8. en-in	682	0.07%
9. zh-cn	617	0.07%
10. en-za	430	0.05%





## Chapter 6

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FACULTY

**DEVELOPMENT**

## Chapter 6

### FACULTY DEVELOPMENT

#### Visit of Dr Kevin McLaughlin at BULC

Dr Kevin McLaughlin visited Bahria University Lahore campus for a 2-days lecture sessions under faculty development program on preparation of manuscript for submission to high impact factor research journals. Kevin McLaughlin is an Emeritus Professor from Kent State University Ohio with more than 20 years' service to the journal publishing. He is also an Editor in Chief of a High Impact Factor research journal. Faculty appreciated the insight and valuable information shared from an editor's perspective.

#### Training on Projective Analysis"

Department of Professional Psychology organized a "3 Days Training Workshop on Projective Analysis" from 26- 28 July 19 by Dr. Urooj Sadiq and Dr. Qaiser Abbas. Dr. Urooj Sadiq, Head of Department, Department of Professional Psychology, Bahria University Lahore Campus conducted an interactive session on the introduction, administration, scoring and Interpretation of Thematic Apperception Test (TAT). Different activities and role plays were conducted to enhance the practical knowledge of TAT. Dr. Qaiser Abbas, Assistant Professor, Department of Psychology, Government College University, Faisalabad discussed one of the most widely used test, Rorschach Inkblot Test. The test was explained both theoretically and practically. Administration, scoring and interpretation were discussed with the help of interactive activities and role plays.

#### Faculty Development Program on Artificial Intelligence

Artificial Intelligence is an emerging field and the future of all technologies. Whether be it Medical Sciences or Engineering Science, Artificial Intelligence has changed the way the world perceives Information Technology and has made things possible that were considered impossible a few years ago. Leadership Development Center keeping in mind the learning outcomes of a workshop on Artificial Intelligence, in collaboration with the Department of Electrical Engineering organized an inter-department Faculty Development Program on "Artificial Intelligence" by Professor Ashiq Anjum, Professor of Distributed Systems, University of Derby, UK.

It was a five days' interactive workshop held from 28th September to 1st October 2019. It was attended by the faculty of Engineering Sciences; the program was organized for the faculty so as to demonstrate a proficiency of Statistical Data and implement the Data Science methodologies in solving the real-world problems.

#### Faculty Development Program on Research Methodologies





LDC and Department of Software Engineering, Bahria University Karachi Campus is conducting faculty training on “HOW TO SECURE RESEARCH FUNDING” by Dr. Hameedullah Kazi, Pro-Vice Chancellor, Engineering & Management Science, ISRA University Hyderabad on Monday 11th November 2019, at Lab-9, Second Floor, Sir Syed Block.

Leadership Development Center along with the Department of Software Engineering organized a Faculty Development Program on “How to Secure research funding” by Dr. Hameedullah Kazi, Pro-Vice Chancellor, Engineering & Management Science, ISRA University Hyderabad. The objective of this one-day interactive workshop was to make the faculty aware of the Research Methodologies being used in the industry.

#### Faculty Development Lecture on ‘PBUH as a Teacher & Concept of Knowledge’ by Dr Asim Habib



Leadership Development Center Islamabad design dialogue session for faculty aimed at their development. Dr Habib ur Rehman Asim a renowned professor disseminated a lecture on Prophet Hazrat Mohammad PBUH as a Teacher & Concept of Knowledge. He delivered many lectures on different religious and literary topics on various platform and TV broadcast.



#### Faculty Development Lecture on ‘Grooming the Youth’ by Mr. Zia ul Haq

Founder of ‘Exploring Islam’ and President ‘Youth Club’, Raja Zia ul Haq is a prominent lecturer from Islamabad, delivering regular talks and workshops on Islam, life and purpose. He delivered lecture to the faculty of Bahria University on grooming the youth for better teaching practices.

#### Faculty Development Lecture on ‘Integration of Ethical Values in Educational Programs’ by Dr Anis Ahmed

Leadership Development Centre enable the faculty to communicate and get benefit from the eminent professors for polishing their skills and knowledge



enhancement. Prof. Ahmad is a social scientist; he specializes in Islamic Studies and is meritorious Professor of Comparative Religion. He writes on contemporary topics such as; fundamentalism, secularism, contemporary juristic, environmental ethics, jihad, medical ethics, education, family, world religions, and Quranic studies. He delivered lecture on integration of ethical values in educational Program in Bahria University.

#### Faculty Invited as Guest Speaker in Pakistan Association For Dental Research (PADR) 6th Annual Dental Conference



### Participation of Dr. Beenish Alam At PADR

Dr. Beenish Fatima Alam, Assistant Prof and Head of Department of Oral Biology at BUMDC presented her research work in the 8th Oral Biology scientific session held on 5th October 2019. Her topic of presentation was “Role of Statherin and its role in Oral Environment”. Dr. Beenish discussed the role of Statherin in maintaining homeostasis of enamel along with different techniques employed for assessing binding of Statherin with Hydroxyapatite.

Dr. Tabassum Ahsan (Associate Professor/ HOD) and Dr. Mazia Jawaid (Senior Registrar) from the department of Orthodontics, represented Bahria University Medical and Dental College. They gave Lectures on “CASE BASED LEARNING- A self-motivated learning strategy for Orthodontics” and



“Assessment of the changes in Oral Health Related Quality of Life after 24 hours of insertion of Fixed Orthodontic Appliance Components” in the 4th Orthodontics Scientific Session held on Saturday 5th October 2019.

Various renowned Professors and Associate Professors also participated in the session and shared their knowledge on different interesting topics related to the field of Orthodontics. The session was attended by dentists, under-graduates and post-graduates from different dental colleges of Karachi.



### Dr. Muhammad Arqam Najmi Presented Research Paper at PADR

Dr. Muhammad Arqam Najmi, Senior Lecturer in the Department of Science of Dental Materials at BUMDC presented his research work in the scientific session 5 in 6th Annual Conference of Pak



Association for Dental Research held in October 2019. His topic of presentation was “Innovative Porous Ceramic Scaffolds using Novel Gas foaming technique” in which he discussed about regenerative potential of bone along with the successful use of stem cells. The conference was organized by Pak Association for Dental Research (IADR Pakistan Section) in collaboration with Dow University of Health Science, Karachi.

### Dr Kiran Participation in Poster Competition

3rd Educational Research Day was organized by Department of Educational Development (AKUH) in collaboration with Department of Continuing Professional Education at Aga Khan University Hospital Karachi on 20th December -2019. Dr Kiran Mehboob Bana from Dental section participated in this event. She presented poster about the educational innovational study conducted at Bahria University Medical and Dental College supervised by Dr Kulsoom Fatima Rizvi VP dental section and published in HEC recognized journal in 2019.

### Guest Lecture Presentation by Dr. Kulsoom Fatima Rizvi at Imamia Medics International Conference



Imamia Medics International (IMI) is a global medical professional organization that pledges to devote time and resources for helping underprivileged communities world-wide with acquisition to quality healthcare.

In pursuit of this, 10th International Conference by Imamia Medics International held a global submit analogous with its silver jubilee celebrations for the first time in Pakistan from 23rd – 25th December 19 at Pearl Continental Hotel Karachi and 28th–30th December 2019 at Serene Hotel Islamabad. The theme of the conference was “Pakistan –



Progress and Advancement through Knowledge, Integration, Science, Technology and Network”. Many renowned national and international delegates from around the world participated in the conference. Dr. Kulsoom Fatima Rizvi, Vice principal and H.O.D of Community Dentistry, Bahria University Medical and Dental College, was amongst the few honored to present their insights on the said theme as a guest speaker in the conference.

Dr. Kulsoom Fatima Rizvi, presented her lecture on the topic of “Oral Health and Millennium: Sustainable Development Goals”. Dr. Kulsoom focused on how Millennium & Substantial Goal Development (MGD & SGD) links oral and general health, and contributes to overcome the neglect of oral health. She further highlighted that MGD and SGD provide a conceptual framework for encouragement, funding and action undertaken to ensure healthy lives and health for all.

Dr. Kulsoom was awarded with a memoir souvenir as a token of gratitude and remembrance for her valuable participation in the conference.

### Guest Lecture Sessions Organized by The Faculty Guest Lecture on Forensic Dentistry

In an effort to educate our dental students about the benefits and uses of Forensic Dentistry, the department of Oral Biology, BUMDC invited Dr. Syed Jaffer Abbas Zaidi Asst. Professor Department of Oral Biology, DUHS as a Guest Speaker on 24th October 2019. The session was organized by the Head of the Department of Oral Biology, Dr. Beenish Fatima Alam.

Dr. Jaffer started the lecture with the basic concepts of Forensic Dentistry. He described about the bite marks, rugae patterns and other oral identification patterns, that can be used to identify the criminals and victims of mass destruction. He then proceeded to different cases in which Forensic Odontologists have played a vital role in victim and criminal identification.

The lecture was attended by Principal Dental Section Dr. Wahab Kadri, Vice Principal Dental Section Dr. Kulsoom Fatima Rizvi and other Senior faculty members.

### CDE Lecture on Treatment Planning of Edentulous Arches

The Department of Prosthodontics Bahria University Medical and Dental College conducted a CDE Guest Speaker Lecture on “Prosthodontic Man-



agement for Edentulous patients”. In collaboration with the DME department. The keynote speaker was Dr. Asma Naz, Associate Professor and HOD Department of Prosthodontic JMDC.

### Participation of Dr. Wahab Kadri in Aga Khan University Surgical Meeting

Injury due to Trauma can lead to significant morbidity and mortality if not managed timely. It is therefore imperative for health care workers to



equip themselves with the right knowledge and expertise required in the management of traumatic injuries.

Aga Khan University Hospital organized 5th Annual Surgical Conference on 14-16th February 2020 at Karachi with the aim to focus on a systematic approach for improving trauma care, training and research.

The title of the conference was “Trauma: Striving for Challenge” and it comprised of scientific programme, plenary sessions, panel discussions and pre- and post- conference workshops taking national and international experts on board.

Dr. Wahab Kadri, Principal Dental Section, Bahria University Medical and Dental College, was invited as a guest speaker in 5th Annual Surgical Conference on 15th February 2020. He presented



on “Principles of Management of Gunshot wounds” to highlight the holistic approach, one must take to improve the survival rate in gunshot patients while ensuring adequate wound management to avoid post-operative infections.

The presentation was widely appreciated among attendees and served as a great contribution to the theme of the event.

### Guest Lecture Session Organized by the Department of Oral Biology

In the current pandemic situation when the education is completely digitized; the department of oral biology invited Dr. Rizwan Ullah Awan, Assistant Professor Oral Biology, JSMU for an online session on ‘Salivary Diagnostics’ to first year BDS students. The lecture was attended by Dr. Wahab Bakhsh Qadri, Principal Dental Section, Dr. Kulsoom Fatima Rizvi, Vice Principal Dental Section and other faculty members.

Dr. Rizwan Ullah Awan giving the lecture to the students via Zoom App

### Human Learning and Implication of Khudi”

The Department of Medical Education in collaboration with the Chair of Iqbaliaat BUMDC organized one day workshop on: “HUMAN LEARNING AND IMPLICATION OF KHUDI” on 26th June 2019 from 10:00am -1:00-pm.

The workshop was facilitated by Dr. Muhammad



Abid Ali, Coordinator Iqbal Chair, Bahria University. The chief guest of this workshop was Rear Admiral (Retd) Imtiaz Ahmed Hilal e Imtiaz Military, Director General BUMDC. Principal & Dean Health Sciences, Principal Dental Section, VP Dental Section, VP BUCPT and around 60 faculty members from various multidisciplinary basic and clinical disciplines attended the workshop. The workshop was hosted by Ms Najmus Sahar Ilyas, Lecturer Islamic Studies (DPT), Coordinator of Iqbaliaat, BUMDC. The main objective of the workshop was to spread awareness about Iqbal's educational philosophy and his ideas on how human learns and how information is internalized. The ongoing process of learning and question answer session was carried out throughout the workshop. In the end, the event was concluded by vote of thanks by Dr Shafaq Sultana, Senior Lecturer, Department of Medical Education. In the end, Honorable Director General BUMDC, Rear Admiral (Retd) Imtiaz Ahmed Hilal e Imtiaz Military presented shield to our esteemed guest speaker.

**Selection of Master Trainer**



Dr. Mehreen Lateef and Ms. Shafaq Mehmood were selected in October 2019 from Bahria University Medical and Dental College as Master Trainer on Research Methodologies for SUNAR members by GOVT Planning and Commission Division of Govt. sponsored by UK aid for scaling up Nutrition (2019) in Dow University of Health Sciences.



**CMS/LMS Training for Faculty**

Bahria College of Physical Therapy arranged training on CMS and LMS system during mid spring session to train faculty to register courses online and to enter marks against the course. Online conduction of exam via Microsoft Team OSPE were also presented. Dr. Ghousia, Dr. Abida guided each faculty omit itand and solved the queries of each member as per instructions of Director IT.



**BUMDC Faculty Development Workshop Grid**

Trained and competent faculty is the pride of every institution. BUMDC places strong emphasis on the development of its faculty and staff members. A department of medical education has been established to look after the activities for this

purpose. 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 BUMDC. Furthermore, opportunities are being created for the faculty at BUMDC to attend trainings at foreign institutes. Details regarding the activities organized under the umbrella of Faculty Development at Bahria University are mentioned in the below

### BUMDC Faculty Development Workshop Grid



2019				
S No	Title	Date of Conduction	Participants	Facilitators
1.	Building capacity for Tobacco Cessation Counseling and Practice of Health Care Professionals: Skill-building workshop:	13 June 2019	All faculty members (Medical, Dental, DPT and MLT)	Dr Sobia Bilal, Certified Trainer for Tobacco Cessation, International Medical University, Malaysia.
2.	Workshop on “Human Learning and Implication of khudi”	26th June 2019	All MBBS, BDS, DPT and MLT faculty members	Dr. Muhammad Abid Ali, Coordinator Iqbal Chair, Bahria University
3.	“Role of Etiquette and First Impression as a First Step in the Success Story of an Individual”	18th July 2019	3rd, 4th and Final year MBBS 3rd and 4th year BDS	Dr. Sadia Javed Rajput MBBS, MRCPCH (UK) CEO, The British School of Etiquette Pakistan
4.	ONE DAY CME Lecture on “Interpretation and Diagnostic Importance of CBC”	25th July 2019	4th, final year MBBS, 3rd and 4th year BDS students.	Prof. Bushra Moiz, Professor & Consultant, Section of Hematology & Transfusion Medicine, Department of Pathology and Laboratory Medicine, Aga Khan University.
5.	Religious Lecture Series Hazrat Muhammad (PBUH) as an Ideal Teacher	29 July 2019	MBBS, BDS, DPT and MLT faculty members	Professor Sahibzada Sajid-ur-Rehman
6.	Religious Lecture Series Everlasting message by Allama Muhammad Iqbal	30 July 2019	MBBS, BDS, DPT and MLT faculty members	Dr. Habeeb-ur-Rehman Asim
7.	Religious Lecture Series Who is successful? In the light of a renowned scientist experience in the new era.	31 July 2019	MBBS, BDS, DPT and MLT faculty members	Dr. Inaam- ur- Rehman



2019				
S No	Title	Date of Conduction	Participants	Facilitators
8.	Religious Lecture Series Pakistani university teachers and their obligation/ contribution towards grooming of students as a successful personality in society.	01 August 2019	MBBS, BDS, DPT and MLT faculty members	Prof Dr. Tahir Hameed Tanoli
9.	One day CME lecture on “genetic testing	01 August 2019	3rd year MBBS and 2nd year BDS students	Dr Muhammad Israr Nasir Clinical Laboratory Geneticist, ErCLG(Mol. Genetics) , Ph.D (Genetics)
10.	Principles of Adult Learning and How to Write Learning Objectives	8th October VLC room 5th floor BUMDC	All newly inducted faculty members (Medical and Dental section) and batch 3 MPhil candidates	Faculty members of DME (BUMDC) 1.Dr. Talea Hoor 2.Dr. Shafaq Sultana 3. Dr.Kiran Bana 4. Dr Khadija Farrukh
11.	“How to Construct One-Best MCQs”	17th October VLC room 5th floor BUMDC	All newly inducted faculty members (Medical and Dental section) and batch 3 MPhil candidates	Faculty members of DME (BUMDC) 1.Dr. Talea Hoor 2.Dr. Shafaq Sultana 3. Dr.Kiran Bana 4. Dr Khadija Farrukh
12.	Pbl process	29 <sup>th</sup> October 2019	All newly Inducted Faculty Members (Medical and Dental section) and batch 3 MPhil candidates	Faculty members of DME (BUMDC) 1.Dr. Talea Hoor 2.Dr. Shafaq Sultana 3. Dr.Kiran Bana 4. Dr Khadija Farrukh
13.	Breast Cancer Awareness Program	31 <sup>st</sup> October 2019	All faculty members (MBBS,BDS,DPT,MLT and Mphil), Nursing faculty Members and Nursing Students, All students( MBBS,BDS, DPT,MLT and Mphil) and All Clinical faculty from PNS SHIFA hospital	Dr Ambreen Usmani Professor Anatomy & Vice Principal BUMDC Dr Naheed Sultan Professor and HOD of Surgery BUMDC Dr Farah Idrees Asst. Professor of surgery in Breast unit CHK & DUHS Dr Aamir Maqbool Head Oncology, Kiran Hospital Dr Hina Azfar Sr Registrar Surgery BUMDC

2020				
S No	Title	Date of Conduction	Participants	Facilitators
1.	Worskshop on Mentoring.	16 <sup>th</sup> January 2020	Newly inducted faculty members in medical and dental section.	Faculty members of DME (BUMDC) 1.Dr. Talea Hoor 2.Dr. Shafaq Sultana 3.Dr. Khadija Farrukh 4. Dr.Kiran Bana
2.	Workshop on fundamentals of qualitative and quantitative research with special reference to clinical nutrition	3th February 2020	The workshop is mandatory for all Batch 2 and Batch 3 MPhil candidates. It is highly recommended for faculty members who are involved in Postgraduate Studies	1. Dr. M. Bilal Siddiqui Maternal and Child Health Epidemiologist 2.Ms. Sidra Mashkoor Nutritionist DUHS 3. Dr. Mehreen Lateef Head MDRL BUMDC 4. Ms. Shafaq Mahmood Biochemist BUMDC
3.	Workshop on First Response Initiative of Pakistan (FRIP) for final year MBBS	6 <sup>th</sup> February 2020	Final year MBBS	FRIP Students Team
4.	Workshop on First Response Initiative of Pakistan (FRIP)	11 <sup>th</sup> February 2020	Final year MBBS	FRIP Students team
5.	Principles of Adult Learning and How to Write Learning Objectives	17 <sup>th</sup> February 2020	All faculty members from Medical and Dental Section (mandatory for newly inducted faculty members Medical and Dental section and mphil students)	1.Dr. Talea Hoor 2.Dr. Khadija Farrukh 3.Dr. Ambreen Surti 4. Dr.Kiran Bana
6.	PBL Process	14 <sup>th</sup> March 2020	All faculty members from Medical and Dental Section mandatory for newly inducted faculty members Medical and Dental section	Faculty members of DME (BUMDC) 1.Dr. Talea Hoor 2.Dr. Khadija Farrukh 3.Dr. Ambreen Surti 4. Dr.Kiran Bana



Chapter 7

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# ACCESS



## Chapter 7

### ACCESS

Bahria University since its inception, aims to provide equal opportunities to all students in attaining their goals/targets regardless of their financial positions. The mission of Student Affairs Directorate is to reach out to the students, include them in the sense of belongingness to the community and facilitate them in making sound social and academic judgment.

#### Scholarships

Scholarships are available to students whose resources are determined to be insufficient to pay for the tuition fee and other expenses associated with education. Campuses and Central Scholarship Committees determines the level and composition of financial assistance to be provided to eligible students based on family income and wealth considerations. During Fiscal Year 2019-20, an amount of Rs. 158 Million has been disbursed among eligible and deserving students under scholarship head. Sources of these scholarship includes Bahria University's dedicated budget and external organizations i.e. Higher Education Commission, Punjab Education Endowment Funds National ICT R & D etc. BU has also managed to disburse an amount of Rs. 5.02 million distributed under Student Study Loan for newly inducted students.

At the time of induction BU offers multiple Advance Merit Scholarship facilitations for the new entrants i.e. "Advance Merit Scholarship for Board Toppers", for new entrants based on entry test results, "for outstanding performance in CIE's system", "Exemption of Admission fee for BU Alumni (PG Program MBA/MS/MPhil/PhD)" and 50% Tuition Fee Waiver for high academic achievers in MBA/MS/MPhil & PhD Programs".

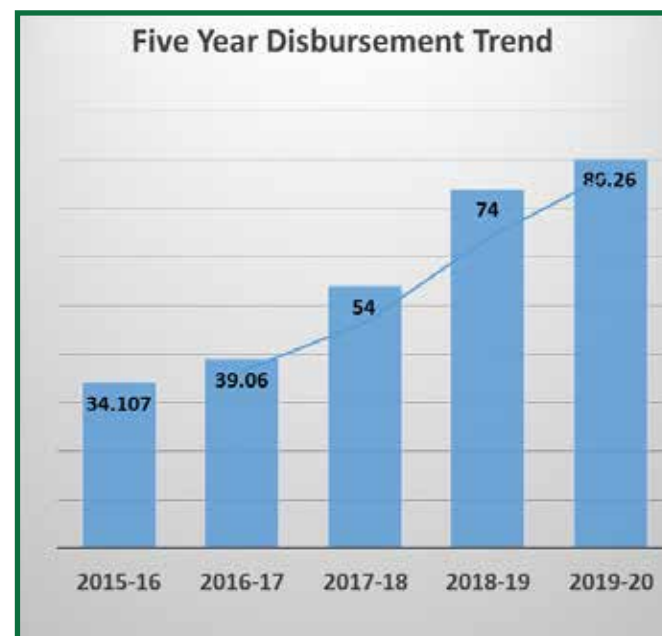
University also offers various scholarships under need and merit-based categories i.e. Financial Assistance, Qarz e Hasna and Merit Scholarship for batch toppers.

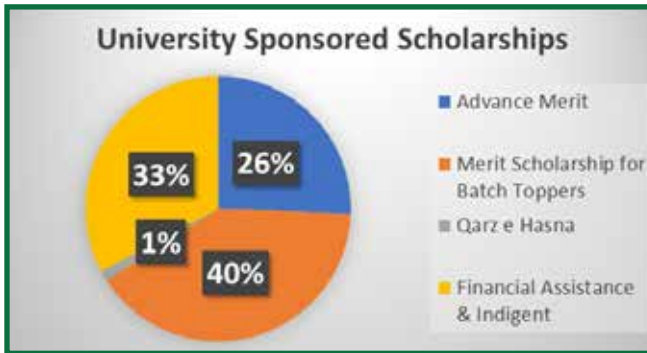
A fully funded sponsorship program has also been designed for financially constrained students under the name of "BU Sponsor A Student" scheme.

#### University Sponsored Scholarship

S.No	Scholarship Program	No of Scholarships	Amount in Million (Rs)
1	Advance Merit Scholarship	701	20.54
2	Merit Scholarship	794	32.37
3	Financial Assistance Scholarship	42	0.87
4	Indigent Scholarship	04	0.12
5	BU Qarz e Hasna	679	26.36
		<b>2,220</b>	<b>80.26</b>

#### Expenditure on Scholarships from University Resources (Rs. in Million)

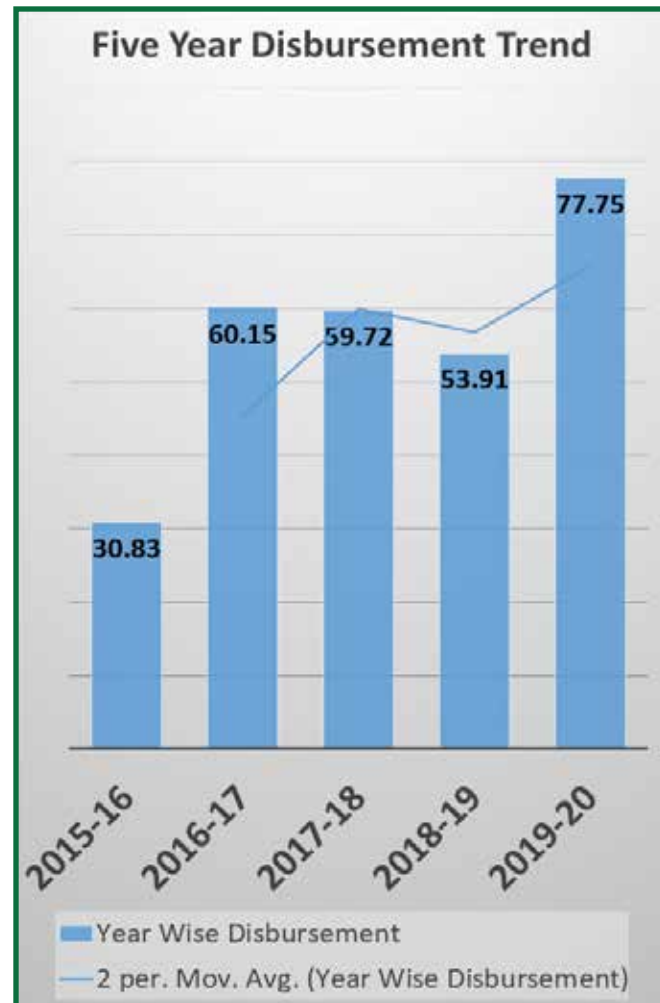




### Externally Sponsored Scholarships

S. No	Scholarship Program	No of Scholarships	Amount in Million (Rs)
1	HEC Need Based	171	19.43
2	Punjab Education Endowment Fund (PEEF)	85	5.33
3	HEC-Provision of Higher Education opportunities for the students of Baluchistan & FATA	12	1.44
4	HEC Ehsaas Undergraduate Scholarship	176	35.148
5	Workers Welfare Boards	20	10.47
6	HEC Indigenous 5000 Fellowship Program	09	3.39
7	Frontier Education Foundation Scholarship for KPK	12	1.2
8	International Committee of Red Cross	18	0.95
Grand Total		506	77.75

### Merit Scholarship for BUMDC (Karachi)



	MBBS		BDS	
	Number	Amount (Million)	Number	Amount (Million)
	13	0.95	06	0.53
Grand Total for FY 2019-20	19		1.48	

## Chapter 8

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IQBAL BLOCK





UNIVERSITY BUILDING  
**ECONOMIES**

## Chapter 8

# UNIVERSITY BUILDING ECONOMIES

In today's knowledge based economy, the role that universities play is fundamentally transforming. Many public research universities are now recognized as economic engines that drive their state's innovation. At Bahria University, we not only embrace this evolution but also seek to accelerate it as a catalyst to a better economy. While a healthy economic environment is essential, a place where we can truly thrive is really about people. For us to live and work here, we must be able to find opportunity here. By cultivating and retaining a highly educated workforce supported by universities collaborating with public and private partners, we can optimize our ability to provide our scholars, scientists, communities and entrepreneurs a place to thrive in our country.

Internships & Placement Office has been established in all campuses of Bahria University in order to further strengthen and to provide more facilitation for our students and graduates. This facilitation has been further extended in all campuses in coordination with Career Services Coordinator at departmental level to have smooth connection with all students. Internships & Placement Office provides internship/job opportunities to students/ graduates to gain valuable applied experience and make connections in professional fields they are considering for career paths and give employers the opportunity to guide and evaluate talent.

Internships & Placement Office bridge gap between academia and industry by bringing employers and student's together, facilitating opportunities that provide students with valuable industrial experience and introduce employers to an enthusiastic, intelligent, and flexible workforce. Through placement office students are working on real industrial projects which helps them in their professional development and also securing placements in job market once they are graduated. Bahria University give students the opportunity to gain skills specific to their subject or industry of choice as well as the employability skills required for real-life work. Placement Office is also working as brand ambassador for the university by representing and talking positive about university and students/graduates who are the end product

of the university with the organizations/industry.

Throughout the year, Internships & Placement Office organizes various activities such as

- Conducting Career Expos
- On-Campus Interviews/Recruitment Drives
- Off- Campus Drives
- Recruitment Sessions/Guest Lecture Sessions
- Summer Internship Programs
- Regular Internship Programs
- Graduate Profiles in Fall & Spring Sessions
- Corporate Linkages
- Providing Internship letters to students/ graduates

### Education Expo at Expo Centre, Karachi

BU organized its stall at Education Expo held at Expo Centre Karachi. Students from all over Karachi visited the stall of BUMDC and BC and showed great interest in admissions due to excellent facilities, affordable fee structure and diversified departments and programs.

The Expo also provides the corporate organizations an opportunity to interview a large number of students from Graduate and Post Graduate programs in a variety of disciplines including medical and health sciences.





### Career Fair 2019

Bahria University Lahore Campus conducted its first Career Fair on 9th October 2019. Around Ten companies setup their stalls at the event including several noteworthy names such as Ebryx Ltd, ABN Overseas, Pixidir, Tech Implement, Carhelp Line, H-Tech, Shahi-sawari, Sendoso Ltd, FFC- Training, Apna Bank, Ad Maxim, EFU, Keep Truckin, Siemens, NBP, Pak Fill Technologies, Brain plow, Path seed consultants, Plan 9 and others.



The career fair was targeted at the students and alumina of all these programs. Speaking at the occasion, Commodore (R) Shahid Azmat Wain SI(M), Director Bahria University Lahore Campus reiterated his resolve of providing meaningful career opportunities to students besides fulfilling their requirements of academic pursuits. This fair was an excellent platform to showcase the quality and talent of Bahria's graduates. A major attraction at the event was the stall set up by the Psychology department. It carried out psychometric testing and provided immediate results. The stall was equally popular between both students and the HR managers of the employers. The career fair was widely attended by both current students and alumni. They were optimistic that the initial interactions they have had at the fair with the employers will translate into placement opportunities for them.

### Recruitment Drives Sessions

#### Shell Tameer Workshop

Shell Tameer is a flagship social investment initiative of Shell, envisioned to strengthen local economy by promoting entrepreneurship, innovation and meaningful employment across Pakistan. Shell Tameer collaborated with Internship & Placement Office for a day-long workshop





“Become a Successful Owner Manager” for young entrepreneurs to help them enhance their capacity on the subjects of “Business Legitimacy” and “Social Media Marketing”. Workshop was conducted on 2<sup>nd</sup> October 2019 at BUIC. Students from Business studies participated in workshop. In the end of the session certificates were distributed among the participants.

### MOL Female Engineer Scholarship Program

Internship and Placement Office has organized MOL session about “Female Engineers MOL Programme”. MOL Pakistan is subsidiary of MOL Group, which is an integrated, international oil and gas company, headquartered in Budapest, Hungary. This scholarship programme designed for female students who are pursuing undergraduate degrees in the fields of Geoscience, Petroleum Engineering, Chemistry, Petchem and other fields of STEM (Science, Technology, Engineering and Mathematics) studies. As part of its commitment towards empowering young women to become future leaders in the Oil & Gas industry, MOL Group has launched its campaign in Pakistan to reach out to future female leaders of the country. This session was organized on 1st October 2019 and majority female students participated in the session.



### CarFirst Recruitment Drive

CarFirst conducted a recruitment drive for Management Training Program Purchase on 30th October 2019 at BUIC. Purchase Teams are responsible for managing the direct purchases to consumers as soon as they walk in the center, negotiate the price and convert the lead into a purchase. It is also one of their duties to ensure that the operations at a purchase center are managed smoothly and monthly purchase targets are achieved. Business graduates participated in the recruitment drive. They conducted 30 minutes written test. Shortlisted candidates will be called for interviews in CarFirst office.



### Pakistan Tobacco Company Campus Drive for Global Battle of Minds

Pakistan Tobacco Company organized “Campus Drive for Global Battle of Minds” competition in collaboration with Internship & Placement Office on 16th October 2019 in BUIC. In the session PTC thoroughly introduce the students about this competition and explained them about the areas for the preparation of business plans and industrial solutions. In case of students winner of the competition will get chance for World Class Internship and final year student will win an exclusive chance to be recruited by PTC as a Global



Graduate (Management Trainee). Bahria University students participated in the session were they are passionate to win the competition.

#### **Pakistan Mercantile Exchange Session:**

Bahria University Placement Office has organized Pakistan Mercantile Exchange session on 18<sup>th</sup> November 2019 in BUIC. Mr. Irfan manager, Mercantile Exchange created awareness among students about future trading amongst the next generation of business leaders in Pakistan, enabling them to invest, trade and hedge at its regulated platform. Pakistan Mercantile Exchange Limited (PMEX) is the country's first and only multi-commodity futures exchange committed to developing a vibrant commodity futures market in Pakistan.



#### **PTCL Session on Evolution of Telecom Sector**

PTCL has conducted session on "Evolution of Telecom Sector" on 14<sup>th</sup> November 2019 in coordination Internships & Placement Office BUIC. PTCL Senior Manager Finance, Mr. Nasir Mehmood Malik has given the presentation. Mr. Nasir Mahmood Malik is an MBA in Leadership and Management from LUMS and Accounting Certified skilled professional having 17 years of professional experience in accounting, management reporting, planning and budgeting, treasury, project appraisals, information management, risk management, IFRS, systems and procedure development, risk management etc. Session was valuable for students as they got to know more about PTCL.



#### **Arbisoft On-Campus Recruitment Drive:**

At Bahria University Islamabad Campus Internships and Placement Office arranged On Campus Recruitment Drive Session of ARBISOFT for BSE, BSCS & BCE students/graduates on 17<sup>th</sup> December 2019. This organization build and refine technologies that improve lives while developing great relationships along the way. They take pride in strong capability for designing and engineering robust software using mobile, web and cloud technologies. They have built highly successful partnerships with some of the leading technology businesses of the world. In addition to conceptualizing and developing innovative software systems, which is their core expertise, Arbisoft also offers software quality assurance services, web data scraping and data analysis services.



#### **Zameen.com On-Campus Recruitment Drive**

Zameen.com conducted a Recruitment Drive'20 on 30<sup>th</sup> January 2020 at Bahria University Islamabad Campus in coordination with Internships & Placement Office. The session began with a brief orientation of the company's team. The recruitment drive was designed for the interviews of the ambitious and passionate students/graduates for multiple positions. It will provide the students/graduates with a huge platform to learn, improve themselves and further climb the ladder in their careers. They would be given the opportunity to work under the professional Team.

#### **Ideas by Gul Ahmed On-Campus Recruitment Drive**

Ideas by Gul Ahmed conducted a Recruitment Drive in coordination with Internships & Placement Office of Bahria University on 18<sup>th</sup> February 2020 for its Management Trainee Program 2020 at Bahria University Islamabad Campus. The MT



program is designed for ambitious and career-oriented students with a passion for marketing and determination to grow. It will provide trainees with the opportunity to learn from industry professionals and benefit from formal training programs. Trainees will work on different projects and would also get to travel to different outlets in other cities to get a broader vision of today's market, followed by regular evaluations and feedback, which will prepare them for managerial positions. This session was followed by on spot interviews by the company's team in which the graduates of Business Studies took part actively.



### Abudawood Group On-Campus Recruitment Drive

Abudawood Group conducted a Recruitment Drive'20 on 20<sup>th</sup> February 2020 at Bahria University Islamabad Campus. The orientation session began with an introduction of the company. The recruitment drive was designed to determine passionate students for Sales & Supply Chain. It will provide the students with a tremendous platform to prove their talent in the said field and also give them ample opportunities to further grow in their career. Regular feedback and evaluations by the professionals would be given which will help them to learn from industry specialists and further improve themselves.



### Alachisoft On-Campus Recruitment Drive

Alachisoft conducted a Recruitment Drive'20 on 26<sup>th</sup> February 2020 at Bahria University Islamabad Campus for the graduating students BSCS/BSIT/BCE/BSE.

A written test was taken in the recruitment drive of the students present in the session. It is a platform which will provide the students with a vast range of opportunities. Along with that they will get a chance to work on different projects which would provide them with a wide range of knowledge and help them to exceed in their career.

### AIIESEC On-Campus Recruitment Drive

AIIESEC conducted an information session on 28<sup>th</sup> February 2020 of summer and winter internship exchange program at BUIC. The session began with the introduction of AIIESEC. Students were provided with all the knowledge they need to know about the internship program. Their Global Internship helps the students to build their career and get number of other benefits. They get a chance to work with different people from different countries which help them to learn how to work in diversity and develop a Global Mindset. This will play a vital role in the success of their career.

### Faysal Bank On-Campus Recruitment Drive

Faysal Bank conducted a Management Trainee Programme Recruitment Drive'20 on 11<sup>th</sup> March 2020 at Bahria University Islamabad Campus. The session began with a brief orientation of the bank. Afterwards written test and interview was taken from students. Business Studies and Management Sciences students participated in Recruitment Drive.





### South Asia port terminal (SAPT).

Manager SSC and Placement officer, Student Support Centre BUKC visited South Asia Port Terminal on 28<sup>th</sup> October 2019. The objective of the meeting was the future collaboration with SSC department Bahria University Karachi Campus (BUKC) and South Asia Port Terminal. Requirement of student of Maritime for Job Placements was discussed in the meeting. Job vacancy for Supply chain, Engineering and Transportation and logistics students. Constructive feedback and suggestion of new courses to inject in academics for students to support and fulfil employer's expectations was discussed during the meeting.



### Recruitment Drive Burger Paints

Recruitment drive was conducted by representative of Burger Paints on 15 November 2019 in Fatimah Jinnah Auditorium in which 26 students appeared for written test. Mr Nisar Alam and Mr Abdul Jabbar Malik conducted the recruitment test for the students of Bahria University Karachi Campus.



### Carfirst Recruitment Drive

In collaboration with the Student Support Center (SSC BUKC), CarFirst conducted their recruitment drive on 25 October, 2019, at Fatima Jinnah Hall. The HR Generalist, Ms. Aqsa Marvi conducted the drive along with CarFirst Business Development Manager. Forty five current and graduated student attended the drive. CarFirst conducted a recruitment test on campus. The Company also shared the list of selected candidates.

### Recruitment Drive ISOL Technologies Pvt Ltd

Student Support Center Invited ISOL Technology PVT Ltd to conduct a Company Introductory session and recruitment drive for Bahria University Karachi Campus. The event aimed to provide relevant opportunities for job and internship placement in the esteemed organization. These kinds of session gave the student a practical experience about how to present themselves while doing job hunting after graduation and enhance their skills subsequently.

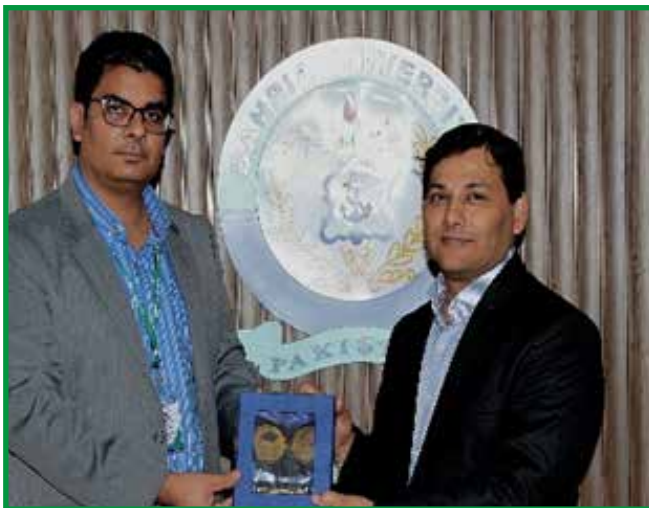




### Engitech Services Pakistan

Student Support Center Bahria University Karachi Campus organized a session for students of Computer Sciences, Software Engineering and Computer Engineering on 21 November 2019 at Fatimah Jinnah Hall. The session was delivered by Mr Qazi Nauman Mujahid. The speaker informed the students about the introduction of Mobile App “Health Solutions” developed by Engitech Services (Pvt.) Ltd in which he described in detail how this application support general public to deliver blood, ambulance service and other basic health facilities.

The speaker also gave some healthy tips to the students regarding CV writing, enhancing entrepreneurial skills and job hunting techniques which helped students to understand and build future vision and goals.



### ENGRO Corporation

Student Support Center Bahria University Karachi Campus, organized a meeting with the HR Advisor Mr Rizwan Ali Engro Corporation. The aim of the meeting was to create a strong industrial linkage between Engro Corporation and Bahria University Karachi Campus. The agenda of the meeting is mentioned below:

- Job/Internship Opportunities
- Guest Speaker Sessions
- Brand Promotion and Activations
- Industrial Visit
- Enlistment of HR Advisor for BUKC, Corporate Advisory Committee

### Meeting with Rozee.pk

Students Support Centre in collaboration with Mr Rizwan, HoD Computer Engineering organized a meeting with senior management of Rozee.pk. The officials discussed current job placement activities and job opportunities placed for BUKC Students. The process of decimating job Ads Placement and procedures. Current alumni coordination and their data management process. An online portal where more than 120+ national and international companies share a platform to post daily job Ads which could be availed by Bahria University students. Provide an online platform to gather Alumni Job placement Data which will be integrated with students registration and LinkedIn Profiles to extract the latest updates. Provide Guest speakers session including CV writing, self-grooming and career consultancy etc.





## Meeting with Shan Foods Pvt. Ltd

### BU- Alumni Affairs



Bahria University values and nurtures its students not just when they are enrolled in the institution but also after they step out of its gates. To facilitate the graduates in that regard, Student Affairs Directorate has established an Alumni network to foster the mission and purpose of the University and to improve communication among alumni & students in the achievement of their professional goals. Dedicated staff has been hired in all campuses for better linkages & communication with our Alumni. Different events, academic and non-academic both are arranged in coordination with interested Alumni so as to make them part of BU team. Alumni working at top

notch organizations at holding leading positions are also invited in university for guest lecture & TV Program with the name 'Back to Bahria' so that they can share their journey and success stories with us. Bahria University Alumni Association (BUAA) is also established for welfare of the Bahria University Alumni. Following type of activities are being conducted through Alumni:

- Training/Guest Speaker Lectures by well-established Alumni
- Playing key role of Corporate Advisory Body to improve BU industrial inside to inline BU curriculum as per market demand.
- Supporting BU extra-curricular activities including CSP activities, Sports events, etc.
- Annual Homecomings & other interactive events social networking

### Composition of 5<sup>th</sup> BUAA Islamabad Campus

First executive committee for BUAA was formed in 2008, and till date, there has been five Executive Committees. Bahria University Alumni Association's 5<sup>th</sup> Executive Committee was composed on June 2019 through extensive selection process. Brief introduction is given below.

Sr	Names	Titles	Degree	Brief Profile
1	Adeel Sheikh	President	BBA (2000) MBA (2001)	Joint Director Ministry IT and Telecom
2	Syed Abdul Rahman Zafar	Senior Vice President	BCE (2003-2007) MS T&N (2009-2011)	Deputy Director Election Commission of Pakistan
3	Shiraz Manzoor	Vice President	BBA (2008-2012) MBA (2013-2014)	Marketing Director Pak Associates
4	Hussain Khalid	Vice President (International Chapter – Australia)	BBA (2012-2016)	Senior Project Lead Google (Sydney)
5	Tahir Naveed	Vice President (International Chapter – US)	BSE (2000-2004)	Sr. Premier Field Engineer , Microsoft Corporation
6	Fahad Sultan	Vice President (International Chapter – UAE)	BEE (2005-2009)	Senior Engineer LTE/VoLTE Mobile Access Planning Etisalat UAE
7	Hya Khawar	General Secretary	BBA (2001-2005), MBA (2005-2006)	Assistant Public Relations Officer MOL Pakistan



Sr	Names	Titles	Degree	Brief Profile
8	Jawad Ahmed	Manager Fund Raising	BET (2007-2011)	Project Manager Unitec Engineer and Solution PVT LTD
9	Abid Gul Qazi	Manager Events & Public Relations	MBA (2009-2013) MBA (2014-2015)	Executive Digital Marketing and Public Relations National Incubation Center
10	Maham Aijaz	Manager Marketing	BBA (2014-2014) MBA (2018-2019)	Social Blogger
11	Ahmed Junaid	Advisor Social Media	MBA (2008-2011)	Assistant Marketing Manager LMKR
12	Amal Khan	Advisor Marketing	BBA (2006-2010) MBA (2011-2012)	Corporate Consultant
13	Hannan Saad Tariq	Advisor Capacity Building	BBA (2006-2010) MBA (2011-2012)	Management Consultant Firm
14	Ahad Nazir	Advisor Policy & Strategy	MSPM (2013-2014)	Project Coordinator Sustainable Development Policy Institute
15	Bilal Abbasi	Advisor ICT	BCS (2000-2003) MCS (2003-2004)	Director IT Ministry of Information Technology
16	Shoaib Nadir	Advisor Fund Raising	BBA (2008-2012) MBA (2014-2015)	Credit and Marketing Officer Orix Leasing Pakistan Limited
17	Mansoor Alam	Manager Strategic Planning	BCE (2004-2008)	Lead Data Scientist IBM

### BUTV Alumni Recording

Directorate of Student Affairs in collaboration with Media House has been holding a program/interviews which is based on named "Back to Bahria" through which multiple testimonial has been taken indicating successful life/career stories of BU Alumni recordings in (BUTV). With the same intent these few more shows were recorded. This is regular activity and every week new program is being recorded.









## Chapter 9

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UNIVERSITY BUILDING COMMUNITIES

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**COMMUNITIES**

## Chapter 9

# UNIVERSITY BUILDING COMMUNITIES

### Prevention and Early Detection of Drug use Among Youth

Professional Psychology Department BUIIC organized a two days' workshop on "Prevention and Early Detection of Drug use Among Youth" from 29th-30th August, 2019. The resource person was Dr. Salman Shahzad (Associate Professor

On 15 October 19, Shaukat Khanum Memorial Hospital set up a blood donation camp at Bahria University Lahore Campus in collaboration with BULC Community Support Program (CSP) Club. Students participated actively in the noble cause. SKMH ran a number of free blood tests for the donor students.



of Clinical Psychology, In charge; Research and Training Unit for Prevention & Treatment of Substance Use Disorder; International Certified Addiction Professional & Global Master Trainer & Prevention Coordinator, Member-ICUDDR and Board of Director; ISSUP-Pakistan). Workshop was attended by Professionals & MS/PhD Scholars.

### Blood Camp at BULC by Shaukat Khanum Memorial Hospital



### Visit to Shaukat Khanam Memorial Cancer Hospital

Shaukat Khanam Memorial Cancer Hospital organized Breast Cancer Awareness Day at the hospital on 2 October 19. A delegation of 22 students and faculty from Bahria University Lahore campus visited the hospital to attend the event. Different doctors from the hospital and cancer victims shared their experiences and educated the audience on the subject. Overall, it was a good event to create awareness among the females about this type of cancer.





### Education Visit to Pakistan Sweet Homes

On 21 October 19, Department of Professional Psychology organized one-day educational visit to Pakistan Sweet Homes. Pakistan Sweet Homes is a welfare organization who strives to support children who have lost their parents or their parents were unable to support them. Students of BS Psychology performed different activities with the children including card making, coloring, drawing, flower making, catching ball, musical chair etc. Children of Pakistan Sweet Homes actively participated in the activities. At the end of event goodie bags were distributed.



### Cleaning Campaign

On 12 December 19, students of Bahria University Lahore Campus took an initiative to clean the slums surrounding the university campus. Students cleaned front and rear parking area of the campus.



Keeping in view the current environmental condition students enthusiastically took part in this activity and showed their interest to be the part of such social activities.



### Visit to Rizq Food Bank

On 28 November 19, students of Bahria University Lahore Campus visited Food Bank of Rizq foundation. Rizq Foundation is a comprehensive organization which adopts a more critical and holistic approach to understanding and intervening in social and economic problems and hence achieves the uplift of human community as a whole. Students of Bahria University distributed lunch and one month ration among the deserving community at food bank. Such activities help to encourage student's participation towards community services.





### Community Health and Education Project

Mr. M. Shahzad Ahmed Senior Assistant Professor assigned projects to the students of MS Project Management. The scope of this project was to provide free medical and educational services to the local/ needy people living in the vicinity of Bahria University Lahore Campus. The event was conducted with the joint effort of Allama Iqbal Medical College and Jinnah Hospital Lahore on 21 December 19. The students of MS Project Management learnt the processes of PMP (Project Management Professionals) practical implementation.

### Renovation of Govt. Aziza Girls Primary School, Punjab Society Lahore

Mr. M. Shahzad Ahmed Senior Assistant Professor assigned a project to the students of MS Project Management to renovate the Govt. Aziza Primary School at Punjab Society Lahore. The complete project was organized by the students of MS Project Management on 22 December 19 and they

encountered with all the phases of the project and from initiation implementation to monitoring & controlling and closing of the project. The project was well executed and also appreciated by the school management.

### Farewell Night Fall 2019

Bahria University Lahore Campus and Semester VII organized farewell dinner for graduating batch on 20 December 19. It was a fun evening where students performed various activities and interacted with each other and their faculty members. It was a really vibrant and joyful event that ended with the memories to be remembered forever.



### IWD Cycling Ride

On 8th March 20, Cycling Ride was organized by BULC in collaboration with Cycling Defence Lahore on International Women's Day. Wheels began to roll forward after a lively assembly in front of the Model Town Park at 8 o' clock in the morning that ended at Bahria University Lahore Campus. At the University, guest speakers from different walks of life captivated the audience with their success stories and the importance of cycling and the role of women in our society. The memorable event was celebrated in the spirit of sport and support for women.



### BU Cares

Bahria University Lahore Campus stepped forward in the hour of need and delivered the essential supplies at the door steps of the needy during the lockdown situation due to Corona Virus Pandemic. 40 deserving families were identified at Tiba village and provided ration. Moreover, ration bags catered for a month were also given to the deserving staff members of BULC.

### World Maritime Day

Bahria University Lahore Campus celebrated World Maritime Day on 26 September 19. Rear Admiral Zahid Ilyas HI(M) S Bt graced the occasion with his presence and addressed a large gathering of students. He inspired students with tales of courage and endurance to build a positive image of Pakistan in the eyes of other nations. Since World Maritime Day is being celebrated as Women Empowerment in Maritime Sector; two Lady officers from Pakistan Navy also joined the session and shared glimpses of their lives in the Navy. At the end, Director Lahore Campus Cdre Shahid Azmat Wain SI(M) (R) presented a souvenir to the honorable guest.





### Iqbal Day Celebrations

On 26 November 19, BULC celebrated Iqbal day in the memory of our beloved poet Allama Iqbal. Mr. Mian Iqbal Sallahuddin (Grandson of Allama Iqbal) was invited. Mian Iqbal Salahuddin is the president of Dabistan-e-Iqbal. During the session various aspects of Iqbal's life were highlighted by the speaker to enlighten students about role he played in foundation of Pakistan. Moreover, he spoke about Iqbal's "Khudi" to familiarize students with its concept.



### Defence Day and Kashmir Solidarity Day

On 30 August & 6 September 19, Bahria University Lahore Campus observed Kashmir Solidarity Day and Defence Day. Faculty members and employees participated in the event. The ceremony began with playing the national anthems of Pakistan and Kashmir. Commander Zia ur Rehman shed light on the bravery displayed by Pakistani Navy and Armed Forces in

the 1965 war against India. This was followed by the faculty's vehement condemnation of India's unlawful activities in Indian Occupied Kashmir. The event concluded with a march where the participants raised slogans to express their unflinching support for the Kashmiris and for their rightful struggle against the oppression by Indian armed forces and law enforcement agencies.



### Visit to Dabistan-e-Iqbal

Bahria University Lahore Campus organized a visit to Dabistan-e-Iqbal on 19 November 19 to commemorate Iqbal's day. Dabistan-e-Iqbal is a centre of various activities that includes art, calligraphy, music, languages (Arabic and Farsi), a regular Iqbal Forum meeting and motivational groups. Visiting Dabistan-e-Iqbal is an immersive experience in Allama Iqbal's world. The center has made a good attempt to create an atmosphere of learning which would resonate with the great philosopher-poetry of the East.





### World Maritime Day : Empowering Women in the Maritime Community

National Institute of Maritime Affairs (NIMA) Karachi organized a seminar to mark the celebrations of World Maritime Day 2019. The event was held on 26th September 2019, at Pakistan Maritime Museum Karachi. The World Maritime Day is celebrated every year to signify the contributions of International Maritime Industry in World's economy and to bring attention on the importance of shipping safety, maritime security and marine environment. The theme for this year's celebration was "Empowering Women in the Maritime Community". Director General Maritime Affairs Mr. Shakeel Ahmed Mangnejo graced the occasion as the Chief Guest. During the seminar Commodore (Retd). Obaidullah former director NCMPR highlighted the state of Maritime Affairs in Pakistan with particular

in maritime sector were presented shields to acknowledge their contribution. The event was attended by various prominent dignitaries, serving and retired naval officers, government officials, intellectuals, researchers and students.

### Present and Future Role Of Women In Kashmir Freedom Struggle

The Department of Business Studies invited Ms. Mishal Malik, Chairman of Peace and Culture Organization and a social activist, who is advocating for the tranquillity of people of Kashmir. Ms. Mishal Malik is the wife of Mr. Yasin Malik, Chairman of Jammu Kashmir Liberation Front and a freedom fighter in Indian Held Kashmir.

The guest speaker will be delivered a session on; "Present and Future Role of Women in Kashmir Freedom Struggle" on 11th February 2020. The Speaker deliberated that Women have been always



focus on the contemporary challenges faced by the Maritime Industry. Ms. Nasreen Haque vice president SZABIST emphasized the importance of empowering women and the challenges and opportunities for women in the Maritime business. Dr. Nuzhat Khan DG NIO shared her journey of being the first female oceanographer and the encounters and prospects of her path to DG NIO. Director General Institute of Maritime Affairs (NIMA) Vice Admiral (Retd) Syed Khawar Ali Shah HI(M) applauded and acknowledged all the speakers for their knowledgeable presentations. In concluding remarks, the Chief Guest said that maritime sector plays significant role in creating employment opportunities and prosperity through advancing trade by sea. During the event the prominent female personalities who have excelled



a part of the strong political voice that is omnipresent in Kashmir and has made itself known in months-long protests and resulting in the loss of young lives at the hands of the Indian armed forces. Women have braved socio-economic, and health fallouts of the conflict either by losing breadwinners to a bullet, or to the oblivion of a disappearance, to continuously evolve as the strongest pillars of resistance, while simultaneously changing and fitting into gender roles within their societies, moving from dependents to bread earners, from followers to leaders within families. The speaker insisted on more female participation so that more voices of women shall be included not as mothers, daughters, and sisters as they have been seen for years but also as independent individuals equally or more affected by occupation, with an agency of their own, speaking for themselves, women standing for women, creating an endless solidarity, shattering to pieces the walls of silence that the occupier has built, and resisting in multiple roles, keeping intact the backbone of the resistance movement and creating peace in Indian Occupied Kashmir.

### Mental Health Day Awareness

Department of Professional Psychology has celebrated Mental Health Day on 4th December, 2019 with a theme of “Talking about Mental Peace because every mind matters”. The objective of the event was to help students and acquaintances of Bahria University to get awareness related to psychological health and its importance in academics and perusing a competent career. The students of Psychology Department participated with full enthusiasm in the event by showing their hidden talents in making of posters, chart papers and art work that focus on awareness and prevention of psychological issues.

The First half of the event included different awareness stalls that was comprised of Counseling, Psychological

Assessment and Signature Analysis. The second half included awareness videos, guest lecture and panel discussion by renowned Professional Psychiatrists and Clinical Psychologists.



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### Annual Islamic Summit

'Prophet Muhammad SAW, and the Millennial was the first ever Islamic summit, out of many to come, orchestrated by the Leadership Development Centre and An-Nakhlah Society. This summit was the outcome of a 4 month long joint-effort of the faculty and students of Bahria University.

The event formerly included two speaker sessions, first by Shuja Uddin Sheikh, who spoke on the topic 'Youth in the eyes of Prophet SAW'. The renowned scholar mentioned, how a young man by the name of Muhammad (SAW) was mindful enough to identify, amidst times of ignorance and disdain, what was truly good.

The second session, was orated by Dr. Zeeshan Ahmed, the current rector and dean of KSBL. His topic was 'Reclaiming our Lost Heritage; Teachings of the Prophet SAW'. A learned man Dr. Zeeshan Ahmed's speech was filled with lessons backed with researches of modern day and time.

The panel discussion was based on the topic, 'Personality Dynamics in Islam'. Touching various

oft asked questions. The scholars mentioned how even at the time of the Prophet SAW, the task allotted to the sahabi's were based on their nature and temperament. The panel discussion touched topics of, how deen should be integrated in our daily lives and practicing it should be a part of our nature.

### Ethics, Morality and Values

Department of Management Sciences with collaboration of Leadership Development Center under the initiative of "Har Lehza Hai Momin" organized a guest lecture by Mr. Muhammad Tahir, Director NAB. The purpose of this guest lecture was to teach the students about ethics and morals of a professional.





### God and Rationality

To address few of the most prevalent yet highly disturbing questions and confusions that continue to arise in the minds of the 21st century youth regarding one of the most fundamental realities; the existence of God. Leadership Development Center and An-Naklah organized a one-day interactive workshop on “God & Rationality”. The purpose of this interactive session was to enlighten the youth about the Creator and give them a better

### HR Training of Naval Officers

Bahria University has designed trainings on HR practices for a set of Naval Officers. A 15 hours training program spread over 5 days has been designed and communicated to the Directorate of Naval Education (DNE).

### Mall of Humanity 4

“Mall of Humanity” is an event organized by CSP club in collaboration with HHRD, where clothing items provided by HHRD are packed and distributed to the various groups in need. Mall of humanity (4) was arranged to provide assistance to the junior staff of Bahria University. Mall of humanity (4) orientation took place on 9th July, 2019 for the CSP members along with 6 sessions on different dates. The sessions embodied the dedication, diligence and hard work of students, where they ironed, packed and made the clothing material presentable for the final day distribution. Final Day of mall of humanity was dated on 31st August, 2019. On the final day of Mall Of Humanity junior staff (Grade 1-4) was provided with a choice to take anything for their family members

from the given diversified options. The main focus of the event was to give back to the staff who put in hours to maintain the discipline and decorum of Bahria University.



### Computer Literacy Program

Computer literacy program was an initiative taken by Bahria University Islamabad campus in collaboration with Khalida Iqbal Free Education Trust to provide a foundational knowledge of Microsoft Office and Browsing to children from the age 8 to 12. Computer literacy program was commenced from 30th July 2019 to 29th August 2019 for 4 days every week at Bahria University Islamabad. Students from BS (IT), BS-Geology, BS (CS) and BBA depicted passion and enthusiasm in coaching the children to have a hold on computer. Basic knowledge of Hardware and software. They were given to the students, along with that Basics of Microsoft Word, PowerPoint and Excel was covered. The main aim of this initiative was to give an equal chance for the impoverished children to cope up with a fast-moving world, for them to have self-confidence and not be considered them any less than anyone.



### Tackling Plastic Pollution in Pakistan

WWF in collaboration with Bahria University conducted a workshop on 20th September 2019 in HL-8 at BU on tackling plastic pollution in Pakistan. Ms. Nazeefa Butt from WWF carried out the workshop and enlightened on the fact that plastic pollution can be torn down by using alternatives instead of plastics. The workshop also highlighted Islamabad's efforts in managing to cut down on pervasive plastic pollution by imposing a ban on

plastic bags and promoting alternatives instead of the plastic.

The main purpose of this workshop was to spread awareness of the harmful side effects of plastic and to impose on the facts that there is always an alternative for the issue. By using auxiliary options not only reduce plastic pollution, but in long term can contribute positively to a clean and green environment.



### Tree Plantation Drive

Tree plantation is one of the corrective measures to tackle Global Warming, as days are passing by our climate change is fluctuating at a higher rate. Bahria University Islamabad Campus contributes promptly for a clean and green environment. One of the activities for the betterment of Environment is tree plantation which BU hosted at its droplane on 20th September 2019. Students from BSE-5 played a major role in planting 25 Saplings, Sukhchain, Amaltas and Kachnar were selected for the plantation. Every student involved portrayed a sense of responsibility for the environment and put forward a very dedicated and passionate front for the plantation. The main aim for conducting this event was to give back to the society and to create awareness among youth and people on the importance of a green and clean environment. Our efforts were to emphasize on the fact that a single deed could contribute way more to the wellbeing of this world than we could imagine, 25 trees sound a bit insignificant when compared to the climate change but this is a step forward in achieving a clean and green environment.



### Oath Taking Ceremony

Oath Taking Ceremony of new hierarchy of CSP Club took place on 20th September, 2019. This event was orchestrated to introduce the new nominated hierarchy officially. The new President along with the Vice president and other hierarchy members took over the podium to take oath for completing their responsibilities deliberately and effectively. Shields were given to Sir Sadiq, Sir Afzal and Sir Khuram for their contributions. The whole event was wrapped up by providing refreshments to all the members. The main objective of the event was to ensure smooth shift of the positions and to communicate the changes to all the club members. The event was conducted to minimize the lack of communication and overcome any barrier that could cause any misunderstanding and to create a friendly environment.



### Breast Cancer Awareness Session at Aiwan-e-Saddar

Breast cancer awareness session took place on 7th October, 2019 at Aiwan-e-Saddar. This initiative was taken to emphasize on the importance of realization regarding such a critical topic. Ten female students were nominated to attend this session along with a focal person. This session was started off by the CEO of Shaukat Khanum Hospital, he showed the statistics of cancer patient and emphasized on the annual check-up for both men and women because of the fact that breast cancer is not just bound to women, men can suffer from it too. After the CEO, First lady took over the stage and started off with

stating that we have to spread the word to the rural areas too because these are the women when are raising families and are a mean of providing education to children who can not afford or are encouraged to go to school. Lastly President of Pakistan arrived and supported the CEO and the First Lady, he himself spoke about how women should keep a lookout for Breast Cancer and method to analyze it. He ended the session by asking for support from all the MNA's and audience to spread the word around as much as they can and to put in few actions to tackle this issue. The main objective for this initiate was to reach out to as many people as they could and illuminate on the critical issue of lack of awareness of breast cancer.





## Pinktober'19

October is the month which is specifically set apart to spread awareness about Breast Cancer all around the world. Pakistan has a highest Breast Cancer rate in Asia with approximately 40,000 deaths caused by it. Bahria University, In order to support this cause orchestrated an event for a whole week in October called Pinktober. Pinktober was organized from 7th October 2019 to 11th October 2019, each day carrying out different activities to pool in donations for the fight against Breast Cancer. This event was not just bound to the Bahrians but other universities also participated in the event.

Numerous activities were conducted to make the event successful and to generate as much donation as possible for the welfare of society. Luddo, E-Gaming, Foosball, Minute to win it, Arm



Wrestling, Badminton, Table tennis, Volleyball, Basketball and futsal are the activities which made the whole event successful. 96 members from CSP Club, Sports Club, Media Club and Event's club poured in their effort to make Pinktober a successful event. At the end wholesome amount of 36,000/- Rupees were yielded by the PINKTOBER event, the whole amount was donated to Pink ribbon. Participants were given the certificate of appreciation and the winners were given the prizes along with the certificate.



The main objective of the event was to spread awareness about breast cancer and to contribute as much as Bahria can for the welfare of society and bringing a positive change.

## Grand Orientation

All the Clubs of Student Resource Centre collaborated with each other to organize Grand orientation. The event took place in the Auditorium of Bahria University on 14th October 2019. Community Support Program Club, Arts & Dramatics Club, Music Club, Events Club, Media Club, BUILDs and Sports Club conducted this Grand orientation for breaking the ice among the new and existing members. Each Club's President took over the stage to briefly introduce the Club and its hierarchy. After the introduction



new members were told about what would be expected from them in terms of responsibilities and participation. In the midst of all of it, Bingo was played just to grasp the attention of the students, to keep them entertained few song performances were also conducted. The main purpose of the Grand Orientation was to overcome the communication barrier among the Clubs and to motivate the Clubs to maintain a healthy competition.

### Freshies Intake 2019

New members were introduced to the hierarchy of the club and to break the ice few interactive activities were pulled off. The main objective of the intake is



that nobody gets to lag behind and eventually the existing members will pass out so it is vital to groom new members to play their role and to manage the club.

### Global Hand Washing Day'19

CSP Club in association with HHRD orchestrated a Global Hand washing Day at Khalida Iqbal Free Education Trust. The event was pulled off with the help of 20 CSP Club members on 15th October 2019. Numerous activities were arranged for the children to grasp their attention including Storytelling, Cartoon Session of Commander Safeguard. The most interesting out of all the activities was proven to be the painting activity which brought massive smiles on the faces of children. In this activity, each student had to paint their hands with paint and then leave those colorful imprints on the piece of cloth. 400 soaps packed by the CSP Club members were distributed to the children.



### Breast Cancer Awareness Session-I9

The Breast Cancer Awareness Session held on 22nd October, 2019 at Bahria University, Islamabad Campus aimed to educate young girls about the importance of self-assessment and annual screening. So, that they can save themselves and also spread awareness in their community to cure this disease at the first stage. This session was jointly organized by Shifa International and Shifa foundation.

Dr. Uzma Qasim who is a consultant Oncologist at Shifa International and Dr. Ayesha Isani (Focal Person for Breast Cancer Awareness National Health Services) came over and gave a comprehensive presentation to all the young girls to help them become aware of this disease and its preventions, and also create awareness in their surroundings.

Furthermore, few interesting activities were also done and gifts were distributed among audience to make this session informative yet enjoyable.





### Teach for Pakistan

Teach for Pakistan in collaboration with CSP Club organized an awareness session about one of the fellowship program of teach for Pakistan and an employment opportunities for the graduating students. Representative from Teach for Pakistan came to BU in order to illuminate the story and purpose of Teach for Pakistan. The session took place in Lt-2. CSP members assisted the 2 representatives in hosting the entire session. Later the representatives guided the graduating students about the job opportunities in Teach for Pakistan. They further elaborated on the statistics of illiteracy rate of Pakistan and lighted on the fact that still we lag behind when it comes to education and more than half of the children are not enrolled in the School. They emphasized on having more teachers and institutes in order to exponentially increase the literacy rate. The main objective of the event was to spread awareness that education is a blessing which is considered a luxury for those who cannot afford it and how to tackle such a serious issue.



### Universal Children's Day

SPARC in collaboration with CSP Club and several other NGO's organized an event on the 14th of November 2019, as Universal Children's day in F-9 Park. CSP Club provided 15 members to organize the whole event. Footprints of more than 20 NGO's were at the event and installed their desks. All the children from various institutions were brought together at the park. CSP members not only provided assistance to both the NGO's and children but also provided protocol to the Chief Guest.

### Anti-littering Drive at Magalla Hills Trail-5

The Community Support Program organized a Trail Cleaning Drive at Trail-5 on November 23, 2019 on a special request of Bahria University's Alumni Association (BUAA). More than 150 students from all the SRC Clubs volunteered for the drive along with CSP Club members. The activity was accompanied by a "Drug Awareness Session" by a Senior Alumni of Bahria University. The purpose of this session was to provide an awareness regarding the menace of Drugs and booklets regarding the effects of Drugs were also given to the participants. The drive encouraged litter reduction and proper garbage disposal amongst the students. Water bottles, gloves and garbage collection bags were provided to the students. It was a Four hour activity (including commute) in which the students actively participated. At the end of the drive, light refreshment was provided to everyone and a group photo was taken to make the event memorable.





### Sport Goods Distribution Ceremony

*“It doesn’t matter what your background is or where you came from. If you have dreams and goals, that’s all that matters.”*

– Serena Williams, professional tennis player

Every child deserves a childhood, one that can allow them to grow into strong and lively individuals. Sport is an integral part of our childhood that ensures good physical and social development. CSP understands this, and promises to benefit the community and create a sense of social responsibility in the students of Bahria University. CSP club, in collaboration with Khiladi Foundation organized a visit to the underdeveloped area of Taxila.



### Khiladi Foundation

Khiladi Foundation undertakes projects to provide sports facilities and equipment to the deprived children. The organization aims to enhance development through sport charity helping disadvantaged communities reach their full potential in sports. Funded by Bahria University, Khiladi Foundation bought quality sports gear for Govt Girls Elementary School Khurram Gujar Taxila. Members of CSP club, together with officials from the Khiladi Foundation spent a beautiful Saturday morning with 300 young and energetic girls. Students of Bahria University distributed sports gear among the girls of the school and indulged them in different fun activities like table tennis, badminton, and catch the ball. The event was indeed a rejuvenating experience for our CSP members as well, as playing with the kids gave them a chance to unleash their own inner kid.

CSP takes pride in the capability of its members to truly bond with the folk of these communities that CSP does their best to help. Our II members that were on this trip bonded with the children and heard their stories, shared how life was different,

and also similar in aspects, on both ends. True connections are one’s most prized assets and this event gave the members a chance to earn just that. The kids did not want our team to leave and rightfully so; A little bit of fun with university kids after an exam on a Saturday morning is just what the doctor ordered. Yes! You read that right, they had an exam too. One member of CSP club shares their experience in the following words

*“I made so many little sisters today, it was worth waking up on a Saturday morning.”*



### Bachoun Ka Ghar

CSP Club conducted a one-day event at an Orphanage named as “Bachoun ka Ghar” located in Pakistan Town. Gifts and goodie bags were arranged before the event. The event kicked off with some ice breaking activities, followed by a moral lecture on Good Touch and Bad touch.

Afterwards painting session was initiated by one of the CSP member who painted on the wall and the rest of the members catered to the children excitement by painting their face following that stationary was distributed and cartoon session was carried out which brought a million dollar smile on each and every child’s face. The event was concluded by distributing warm clothes and by having a lunch together. The main purpose of the event was to bring smiles to the faces who had been through a lot and to help them as much as it was possible.



### Volunteering At Khalida Iqbal Free Education Trust

Being a third world country, large populations of people in Pakistan are deprived of good schooling. To cater the needs of the underprivileged, Khalida Iqbal Free Education Trust situated at D-12, Islamabad is providing free quality education for street children in Islamabad, Pakistan. Their aim is to:

- Provide free education from kindergarten to senior secondary level for children regardless of religion, caste, gender or social status.
- To promote the qualities of kindness and compassion, ethical behavior and a sense of universal responsibility.
- To inspire children with the qualities of leadership and the motivation to bring peace, happiness and well-being to their communities and environment.

The Trust is headed by Mr. & Mrs. Kazmi and a total strength of approximately 100-140 students study in the Trust.



The students from Bahria University Islamabad Campus are volunteering to lend a helping hand to the Trust since a year and a half under the able guidance of an officer for CSP office.

On daily basis shortlisted classes from undergraduate batches are taken to the area and various responsibilities are equally distributed amongst each student. A group of volunteers helped in building sheds (out of bamboos) since the Trust does not have enough covered area, while some get stationery for the children. Each volunteer is assigned a group of students to teach and give them personal attention.

Additionally, other extra-curricular activities like singing, debating and storytelling are also carried out to boost the confidence of the children.

Creativity is encouraged during art and craft activity. Owing to this interaction, many volunteers offered to volunteer even after the completion of their mandatory CSP hours.

Because of the meager resources, the Trust does not have enough teaching staff to teach children. Therefore, participation of BU volunteers in this initiative has increased the manpower resource of the Trust as our students act as voluntary teachers for the children studying in the Trust.

Although the program is currently operating, till now the efforts exhibited by the students have not only won appreciation of the children of the Trust but also increased its recognition in the surrounding areas.



### Ration Packs Distribution

The CSP Club is recognized for its volunteer programs. Bahria University students distributed nearly 1,000 rashan packs to the poor during COVID-19 on the streets of Twin Cities when situations around the globe were absolutely challenging and people were requested to stay at home by authorities and experts; Students took responsibility to help their poor people and come out after taking proper precautionary measures (SOP's) distributed rashan packs among people. Students from the CSP Club also distributed 400 ration packages in the streets and slums of Islamabad as it has never stepped back from its basic motive that is to help its people in every way possible.

Past few months have been acutely challenging for the whole world and it was greatly affected by the sudden outbreak of COVID-19 as well as its influence on various people and nations in variety of ways and therefore, Pakistan was no exception. Pakistan is a developing country and therefore, its economy is still recuperating with the initiation of different techniques and methods. Aftermaths of COVID-19's outburst are numerous, but unemployment and poverty have topped the list. To fight poverty, hunger our nation stood united and helped its people in every way possible.



### Face Mask Distribution

The pandemic of COVID-19 has restructured life as we know it. Many of us remained at home, avoided people on the streets and modified our everyday routines, like going to work, in ways we could have never imagined. The sudden outbreak of Coronavirus in developing country like Pakistan was extremely challenging as most of our people earn daily wages to earn bread and butter for family; but taking precautionary measures for safety was and is ultimate priority. To keep people safe from transmission of Coronavirus as in it the carrier himself is not aware of the fact that he is carrying the virus people were requested to wear masks by experts.

For the sole purpose to benefit it's nations people, CSP and its volunteers stepped forward and distributed 260 face masks (free of cost) among people. As, according to the studies universal mask usage greatly reduced the spread of the virus in the population by preventing everyone, even those who inadvertently carry the virus, from transmitting it to others. Disease modelling indicates that masks worn by large portions of the population, along with other interventions, resulted in substantial reductions in the number of cases and deaths.

### Disinfection of Mosque

Most countries, as well as Pakistan, have responded to the coronavirus epidemic by implementing a lockdown to break the chain of infection and reduce its spread in order to avoid crippling health services. Nevertheless, if one has an essential service or company that must stay in operation, every care must be taken to protect the people who used the premises, including staff, visitors, and members of the general public. COVID-19 is an extremely contagious disease that spreads rapidly from one to another. Without a vaccine or alternative medication, the main recommendation for the prevention of COVID-19 is to enforce strict hygiene measures.



It involves cleaning and disinfecting surfaces and items that people frequently handle. This is where one of our students played their role of responsible citizen and disinfected the entire mosque of his hometown (Mariabad) in Quetta by taking the supplies from CSRP (Centre for Sustainability Research and Practice). People in Pakistan are extremely sensitive when it comes to their religion and they never opt to stop offering prayers or visiting mosques no matter what or how crucial the time is and hence disinfecting places like mosques is very important as it keeps the number of people safe.

Volunteers at CSP are its assets and CSP is indeed proud of bringing them in front of the world and letting the world know of the abilities its volunteers have.



### Awareness to General Public

CSP is honoured to share the news that students residing in locked down areas of Pakistan, provided COVID-19 awareness to the general public. Among which one was a Psychology Student from Psychology department BU who gave awareness session on "Pandemic and Nightmares" and "How to deal with stress in Pandemic".

The unforeseen disruption of coronavirus did impact the nation and its people in numerous forms and alertness/acquaintance was much needed; either mental health awareness or the awareness to stay safe and take care of SOP's. The people in backward areas of Pakistan initially considered coronavirus a myth of doctors and politicians and thus did not take the exact amount of care and provision needed which is why the transmission of coronavirus flared up and increased infected and death toll disastrously. To fight such pandemic, awareness amongst locals tended to be prioritized to keep them mindful of the future consequences. Fear and anxiety over an emerging epidemic and



what could happen can be intimidating and can trigger intense emotions in adults and children. Actions in public health, such as social isolation, made people feel disconnected and depressed, which increased stress and anxiety. Nevertheless, apprehension was significant in order to minimize the spread of COVID-19. Dealing with stress in a healthy way can make you, the people you care for, and your community stronger.

### Sessions on Early Childhood Development

Another remarkable achievement of CSP Club is that they involved a representative and a Psychologist from “Moawin Foundation” and conducted an online “Early Childhood Development Program” on zoom meeting application twice a week (still in progress) to educate the students of the importance of ECD and each student is therefore liable to spread the word among the newly married people around them. 16 students from CSP Club are taken on board for the program. This virtual training program focused on early childhood development (ECD) as it is extremely significant in individual’s life and it includes physical, socio-emotional, cognitive, and motor development between the ages of 0-8 years. The session promoted the idea of how parents should be completely ready to take child’s responsibility, aspects of early childhood in rural and urban areas, sustenance and mental growth etc. sessions were delivered twice a week and participants were assigned tasks where they were supposed to share posters and other virtual commodities among their contacts and 20 more people to bring alertness in a developing country like Pakistan where such topics are not prioritized or even discussed.



The sole aim of this session was to train their volunteers and accrediting the volunteers with the obligation of guiding 20 more people. Thus, this session initiated the chain of awareness about ECD as it holds significant importance in our life.

### Csp’s Graphic Designing Soft Skills and Video Editing Course

CSP club, arranged an online session where a free two Month “Graphic designing soft skills & Video Editing course” by highly skilled students of the CLUB was conducted on zoom that catered 25 Club students. This virtual session helped the participants in sharpening their skills and exploring the world of graphic designing as well as themselves. Participants were given tasks after every session which aided their quick learning a lot.

Graphic design has a significant role to play in a new dynamic business setting. Businesses need the talents of graphic designers to create beautiful marketing materials. Other materials include brochures, business cards, directories, newsletters, stationery and so on. An innovative and recognizable logo is a basic prerequisite for any company to create a brand identity. In the same way, companies need the services of graphic designers to create innovative mobile applications and social media accounts for business promotion. We may argue that graphic design has become part of the physical and virtual sector of doing business.

### Csp’s Contribution in Clean and Green Pakistan

CSP’s framework (during COVID-19) at BUIC reports that in pursuance of Prime Minister’s “Clean and Green Pakistan” Campaign, it has launched a plantation drive in which more than 100 students have successfully accomplished their 40 mandatory CSP hours by planting more than 330 saplings (distinct species).

The Prime Minister of Pakistan, Mr Imran Khan, introduced the Clean & Green Pakistan Movement (CGPM) on 13 October 2018. This national campaign permeates change in behaviour and institutional strengthening while contemplating a need to address five elements: Plantation, solid waste management, liquid waste management / sanitation, total hygiene, and safe drinking water.

One of the five components which CSP club immensely focuses on is Plantation as Pakistan has

only 5 percent of the forest area as opposed to the internationally established standard of 25 percent. Plantation is included as the central ingredient of the CGPM in order to boost the forest coverage. The growth in forest area will however contribute in the resurgence of wildlife resources and the bolstering of Pakistan's zoological surveys. The CGPM focuses specifically on empowering people to seek access to essential services, but also on making themselves fairly responsible and accountable for Clean & Green Pakistan.

This is why, CSP club, emphasizes on how trees keep the moisture content in check, and the importance of tree planting in the country is enormous as well as encourages it's students and other volunteers to take part in tree planting by introducing such activities.

### Defense Day Play

Overview: Defense Day is a tribute to all our brave souls who have fallen in the line of duty. The sacrifice they made to defend our beloved motherland will be remembered forever. To celebrate this day in the memory of those beloved soldiers, on 6th September 2019, the Arts and Dramatics Club conducted a play portraying the contribution of the brave soldiers in regard to the defense day and the whole event was covered by BUMC.



### Arts and Dramatics Club Registrations Fall'2019

Overview: After every 6 months, clubs present in Bahria University open their registrations to provide young, fresh minds a platform to explore their skills. From 16th – 19th September, Arts and Dramatics Club set up their registration's desks in XC, NC and OC blocks, online registration was also provided to the students. It was an overwhelming response for the A&D Club as hundreds of applications were received. One noteworthy thing

were the freshmen, who showed great interest in the club and registered with enthusiasm and excitement. A&D management team made sure that the registration process goes smoothly, and the photography team captured the whole process through their lenses.

### NUML Drama Festival

Overview: Bahria University's Arts and Dramatics Club participated at the 3rd National Drama Festival and Singing Competition in NUML. The competition was held amongst the universities from across the country. Out of 5 nominations, A&D club won 3 awards. The entire club worked very hard, the actors and management team put their best foot forward at the event which was highly fruitful.

- Best Lead Actor (Won)
- Best Actress Supporting Role (Won)
- People's Choice Award (Won)
- Best Script (Nominated)
- Best Play (Nominated)

### Grand Orientation Fall' 2019

Overview: A grand orientation was held at BU auditorium which was meant to give all the members a vision about the clubs and how they work. It was meant to tell everyone that each club plays the role of a pillar, so the foundation should be strong, and the objectives should be accomplished timely with consistent hard-work and dedication.

### Quaid-e-Azam University Drama Festival

Overview: Bahria University's Arts and Dramatics Club participated at the Quaid-e-Azam University



Drama Festival. The actors, director, script writer and management team worked really hard and rehearsed for days. The competition there was tough as universities from all over Pakistan were there to participate however, the team garnered a lot of appreciation from the judges. It was a great learning experience for all the participants of the Arts and Dramatics Club.

### Arts and Dramatics Club Registrations Spring'2020 Date: 10th – 11th February 2020

Venue: BUIC

Overview: After every 6 months, clubs present in Bahria University open their registrations to provide young, fresh minds a platform to explore their skills. From 10th – 11th February 2020, Arts and Dramatics Club set up their registration's desks in XC, NC and OC blocks, online registration was also provided to the students. It was an overwhelming response for the A&D Club as hundreds of applications were received. One noteworthy thing were the freshmen, who showed great interest in the club and registered with enthusiasm and excitement. A&D management team made sure that the registration process goes smoothly, and the management team captured the whole process through their lenses.



### Future of Work

Overview: Members of the Arts and Dramatics Club provided their services by ushering in the event of future of work, to recognize their efforts and managing skills, an appreciation ceremony was hosted by Rector Bahria University along with other senior officials in which ushers received certificates.

### UCP Takra 2020

Overview: Bahria University Islamabad Campus participated in the annual event name UCP TAKRA 2020 held at University of Central Punjab on 25th February 2020 and in the 12 events that we participated in, the BUIC team secured 1st, 2nd, and 3rd, positions in 10 events. BUIC also secured the 5th position in TAKRA out of the 160 participating universities. Each participant performed to the best of his abilities and the results are as follows:

- Visual Writing (Won)
- Documentary (Won)
- TAKRA vlog (Won)
- Spellathon (Runners up)
- Music Mania (Runners up)
- Badminton (Female) (Runners up)
- Dramatics (Runners up)
- Trilingual (3rd position)
- PUBG (3rd position)
- Photography (3rd position)



### Social Media Funkar

Overview: Arts and Dramatics Club organized an online competition for its members during the lockdown. The main event was "Social Media Funkar" however, it had 2 categories: "Social Media Musawir" and "Social Media Adakar" to cater both the domains of the club. i.e. arts and dramatics, respectively. The members participated enthusiastically and showcased their skills via art and acting. The winners were given a cash prize decided by the university.

### 73rd Independence Day

Overview: On the account of Independence Day Bahria University's Arts and Dramatics Club



held an art competition. Members from all the clubs participated to their full potential. Arts and Dramatics club also made a video on 14th August where members portrayed their feeling towards Pakistan and the theme was “Patriotism for Pakistan”.

### **BUILDS – Bahria University, Islamabad Literary and Debates’ Society**

#### **Bait Baazi**

A Bait Baazi was conducted by the Bahria Literary and Debates Society to celebrate and honour our National Poet, Allama Muhammad Iqbal. Students of all departments participated and showcased their poetic prowess by elaborating on the poetry of many famous poets and some students even took the rostrum to showcase their own independent poetry.

#### **IQRA TECTIQS**

A team was selected from the student body of Bahria University for the annual event at IQRA University. The event was of Urdu and English declamations, both humorous and serious.

The participants were trained by the Director Declamations of BUILDS. After much trial and tribulations, the Bahria Team was able to secure both the 1st Place in Urdu Serious and 2nd place in English Humorous declamations with high honours.

#### **WRITING WORKSHOP**

Writing Workshop 102 was conducted in LT-2 of the NC Building. The workshop focused on defusing errors that were made by the amateur mind. The whole aspect of it was to indulge students focused on improving their writing ability to figure out and assess the issues that they were facing or they had not yet faced by working together to understand what the most common issues are. GIMUN Selection Trials.

#### **GIMUN Mock Sessions**

The annual event of Ghulam Ishaq Model United Nations (GIMUN) was organized at GIKI, Swabi. BUILDS held a selection process in which participants went through a mock Model United Nations debate through which the final participants for the event were selected. The mock session was held in front of the Daily Grind in the post selection Session, students were put through training Session which led to the event. The purpose of which was to make sure that the participants were properly trained through various mock exercises and simulations of the event which would satisfy any outstanding queries that the participants would have.



## Registrations

Society Registrations begin as a process for inducting new students into the current societies of Bahria University. Registrations occur at the start of every semester. BUILDS conducted its registrations from 14th to 18th September, 2019. The result of the registrations portrayed the interest of the students which has always had been at an all-time high.



## Orientation

BUILDS conducted its Orientation on 9th October, 2019. The reason behind conducting an orientation is so that the newly inducted members of BUILDS could have an ice breaking session with the hierarchy in which they would get to know the people organizing their literary based events as well give the hierarchy an opportunity to address any queries that the new members might have while also establishing what to expect from the society in the future.

## Grand Orientation

The Grand Orientation was conducted on 14th October, 2019. It was a collective effort which serves as a means for the new students to meet and see who the people are who are running the various clubs and societies. It consisted of the various societies showcasing their niche skills along with alumni participation.

## Parliamentary Workshop

Parliamentary Workshop was conducted on 17th September, 2019. It was also the trials for the FAST University Declamation Championship which was being conducted in FAST University. Alumni engagement from BUILDS allowed to give a chance to the newly old members to teach their skills to the newer members.

Name	Department
Saad Chandna	Media Studies
Danial Sulheri	Social Science
Yusra Hameed	Social Science
Lubna Javed	LLB
Zain Raza	Media Studies
Mustafa Bin Javed	Media Studies

## Declamations Workshop

Declamations Workshop was conducted on 19th September, 2019. It was organized to teach the basics of speechmaking to the newer members of the society. BUILDS alumni spearheaded the ordeal as they guided the new members on how to deal with various aspects of Declamation style oration.

Name	Department
Summaya Zahoor	Social Science
Haadia Amjad	CS
Yasir Nawab	BBA
Hassan Danial Dar	Media Studies
Omar Absar	BBA
Jaffer Khan	LLB
Parsa Khan	LLB
Lubna Javed	LLB
Nasik Ali	LLB
Abida Batool	LLB
Hareem Khan	Psychology
Maryam Jamshed	Psychology
CS-5A	CS-5A

## Writing Workshop

Writing Workshop was conducted on 22nd October, 2019. It was organized to teach the basics of writing to the newer members of the society. It was spearheaded by the BUILDS hierarchy as they guided the new members on how to understand the various aspects of creative writing.

Name	Department
Sarib Khan	BBA
Shizza Bukhari	Psychology
Summayya Zahoor	Social Science
Guljana Mehboob	Social Science
Hassan Danial Dar	Media Studies

### FUDC 2019

The FAST University Debating Championship was conducted by FAST University on 21st September, 2019. A team from Bahria went to observe how Parliamentary Style debates occur. Budget allotted was PKR 6,000/-

Name	Department
Saad Chandna	Media Studies
Zain Raza	Media Studies
Danial Sulheri	Social Science
Lubna Javed	LAW

### APDC 2019

The All Pakistan Declamation Contest was conducted by Quaid E Azam University on 15th, 16th October, 2019. A team from Bahria went to participate and placed within the top 10. Overall number of teams was 49. Budget allotted was PKR 2,000/-

Name	Department
Mustafa Bin Javed	Media Studies
Yusra Hameed	Social Science
Sundus Abbasi	LAW
Omar Absar	BBA

### GIMUN (Highlight Event)

A delegation of Bahria University Islamabad attended a three-day Model United Nations Conference at Ghulam Ishaq Khan Institute of Engineering Sciences and Technology, Topi, Swabi, KPK; from November 29th, 2019 till December 1st, 2019. It is one of the most recognized MUN Conference of the country and goes by the name GIMUN. The committees of the conference were UNSC, UNHRC, UN Women, DISEC, PNA and Marvel Crisis Committee. The committee sessions were followed by "Cultural Cabaret", "Theme Dinner",

*"Musical Night" and "Closing Ceremony"*

The delegation of Bahria University Islamabad was selected after several mock sessions.

Subsequent to careful filtering, the potential delegates were further inculcated by the Hierarchy of BUILDS. The hard work of weeks paid off when the delegation of Bahria University Islamabad returned to their potential Alma Mater with 11

awards and stood neck to neck in GIMUN '19 for the best delegation from a university with 240 points. Among some of the top prestigious institutes of Pakistan, Bahria University, Islamabad, fought well for the position. Cheers to the amazing delegates from BUILDS representing their institute. Budget for this event was collective, constituting to PKR 20,000+ The awards received are as follows:

Name	Position
Ahmed Bin Mehmood	Best Delegate
Maryam Jamshed	Outstanding Diplomacy
Mustafa Bin Javed	Outstanding Diplomacy
Shizza Bukhari	Outstanding Diplomacy
Hamna Saeed	Outstanding Diplomacy
Danial Sulehri	Honourable Mention
Lubna Jan	Honourable Mention
Hareem Khan	Honourable Mention
Asma Javed	Honourable Mention
Mir Jawad	Honourable Mention
Sarib Khan	Honourable Mention

### Climate March

Being a responsible citizen, members, and hierarchy of Events club is well aware of the consequences of climate change. Thus, they participated in Climate march to spread awareness through matching with eye-catching posters regarding the cause and effect of Climate change and possible steps for the prevention of Climate change. The team was highly appreciated and provided by certificates and goodies.





### Pakistan Tourism Day Event

Members and hierarchy of events club played their part with great responsibility by participating in this event to promote tourism within Pakistan along with the required safety measures and strategic goals; they were highly appreciated and provided with certificates for their active role.

### Slow cycling

To make the Pinktober festival more interesting, the hierarchy of Events club had introduced fun-filled activity named "Slow cycling" in which not only students from the entire university participated but also the hierarchy also took part and enjoyed with them. The student who has taken maximum time in reaching the end was awarded a certificate and prize money from the club

### Anti-littering hiking activity Date: 23rd November 2019

Team Events club participated in a one-day event of Anti-littering hiking activity conducted by CSP and Bahria Alumni Association to play their vital part in cleaning the track, hikers pickup all the trash along the way and in surroundings to make sure it remains an eco friendly spot for tourists. This activity also helped in growing the friendly relations between the members of both clubs and the hope of working together for the betterment.



### Plantation Activity

Events club in collaboration with CSP and friends of Environment conducted plantation activity at dropline in view of clean and green Pakistan to protect the environment and make the world better place for the future generation, as the change begins from home thus ample number of students and hierarchy participated in the cause and played their role.



### Coronavirus awareness competition

To play the part in the serious time of the pandemic, events club brought its first virtual competition which aimed to spread awareness regarding the disease through our platform, both hierarchy and members participated in the competition and got highly appreciated for their responsible act.



### Bahria University Islamabad Campus

Overview: World Wildlife Fund (WWF) is an international non-governmental organization that was founded in 1961. WWF deals in the field of preservation of wildlife and works on reducing the human impact on the environment. On September 20, 2019, WWF organized a session related to CSP. The plot of this session was about community service. The BU Media Club did the coverage of this whole event.

### World Fisheries Day (03 Dec 2019)

National Institute of Maritime Affairs (NIMA) Karachi chapter organized and celebrated World Fisheries Day at Baba Island on 03 December 2019. World Fisheries Day is celebrated around the globe every year to highlight the importance of healthy oceans ecosystems and to ensure sustainable stocks of fisheries in the world. This year National Centre for Maritime Policy Research celebrated World Fisheries Day amongst the local fishermen's community, hence the event has been decided to be held at Baba Island among the fishermen's community instead of the traditional ways of celebration in an air-conditioned auditorium. The purpose of holding this activity was to acknowledge the efforts of local fishermen, listen to their tales and how this sector has developed over the years. Mr. Aijaz Ahmed Mahesar, Secretary Livestock & Fisheries Department, Government of Sindh was invited as the chief guest for the event.

The event started with the recitation of Holy Quran by 1035 Hrs, followed by a welcome address by Director NCMPR. The program of event was encouraged from tales of stories of some elderly and veteran fishermen, dramatic tableaux of DMC School's students in respect of the event and speeches of Guest of Honor V/ Adm (Retd) Irfan Ahmed HI(M) SJ and the Chief Guest Mr. Aijaz Ahmed Mahesar Secretary L&FD Sindh. The culmination of the event comprised of souvenirs presentation to various invitees and local fishermen.

### SEMINAR ON KASHMIR ISSUE (27 Feb 20)

National Institute of Maritime Affairs (NIMA) Karachi organized one-day seminar on the topic "Kashmir issue- Article 35A and 370 of

Indian constitution: Options for Pakistan vis-a-vis Rising Hindutva in India" on 27 February, 2020 at Al-Beruni Auditorium Bahria University, Karachi campus. The seminar was aimed to bring academicians, policy makers and media to put emphasis on the brutalities encountered by Indian Occupied Kashmiris and to identify and explore the entailing policy options that Pakistan should adopt to address the situation.



The stature of the seminar was elevated by the honorable presence of Chief of Naval Staff, Admiral Zafar Mahmood Abbasi NI(M), Raja Farooq Haider, Prime Minister Azad Jammu and Kashmir, General Zubair Mahmood Hayat NI(M) Former Chairman Joint Chief of Staff Committee, Senator Mushahid Hussain Sayed, Former Chief of Naval Staff, Admiral Shahid Karimullah NI(M), and Ambassador (Retd) Abdul Basit. Other distinguished speakers who contributed to this seminar include Group Captain Sultan M Hali, Security Analyst, and Dr. Rabia Akhtar Assistant Professor and Head of the Department -School of Integrated Social Sciences - University of Lahore. Vice Admiral Abdul Aleem HI(M), Director General, National Institute of Maritime Affairs, in his welcome address talked about the "Special Status" of Kashmiris as well as, depriving citizenship status of certain segments of Indian Muslims which is an obvious evidence of emerging face of Indian fascism. While talking to participants, Admiral Shahid Karimullah NI(M) appreciated the efforts of the management of the National Institute of Maritime Affairs for creating awareness about Kashmir issue. He further expressed that occupied Kashmir has been turned into the largest prison of the world, and the controversial Indian Constitutional bill will just further ruin India. Raja



Farooq Haider, Prime Minister Azad Jammu and Kashmir said while addressing the audience that Pakistan has always projected Kashmiris' demand for plebiscite in Jammu and Kashmir and we should devise a new policy to achieve our goal." Admiral Zafar Mahmood Abbasi NI(M), Chief of Naval Staff, stated that Kashmir being the core conflict between India and Pakistan has its severe implications on the security situation at sea. Pakistan Navy however is well aware of the resultant challenge and is ready and prepared to thwart enemy's ill designs. The seminar was attended by large number of dignitaries, Tri-services officers, academia, students and faculty of Bahria University, media representative, and researchers from local think tanks and universities.

### Independence Day Celebrations

Bahria University has orchestrated, in the past years, similar events, which recognize a national



spirit within all of us, which instill a patriotic sense and a duty to our country. In order to preserve this trend, BUMDC has again decided to arrange an official event in a very simplified manner on 14th of August 2018 with social distancing due to Covid -19.

This day commemorates when Pakistan achieved

independence, a day of stopping and realizing, of gratitude and blessing, of freedom and true glory.

The Honorable Director General BUMDC Rear admiral Imtiaz Ahmad HI (M) BUMDC, Principal Dental section and other Senior HODs were gathered in courtyard by keeping social distancing as per SOPs and were Dressed in green and white they showed sheer happiness by holding the flags up high in their hands and moving them back and forth in the air depicting true love for their motherland.

Official program was commenced with the few verses of Holy Quran followed by flag hoisting by DG BUMDC which was synchronized with the Awan -e -sadder Islamabad. National anthem was sung with full zeal and enthusiasm. DG, BUMDC delivered a heart touching speech on importance of independence and existence of Pakistan and role



and responsibilities as good citizens. This auspicious event was ended with the cake cutting ceremony and vote of thanks to senior faculty members who spent their time and did efforts for making that event successful.

### Career Counselling Session

On 20th December 2019, an education career counseling session was organized at BUMDC, in which Dr. Ammar Pabany was invited as a Guest Speaker to share light upon professional education in USA after BDS. House officers attended the session for career counseling that provided information regarding the admission procedure for the American universities. The session was organized by the Principal Dental College Dr. Wahab Kadri.



Dr Ammar Pabany shared his personal experience of studying and working in the USA at undergraduate and postgraduate level, he described the various study options and provided guidance on Educational Loans, NBDE examination series, D.M.D/D.D.S. versus B.D.S. He then further elaborated about



the job opportunities and career specialties. The lecture was attended by Principal Dental College Dr. Wahab Kadri, Vice Principal Dental Section Dr. Kulsoom Fatima Rizvi and other Faculty members.

### World Physical Therapy Day Celebrated

College of Physical Therapy, Bahria University hosted and celebrated World Physical Therapy day in September 2019 its annual event. Director General Karachi Campus headed the walk and Faculty members and students followed him along with Vice Principal Dr. Khalid Aziz.

### Community Support Program

#### Oral Health Awareness and Free Dental Checkup Session at Allied School by BUMDC

An oral health awareness and free dental checkup visit at Allied school – Haroon Bahria Campus was arranged on 28th August, 2019. The BUMDC



Health Care Professional team participated in the activity. The team comprised of Dr. Kulsoom Fatima Rizvi (Vice-Principal & HOD Community Dentistry), Dr. Raima Bashir and Dr. Mohsin Haider Senior lecturers and Dr. Hania, Dr .Paras, Dr. Tooba, Dr. Muneeba as House Officers and Students of 2nd Year BDS. An interactive Oral Health & Hygiene awareness session in Urdu was conducted for the students. After the interactive session, the dental team in groups provided dental checkup. Students were also given take-home coloring exercises for reinforcement of the brushing habits and were provided oral hygiene kits.

#### Free Dental Check-up by BUMDC at The Public School, Karachi

On 18th Sept. 2019, the Department of Preventive and Community Dentistry of BUMDC, under the umbrella of its Community Support Program (CSP) carried out a Dental Checkup Day at The Public School, North Karachi.

The CSP team was supervision of Dr. Kulsoom Fatima Rizvi, Vice principal and H.O.D of Community Dentistry and comprised of Dr. Raima Bashir, Dr. Mohsin Haider and Dr. Umair Aslam, (Senior Lecturers), house officers and 2nd year BDS students.

The Dental checkups were aimed to assess the prevalence of dental diseases' status of our govt. School children, and provide preliminary dental knowledge to them. Each pupil was thoroughly examined and informed about their condition. Tooth brushing techniques were demonstrated on models and healthy eating habits for preventing dental diseases were instructed on spot. An interactive session along with informative videos was also being carried out by Colgate Palmolive team for reinforcement of Dental knowledge. Oral Hygiene kits sponsored by Colgate were distributed among the children along with Oral Health activity sheets to make learning a fun filled experience.



### Beacon House School Invites BUMDC for an Oral Health Interactive Session

Kindergarten Section of Beacon House School system Malir Cantt Campus organized an awareness session for their students. The CSP (Community Support Program Team) of BUMDC was invited for an interactive Oral Health and Hygiene session on 3rd October '19 at their campus. CSP team was supervised by Dr. Kulsoom Fatima Rizvi. The target audiences were children aged between 2 to 6 years. The students were familiarized with the concept of dental cavities, its causes and how they can be prevented. Dental checkup was followed by the session facilitated by the house officers. The School Headmistress was very pleased with the CSP team and praised them with kind words of appreciation.

### An Interactive Oral Health Awareness and Dental Check-up Session at Beacon House Pre Nursery School By BUMDC

An interactive oral health awareness and free dental checkup visit at Beacon House school pre nursery III Campus North Nazimabad was arranged on 30th October, 2019. The BUMDC Health Care Professional (HCP) team participated in the activity.

The session comprised of a PowerPoint presentation of common oral diseases, its etiological & risk factors with emphasis on preventive measures. Students were given take-home coloring exercises for reinforcement of the brushing habits and oral hygiene kits at the end of the program as an incentive.

### COLGATE VISITS BUMDC

On December 4 2019, a team of Colgate representatives visited department of Operative dentistry, Periodontology and Oral diagnosis to address dental faculty and house officers regarding dentine hypersensitivity issue which is a chief concern among patients.

The team talked about sharp pain arising from exposed dentin in response to stimuli, typically thermal, evaporative, tactile, which cannot be ascribed to any other dental defect or disease. They informed about their product Colgate® Sensitive Pro-Relief Toothpaste with Pro-Argin that plugs and seals open dentine tubules thus relieving hypersensitivity. Dr. Rizwan Nazeer from department of Operative dentistry briefed the house officers regarding importance of differential diagnosis

to exclude other dental defects and diseases that might give similar presentations. The Colgate team thanked Bahria University for providing them the opportunity to introduce their Pro-Argin technology to dentists and distributed token of thanks to the participants of discussion.

### Free Dental Check-up and Awareness Session at Baba & Bhatt Islands by BUMDC Dental Team

On 19th Dec 2019, a team of Dental Surgeons and faculty of Bahria University Medical and Dental College, visited two islands named Baba and Bhatt Island under the umbrella of Community support program to conduct free dental checkup and awareness session in schools located in the vicinities of these respective islands.

The dental team comprised of 45 personnel chaired by Dr. Kulsoom Fatima Rizvi (Vice Principal Bahria Dental College and Head of Community Support Program (CSP) and Department of Preventive and Community Dentistry), Dr. Shama Asghar (HOD Operative Dentistry), Dr. Beenish Fatima (HOD Oral Biology) and Senior Lecturers Dr Muhammad Mohsin Haider, Dr. Raima Bashir, Dr. Arqam Najmi and Dr. Umama Khan (Lecturer) and 35 House Officers. The team arrived at the Karachi Shipyard at 9:30am, from where they were escorted by Pak Navy Personnel to the respective islands. The dental team was divided into 2 units with Unit-1 shepherded to a government school at Baba Island and Unit-2 to a school at Bhatt Island. Each team comprised of dental surgeons and was supervised by senior dental surgeons from the Department of Community Dentistry. The dental team performed the duties of full mouth examination and checking of dental status of each student of the school. Oral Hygiene instructions were also provided to each student.



Both the two units of dental team were guided by naval officers who facilitated the team in all the arrangements and provided with the necessary logistic support. Director Administration Commander Pakistan Navy M.Faisal Sadiq met the dental team and appreciated their efforts.

### FREE DENTAL CAMP

Shifa welfare association conducted a free medical and dental camp on 23rd February 2020 from 10:00 am to 03:00 pm near Kaybees Restaurant, Munawar Chowrangi, Karachi. Bahria University Medical & Dental College sent five dental House Officers for conducting free Dental Checkup under supervision of Dr Kulsoom Fatima Rizvi Vice Principal Dental Section.

Glimpses of the events conducted by Debates and Literary Club Of BUMDC in the year of 2020

- Orientation ceremony in the month of February, 2020
- Corona series featuring the stories of students of BUMDC who have been volunteering in corona wards
- Weekly quiz sessions being conducted online for the students
- Submission of material for the yearly BUMDC Magazine
- Online Workshops for the students (June to August, 2020)

### Orientation Ceremony

The ceremony was held in the Lecture Hall of BUMDC. Members from all study programs



(MBBS, BDS, DPT, MLT) gathered on 26th Feb 2020 for the official Welcoming and Orientation Ceremony. The ceremony was attended by Academic staff, President, Directors and members of DLC, started with the recitation of Holy Quran and it continued with the speech of admirable President Tayyab Waqas followed by the annual briefing given by President DLC Beenish Hameed. Identity cards and badges were distributed among the members. Ceremony was concluded with a short and sweet Cake Cutting ceremony.

### DURING THE PANDEMIC

Active Social media pages:

Due to the unfortunate situation created due to the ongoing pandemic, a lot of plans of Debates and Literary of BUMDC were put to halt. Due to closure of university, we couldn't arrange any live events. So instead we decided to put more focus on our social media platforms and events that could be conducted online while maintaining social distancing. Currently due to the continuous efforts of our team, we have audience of around 800 people on both Facebook and Instagram. Also we started our YouTube channel, which was very well received.

Facebook ID : [www.facebook.com/dlc.bumdc](http://www.facebook.com/dlc.bumdc)

Instagram ID : [www.instagram.com/dlc.bumdc](http://www.instagram.com/dlc.bumdc)

YouTube Channel: <https://m.youtube.com/channel/UCrvTQpdNJIYNoR7W7Z3Qmng>

### Weekly Quiz sessions for the online audience:

To engage our audience online, we have been





holding weekly quiz sessions, in which a different question is asked to the students every week. We have been receiving very good responses. Audience enjoy these quizzes and actively participates in them. Corona series to promote the awareness REGARDING COVID-19, also featuring the stories of students of BUMDC who have been volunteering in corona wards.

Our motto is Amplifying the voices that matter. That is why, we felt this as our personal responsibility in amplifying all the right voices. We consciously decided to feature the stories of students of BUMDC who have been working on the Frontline, fighting this deadly virus. This project was very well received by our audience. This brought about an unusual connection between the doctors and everyone felt emotional and inspired after reading different stories. Most of the students are volunteering at FICK, some are volunteering in PNS Shifa, managing the COVID 19 Patients.

#### Students volunteering in PNS Shifa

- M.Umair ( student 3rd year MBBS)
- Dr. Ayaz Mansoor ( MBBS 5th Batch) Student Volunteering in FIC-K (Field Isolation Center- Karachi)
- Faisal Manzoor (student of final year MBBS)
- Umair Ali (Student of 4th year MBBS)
- Yusra (4th year MBBS)
- Eeshal Naeem (final year MBBS)
- Arif Ashir (4th year MBBS)
- Dr. Midhat (MBBS 5th Batch)
- Faiza (4th year MBBS)



### Extra-Curricular Activities

#### Batch V Farewell 2019

As a tradition to officially say “GOOD BYE” to the graduating batch, on Saturday 3rd August 2019, the students of batch V BDS arranged a wonderful event to say farewell to their senior fellows. The event was attended by both the batches along with the faculty members from BUMDC. The event was arranged in the Ibn-e-sina auditorium followed by dinner served in the courtyard of college premises. The program began with the farewell speech by batch 4 class representative followed by a series of performances including skits, songs and dances. Titles and souvenirs were distributed among students. The titles of lady and lord of the evening were awarded to ‘Maqbool Ahmed’ and ‘Jannat Khurram’ respectively. The honorable Principal principal dental section Prof. Dr. Wahab Buksh Qardi and all the faculty members appreciated the organizers and gave their best wishes to the graduating batch.

#### Commencement Day Ceremony of 8th Batch of BDS

January 27, 2020, Commencement day and white coat ceremony of 8th batch of BDS was organized by Bahria University Medical and Dental College. This inaugural day is of greatest importance in a dental student’s life making headway towards the noblest profession of all times. Rear admiral Retd. Imtiaz Ahmed, (HI) M, Director General Bahria University Medical and Dental College honored the ceremony with his presence as a Chief Guest. The ceremony proceeded with a fraternal welcome address by the Principal Dental Section Prof. Dr. Wahab Buksh Kadri followed by a detailed overview about the academic years of study program of BDS, infrastructure of the institute and its accomplishments by Vice Principal Dental Section Dr. Kulsoom Fatima Rizvi.

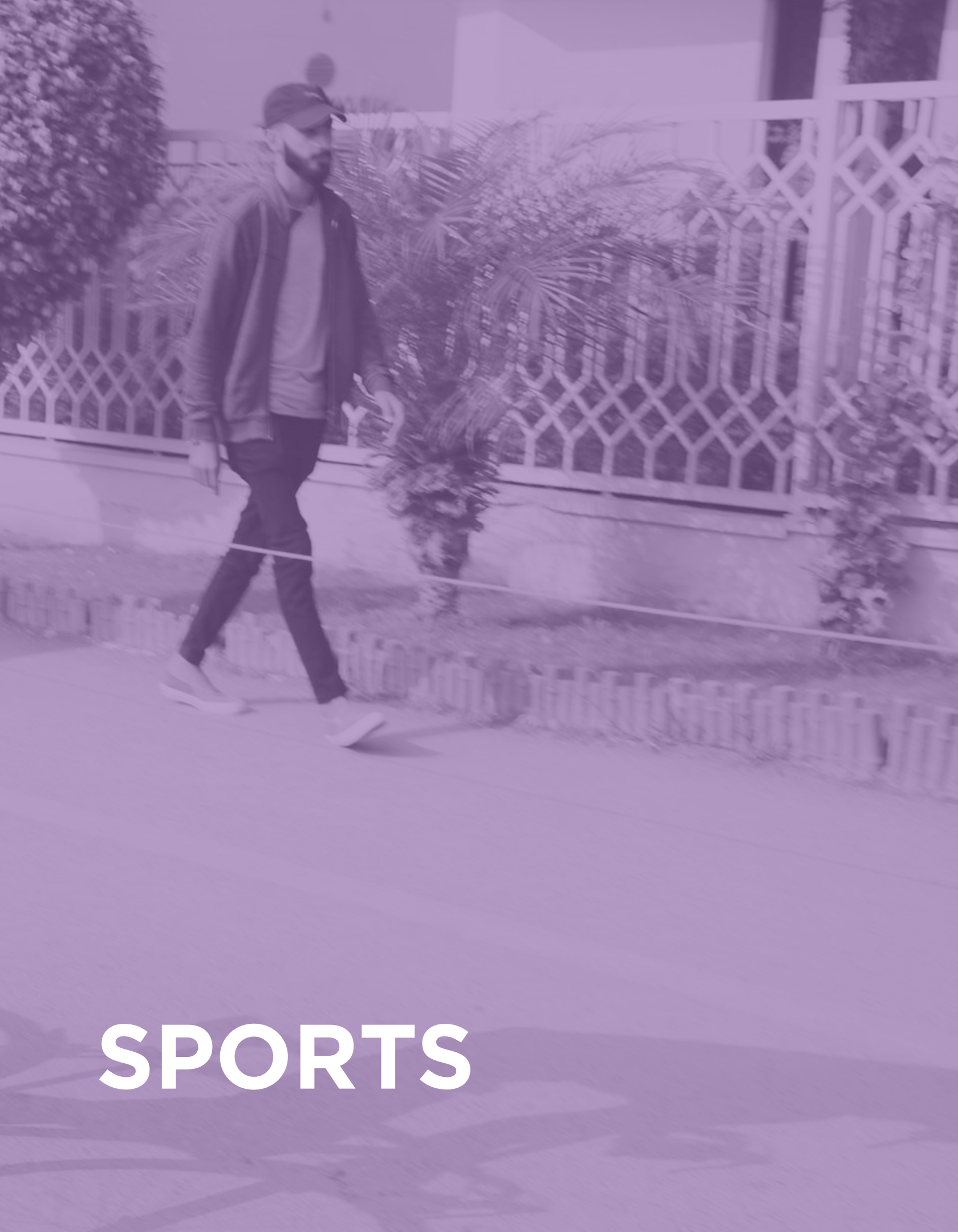




## Chapter 10

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# SPORTS



## Chapter 10

### SPORTS

Bahria University encourages sporting activities and is striving to promote the physical and mental well-being of students. Bahria University participated in national level sports events and appeared with flying colors. The details are as follows:

#### Ghulam Ishaq Khan Institute Cricket tournament

Bahria University cricket team participated in Ghulam Ishaq Khan Institute Cricket tournament held from 06 to 08 December 2019 at Peshawar. Bahria University team won against UET Peshawar team in the final.

#### Top City Cricket tournament

Bahria University cricket team participated in Top City Cricket tournament held on 21 December 2019 at Islamabad. Bahria University's team stood runner up.



#### Pinktober sports week

Pinktober sports week was organized from 05 to 11 October 2019 at BUIC. Total 06 teams participated in Basketball, Volleyball, Table Tennis, Badminton and Futsal tournaments.

#### Inter Departmental cricket tournament

Inter Departmental cricket tournament was conducted on 18 and 19 November 2019 at Naval Complex cricket ground. Total 04 teams participated in the event.

#### HEC intervarsity Premier League

HEC intervarsity Premier League Federal Level volleyball championship (women) at BUIC gymnasium. BU team qualified for final round of HEC intervarsity premier league.



BU participated in HEC intervarsity premier league federal level cricket, football and hockey (male) championships at Mir Pur (AJK) and Islamabad.





### Tug of War and Cricket

Bahria University Islamabad in collaboration with BU Media House organized 3 Day gaming event for the recreation purpose of students as well as faculty. The teams that participated were of Computer Engineering, Electrical Engineering, Computer Science, Media Department. All teams played with great sportsman spirit and enthusiasm. The Dean of Engineering Dr. Najam was the chief guest for the closing ceremony in which trophy was awarded to the winning team and the runner up. The purpose of this event was to let the faculty members and students enjoy a social event while improving the unity among them and promote IEEE Computer Society among students.



### Bahria University medical and Dental College

Sports just like studies are an important part of life and a guarantee for a healthy life. Bahria University medical and Dental College has always made sure that its students are active participants in all such opportunities. Recently its students participated in a sports Olympiad, organized by Aga Khan University under the title of "AKU sports Olympiad" which lasted over a week from 21st February 2020 to 28th February 2020.

Over 50 students of BUMDC showed active participation in different games including Basket Ball, Cricket, Badminton, Futsal, Squash, Table Tennis, Tug of war and Athletics. Both girls and boys displayed their skills and through their efforts made their mark in every game.



Games won by BUMDC include, Cricket women, table tennis women, tug of war men, 400 meters race men.. We were runner ups in squash women, 100 meters race men, 100 meters race women. Although other games were not won by students but it was a great learning for students and all of our students were happy and appreciated this great opportunity that helped them gain a new experience.



Cricket women tournament was an absolute thriller. Each game had its nail biting moments. Bumdc girls went through the tournament into the finals after defeating Aga khan, Iqra University, IBA and Szabist. All the games except one were won by BUMDC girls. Final was played against Szabist. Bumdc girls under the leadership of Iqra Ayaz, Final year MBBS won the match by 45 runs. Star players of all the matches were Laiba Sana, Duasikandar and Hiba Uzair.

Table tennis women singles was won by DuaSikandar, final year MBBS. She won the match by shinning score against UMDC and made her mark. Muhammad Ahmed, 2<sup>nd</sup> year MBBS made it



to the Quarter finals in table tennis men singles.

BUMDC students also displayed great running skills. First position in 400 meters race men by Hamza Muzaffar (final year), second position by Hamza in 100 meters men race. Second position of Maryam Junaid, final year MBBS in 100 meters women race.



Our boys also won Tug of war under the leadership of Muhammad Faraz Shaikh, final year MBBS. Him and his team managed to hold the ground and won all the matches played against different teams.

Squash matches were quite heated up aswell. Dua Sikandar, final year MBBS was the runner up of squash women. Aizaz 3<sup>rd</sup> year BDS represented BUMDC in squash men. Basket ball men and Basketball women, both were quite exciting tournaments. Women made it through the quarter finals. All in all, great team work was displayed by both the groups. Star players of basketball men were Sabihazhar, Umer Shabbir and Mustafa. Star players of basketball women were Meher and Dua Sikandar.. Futsal tournament, Cricket men tournament and Badminton tournament were also very exciting. Our players put up a great show and their energies and hopes despite the defeats were higher than ever.





All in this entire tournament was a great learning for our students and an experience that they will remember forever.

### Students Week Fall 2019

Students Week Fall 2019 was conducted at Bahria University Lahore Campus from 4 - 6 Dec 2019. Competitions were held in Cricket, Badminton, Futsal, Chess, Table Tennis, Arm Wrestling and Tug of War. Students participated in this event with great enthusiasm. Winners of all categories were awarded with the medals and trophies by Director Lahore Campus.



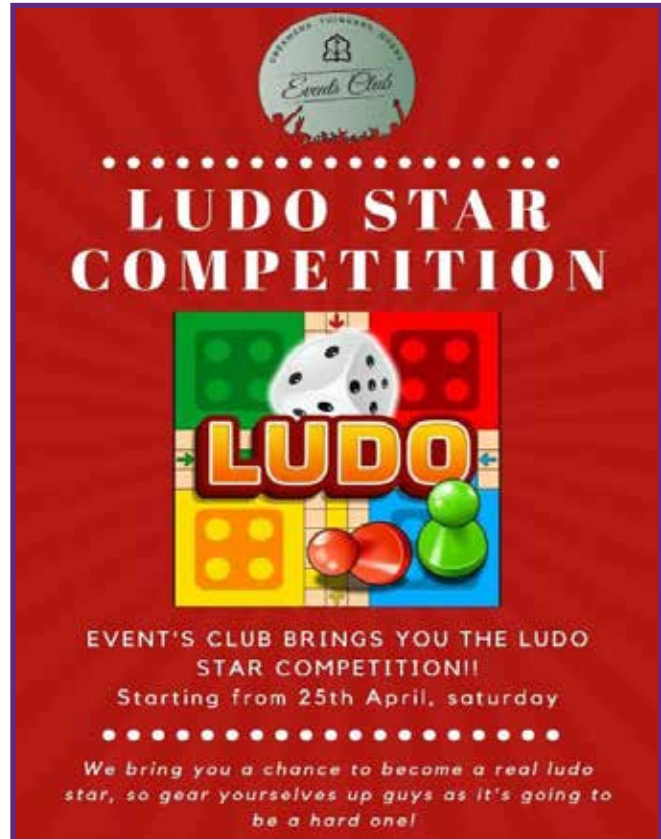
### Bahria Cricket Championship

To build friendly ties events club did collaboration with a sports club and helped them in making the event huge success. Events club provided its ushers for management in the Bahria Cricket championship, they got highly appreciated for their performance and managing skills and were provided with certificates. We are glad that our President Uzair Ahmed was leading one of the teams as a captain.



### Ludo star 2.0 competition

First virtual ludo competition was held on 25<sup>th</sup> April 2020. Events club introduced its first virtual ludo competition in which students from the entire university participated and enjoyed, different categories such as solo and team up were provided for registrations.



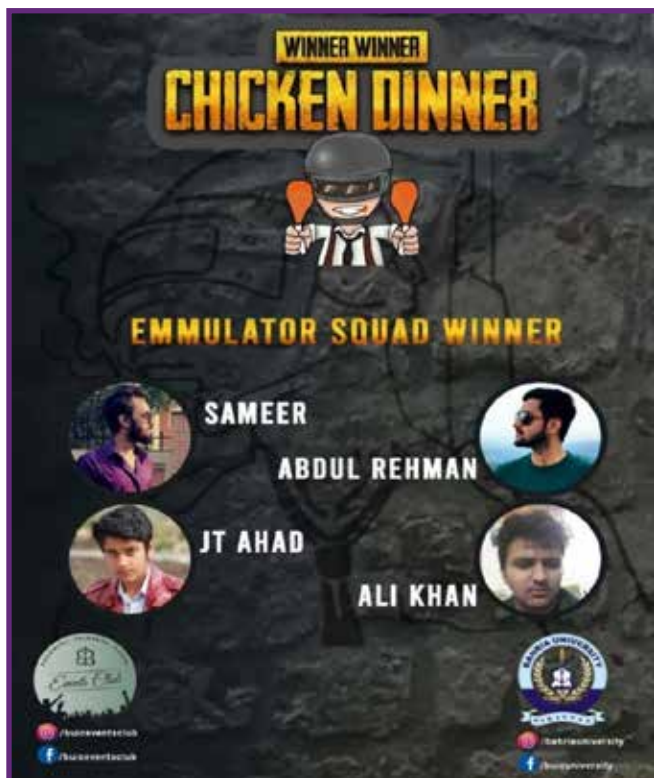
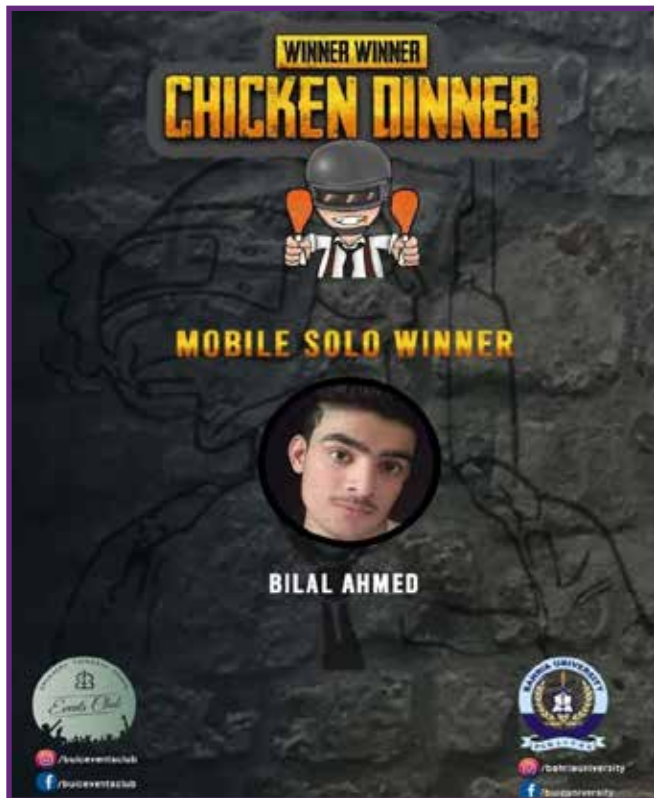
### Ludo fest 2.0

In May 2020, after the huge success of the ludo star virtual tournament and demand of members, events club brought another Ludo fest to relax the students in the vexing situation and it was added as another success story for events club.



### E-Gaming tournament

To facilitate the interests of other students events club came up with a virtual e-gaming tournament in which games like pubg were played, students from different departments registered in this full-filled tournament in categories like team and solo.



### Colors of Autumn

Overview: BUMC conducted an Arts competition on the themes of Color of Autumn on 15<sup>th</sup> October 2019. The decor team were allowed to draw/paint whatever that comes to their mind without any bounds of medium. They were free to play with the colors and go as far as their imagination allowed them to. They were given a week's time to submit their entries.



### Bahria T20 Cricket Championship

T-20 in cricket is one of its kind which is referred to as the shortest format in the sport of cricket. One such T-20 Cricket Championship was conducted by Bahria University, which took place from 17<sup>th</sup> to 18<sup>th</sup> of November and was covered and marketed by the Media Club. The event also collaborated with the other clubs of the university. It was a joint venture of the Media Club, Events Club, and Sports Society for the match, which turned out to be a memorable event.





### A Visual Story of Iqbal: A Photography Contest

A photography contest regarding a visual story of Iqbal was held on 24<sup>th</sup> November 2019. Iqbal was a man with the power of words and actions, with magical words which has an effect over the ears and minds of readers and listeners alike. He changed the vision of many, inspired the world by his Aura and pearl-woven words. Throughout his life, poetry was his sword which had phrases that melted hearts. A photography contest was held on 24<sup>th</sup> November whose objective was to define Iqbal's poetry in photograph; a real challenge. The best picture was selected afterwards, and an award of 3 thousand was given to the worthy winner.



### Trials for the sports club

After getting application forms from a lot of new comers, they were invited for the interviews and trials on 19<sup>th</sup> Feb 2020. After taking interviews and trials judges selected the ones whom they considered to be more deserving and passionate.



### Volleyball Tournament

On 21<sup>st</sup> February, a two-day volleyball tournament was conducted in which different teams participated. These matches were organised inside the gymnasium of the campus. There were total 8 teams and 7 matches held in the whole tournament.





## Badminton

This activity took place on 26<sup>th</sup> February to 1<sup>st</sup> March 2020 at UCP Lahore where BU got a chance to represent university in front of many other well known institutes from all over the country. BU female players strongly proved themselves the runners up of the tournament.



## Bahria University 5th Alumni Association(BUAA) Cricket Match Event

Bahria University 5th Alumni Association(BUAA) in collaboration with Top City organized a cricket tournament; Cricket Championship 2019 on 21st December 2019. The teams that participated included alumni, Bahria University students, Star Marketing and Top City-I. The event took place at the Top City-I Cricket Ground on Kashmir Highway. The event was sponsored by Top City-I, Star Marketing, Pak Associates, BMI Holdings and Drug Free World. Many Top management, students and cricket fans attended competitive and fun filled matches that were organized by BUAA.





Chapter 11

UNIVERSITY BUILDING  
**LEADERSHIP**



## Chapter 11

# UNIVERSITY BUILDING LEADERSHIP

## Navigating Your Leadership Journey - Harvard Kennedy School program

Industry Liaison Office at the Department of Business Studies launched its first girls leadership program in collaboration with Project Girl for Girls (G4G) Pakistan in March 2020. Project Girls for Girls (G4G) was born at the Harvard Kennedy School of Government in 2016 and its mission is to EMPOWER GIRLS TO LEAD! G4G helps young women develop the courage, vision, and skills to take on public leadership. Bringing together insights from key leaders and a global network of mentors, G4G is working to grow the pipeline of women in public leadership. G4G believes in the voices of young women, their hopes and aspirations, and their power to change the world.

The pre-launch ceremony for G4G was held on 9th March 2020. The ceremony showcased Ms. Aysha Shujaat (Country Lead- G4G Pakistan), Ms. Benazir Jatoi (Barrister), Ms. Shamza Khan (social policy advisor), and Ms. Fauzia Yazdani (senior business & marketing strategy specialist). The industry leaders shared pertinent information on the theme «Navigating Your Leadership Journey». Later, the industry leaders had an interactive session with the female students of Business Studies Department to help address leadership challenges that female students face in their personal and professional lives.



## Bahria University Model United Nation (BUMUN)

Bahria University Model United Nation 2019 was held at Bahria University Karachi Campus under the umbrella of Leadership department headed by Mr. Atif Nazeer Awan, Assistant Manager LDC in the Presidentship of Mr. Talal Asif with Secretary General Ms. Qintria Aisha Nizami. It was the 9th alteration of Bahria University Model United Nation (BUMUN). BUMUN is the model of United Nations in actual where students are allowed to convey their thoughts through a proper public forum. It includes different international and national affairs on which one can present their ideas without hesitation. It consists of different



committees for different issues. There were six committees in BUMUN'19 which were SPECPOL for the sake of political and decolonization issue, DISEC for acknowledging the correct use of military and weaponry, CAS for climate change, OIC for Muslim countries affairs, UNSC for world's security and peace and PNA which talked about Pakistan's issues and affairs. As BUMUN always sets a standard by having more and more delegates, BUMUN'19 had 208 delegates which is no doubt an achievement. BUMUN helps a student to groom not in terms of dressing but in term of knowledge and learning. It provides the student to sharpen their skills like speaking, writing, research and a lot more. BUMUN also encourages an individual to build their confidence and reduces the stage fear. Moreover, in BUMUN'19 there were 84 students from the The Citizen Foundation School (TCF) which were sponsored for their participation as a delegate. So, BUMUN is also taking part in social causes. BUMUN'19 was a huge success because of delegates and the team.

### Journey to Self-Reliance

The Deputy Director of USAID visited the Bahria University. The visit aims at exploring the avenues for cooperation in trainings, consulting and business incubation and innovation. The USAID of tomorrow will enable partner countries to plan, resource, and manage their own development through strengthened capacity and commitment—this is both the essence of the Journey to Self-Reliance and a key rationale for diversifying the USAID partner base.



### LDC-PCI Chinese Language Certification Exam

Leadership Development Center has taken initiative to offer Two-Month long Chinese Language Certification Course in collaboration with Pakistan-China Institute (PCI). The Language course will be dispensed through Chinese native speakers. The

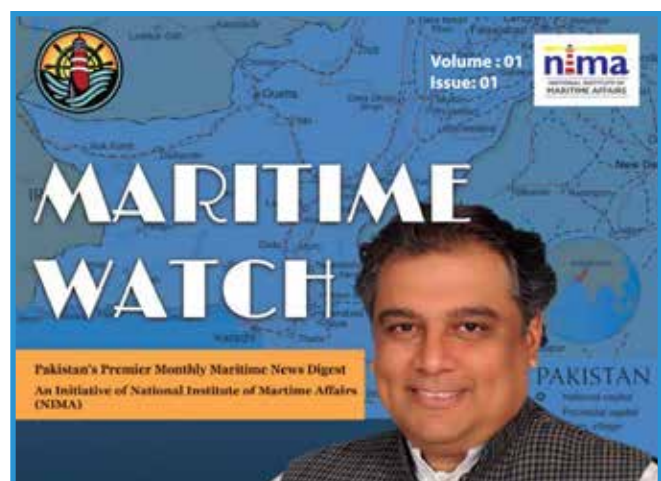
participants enrolled will be prepared for Chinese Language certification exam from Confucius Institute. Under completion the participants will be awarded HSK level I certification and a joint certificate from Bahria University and PCI.

### SAP Certification

Bahria University in conjunction with CIBA Consulting Pakistan (Pvt) Limited launched Systems, Applications and Products (SAP) in data Processing training for the batches in 2019 for its students, faculty members and externals. The training will provide a platform to individuals for their advancement and development and will be able to work in a corporate sector.

### Publication of Inaugural Issue of Maritime Watch

National Institute of Maritime Affairs (NIMA) has proudly published the first edition of Maritime Watch (MW), a monthly News Digest of Pakistan. MW acts as a depository of maritime news, discourses and articles. The first issue featured an interview with the Mr. Syed Ali Haider Zaidi, Federal Minister of Maritime Affairs. Dedicated sections in MW have been made on Maritime Directory and Books, featured articles, NIMA researcher's contribution of their research findings and developments. Desk section of MW included Marine Fisheries and Aquaculture, Trade through Dhow and Blue Economy. Team NIMA also contributed articles on Coastal tourism, Maritime education and Women Empowerment in Maritime Sector. MW is regularly sent to the maritime stakeholders including various naval units, shipping sector organizations, former/serving naval officers and libraries across the country to promote maritime awareness among the corporates, scholars, policy makers and intelligentsia.



**a) International film Festival**

The events club team participated in the International Film festival presented by the international labor organization for a cause. It was a unique experience for the members which helped them in learning new things and realities.



**b) YOLO**

YOLO; you live only once was conducted at Auditorium of Bahria University in which Guest speaker Raja Zia ul Haq addressed the audience with the realities of life. Events club provided its ushers for the smooth management of the event.

**c) Club Pre-Orientation**

Events club arranged a fun-filled preorientation session to engage with new members where the not only introduction was made between newbies and the old members of the club but also ice-breaking activities and sessions were conducted to make the environment enjoyable and release the tension of freshers, assuring events club is more than a club, it's a family.





#### d) Events club got talent (online)

Despite the lockdown Events club does not let its members feel low thus the hierarchy comes up with; the Events club got talent (EGT) in which different categories were made and members were encouraged to participate as per their interests.



#### Content Writing Competition

Overview: BU Media club has always been eminent for making its entrants luminous by offering them a right set of circumstances to leap up. As a little while back, there was a competition between members, on the topic "Arts & Competition," in which they get involved in with boldness and passion. They were given certain hints or intimations with the help of which they just wrote down the articles. As all of them showed their enthusiasm in that competition and that was auspicious. In the end, one of the articles was stated as the leading article with respect to its distinctiveness from others. And then it was publicized on face book with name and picture of that contestant.





### Hypnosis International Certification Training

Professional Psychology Department BUIIC organized a “100-Hour Hypnosis International Certification Training” from 1st-11th July 2019. The resource person includes Dr. Imran Y. Muhammad (Board Certified International Master Instructor of Hypnotherapy NGH-USA), Dr. Sobia Aftab (Certified Instructor of Hypnotherapy & Board Certified Hypnotists NGH-USA) and Dr. Uzma Masroor (Certified Trainer Hypnotherapy NGH-USA). Training was attended by Professionals & students of MS Clinical Psychology.



Management Sciences department(BULC) under the supervision of LDC.

### Individualized Educational Plan

Professional Psychology Department BUIIC organized a Three Days training on “Individualized Educational Plan (IEP) for Autism” from 11th – 13th July 2019. The resource person was Dr. Ambrin F. Masood (Assistant Professor & School Psychologist at Department of Rehabilitation and Human Services College of Allied Health Professionals Montana State University, USA) Training was attended by Professionals & students of MS Clinical Psychology.

### Professional Development Courses for Non-Teaching Faculty of BU

On 23 – 24 Jan 20, Ms. Nayab Mufti Senior Lecturer Management Science Department conducted Training on “Professional Attitude and Communication & Problem Solving Skills” of student advisors and admin staff of BULC.



### Training on Negotiation Skills

The 2- day dynamic training program on «Negotiation Skills» was successfully conducted on 30th June and 1st July, 2019, organized by



### Guest Lecture on Cultivating Resilience

Dr Salman Shahzad, Associate Professor, Institute of Clinical Psychology, University of Karachi, Karachi conducted an interactive session on developing resilience among university students. He discussed how to be flexible and how to adapt to adversities in life.



### Senior Junior Mentorship Program

The professional development of a young researcher or a student is mainly influenced by the organizational culture and the relationship with academic colleagues, especially mentors and seniors. Mentorship is a relationship in which a more experienced or more knowledgeable person guides a less experienced person. This program supports students in course completion,

confidence building and transitioning to further education.

Bahria University IEEE student branch arranged «Senior Junior Mentorship Program» on 31 Oct 19. Mentors were also awarded with certificates.



### Workshop on SharePoint Information Architecture Guidelines, Office 365 Introduction to Compliance & Security, The Essentials of Application Modernization

Workshop on "The Essentials of Application Modernization" was organized on 10 Dec 19. The purpose of the workshop was to open up the students to the application modernization, which is helpful for the students who want to learn about creating business oriented values from existing applications.



### Guest Lecture on “Andaaz-e-Baiyan”

On 17 Oct 19, the Leadership Development Center conducted a guest speaker session with Naveed Riaz. Naveed Riaz has several years of experience acting and directing dramas for television and stage. His guest speaker session titled “Andaaz-e-Baiyan” was conducted in Urdu. He taught the students



some useful tips on communicating their message effectively to their intended audience. Naveed Riaz is also the curator of a literary evening with Zia Mohyudding held every year on 31st December. The students were encouraged to participate in the event to brush up their linguistic and literary skills.



### Be Gentle with yourself: Coping with hopelessness

Department of Professional Psychology, Bahria University Lahore Campus organized an insightful talk on 29 Oct 19, in celebration of World Mental Health Day. The theme of current year was related to suicide and its prevention. Dr. Saima Majeed, Senior Clinical Psychologist in the Pakistan Institute of Mental Health (PIMH), Lahore was

the guest speaker. She conducted an interactive session on “Be Gentle with yourself: Coping with hopelessness”. The speaker emphasized that hopelessness is the major cause of suicide and if we enable our youth to cope with this misery, we can prevent them from emotional trauma and subsequently from suicide.

### Turning Contacts into References

As a part of the LDC Guest Speaker Series, the students attended a talk by Ifitkhar Hussain on 22 Oct 19. Ifitkhar Hussain has been providing mentorship at several entrepreneurial forums such as Founder Institute and Startup Grind Lahore powered by Google for Entrepreneurs. His session was titled «Turning contacts into references». This talk contained several useful tips on networking and taught the students how to differentiate themselves and socialize effectively. The discussion was relevant for graduating students looking to make a mark for themselves in entrepreneurship or in the job market.





### Information Session on SAP and GRE

An information session was conducted on 31 Oct 19 for the students to discuss their future prospects. Two organizations had been invited for that purpose. CIBA Consulting discussed the benefits of SAP certification. The second organization was PrepVista, which offers GRE preparation classes. Its representative discussed the benefits of GRE in securing admissions and scholarships abroad for higher studies. Both organizations shared their contact details with the students who were encouraged to stay in touch in case there are other queries. The Leadership Development Center intends to offer trainings on both SAP and GRE from its platform.



### Project Manager as a Leader

A Guest Speaker Session was organized by Mr. Syed Qamar Bukhari, Senior Lecturer of MS Project Management on 18 Nov 19. Guest Speaker Mr. Ahsan Maqbool - Head of IT Governance/PMO,

IT Security at Fatima Group (Fatima Fertilizers Limited) was invited to speak on the topic of "Project Manager As A Leader".



### HR Practices and actions involved with an insight on Organizational Development & Change Management Practices

Ms. Rabia Abrar Senior Lecturer invited Ms. Ammara Rehman Khan, senior HR head & Corporate Leadership Trainer to conduct an informative workshop on HR practices and actions involved in organizational development & change management practices on 6 Nov 19. In addition students who participated in this session were contacted for interviews leading to permanent jobs.



### Practical Implications of Marketing

A Guest Speaker Session was organized by Ms. Ramshah Arshad, Faculty of Management Sciences Department on 22 Nov 19. Guest speaker Ms. Sahifa Pervaiz, Brand Manager at NESTLÉ conducted an interactive session on “Practical Implications of Marketing”. She provided the practical insight of market situation in terms of competition, recent marketing trends, branding and how NESTLÉ is using promotional mix tools to sustain in the competitive environment.

conducted an informative and counselling session. The session was delivered with full spirit to many students internationally and nationally including employees at MASHQ & GE Pvt Ltd. in collaboration with Institute of Arts and Development Lahore, sponsored by Global Education Services Ltd. The topics covered were: Career Building, Management Skill and Corporate Skills.

### Practical Implications of Lean Project Management

A Guest Speaker session was organized by Mr. Muhammad Ahsan Chughtai, Senior Lecturer of Management Sciences department for the students of MS Project Management on 30 Nov 19. Guest speaker Mr. Inam Ullah Klaus, Senior



Bahria University Lahore Campus (A Project of Pakistan Navy) Practical Implications of Marketing 22<sup>nd</sup> November 2019



Project Manager at DALDA Foods conducted an interactive session on “Practical Implications of Lean Project management”. He provided the practical insight of DOWNTIME waste Eliminations using Value stream mapping, Ishikawa and Kaizen Blitz. Moreover, he briefed that how DALDA is using the mix of tools to sustain in the competitive environment.

### Career Building

On 5 Dec 19, Mr. Qaiser Malik Senior Lecturer and Career Services Coordinator (MS department)





### Local Hack Day organized by Microsoft at BULC

Local Hack day was organized and sponsored by Microsoft at Bahria University Lahore Campus on 10 Dec 19. Students gave overwhelming response to the event and participated with full zeal. Microsoft's Most Valuable Professionals were guest speakers at the event.



### Bahria Got Talent

On 24 Oct 19, a colorful event Bahria got Talent (BGT) was organized by "Arts & Dramatics Club" at BULC the event was full of interesting & wonderful performances. This platform provided an



opportunity to the students to show their hidden talent & creativity. The competition included many categories e.g. poetry, painting & sketching, singing, acting, beat boxing & arm wrestling. Abdullah from BSCS won in Painting & Sketching. Hassan from BBA won in Beat Boxing & Mazhar Fareed from BSIT won in Poetry Director Lahore Campus Cdre Shahid Amzat Wain SI (M) (Retd) awarded trophies among the winners and appreciated the efforts of each contestant.

### Game Battle 2019

IEEE BULC Student Branch organized the In-house Gaming Battle. The event was successfully executed, enjoyed and appreciated by the students. The Gaming competition was organized on 16th and 17th of December 2019 that included various games e.g. play station, pub g, battle grounds, league of legends etc.





### Speed Programming Competition

Speed Programming Competition was organized at BULC 4 Jan 20 under the supervision of Mr. Asim Ali, Sr. Assist Professor of Computer Sciences Department.

Final year students of BULC provided technical support to the participants during the competition. This event consisted of two levels: Level 0, for training the first year students who are new to programming, and Level 1, for those who have learnt programming.



### Life Journey by Admiral M Asif Sandila NI (M)

On 27 Feb 20, Former Chief of Naval Staff, Admiral M Asif Sandila NI (M) was invited at Bahria University Lahore Campus. Keeping in view the importance of moral development, Admiral M Asif Sandila NI (M) briefed students the significance of life that how it is mandatory component for a successful life and to provide the community with good citizens. It was a good interactive session where students got an opportunity to interact with such high profile personality.

### Data Science Boot Camp

“Data Science Boot Camp” held on 22-23 and 29-Feb-2020 at BULC organized by Mr. Tahir Iqbal, Sr. Asst. Prof. Department of CS. Participants were trained with all the basic and modern techniques useful for industry and academia. The objective was to enable students to learn large sets of structured and unstructured data from disparate sources.

### Workshop on “Emotional Intelligence to Enhance Managerial Skills”

On 29 Feb 20, Ms. Rabia Abrar Lecturer of Management Sciences Department conducted a workshop on “Emotional Intelligence to enhance Managerial skills”.



Haq was invited at BULC. The session was about “You Only Live Once”. Raja Zia explained about his life experiences that helped him to connect with ALLAH. He advised students to read Quran and follow the guidelines of Prophet (P.B.U.H). It was an inspirational session that motivated students to do right and good deeds.

Golf & Country Club, Lahore. A number of Eminent and World Renowned National and International psychologists presented their researches focusing on promoting Islamic Psychology as a field. Dr. Urooj Sadiq, Head of Department (Professional Psychology) participated in the conference as session chair.



### Bake Sale 2020

Arts and Dramatics Club organized Bake Sale 2020 at Bahria University Lahore Campus on 03 Mar 20. The purpose of the event was to promote the spirit of entrepreneurship in students, while enhancing their managerial skills. The beautiful décor, scrumptious food and music made the event extravaganza and proved its slogan “we make edible incredible”. Bake Sale 2020 provided a platform for charity collection to be donated to “Allah Wallay Dastarkhwan” to feed the less privileged class of society. The event was very well received by the Students, faculty and staff.

### International Conference on Islamic Perspectives in Modern Psychology

On 25 Sep 19, Students of BS Psychology participated in International Conference on “Islamic Perspectives in Modern Psychology” at Royal Palm



### 1st Fast Business Research Conference

Dr. Khurram Jaffery Senior Associate Professor of Management Sciences Department attended 1st Fast Business Research Conference on 14 Nov 19 as session Chair Representing Bahria University Lahore Campus.

### BULC Faculty as Guest of Honor at ICCAST'19

Dr. Muhammad Aasim Qureshi (Sr. Associate Professor) at CS&IT department of BULC, attended ICCSAT'19 held on November 27- 28,







### CASHBIN

Cashbin Won Entrepreneurs Startup Competition 2019 organized by Punjab Information Technology Board & Plan9 located at ARFA Technology Park.

Team Mentor: Mr. Qaiser Malik Senior Lecturer

Startup Founder CEO: Badar Saeed

Startup COO: Hamza Abbas

Startup CMO: Hamza Tanvir

Management Science students from Bahria University Lahore Campus wins the Launchpad-14th Entrepreneurs Startup Competition held at Arfa Software Technology Park, Punjab Information Technology Board and organized by PLAN9 & PLANX INCUBATORS.

Under the mentorship and supervision of Mr. Qaiser Malik, Senior Lecturer and Career Services Coordinator (MS), students namely Badar Saeed (BBA-6), Hamza Abbas (BBA-7) & Muhammad Hamza (BBA-7) actively participated in this competition with full spirit and won the Entrepreneurs Startup competition for the very first time in the history of BULC.

The startup named as “CASHBIN” will receive an office space at Plan9 and a stipend of Rs. 20,000 to each member on a monthly basis for the next 6

months. An investor will also work side by side with the startup to help in its launch and progression in the market.

### Participation in National Championship Pitch Competition

Students of Management Sciences Department participated in National Champions Pitch Competition held at CM Punjab Secretariat on 22 Jan 20, organized by PBIT and NSPIRE with support of UAE government.



### Imagine Cup Participation

BULC student “Muhammad Tahir”, under supervision of Dr. Irum Noreen, won Ignite funding for FYP entitled «Augmented Reality» on 18 Feb 20. Project could be further extended for entertainment or information systems using AR (Augmented Reality) glasses, and mobile platform. It is developed using unity 3D, Euphoria, and Image Processing on Android and Web platform.





### Punjab Safe City Authority Lahore

Mr. Qamar Abbas Bukhari Senior Lecturer, Mr. Sufian Ahmad Bajar Senior Lecturer / Coordinator (WE Programs) & Mr. M. Ahsan Chughtai Senior Lecturer of Management Sciences department arranged a study tour of Punjab Safe City Authority (PSCA) Lahore on 18 Dec 19 for the students of BBA, MBA & MSPM having core subjects of Strategic Operations Management, Project Management and Supply Chain. Students visited the PSCA and witnessed the practical implementation of Operations Management concepts, including Data sharing for decision making at Operational, Tactical and Strategic Levels. The visit was extremely informative where students interacted with all stakeholders working at PSCA Lahore.



### Workshop on Workplace Harassment

Department of Law has conducted an awareness session on workplace harassment on 24th January 2020. Ms. Malieka Farah Deeba (HOD Law) was the speaker of the workshop and the participants were the female faculty members and staff of the Bahria University Islamabad Campus.

### Faculty Workshops

A two-hour faculty workshop on human learning dynamics, was designed and carried out Five times in BUIC to cover all the FMs. One workshop was conducted for faculty of Riphah International University Meezan Campus.



### Workshops

A workshop on “Innovative Pedagogical Methods of Teaching” was organized by Electrical Engineering Department on 23 July 2019 at Sir Syed Block. The workshop was conducted by Ms. Zahra Khan, Senior Lecturer, Department of Humanities & Social Sciences, BUKC. The workshop was aimed at to

providing effective teaching strategies to achieve desired educational objectives. In this regard, activities based on modern learning and teaching methods were conducted which included use of “Conceptual Knowledge”, “Understanding of Digital Epistemology” and “Knowledge Building Skills”.

A workshop session on «Art of Dealing Academic Stress» was organized by the Electrical Engineering department for its faculty members on 6 August 2019. Ms. Shabnam Arshi, Sr. Lecturer from IPP department BUKC was the guest speaker. The session was aimed at identifying major stressors in students’ academic life and to deal effectively with these as a mentor.

A training workshop on “Outcome Based Education” was organized by the Management Sciences department on 29 August 2019. Dr Sohaib Ahmed, HoD Software Engineering department was the guest speaker. The session was attended by the faculty members of Management Sciences department.

A training workshop on ‘Transmission Line Trainer IT-4411’ was conducted by Mr. M. Hassham Altmash, Technical Support Engineer at Electrical Engineering Services (EES), in DSP and Telecom Lab of EE department on 18 September 2019. The workshop included various practical on Transmission Line Characteristics, Fault Analysis and Measurements of quantities (Signal Attenuation, Phase Shift, Frequency etc.).

A Workshop on “The Current Development of SEM and Data Analysis using Smart PLS 3.0” was conducted at the campus in collaboration with Academy of Research and Development (ACORD)

from 21 to 22 September 2019. International trainer Prof. Dr. T. Ramayah from School of Management, University Sains, Malaysia was the resource person

1. A workshop on «Startup SME - Managing and Growing Small Businesses» was organized by Manager BIC in collaboration with Small and Medium Enterprises Development Authority (SMEDA) at campus on 28 October 2019. Dr. Mir Dost, Director ORIC, Lasbela University of Agriculture, Water and Marine Sciences conducted the workshop.
2. Manager BIC conducted a workshop on “Artificial Intelligence and Block Chain” with Professionals Startups & Students on 16 October 2019. This workshop was arranged by M/s AIMS at Pak American Culture Centre (PACC), Karachi.
3. Engr. Basit Ali and Engr. Dr. Abdul Attayyab Khan of EE Department conducted a CPD workshop on “Operation and Maintenance of Gas Engine JENBACHER 420” on 26 October 2019.
4. Engr. Misbahuddin Abullah and Engr. Zuhair Arfeen of EE Department conducted a CPD workshop on “Launching your Global Data Science Career» on 12 October 2019.
5. Manager BIC conducted a workshop on “Entrepreneurial Mindset” with students of Computer Science Department on 14 October 2019.
6. A workshop on the topic of “The Transition from Geosciences Academic to the Industry” was conducted by the Department of Earth & Environmental Sciences on 28 November 2019. Mr. M Asif Iqbal, Chief Geologist M/s LMK Resources and Entrepreneur, Mr. Tahir Alam were the resource persons.
7. A workshop session on “Digital Safety & Security” was conducted by Media Studies Department for the awareness of female students on 14 November 2019. Ms. Luavut Zahid from Digital Rights Agency was the resource person.
8. A workshop on Improvisational Theater

with the title of “REVUE” was organized by Media Studies Department on 26 December 2019 at Al-Beruni Auditorium. Mr. Zaki ullah Khan, Project Director, National Academy of Performing Art, polished the skills of the students by engaging them in various activities during the workshop.

### Voice of Bahria – Season 5

We have a world, full of talented people. This particular talent is different from other talents. People sing and play magic with their voices. Like every year “Voice of Bahria” from 12th to 22nd November 2019, where multiple talents were entertained, and the best of them were given the card to the Music Society, where they can show their talents nationally. Media Club gave complete coverage to the event.

### Training Workshop Organized by Bumdc as Sunar Member



The importance of nutrition at global level is highlighted by sustainable development goal SDG 2 being “a global commitment to tackle undernutrition and hunger”. This places especial emphasis on building research interest in nutrition as working on problems leading to undernutrition at grassroot level is the only way to curb and eventually end undernutrition at global level. As the target of ending hunger and all forms of malnutrition by 2030 according to 2030 Agenda for Sustainable Development, is only 10 years away. That’s why the effort of Scale Up Nutrition programme (SUN) as promoting workshops to engage more and more healthcare related individuals into research in nutrition is an extremely excellent and currently imperative effort.

As part of the successive workshops to delineate worth of research in nutrition, under the dominion



of Planning Commission Pakistan, Scale Up Nutrition Programme (SUN), a workshop was arranged in ambit of Dr. Mehreen Lateef Head of Department Multidisciplinary Research Laboratory, Bahria University Medical & Dental College on 16th February 2020..

Honourable Director General Bahria University Medical and Dental College, Rear admiral Imtiaz Ahmed, HI (M), graced the occasion with his presence. Director General Rear admiral Imtiaz Ahmed, HI(M) addressed the gathering and appreciated the effort of concocting this event. Director General Rear admiral Imtiaz Ahmed, HI(M) gave shields and certificate to the speakers.

The focus of the workshop was to highlight significance of research related to nutrition from a broader perspective encompassing linkage of nutrition related research to various other specialities. The workshop was conducted by highly qualified excellent speakers, including speakers from SZABIST and Dow University of Health Sciences as external speakers. The workshop commenced with welcome note to participants by Dr. Mehreen Lateef, HOD MDRL and Associate Professor Biochemistry. The first half of the workshop was centered around introducing and updating the participants on qualitative and quantitative research methodologies along with their connection in particular to Nutrition Research. The second half of the workshop incorporated broadening horizon of participants regarding prompt direction and methodology of research pertaining to Nutrition. The speakers of the first half were Dr. Bilal from SZABIST and Dr. Shumaila from Dow University of Health Sciences. Dr. Bilal is a Public Health Specialist and he delivered a session on qualitative research methodology coupled to Nutrition research including meticulous use of NVivo qualitative data analysis software. The

second speaker was Dr. Shumaila, a Public Health specialist. Dr. Shumaila elaborated to participants thoroughly the quantitative research methodology and it's varied as well as extensive uses in Nutrition Research.

The second half of the workshop was aimed at broadening horizon of participants regarding the extensive scope of research in Nutrition and providing a prompt direction related to appropriate methodology to be followed in order to excel in Scientific writing pertaining to research in Nutrition.

The speakers of the second half included Dr. Mehreen Lateef, HOD MDRL Bahria University Medical & Dental College and Associate Professor Biochemistry, Dr. Shizma Junejo, Senior Lecturer Pharmacology Department, Bahria University Medical & Dental College, Ms. Shafaq Senior Lecturer Biochemistry MLT, Bahria University Medical & Dental College.

The second half commenced with session by Dr. Shizma Junejo titled as "scope of research in Clinical Nutrition". Being MSc Clinical Nutrition from Roehampton University London, Dr. Shizma Junejo building on her expertise in the field, provided an appropriate line of action to participants about vast scope of research related to nutrition. She provided necessary background knowledge regarding myriad of possibilities of research emanating from nutrition as a speciality, that can be interspersed with various subjects of Basic Medical Sciences and Clinical Sciences.

The most remarkable aspect of second half was a cutting-edge level session by eminent researcher, Scientist and educationist Dr. Mehreen Lateef. Having done PhD Biochemistry work from Ohio University USA in collaboration with Karachi University, with over 80 publications to her credit, Dr. Mehreen Lateef embarked on an area as a researcher, being "Writing Research Grant Proposal". Dr. Mehreen Lateef by utilization of her astute knowledge and skills depicted the complex, lofty, elaborated process of "Writing Research Grant Proposal" having the capacity of gaining success at level of leading national as well as international funding agencies, an extremely precise and simple for the participants. She also provided holistic guidance to the participants regarding national and international funding agencies. The last speaker of the session Ms. Shafaq. Having qualification of MSc Biochemistry from Karachi University, she guided



the participants regarding the correct methodology of writing a research synopsis and as part of it she also discussed the errors commonly done in the process with provision of guidance regarding avoiding those errors.

At the end of the workshop Dr.Mehreen Lateef, HoD MDRL, Associate Professor Biochemistry, presented “vote of thanks” to the participants. The workshop ended on a high note. It was immensely appreciated and considered very informative by all the participants. The participants appreciated every speaker for the incredibly immaculate and state of the art sessions.

### Master Trainer from BUMDC Provide Traing to Szabist Institute

Govt of Pakistan Planning and Commission selected Dr. Mehreen as Master Trainer from BUMDC to train research postgraduate students in the field of clinical nutrition, who delivered her talk in workshop for SABIST students of Masters of Public Health on 16th February, 2020.

### HARVARD NATIONAL MODEL UNITED NATIONS CONFERENCE 2020

2nd year BDS student ZARGUL participated in the conference held at Harvard University. The Harvard National Model United Nations Conference is a forum for delegates and advisors alike to come together and debate many of the world’s most pressing issues in a truly expressive way. It featured twenty-five carefully crafted committees, including a Joint-Crisis Committee, an entirely Spanish-speaking committee, Harvard’s renowned Press Corps and Non-Governmental Organizations Programme, and a realistic interaction between one of the General Assembly committees and the United Nations Security Council.

### PARTICIPATION OF 2ND YEAR BDS STUDENTS IN 3RD ANNUAL BDS CONFERENCE & DINE

The 3rd annual BDS conference was held in Lahore on 23rd February 2020. The conference was organized by dental students of BUMDC, Nishtar University, Multan and Watim Dental College, Rawalpindi. There were four CDE lectures, a poster competition and a Table Clinic competition in the conference. Students of 2nd year BDS Arslan Shahid, Rafay Raza and Maryam Zafar presented their poster of the topics of periodontitis and gingivitis. The poster on periodontitis ranked 4th and Arslan Shahid

received the certificate of the best co-organizer of the event.





# BAHRIA UNIVERSITY



Chapter 12

## UNIVERSITY GOVERNANCE



## Chapter 12

### UNIVERSITY GOVERNANCE

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. The top management of Bahria University provide a platform for promising minds to come together, pioneer new thought and serve the world around them.

#### Board of Governors Meeting 2019

#### Naval Chief Admiral Zafar Abbasi Chaired BOG Meeting, Appreciated Efforts of Bahria University for Students Grooming

Chief of Naval Staff Admiral Zafar Mahmood Abbasi NI (M) chaired the 41st meeting of the Board of Governors of Bahria University at BU Head Office Islamabad on 30<sup>th</sup> July 2019.





A detailed briefing was given to the board on the progress of various ongoing projects, with special reference to growth and diversification in academic disciplines, infrastructure enhancement, budget and new initiatives of academic & nonacademic areas. Naval Chief who is also the Pro-Chancellor and Chairman Board of Governors Bahria University appreciated efforts for focusing on students grooming through academic teachings and its core values of integrity, creativity and excellence.

He also appreciated the academic benchmarks being raised in the university aligned with its strategic vision and mission, including the programs being introduced in the domain of Maritime research and studies. Bahria University has expended its domain to become first Maritime University of Pakistan with underlying objective of contributing towards blue economy of the country. BOG meeting was attended by Board Members including senior Naval Officers, Secretary Ministry of Science & Technology, Financial Adviser Planning Ministry of Finance, Rector BU and relevant top management of Bahria University.

#### Honorable participants of 41<sup>st</sup> BOG meeting:

##### Naval Headquarters:

a.	Admiral Zafar Mahmood Abbasi NI (M) Chief of the Naval Staff	Pro-Chancellor & Chairman BoG
b.	Vice Admiral Kaleem Shaukat HI (M) Vice Chief of Naval Staff	Member
c.	Vice Admiral Ather Mukhtar HI (M) Chief of Staff (Personnel)	Member
d.	Rear Admiral Abdul Basit Butt HI (M) Director General Naval Intelligence	Member
e.	Surg Rear Admiral Ch Muhammad Qamar UI Haq Noor Director General Medical Services (Navy)	Member
f.	Rear Admiral Abdul Samad SI (M) Deputy Chief of Naval Staff (Training & Evaluation )	Member

g.	Captain Aamer Rasheed Malik PN Director Naval Education	Member
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##### Admin Authorities:

h.	Commodore Hamid Hussain SI (M) Commander North	Member
j.	Captain SWyed Atif Shah TBt PN CTA (attended on behalf of COMKAR ) (Through Video Link at BUKC)	Member

##### Constituent Units:

k.	Vice Admiral (Retd) Sayyid Khawar Ali HI (M) DG NIMA (National Institute of Maritime Affairs)	Member
l.	Rear Admiral (Retd) Imtiaz Ahmad HI (M) Director General BUM&DC, Karachi (Through Video Link)	Member
	Rear Admiral (Retd) Nasir Mahmood HI (M) DG Islamabad Campus	Member
n.	Rear Admiral (Retd) Mukhtar Khan HI (M) Director General Karachi Campus (Through Video Link)	Member
p.	Cdre (Retd) Shahid Azmat Wain SI (M) Director BU Lahore Campus (Through Video Link)	To attend on instructions of Chairman BoG

##### Ministries/Universities:

q.	Capt (Retd) Nasim Nawaz Secy Ministry of Science & Technology	Member
r.	Prof Dr Muhammad Qasim Jan HI Advisor, COMSTECH Secretariat	Member
s.	Prof Dr Misbah-Ud-Din Shami SI Founding Member, Islamic World Academy of Sciences Islamabad	Member

t.	Muhammad Bilal Financial Advisor (Cabinet/ HEC) Rep of Secretary Ministry of Finance	Member
<b>Internal:</b>		
u.	Vice Admiral (Retd) Muhammad Shafiq HI (M) Rector, Bahria University	Member
v.	Rear Admiral Habib ur Rehman HI(M) Pro-Rector Bahria University	Member
w.	Surg Rear Admiral Najm-us- Saqib T.Bt Director General Health Services	Member
x.	Cdre (Retd) Muhammad Hisham SI (M) Registrar/Secy BoG	Member

y.	Prof Dr Asad Ullah Khan Dean Faculty of Health Sciences (Through Video Link)	Member
z.	Prof Dr Farooq-e-Azam Cheema Dean Faculty of Management & Social Sciences (Through Video Link)	Member
	Prof Dr Muhammad Najam- ul-Islam Dean Faculty of Engineering Sciences	Member
	Prof Dr Zainab F Zadeh Dean Faculty of Psychology (Through Video Link)	Member

**Board of Governors Meeting 2020**

**Naval Chief Admiral Zafar Abbasi Chaired BOG Meeting**

Chief of Naval Staff Admiral Zafar Mahmood Abbasi NI (M) chaired 42<sup>nd</sup> meeting of Board of Governors of Bahria University at BU Head Office Islamabad. A detailed briefing was given to the Board on progress of various





ongoing projects, with special reference to growth and diversification in academic disciplines, infrastructure enhancement, budget and new initiatives of academic & nonacademic areas. Chief of the Naval Staff who is also the Pro-Chancellor and Chairman Board of Governors Bahria University appreciated efforts for focusing on students grooming through academic teachings and its core values of integrity, creativity and excellence.

Prior start of the Board meeting, Admiral Abbasi also inaugurated various new academic facilities at BU Islamabad Campus including an Academic Block, Bahria Innovation Centre and Chinese Language Lab. He appreciated the academic benchmarks being raised in the university aligned with its strategic vision and mission. Innovation Center at Bahria University aims to provide inclusive support and facilities to all its components for a state-of-the-art Center to foster networking for its startups, SME's and Commercial Research, including Maker space, Startup Factory, Accelerators & Industrial offices, Research Centers and Training & Capacity Building Space. Varsity has also established Chinese Language Lab with Chinese instructors for understanding the language through cultural knowledge. Chinese Ambassador to Pakistan H.E. Yao Jing was also present during the inaugural session. The ambassador lauded the efforts of the university for providing versatile academic opportunities to the students.

BoG Meeting was attended by Board Members including senior Naval Officers, Secretary Ministry of Science & Technology, Financial Adviser Planning Ministry of Finance, Rector BU and relevant top management of Bahria University.

#### Honorable participants of 42<sup>nd</sup> BOG meeting:

##### Naval Headquarters:

a.	Admiral Zafar Mahmood Abbasi NI (M) Chief of the Naval Staff	Pro-Chancellor & Chairman BoG
b.	Vice Admiral Muhammad Fayyaz Gilani HI (M) Vice Chief of Naval Staff/ Chief of Staff (Personnel)	Member
c.	Rear Admiral Abdul Basit Butt HI (M) Director General Naval Intelligence	Member
d.	Surg Rear Admiral Ch Muhammad Qamar UI Haq Noor TI (M) Director General Medical Services (Navy)	Member

e.	Rear Admiral Sh Imran Nasir SI (M) Acting DCNS (Training & Evaluation)	Member
f.	Captain Aamer Rasheed Malik PN Director Naval Education	Member

##### Admin Authorities:

g.	Vice Admiral Zahid Ilyas HI (M), S.Bt Commander Karachi (Through Video Link at VLC Room BUKC)	Member
h.	Commodore Bilal Abdul Nasir SI (M) Commander North	Member

##### Constituent Units / NIMA:

j.	Vice Admiral Abdul Aleem HI(M) DG National Institute of Maritime Affairs (NIMA)	Member
k.	Rear Admiral Naveed Ahmad Rizvi HI(M) DG Islamabad Campus	Member
l.	Rear Admiral (Retd) Imtiaz Ahmad HI (M) Director General BUM&DC, Karachi (Through Video Link)	Member
m.	Rear Admiral (Retd) Mukhtar Khan HI (M) Director General Karachi Campus (Through Video Link)	Member
n.	Cdre (Retd) Shahid Azmat Wain SI (M) Director BU Lahore Campus (Through Video Link)	Member

##### Ministries/Universities:

p.	Capt (Retd) Nasim Nawaz Secy Ministry of Science & Technology	Member
q.	Prof. Dr. Anis Ahmad Vice-Chancellor Riphah International University	Member
r.	Prof Dr Muhammad Qasim Jan HI Advisor, COMSTECH Secretariat	Member

s.	Professor Dr. Misbah-Ud-Din Shami SI Founding Member, Islamic World Academy of Sciences Islamabad	Member
t.	Mr. Muhammad Bilal Financial Advisor (Cabinet/ HEC Rep of Secretary Ministry of Finance	Member
<b>Internal:</b>		
.u	Vice Admiral Kaleem (Shaukat HI (M) Rector, Bahria University	Member
v.	Rear Admiral (Retd) Nasir Mahmood HI (M) Pro-Rector (RIC) Bahria University	Member
w.	Surg Rear Admiral (Retd) Najam-us-Saqib T.Bt Director General Health Services	Member
x.	Rear Admiral Habib ur Rehman HI(M) Pro-Rector (Academics) Bahria University	Member

y.	Cdre Shafqat Azad SI(M), S.Bt Registrar/Secy BoG	Member
z.	Prof Dr Asad Ullah Khan Dean Faculty of Health Sciences (Through Video Link)	Member
aa.	Prof Dr Atif Raza Jafri Dean Faculty of Engineering Sciences	Member
bb.	Associate Professor Dr Ali Imtiaz Dean Faculty of Management & Social Sciences	Member
cc.	Prof Dr Zainab Bhutto Principal & Director IPP (Through Video Link)	Member





Chapter 13

HEALTH CARE &  
**MEDICAL FACILITIES**



## Chapter 13

# HEALTH CARE AND MEDICAL FACILITIES

Bahria University is one of the prominent institutions where students, officers, staff and faculty members receive medical / emergency first aid and counseling support services. Medical consultation and free medication is being provided to the staff and students up to an average of 60 patients daily.

### Health and Safety Protocols – COVID-19

Bahria University ensured Health and Safety Protocols by disinfecting and sterilizing the campuses before the opening. All of the basic precautionary measures advised by the Government of Pakistan and HEC were implemented and circulated to the faculty, students and employees time to time through emails, notice boards, social media and websites. Bahria Universities designated a senior official in charge who was responsible for the implementation of these protocols, including the preparation of policy documents (i.e., arrival protocols, SOPs/ Campus Safety Protocols). Useful Contact Information and separate documents were also prepared that contained a list of all useful contacts, including the Designated Authority, the Designated Hospitals, and other officials responsible for various Covid-related duties.

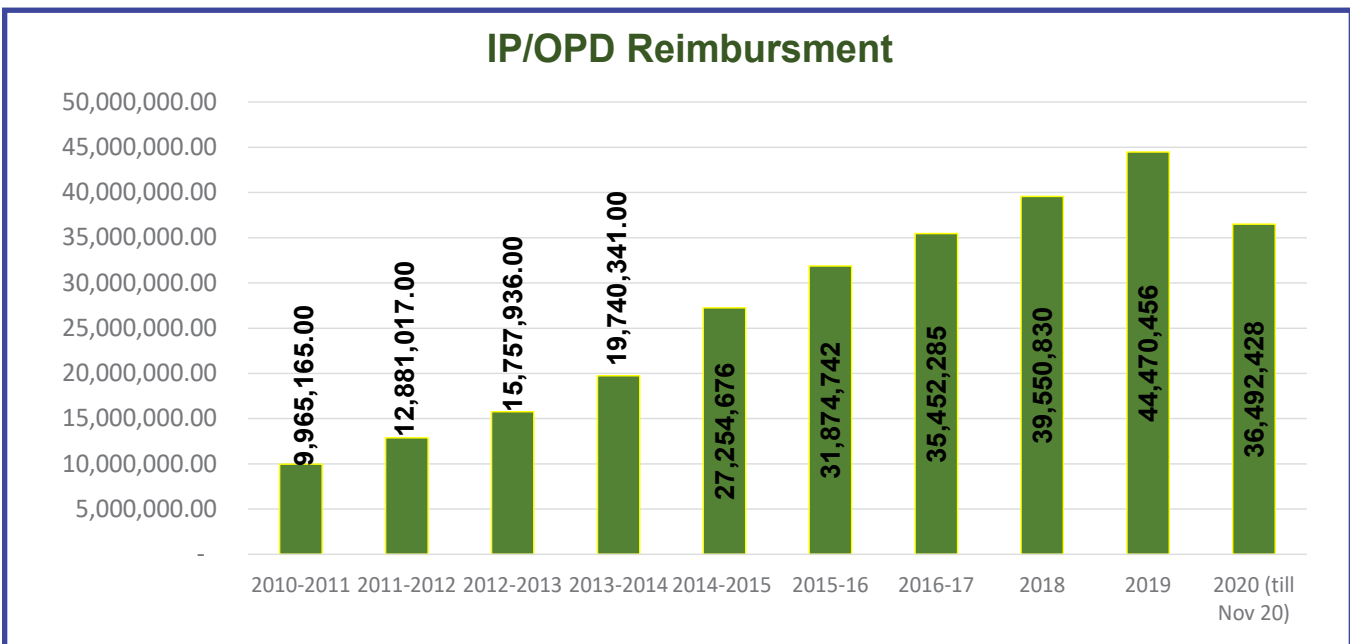
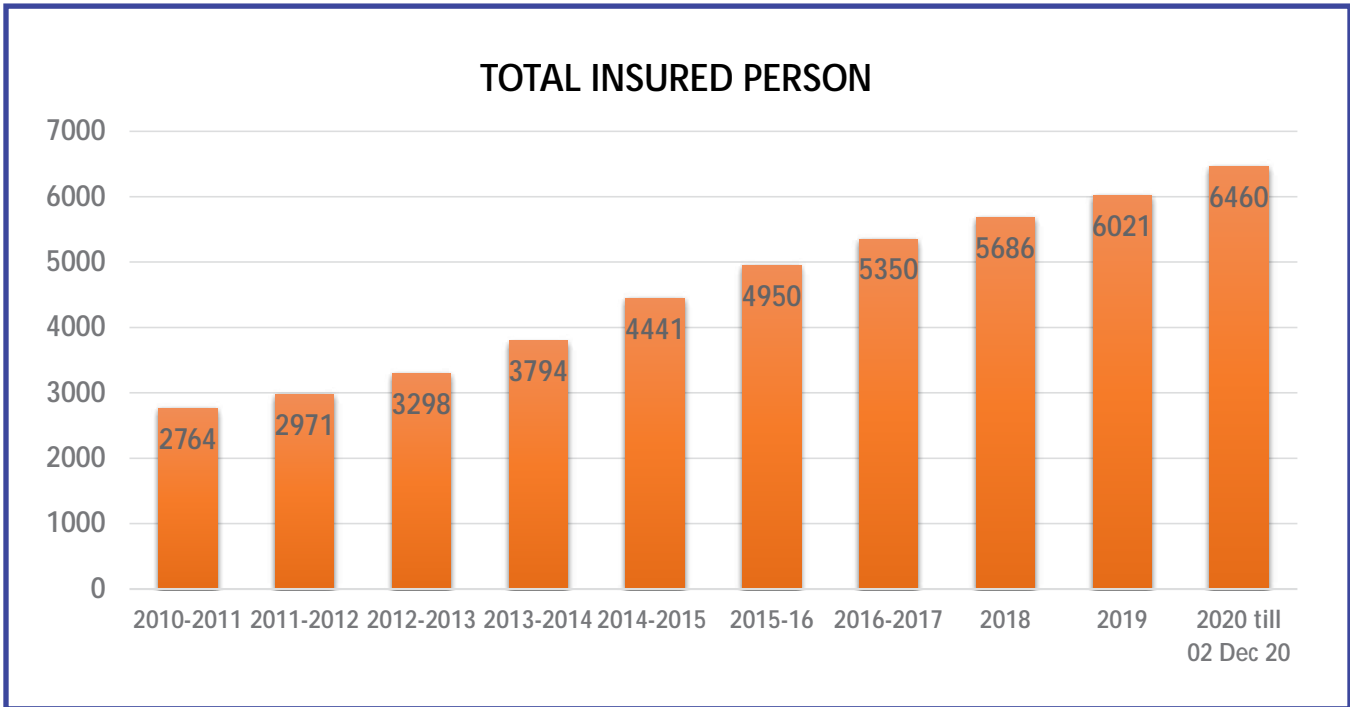


**Bahria University Health insurance coverage**

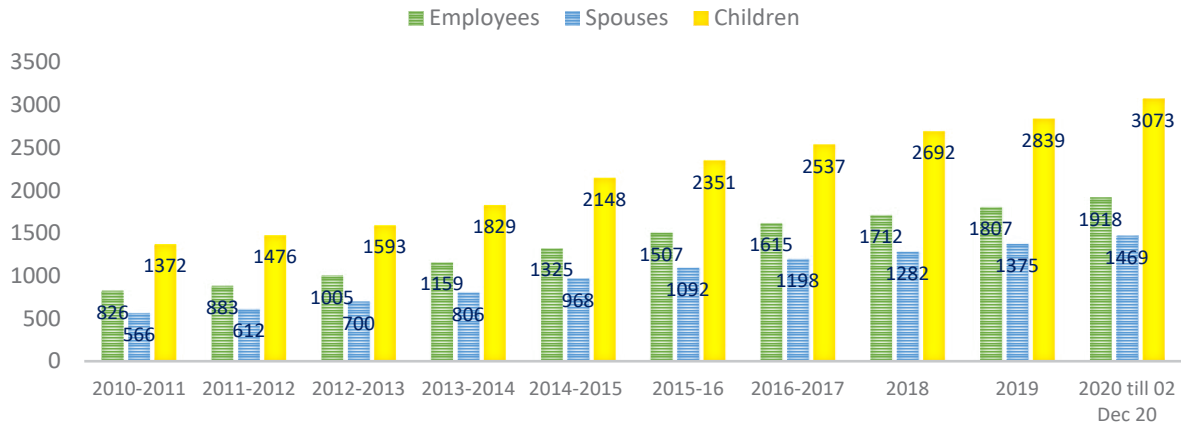
Bahria University has always been conscious of providing every possible facility to its employees. Provision of healthcare coverage to BU employees is one of such initiatives. Health cover can relieve the employees and their families from the worries of unexpected diseases/ailments, surgery and out patients care. The healthcare is introduced to compensate expenditure incurred by the university employees on treatment of diseases / ailments. To provide better medical facilities and 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 Company (JGI) is providing Health insurance coverage to BU Employees and their dependents.

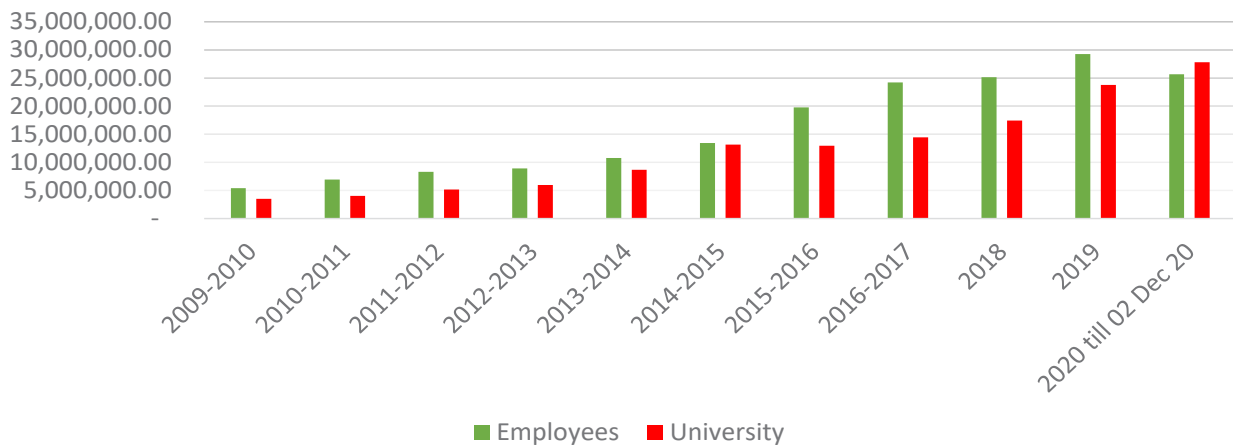
Following graphs show the last ten years data of total insured persons / employees, indoor / outdoor reimbursement about details, strength of employees and their spouses and children availing the health insurance facility, ratio of employees and dependents for current year policy, and the



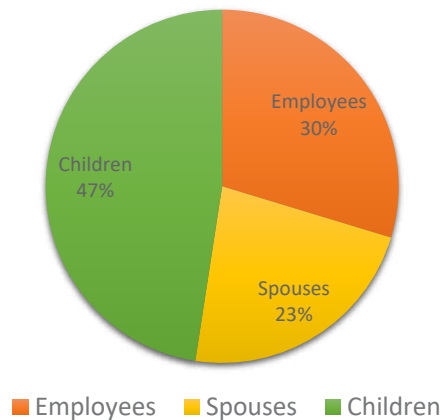
### STRENGTH OF EMPLOYEES / SPOUSES AND CHILDREN



### BAHRIA UNIVERSITY & EMPLOYEES PREMIUM CONTRIBUTION BREAKUP



### Ratio of employees and dependents for current year policy







Chapter 14

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BUDGET &  
**FINANCE**

## Chapter 14

### BUDGET & FINANCE

Bahria University has allocated a lot of resources for its market-based, competitive initiatives that allows the university to develop new programs, spend on development of new infrastructure to carry these programs, and sustain these initiatives with continuous provision of resources. The statement of Financial position as at June 30, 2020, Statement of Cash-flows for the year ended June 30, 2020, and Income and expenditure statement for the year ended June 30, 2020 are as follows:

<b>BAHRIA UNIVERSITY</b>			
<b>STATEMENT OF FINANCIAL POSITION</b>			
<b>AS AT 30 JUNE 2020</b>			
	NOTE	2020 Rupees	2019 Rupees
<b>ASSETS</b>			
<b>NON-CURRENT ASSETS</b>			
Property and equipment	4	3,374,777,503	2,770,213,523
Long term investment	5	-	10,116,977
Long term deposits		20,798,302	9,991,410
		<b>3,395,575,805.15</b>	<b>2,790,321,910</b>
<b>CURRENT ASSETS</b>			
Advances	6	55,572,592	51,958,202
Prepayments	7	13,349,460	46,228,996
Other receivables	8	689,513,293	941,400,000
Short term investments		841,809,382	662,227,422
Cash and bank balances	10	1,600,244,727	1,701,814,620
		<b>4,995,820,532</b>	<b>4,492,136,530</b>
<b>TOTAL ASSETS</b>			
<b>FUND, RESERVE AND LIABILITIES</b>			
<b>FUND AND RESERVE</b>			
General fund		4,185,068,133	3,857,993,274
Fair value reserve		-	116,977
Total fund and reserve		<b>4,185,068,133</b>	<b>3,858,110,251</b>
<b>NON-CURRENT LIABILITIES</b>			
Deferred credit - grants	9	206,710,265	145,334,526
Student's security deposits	11	265,810,059	259,298,407
Gratuity payable		14,519,198	5,855,060
		<b>487,039,522</b>	<b>410,487,993</b>
<b>CURRENT LIABILITIES</b>			
Current portion of student's security deposits	11	40,012,525	20,078,104
Other payables	12	283,700,352	203,460,182
		323,712,877	223,538,286
		<b>810,752,399</b>	<b>634,026,279</b>
<b>TOTAL LIABILITIES</b>			
<b>CONTINGENCIES AND COMMITMENTS</b>			
	13		
<b>TOTAL FUND, RESERVE AND LIABILITIES</b>		<b>4,995,820,532</b>	<b>4,492,136,530</b>

The annexed notes form an integral part of these financial statements.

**BAHRIA UNIVERSITY****STATEMENT OF CASH FLOWS****FOR THE YEAR ENDED 30 JUNE 2020**

<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>	<b>NOTE</b>	<b>2020 Rupees</b>	<b>2019 Rupees</b>
Surplus for the year		444,657,466	695,866,214
<b>Adjustments for:</b>			
Depreciation	4	514,356,998	344,912,722
Gain on disposal of operating fixed assets		(6,911,804)	(3,031,924)
Amortization of grants		(443,484,725)	(445,896,980)
Profit on bank deposits		(120,879,598)	(72,319,609)
		(56,919,129)	(176,335,791)
		<b>387,738,337</b>	<b>519,530,423</b>
<b>Changes in:</b>			
Advances Prepayments Other receivables		(3,614,390)	( 952,658 5,930,938
Increase in accrued and other liabilities		32,879,536 80,240,171	(8,604,085) (86,932,688)
		109,505,317	85,212,199
		<b>497,243,654</b>	<b>604,742,621</b>
<b>Cash generated from operations</b>			
Long term deposits		(10,806,892)	(227,000)
Student's security deposits		26,446,073 )	49,743,064 )
		15,639,181	49,516,064
		<b>512,882,835</b>	<b>654,258,685</b>
Net cash generated from operating activities			
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>			
Capital expenditure on property and equipment		(1,136,507,071)	(970,557,337)
Proceeds from sale of property and equipment		24,497,897	4,111,475
Profit on bank deposits received		120,879,598	68,494,591
Short term investments made		251,886,707	(627,600,044)
Long term investment made		10,116,977	106,660
<b>Net cash used in investing activities</b>		<b>(729,125,892)</b>	<b>(1,525,444,654)</b>
<b>CASH FLOWS FROM FINANCING ACTIVITIES</b>			
Grants received		504,860,464	505,938,550
General fund		(109,035,446)	-
Net cash from financing activities		<b>395,825,018</b>	<b>505,938,550</b>
<b>Net increase / (decrease) in cash and cash equivalents during the year</b>		179,581,961	(365,247,419)
<b>Cash and cash equivalents at the beginning of the year</b>		662,227,422	1,027,474,841
<b>Cash and cash equivalents at the end of the year</b>	10	<b>841,809,382</b>	<b>662,227,422</b>

The annexed notes form an integral part of these financial statements.



**BAHRIA UNIVERSITY**  
**INCOME AND EXPENDITURE ACCOUNT**  
**FOR THE YEAR ENDED 30 JUNE 2020**

	NOTE	2020 Rupees	2019 Rupees
<b>INCOME</b>			
Fee income	14	3,318,365,421	3,151,000,968
Amortization of grants	9	443,484,725	445,896,980
Other income	15	246,857,640	210,390,682
		<b>4,008,707,786</b>	<b>3,807,288,630</b>
<b>EXPENDITURE</b>			
Salaries, wages and other benefits		2,330,870,730	2,146,548,026
Traveling expenses		14,860,944	20,846,335
Repair and maintenance		86,948,365	83,128,316
Workshops and conferences		11,278,905	19,965,667
Utilities and communication		151,442,137	123,018,681
Professional services		29,855,769	34,514,274
Patients Consultation Fee		249,000	249,000
Security Services Charges		18,750,773	11,478,757
Audit fee		27,907,265	45,252,231
Equipment operation		5,917,411	6,521,950
Donation		2,122,284	11,098,791
Student expenses		32,718,395	26,577,679
Entertainment expenses		24,112,273	2,028,776
Newspaper and periodicals		6,421,624	6,593,514
Printing and stationery		9,324,492	10,411,941
Insurance		101,088,335	60,178,076
Postage and courier expenses		5,816,682	7,023,886
Renewals, registration and licenses		32,673,405	56,123,906
Scholarships		19,721,960	1,076,900
Advertisement and publicity		38,351,193	-
Rent, rate and taxes		53,841,029	47,452,527
A liated examination expenses		514,356,998	344,912,722
Research and development		380,637	731,286
Depreciation	4.1	14,584,420	12,172,630
Bank charges		1,619,183	1,906,787
Hostel expenses		21,859,934	19,976,020
Sports activities		4,394,244	2,558,409
New intake expense		2,581,933	9,075,329
Gardening, cleaning and garbage expenses			
Miscellaneous			
		<b>3,564,050,320</b>	<b>3,111,422,416</b>
<b>SURPLUS FOR THE YEAR</b>		<b>444,657,466</b>	<b>695,866,214</b>

The annexed notes form an integral part of these financial statements.





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