



**BAHRIA UNIVERSITY**  
Discovering Knowledge

# ANNUAL REPORT 2020-21





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Discovering Knowledge

# ANNUAL REPORT 2020-21

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

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# Rector's Message



It is a matter of pride for me to head Bahria University, one of the pioneer institutions, providing quality higher education in Pakistan, committed to meet scholarly challenges of the modern world. With a distinguished history traversing over two decades, Bahria University possesses a distinctive status amongst Pakistan's Higher Education Segments, contributing to serving the nation in various scholarly areas. This annual report will take you through the accomplishments made by the University in key areas of Instructions, Communication, Research & Development and Organization, amid 2020-2021. The scale and speed of alter related to the execution of our methodology during the period was phenomenal.

Apart from numerous accomplishments, this yearly report shows our sound professional commitment. It is pertinent to mention that the magnitude of our work has extended altogether. With a vision "To become an internationally recognized University that contributes towards the development of the nation through Excellence in Education and Research", Bahria University is committed to conduct quality research that will benefit the society on a tremendous scale. Bahria University is a place where students and teachers benefit from a productive learning environment. Students have an opportunity to encounter differing qualities of societies, such as, diversity of culture which helps in creating a sound sense of regard, resilience, and fellowship contributing towards advancement, universal collaboration, peace, and exchange of positive discourse.

The success that we were able to achieve during the period lead us to be imaginative scholastically, hence building an affluent and vibrant society. Bahria University will proceed to maintain strategic alliance with HEC's vision by contributing to the socio-economic improvement of Pakistan and preparing future leaders for the country.

**KALEEM SHAUKAT HI (M)**  
VICE ADMIRAL (Retd.)  
RECTOR BAHRIA UNIVERSITY





# Executive Summary

Bahria University since its inception in the year 2000, has emerged as one of the dominant higher education institutions with recognition at national and international level, imparting quality instructions in the disciplines of Engineering, Medicine, IT, Management, Law and Social Sciences. I am quite satisfied that University is providing par excellence quality education and learning environment to the students based on applied research, modern skills, and knowledge.

This report encompasses different scholastic exercises/activities by introducing undergrad and post-grad programs, campus-wise & discipline-wise along-with provision of quality faculty during the year 2020-21. A brief description with respect to graduating students, accomplishments of faculty and students, held during the reporting year are covered in this report.

The university has progressed in research by enhancing linkages at both academic and corporate level. Bahria University has signed 14 MoUs during the period under review. Bahria University has also brought on Board FBR and Tabbra Foundation to maintain the linkages with the external organizations. During the period under review, university implemented a framework for promotion of research, innovation, and entrepreneurship. Research and development activities such as research publications, research projects, conferences, workshops & seminars have also been included in the report.

Bahria University is adhering to National Quality Assurance Codes based on HEC's QAA guidance in formulating academic procedures including program design, teaching & learning, student engagement, assessment, external examination and research. In order to ensure adherence to national standards, BU academic programs are regularly assessed through internal and external periodic reviews. This year, five Post Graduate programs have been launched after getting NOCs from the QAD of HEC. At institutional level mock audit and self-academic audits of almost all undergraduate, MS/MPhil and PhD programs of all campuses were conducted. The report provides information about procedures and corrective measures and initiatives adopted in ensuring quality of education, research and accreditation process in the university.

This year a total of 1022 research publications which include 311 impact factor publications were produced by faculty members and researchers of Bahria University. In addition to that, Bahria University has been successful in getting external research funding for research projects, which is of worth 84.43 million rupees. Moreover, 26 x researchers have been included in the list of AD Scientific Index. It is indeed a moment of pride that our researchers have been included in the list of top 2% researchers of the world, as per a survey conducted by Stanford University, USA. Similarly, the patents which were filed by our faculty members and researchers during last year,

Bahria University proudly announced the approval of our first ever national and international patent during the year 2020-21.

BU is continuously striving for quality enhancement of its programs by increasing international linkages, strengthening foreign collaboration & global image. To date 40 MoUs have been signed between BU and foreign universities worldwide. During last one year, 7 students of Bahria University joined Turkish and Italian Universities under Student's Exchange Program. This year we managed to bring on board, Ulster University, UK, University of Almeria, Spain, University of Malaysia Sarawak (UNIMAS) and The Amsterdam University of Applied Sciences, Netherlands, Faculty of Technology- Maritime. Bahria University has also maintained its standard up to the mark that it has become one of the primary choice of foreign students coming to Pakistan for higher studies. This year, 34 international students from 11 different countries have joined BU apart from the challenges brought by COVID-19.

It is worth mentioning that University offered Advance Merit Scholarship, Financial Assistance and Indigent Scholarship to the deserving students from its own resources. For the current Fiscal Year 2020-21, Bahria University has disbursed scholarships to 2906 students through an allocated budget of Rs. 98.885 Million. Merit scholarship for batch toppers were distributed among 1450 students amounting Rs. 49.889 Million. From external resources, BU distributed 588 scholarships of 99.746 Million. Bahria University Medical and Dental College awarded 19 scholarships of 1.48 Million Rupees during the FY 2020-21. The university has established linkages with the industry for Internship and placement of its students. With the increasing academic vistas at Bahria University, the Office of the Student Affairs and Career Services has also geared up to further enhance its role in increasing employability for students of all the disciplines. Job Fair 2020 and 2021 were organized virtually in which more than 100 leading companies from Telecom, FMCG, Services, Manufacturing, NGOs, Banking Sector and other top ranked business organizations were invited to conduct their recruitment drive.

The community support initiatives were launched in collaboration with numerous nonprofit organizations of Pakistan. Bahria University plans for improvement, and commitment to bring constructive change in students' behavior and personality. Under the auspices of SRC (Student Resource Centre) various clubs and societies have been formed to engage students in different co-curricular and extracurricular activities. Bahria University's students achieved remarkable positions in HEC intervarsity sports championships.

The progress made by the Bahria University during the year speaks about a high-level commitment, from all the faculty, officers, staff, students, workforce individuals, organization and particularly the top administration. I firmly believe that Bahria University will keep planning for the betterment of our youth and help them become future pioneers, experts, critical thinkers and managers for affluent Pakistan.

**FAZAL WAHAB**  
Director Quality Assurance

# About the University

## 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 enrollment of students has crossed 20,000 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 10,000 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 partnerships 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, continue 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 coops, 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 – that 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 Institute of Maritime Affairs (NIMA)

National Institute of Maritime Affairs (NIMA) had been set up at the Bahria University, Karachi Campus with a view to encourage research in maritime affairs. NIMA 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 7-storey building houses 5 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.





# Chapter 01

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## Academic Activities



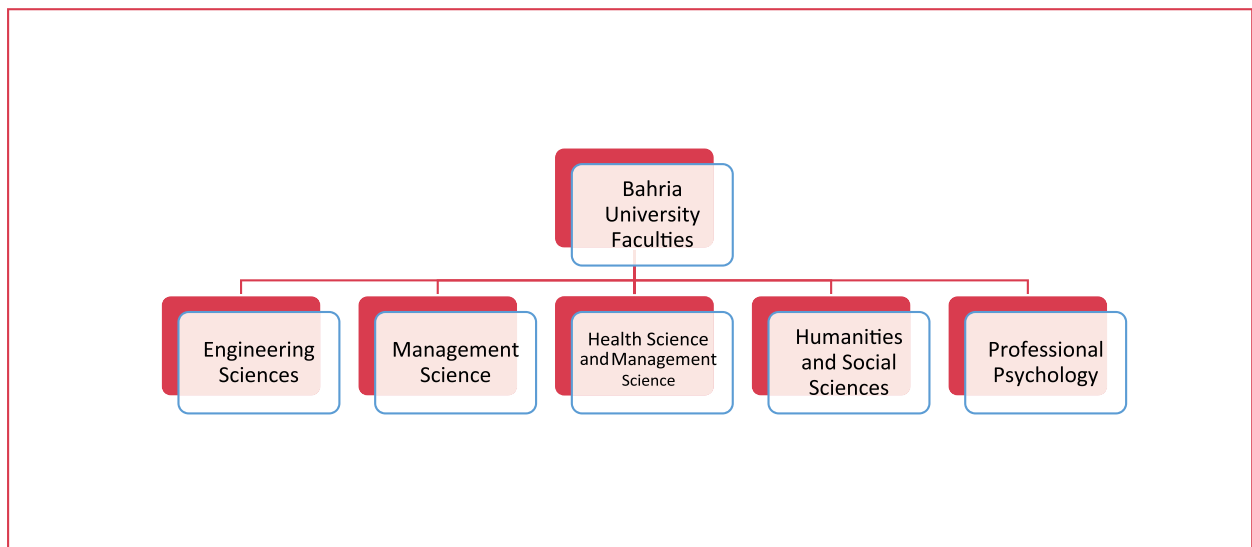




# Academic Activities

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:

The following illustration shows the range of academic departments at three campuses of Bahria University:



## 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



## Faculty of Professional Psychology

### Islamabad Campus

- Department of Professional Psychology

### Karachi Campus/IPP

- Department of Professional Psychology

### Lahore Campus

- Department of Professional Psychology

## Faculty of Humanities & Social Sciences

### Islamabad Campus

- Department of Humanities & Social Sciences
- Department of Media Studies
- Department of Law

### Karachi Campus

- Department of Humanities & Social Sciences
- Department of Media Studies

## 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 Health Sciences

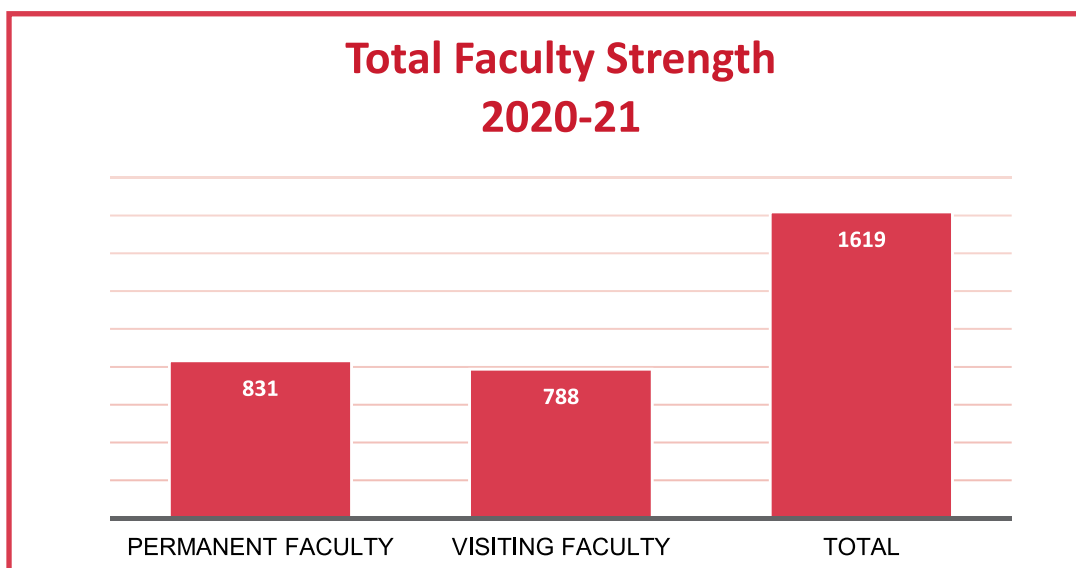
### Bahria University Medical & Dental College Karachi

- Medical College
- Dental College
- Pakistan Navy Nursing College

## 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:

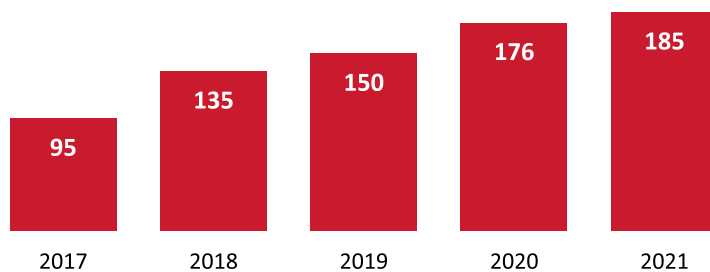
Total Faculty Strength	
Permanent Faculty	831
Visiting Faculty	788
Total	1619



### PhD Faculty- Year Wise

2017	95
2018	135
2019	150
2020	176
2021	185

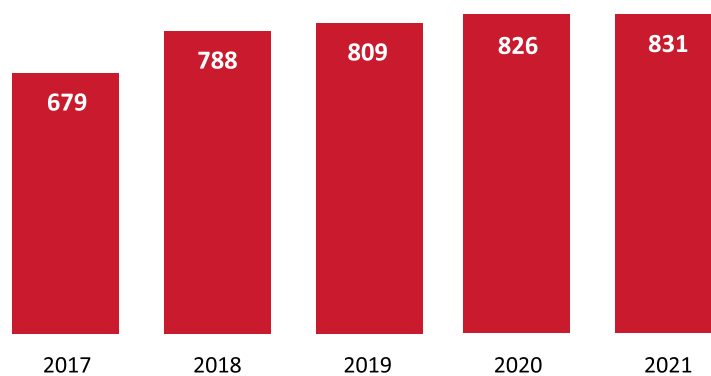
### PhD Faculty Last Five Years



### Permanent Faculty Strength-Year Wise

2017	679
2018	788
2019	809
2020	826
2021	831

### Permanent Faculty Last Five Years



## 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 2020-21 at undergraduate, graduate and post graduate level.

Category	Intake
Undergraduate	4733
MS/M. Phil	1901
PhD	31

Category	Student Strength
Undergraduate	15225
MS/M. Phil	3984
PhD	263

Graduating Students 2020-21		
Campus	BS / UG	MS / MPhil & PhD
BU Islamabad Campus	1114	1084
BU Karachi Campust	1147	468
BU Medical & Dental College ††	148	1
BU Lahore Campus	143	190
<b>Total</b>	<b>2552</b>	<b>1743</b>

† BUKC, IPP

†† Medical & Dental

## MS/MPhil & PhD Programs Offered at All BU Campuses

At present Bahria University is running 52 MS/MPhil and 22 PhD 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.

## PG Programs Launched

During the period of 2020-21, five (05) Programs after approval from HEC have been launched during the said period. Detail of all these PG programs is appended below:



S. No.	Programs	Department	Campus
1	MS in Islamic Studies	Islamic Studies	BUIC
2	MS in Applied Anthropology	H&SS	BUIC
3	MS in Islamic Studies	Islamic Studies	BUKC
4	MS in Clinical Psychology	Psychology	BULC
5	MPhil in Bio-Chemistry	Bio-Chemistry	BUM&DC

### PhD Produced by Bahria University

In addition, following PhD scholars have graduated during 2020-21 from Bahria University:

S. No.	Name of Scholar	Date of Notification	Program	Campus
1	Nadia Jaweed	20 July 2020	PhD (MS)	BUIC
2	Awais Mehmood	10 August 2020	PhD (MS)	BUIC
3	Zoya Wajid Satti	22 July 2020	PhD (MS)	BUIC
4	Nishat Riaz	19 November 2020	PhD (MS)	BUIC
5	Muhammad Akram	04 March 2021	PhD (MS)	BUIC
6	Qaiser Rashid Janjua	03 May 2021	PhD (MS)	BUIC
7	Zoia Khan	08 June 2021	PhD (MS)	BUIC
8	Ali Mustafa Qureshi	29 January 2021	PhD (EE)	BUIC
9	Adeel Muzaffar Syed	19 January 2021	PhD (SE)	BUIC
10	Farrukh Shahzad	20 May 2021	PhD (Media)	BUIC
11	Sadiya Arif	21 June 2021	PhD (MS)	BUKC

# Chapter 02

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## Research & Development





# Research & Development

## Research, Innovation & Commercialization

Research, Innovation & Commercialization 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.

### 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, Directorate of Research, Innovation & Commercialization (RIC) 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 – Directorate of Research, Innovation & Commercialization (RIC)



Following is the brief description of each component of RIC 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 purposes 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 formulations 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

Assigned by 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, mentor ship and Professional counseling 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)

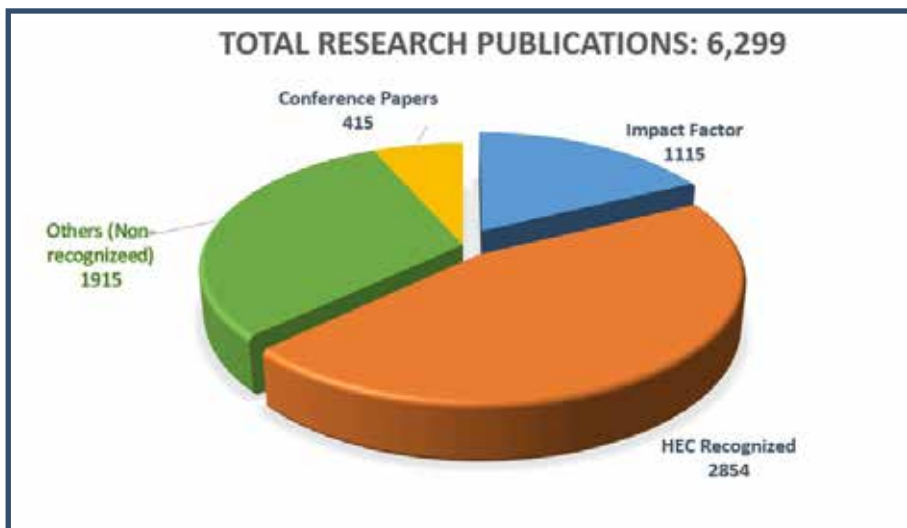
Corporate Advisory Committees (CACs) have been established within each department at both the Campuses of Bahria University, comprising of (8-10) members of the relevant industries co-chaired by HOD and senior member(s) from the industry. Broad Terms of Reference of the CACs are Curriculum review for 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 and Conference Papers by the faculty members / research scholars of BU till date, is shown in the figure given below:



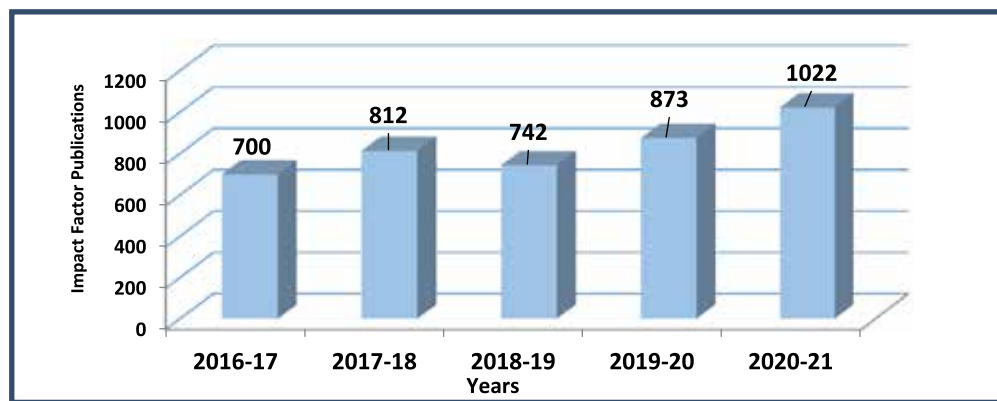


## Increasing Trend in the Major Key Performance Indicators (KPIs) of Research at Bahria University

RIC 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:

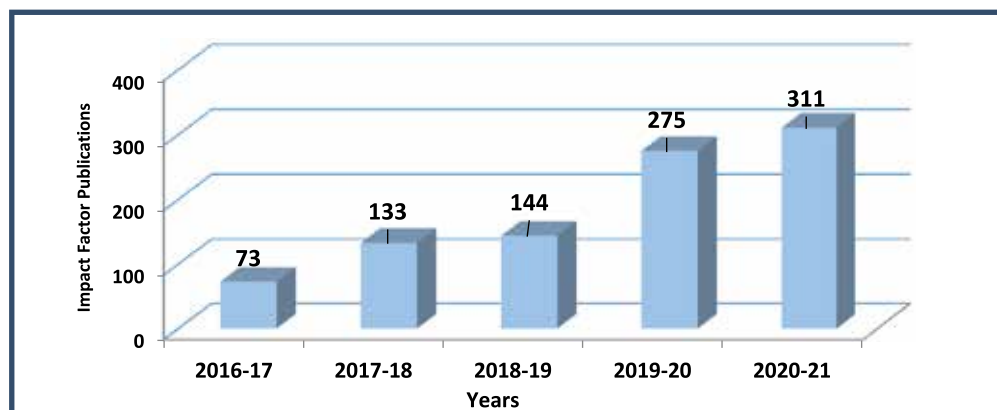
### Overall Research Publications

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



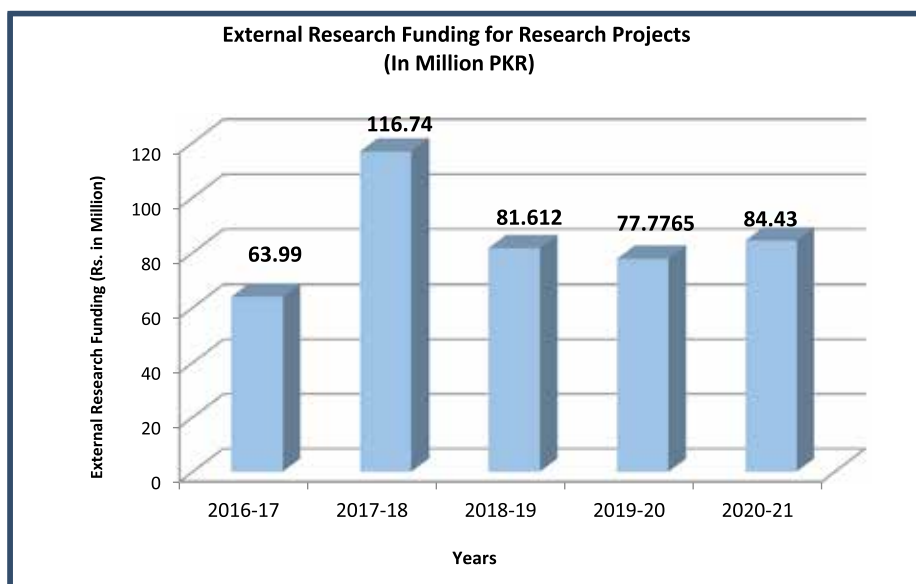
### Impact Factor Publications

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. 84.43 million to their 90 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. 84.43 Million acquired by the BU Researchers from external sources, for such research endeavors are as follows:

External Research Funding of Bahria University 2020-21						
Bahria University Islamabad Campus						
S. #	Title of Project	Name of PI	Department	Funding Approval Year	Amount of Funding (PKR in million)	Funding Agency
1	Open source Intelligence Tool (OSINT): Recon, Exploit, Discovery, and Analytics	Prof. Dr. Najam ul Islam	CRC Lab, BUIC	2020-21	12.322	HEC under NCCS
2	Youth Communicators for Developers	Dr. M. Awais Mahmood	International Office	2020-21	1	Pakistan-Italy Alumni Network, Embassy of Italy

S. #	Title of Project	Name of PI	Department	Funding Approval Year	Amount of Funding (PKR in million)	Funding Agency
3	Cyber Reconnaissance and Combat (CRC) Lab under National Cyber Security Centre	Prof. Dr. Najam ul Islam	CRC Lab, BUIC	Funding Received in 2020-21	15.46	HEC
4	Engagement of Organization / Firm to provide business / enterprise incubation Services in Islamabad (Phase - II)	Prof. Dr. Shehzad Khalid	ORIC	2020-21	21.195	UNDP
5	Grant to start small businesses by Startups under UNDP Fata Economic Revitalization Program	Startups	Bahria Innovation Center	2020-21	14.955	UNDP
6	Content Based Indexing and Retrieval of Videos	Prof. Dr. Imran Siddiqi	Computer Science	Funding Received in 2020-21	1.05	IGNITE
7	Where the money is going? A case of public firms in Pakistan	Dr. Abdul Qayyum	Business Studies	2020-21	0.495	HEC
8	Development of FPGA based ADC/DAC Board and HDL Cores for DSP Building Blocks	Prof. Dr. Arif Raza Jafri	Electrical Engineering	Funding Received in 2020-21	0.53925	Maritime
9	Analysis of stunted student from primary grade learner using battery based adaptive achievement test	Prof. Dr. Tamim A. Khan	Software Engineering	Funding Received in 2020-21	0.277	NRPU-HEC
10	Training Project on FPGA based design using VIVADO design suite & ZYNQ	Mr. Khalid Mumtaz	Leadership Development Center (LDC)	2020-21	0.25	Air Weapon Complex, Pakistan

S. #	Title of Project	Name of PI	Department	Funding Approval Year	Amount of Funding (PKR in million)	Funding Agency
11	Training Project on Procurement Strategy	Mr. Khalid Mumtaz	Leadership Development Center (LDC)	2020-21	0.225	PTCL
12	Early Detection of Neurological Disorders through Computerized Analysis of Handwriting – An Application to Parkinson's Disease	Prof. Dr. Imran Siddiqi	Computer Science	Funding Received in 2020-21	0.107	NRPU-HEC
13	Self Balancing Bicycle	Mam Nadia Imran	Electrical Engineering	2020-21	0.078935	IGNITE
14	Off Road Terrain Unmanned Seed Sowing Ground Vehicle	Engrr Waleed Manzoor	Computer Engineering	2020-21	0.077785	IGNITE
15	VR Trainer	Maam Joddatt Fatima	Software Engineering	2020-21	0.077	IGNITE
16	People Recognition in Videos	Dr Arif Ur Rehman	Computer Science & IT	2020-21	0.061	IGNITE
17	Blockchain based smart logistics management system	Sir Hassan Danish	Telecom Engineering	2020-21	0.0609	IGNITE
18	Vehicle detection, speed monitoring and classification from video stream	Waleed Manzoor	Computer Engineering	2020-21	0.0536	IGNITE
19	Vein Illuminator	Muhammad Hasan Danish Khan	Electrical Engineering	2020-21	0.053505	IGNITE
20	Reconfigurable modulator/ demodulator	Dr Atif Raza Jafri	Electrical/ Electronics Engineering	2020-21	0.047	IGNITE
21	De-Sulphation of Lead Acid batteries using high current pulsating technique	Dr. Muhammad Amir	Electrical Engineering	2020-21	0.043455	IGNITE

S. #	Title of Project	Name of PI	Department	Funding Approval Year	Amount of Funding (PKR in million)	Funding Agency
22	Plant Disease Detection Robot	Kashif Naseer	Computer Engineering	2020-21	0.03772	IGNITE
23	Cognitive Vision System	Dr Saleem Aslam	Electrical Engineering	2020-21	0.0201	IGNITE
24	Signal Processing of X-band FMCW radar for infestation Monitoring of grain silos	Dr Saleem Aslam	Electrical Engineering	2020-21	0.015	IGNITE
25	Smart Remote Parental Control	Dr. Khalid Javed	Computer Engineering	2020-21	0.0143	IGNITE
26	Tuition Bridge	Maryam khalid multani	Computer Science & IT	2020-21	0.01	IGNITE
27	Remote admin and point of sale	enr Tooba khan	Computer	2020-21	0.0081	IGNITE
28	SafeLife	Rafia Hassan	Software Engineering	2020-21	0.0048	IGNITE
29	Automatic Car Seat Adjustment	Joddat Fatima	Software Engineering	2020-21	0.002	IGNITE
				Subtotal - BUIC	68.54045	
<b>Bahria University Karachi Campus</b>						
30	Bioaccumulation of Anthropogenic Compounds in Marine Edible Fish	Dr. Afshan Yasmeen	NIMA, BUKC	2020-21	0.996	SRGP-HEC
31	Toxic effects of Pesticides on Fish Organs	Dr. Syeda Gul e Zehra Naqvi	Maritime Science, BUKC	2020-21	0.45	SRGP-HEC
32	Umeed-e-Nau Psychological Services Revenue	Dr. Zainab Bhutto Dean Psychology	IPP, BUKC	2020-21	0.94375	Revenue from Clients/ Patients

S. #	Title of Project	Name of PI	Department	Funding Approval Year	Amount of Funding (PKR in million)	Funding Agency
33	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.228	M/s Envirogreen Training and Consulting
34	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.1739	M/s SM Akhtar
35	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.1139	M/s Dawlance Pakistan Ltd.
36	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.142255	M/s GSK SITE
37	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.2973	M/s Habib Khan
38	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.2509	M/s United
39	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.1187	M/s Mondelez Pakistan Ltd.
40	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.3421	M/s SMA Akhtar



S. #	Title of Project	Name of PI	Department	Funding Approval Year	Amount of Funding (PKR in million)	Funding Agency
41	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.67246	M/s AKUH Bio-Med
42	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.1827	M/s Muhammad Habib
43	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.166	M/s Lotte Chemical pakistan Ltd.
44	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.1088	M/s Muhammad Habib
45	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.123975	M/s AKUH T&Skin
46	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.213	M/s GSK Korangi
47	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.2495	M/s GSK Korangi
48	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.125	SM Akhtar

S. #	Title of Project	Name of PI	Department	Funding Approval Year	Amount of Funding (PKR in million)	Funding Agency
49	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.1777	M/s URIL
50	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.1617	M/s Mondelez
51	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.1064	M/s DPL-II
52	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.1529	SM Akhtar Ali
53	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.112	M/s Sapphire Textile
54	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.2128	M/s GSK WW
55	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.127	M/s SMK Akhtar
56	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.1311	M/s SM Akhtar

S. #	Title of Project	Name of PI	Department	Funding Approval Year	Amount of Funding (PKR in million)	Funding Agency
57	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.1049	M/s Muhammad Habib Khan
58	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.1186	M/s SM Akhtar
59	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.13268	M/s
60	Environmental Assessment and Performance Audit/ Testing Service by ERC	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	0.1264	M/s DPL-II
61	Environmental Assessment and Performance Audit/ Testing Services by ERC (Misc Services worth of less than 0.1 million PKR)	Prof. Dr. Yasmin Nergis	ERC, BUKC	2020-21	6.930172	Multiple Organizations
62	Action Recognition for Depression Assessment Using Deep Learning	Miss Sameena Javaid	Computer Science	2020-21	0.08	IGNITE
63	Fashionable Social Robot	Bilal Muhammad Iqbal	Computer Science	2020-21	0.0793	IGNITE
64	Brainâ€“Computer Interface (BCI)-	Bilal Muhammad Iqbal	Computer Science & IT	2020-21	0.0789	IGNITE

S. #	Title of Project	Name of PI	Department	Funding Approval Year	Amount of Funding (PKR in million)	Funding Agency
65	Physical Exercise Humanoid Robot	Syed Tamour Ali	Computer Science	2020-21	0.07845	IGNITE
66	Rov underwater drone	Engr Nabiha Faisal	Computer Engineering	2020-21	0.07448	IGNITE
67	Automated Warehouse System	Dr. Abdul Attayyab Khan	Electrical Engineering	2020-21	0.073525	IGNITE
68	IoT Based Mobile Application for detecting and monitoring hazardous gases	Engineer Mobeen Nazar	Software Engineering	2020-21	0.069037	IGNITE
69	MedicAir	Muhammad Umair Arif	Electrical/ Electronics Engineering	2020-21	0.0685	IGNITE
70	3D Medical Assistant for Dentist	Engr. Mahawish Fatima	Software Engineering	2020-21	0.06	IGNITE
71	Automatic glass bangle flattening and weldong machine	Engr. Zaryab Qazi	Electrical Engineering	2020-21	0.0544	IGNITE
72	Hydrophobic Coating Development For HV (High Voltage) Insulators And Aging Analysis By Artificial Chamber	Engr. Basit Ali	Electrical Engineering	2020-21	0.0512	IGNITE
73	Vogguide: Detecting, Recognizing and tracking yoga poses using vision	Sameena Javaid	Computer Science	2020-21	0.0425	IGNITE
74	Smart Glove for Hearing and Speech Impaired	Naveera Sami	Computer Engineering	2020-21	0.022451	IGNITE

S. #	Title of Project	Name of PI	Department	Funding Approval Year	Amount of Funding (PKR in million)	Funding Agency
75	Wearable Smart device for Visually impaired people	Engr Naveera Sami	Computer Engineering	2020-21	0.01507	IGNITE
76	User drawn diagram interpretation	Engr. M. Adnan Ur Rehman	Software Engineering	2020-21	0.015	IGNITE
77	Real Time Billboard Tracking System for Business Intelligence	Majid Kaleem	Software Engineering	2020-21	0.011	IGNITE
78	Depression Detector Chatbot	Ms Azeema Sadia	Computer Science	2020-21	0.01	IGNITE
79	Shifayaab	Mobeen Nazar	Software Engineering	2020-21	0.009	IGNITE
80	Data communication using lifi	Usra Sami	Computer Engineering	2020-21	0.00898	IGNITE
			<b>Subtotal - BUKC</b>		<b>14.4</b>	
<b>Bahria University Lahore Campus</b>						
81	Automated Cyberbullying Detection	Zia Ul Rehman	Computer Science	2020-21	0.079	IGNITE
82	Al-Mua'vin: An Arabic Reading Assistant for Urdu	Aasim Ali	Computer Science	2020-21	0.070795	IGNITE
83	Piezo Smart shoes	Dr. Iram Noreen	Computer Science	2020-21	0.0698	IGNITE
84	Real Time Assistance To Farmers and Health Sectors	Dr. Khawaja Qasim	Computer Science	2020-21	0.06298	IGNITE
85	Career Counselling	Numan Aslam	Computer Science	2020-21	0.05626	IGNITE
86	Augmented Reality Story Book	Nauman Aslam	Computer Science	2020-21	0.05	IGNITE
87	Deafie Helper A web based solution for american sign language translation	Dawood Akram	Computer Science	2020-21	0.045	IGNITE

S. #	Title of Project	Name of PI	Department	Funding Approval Year	Amount of Funding (PKR in million)	Funding Agency
88	Mumathil Similarity Analysis of Bible with Holy Quran	Fatima Siddiqui	Computer Science	2020-21	0.040365	IGNITE
89	Identification of Mild Cognitive Impairment Dementia	Dr. Iram Noreen	Computer Science	2020-21	0.01	IGNITE
				Subtotal - BULC	0.4842	
<b>Bahria University Medical &amp; Dental College</b>						
90	Evaluation of bone loss in male smokers by genetic analysis oxidative and biochemical bone markers	Dr. Laraib Liaquat	MDRL, BUMDC	2020-21	1	SRGP-HEC
				Subtotal - BUMDC	1	
<b>Grand Total (PKR in Million)</b>					<b>84.43</b>	

## Recognition of ORIC - BU BY HEC

Office of Research, Innovation and Commercialization (ORIC) established at BUHO has been ranked amongst top 4 ORICs among 69 ORICs established at different Universities of Pakistan as notified by Higher Education Commission in its recent report.





Sr. No.	Name of University	Work Environment & HR		Research Support		Capacity Building		Commercialization of Research		Score		Category	
		Claimed	Validated	Claimed	Validated	Claimed	Validated	Claimed	Validated	Claimed	Validated	Claimed	Validated
1	National University of Science & Technology	10	10	40	40	20	20	30	30	100	100	W	W
2	COMSATS University Islamabad	10	10	36	36	19	19	35	35	95	95	W	W
3	Lahore University of Management Sciences (LUMS)	10	10	40	40	19	19	21	20	90	89	W	W
4	<b>Bahria University, Islamabad</b>	<b>10</b>	<b>10</b>	<b>34</b>	<b>34</b>	<b>20</b>	<b>20</b>	<b>23</b>	<b>23</b>	<b>87</b>	<b>87</b>	<b>W</b>	<b>W</b>
5	University of Agriculture, Faisalabad	10	10	40	32	20	17	28	25	98	84	W	W
6	Institute of Space Technology, Islamabad	10	10	37	31	20	17	23	23	90	80	W	W
7	Aga Khan University, Karachi	10	10	38	38	15	15	15	15	78	78	W	W
8	National Textile University, Faisalabad	10	10	36	30	15	15	22	22	83	77	W	W
9	NED University of Engineering & Technology, Karachi	06	06	38	34	20	20	16	16	80	76	W	W
10	University of Engineering & Technology, Peshawar	10	09	40	30	20	19	19	17	89	75	W	W
11	Sukkur Institute of Business Administration, Sukkur	10	10	32	25	20	20	17	17	79	72	W	X
12	University of Engineering & Technology (UETL), Lahore	10	09	30	24	17	17	21	21	78	71	W	X
13	University of Management & Technology, Lahore	10	10	33	26	20	20	17	14	80	70	W	X
14	Foundation University, Islamabad	10	10	30	23	20	20	17	17	77	70	W	X
15	Mirpur University of Science & Technology (MUST)	10	10	28	22	20	16	21	19	79	67	W	X
16	CECOS University of IT & Emerging Sciences, Peshawar	10	09	26	21	20	20	17	16	72	66	X	X
17	The University of Lahore	10	10	24	18	20	20	18	18	72	66	X	X
18	Quaid-e-Azam University, Islamabad	08	07	33	26	18	18	17	14	76	65	W	X

## 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 theses, both at the PG levels. 27th Meeting of HERC was conducted at BU Head Office through video conferencing, on 29th September, 2020 and 28th Meeting of HERC was conducted at BU Head Office through video conferencing, on 20th May, 2021. Rector Bahria University (Chairperson HERC), has chaired the meeting. Prof. Dr. Shehzad Khalid, Director RIC 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.

## Inclusion of BU Researchers in Top 2% Scientists of the World

We share with extreme pleasure regarding a recent Survey based on Research conducted by scientists across the world by Stanford University, USA. This survey focused on over 8 million Scientists working in different Research domains. They have released a list of the Top 2% of Scientists in the world. A total of 243 Pakistani Scientists and 4 following Bahria Faculty members are also on this list on the basis of data for the year 2020-21:

1. Prof. Dr. Muhammad Ramzan
2. Dr. Rizwan ul Haq
3. Dr. Kashif Naseer Qureshi
4. Dr. Imran Memon

Prof. Dr. Muhammad Ramzan, Dr. Rizwan Ul Haq & Dr. Imran Memon are recognized connectively second time in the same list of 2% Scientist of the world by Stanford University for the years 2019-20 and 2020-21.

In order to acknowledge the outstanding research achievements of the aforementioned Faculty members for the year 2019-20, ceremonies were held at BU Head Office and BUKC. The Honorable Rector grace the occasion to award the appreciation letter and the shield to the high achievers at Islamabad Campus and Karachi Campus.



## Inclusion of BU Researchers in AD Scientific Index

We are proud to announce that 26 of our prominent researchers were featured in the Ad Scientific Index list of 2021. The “AD Scientific Index” is the first and only study that shows the total and the last five-year productivity coefficients of scientists based on h-index and i10 index scores and citations in Google Scholar.

Furthermore, the index provides the ranking and assessment of scientists in academic subjects and branches and in universities, countries, regions, and the world. The “AD Scientific Index” includes nearly 200 countries, more than 10,000 universities, and nearly a million academicians. Dr. Rizwan ul Haq, Prof. Dr. Muhammad Ramzan, Prof. Dr. Shehzad Khalid, Prof. Dr. Imran Siddiqi and Prof. Dr. Riaz Ahmed and Dr. Kashif Naseer are among the featured researchers featured. Research at BU is focused and aligned with the national and international applied research requirements and standards. The innovation development aspect in research is germinated in institutions of higher learning, which can ultimately guide the industry at times when we observe strong tendencies of a globalization of R&D. The complete researchers list is as under:

FACULTY MEMBERS OF BAHRIA UNIVERSITY LISTED IN AD SCIENTIFIC INDEX 2021				
S. #	Name	Country	Department & Campus	Subject
1	Dr. Rizwan Ul Haq Satti	PK	EE, BUIC	Engineering & Technology/ Mechanical Engineering Fluid dynamics Nanofluid Heat Transfer numerical FEM
2	Dr. Muhammad Ramzan	PK	CS, BUIC	Wave Mechanics Fluid Mechanics  Computer vision Pattern Recogniton Big Data Data Analytics InternetThings
3	Dr. Shehzad Khalid	PK	CE, BUIC	Engineering & Technology / Computer Science
S. #	Name	Country	Department & Campus	Subject
4	Dr. Imran Siddiqi	PK	CS, BUIC	Engineering & Technology / Computer Science Image Analysis and Pattern Recognition
5	Dr. Kashif Naseer Qureshi	PK	CS, BUIC	Engineering & Technology / Computer Science Information Security Cyber Security Vehicular Ad hoc Networks Wireless Sensor Networks Computer Network
6	Dr. Riaz Ahmed	PK	MS, BUIC	Project Leadership Leadership Competencies & Styles Pojects success project performance top management support
7	Dr. Muhammad Ismail Ramay	PK	MS, BUIC	Business & Management / Strategic Management Management Organizational Commitment Job Satisfaction Leadership
8	Dr. Muhammad Muzammal	PK	CS, BUIC	Engineering & Technology / Computer Science Data Science Decentralised Systems
9	Dr. Muhammad Arif Khattak	PK	MS, BUIC	Business & Management / Strategic Management Management sciences Leader-
10	Dr. Sajid Ali	PK	MS, BUIC	Business & Management / Strategic Management Finance and economics
11	Dr. Muhammad Khalid Sohail	PK	MS, BUIC	Economics & Econometrics / Accounting & Finance Finance
12	Dr. Muhammad Najam-Ul-Islam	PK	EE, BUIC	Embedded Systems   Cyber Security \ Cryptography
13	Syed Asim Ali Shah	PK	SE, BUIC	AI Artificial Neural Networks Simulation and Modelling MMC Robotics

14	Dr. Adeel M. Syed	PK	SE, BUIC	Bio Medical Image Analysis
15	Dr. Liaqat Ali	PK	MS, BUKC	Economics & Econometrics / Economics Economic Development Trade Investment Finance Consumer Behavior
16	Dr. Amir Manzoor	PK	MS, BUKC	Economics & Econometrics / Economics E-commerce  Big Data  Broadband Internet  Internet Things (IoT) Financial Modeling
17	Dr. Osama Rehman	PK	SE, BUKC	Connected Vehicles IoT Cyber Security Machine Learning
18	Dr. Haroon Rasheed	PK	EE, BUKC	Smart Grid Medical Imaging Cognitive Radio detection Composite Fading
19	Dr. Kashif Hussain	PK	CS, BUKC	Metaheuristics Fuzzy Neural Network Optimization
20	Dr. Asif Inam	PK	Maritime Sciences, BUKC	Engineering & Technology / Marine Engineering oceanography blue economy Lawthe Sea
21	Dr. Amina Jameel	PK	SE, BUKC	Image Processing and Computer Vision
22	Dr. Sohaib Ahmed	PK	SE, BUKC	Ontology engineering Ubiquitous learning Inquiry based learning Artificial intelligence
23	Dr. Iram Noreen	PK	CS, BULC	Engineering & Technology / Computer Science Robotics path planning Computer Vision Image Processing Machine Learning
24	Dr. Nadim Asif	PK	CS, BULC	Computer Science, Bahria University Software Engineering Databases E- Commerce Reverse Engineering Information Systems
25	DR. Saira Gillani	PK	CS, BULC	Engineering & Technology / Computer Science Computer networks Data mining Text mining InternetThings Vehicular Ad hoc networks
26	Dr. Mehreen Lateef	PK	MDRL, BUMDC	Health Sciences BUMDC

## International Patent Approved

It is matter of pride for Bahria University that its first ever international patent has approved in the year 2020-21 by Korea Intellectual Property Rights Information Services (KIPRIS), which shows the commitments of BU researchers towards commercialization of applied research. Details of are as follows:

<b>Approved Patent Title:</b>	Apparatus for Providing Service using Visible Light Communication and the Method Thereof
<b>Inventor:</b>	Dr. Moneeb Gohar (Associate Professor, Department of CS, BUIC) Dr. Kim So-yong (Kyungpook National University, Korea)
<b>Approval Date:</b>	April, 2021
<b>Patent Publisher:</b>	Korea Intellectual Property Rights Information Services (KIPRIS)
<b>Affiliation:</b>	Bahria University, Islamabad
<b>Link/DOI of Approval:</b>	<a href="https://doi.org/10.8080/1020180155013">https://doi.org/10.8080/1020180155013</a>

## National Patent Approved

It is matter of pride for Bahria University that its first ever national patent has approved in the year 2020-21 by Intellectual Property Organization of Pakistan (IPO) which shows the commitments of BU researchers towards commercialization of applied research. Details are as follows:

<b>Approved Patent Title:</b>	JAPE Electric Life Protector (JELP)
<b>Inventor:</b>	Ms. Fazila Shams, Prof. Dr. Tamim A. Khan & Dr. Zahoor Sarwar Department of Software Engineering, BUIC)
<b>Approval Date:</b>	18 June, 2021
<b>Patent Publisher:</b>	Intellectual Property Organization of Pakistan (IPO)
<b>Affiliation:</b>	Bahria University, Islamabad

## University Academia/Industry Linkages

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



**Academic/Research**

National Defense University

Research & Academics

June, 2021

- Joint conferences/seminars/workshops (Topics of interests and details of the programmes shall be mutually agreed upon by both the parties).
- Faculty/researchers' development through exchange of trainers, experts and professionals as facilitators in seminars and training programmes hosted by both sides.
- Sharing of research data, articles, publications and information between the NDU & BU to complement respective needs of their researchers and faculty.
- Students/researchers' participation in the NDU's summer schools and BU academic/research programmes.
- Other academic activities as mutually agreed.

**Academic/Research**

National Institute of Electronics (NIE)

Collaboration in the field of Science and Technology

June, 2021

- Co-owner to IP and Joint Research Projects
- Joint Training Program
- Upgradation of Course Contents

**Academic/Research**

National Electronics Complex of Pakistan (NECOP)

Research & Commercialization

June, 2021

- Research, Development, Innovation and Commercialization activities mainly in Computer & Mechanical Engineering

**Academic**

Centre for Entrepreneurial Development (CED) Institute of Business Administration (IBA) Karachi

Entrepreneurship

October, 2020

- Joint arrangement of entrepreneurship related activities

## Research

### ICT Research

October, 2020

- Research/Consultancy Projects with associated joint project funding. Projects will be jointly selected by NRTC and BU teams to be conducted at NRTC/BU.
- Professional/Academic Training jointly selected by NRTC and BU teams to be conducted at NRTC/BU.
- Internships and Jobs for BU students on merit basis as per NRTC policy and available positions
- NRTC to offer slots to BU professors to have the industrial exposure in various departments of NRTC for a period of 4-6 weeks.
- NRTC and BU will Provide Launchpad service for the products of other party on a mutually agreed commercial or non-commercial engagement basis.
- Joint research conference of international standing / repute.

## Academic/Research

### Kestral Trading-General

### ICT Research

November, 2020

- Engagement of prominent national/international organizations for the establishment of research centers/technology development centers/nucleuses at BU in niche/emerging technologies
- Engagement of prominent national/international organizations for research, innovation and commercialization activities at Bahria Innovation Center (BIC) and forthcoming Maritime Science and Technology Park (MSTP).
- Research/Consultancy Projects with associated project funding. Projects will be jointly selected by KT and BU teams to be conducted at BU/KT.
- BU and KT will provide Launchpad services for the products of partner organizations on a mutually agreed commercial or non-commercial engagement basis.

## Academic/Research

### FBR

### Training & Research

October, 2020

- Modernizing the training techniques of the DGTR-IR, particularly in the subjects of Accounting, Finance, and Management.
- Designing of case-studies relevant to the different academic courses at the DGTR-IR
- Establishment of a Research Center and a Financial Data Center at the DGTR-IR.
- Designing of an internship module for interns at the FBR field offices.

## Academic/Research

## Interactive Group

## ICT Research

October, 2020

- Research/Consultancy Projects with associated project funding. Projects will be jointly selected by IGC and BU teams to be conducted at BU/IGC.
- Management of Intellectual Property as per IGC and BU Intellectual Property Policy for joint research.
- Placements (Internships and Jobs) for Bahria University students on merit basis
- IGC to offer slots to BU professors to have the industrial exposure in various departments of IGC for a period of 4-6 weeks.
- BU and IGC will provide Launchpad services for the products of partner organizations on a mutually agreed commercial or non-commercial engagement basis

## Academic/Research

## Kestral Trading-Entrepreneurship Development

## Entrepreneurship

October, 2020

- BU to host selected startups/entrepreneurial ventures launched by KT at BIC; through allocation of office space (two cubicles) and co-working space for KT's staff members and startups subject to the availability of the requisite space and fulfillment of Operational Policy of Bahria Innovation Center (BIC).
- KT will sponsor and meet all funding requirements for their selected startups/entrepreneurial ventures, incubated at BIC.
- KT agrees to make an endeavor to source Private Sector Sponsorship and funding for different programs of BIC and selected startups/entrepreneurial ventures of the First Party, transiting to accelerator programme, incubated at BIC.
- KT agrees to provide the requisite capacity building/training and mentorship for entrepreneurs through their master trainers, mentors, and trained staff members to the BU's startups/entrepreneurial ventures at BIC.
- The parties to this MOU will jointly conduct Entrepreneurship Development Program on mutually agreed grounds.

## Academic/Research

## Maritime Study Forum (MSF) &amp; Cambridge Advisors Network (CAN)

## Entrepreneurship

February, 2021

- Promote their respective organizations across Pakistan.
- Promote the synergies of this strategic relationship in the following domains:
- Academic and Applied research with special focus of maritime/marine sectors in regional / international affairs and National Blue Economy.
- Promote/Innovative entrepreneurial eco-system in Pakistan by effectively embedding triple helix model into it and with special focus on the maritime sector through Pakistan Maritime Science & Technology Park (PMSTP), that is being established by BU.
- Collaboratively strive to win from various Public/Private agencies for execution of medium to mega scale projects in sciences, technology, industrial manufacturing, business, and maritime professional/occupational skill development of the youth.

#### Academic/Research

Naval Research & Development Institute (NRDI), Karachi Pakistan

#### ICT Research

February, 2021

- Provide lab facilities and supervision of research projects to each other.
- Provide their education / training and research facilities to researchers and employees of each other.
- Jointly explore, initiate and/or undertake projects oriented towards naval technologies, R&D projects, HR exchange, internships, student projects and other similar activities / projects.
- Collaborate to conduct joint seminars/workshops on advanced topics in Science and Engineering for which logistics and financial aspects shall be handled according to the mutually agreed terms.

#### Academic/Research

IPO & HEC & BU

#### IP Management

April, 2021

- IPO Pakistan would be responsible to:
- Prepare an annual capacity building activity plan to train the focal persons of Host Institutes including Bahria University on Patent Search Techniques and related subjects.
- Organize training sessions on patent database search and awareness raising seminars related to the TISC activities with the assistance of WIPO and HEC and Bahria University.
- Make necessary SOPs/guidelines for the staff of TISC network enabling them to provide TISC services at Bahria University.
- Compile the quarterly/annual reports or other publications related to the activities of TISC network in Pakistan for sharing with WIPO and HEC.
- Design and create a space on IPO web portal specifically dedicated to the activities of TISC network and ensure it is maintained and updated.
- Promote the activities and services of the TISC network during events of economic and commercial interest.

## Entrepreneurial Activities and Achievements

BU gives strong focus on inculcating entrepreneurial culture in BU students/researchers. Number of startups has been incubated in 2020-2021 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 BICs

List of Incubated Companies / Startups at BIC BUIC & BUKC (2020-21)

S. #	Company Name	Date of Incubation	Startup Location	Number of HR	Domain / Area of Startup	Contact Details (Name of Team Lead)
1	Oxbridge	09-Oct-20	BIC, BUIC	7	Ed-Tech/ STEM	Manzil Maqsood
2	TechAscend	12-Oct-20	BIC, BUIC	2	ICT	Faisal Iftikhar
3	Snack Shack	12-Oct-20	BIC, BUIC	5	Food	Shoaib Nadir
4	Rasaie	12-Oct-20	BIC, BUIC	4	Smart Logistics	Salman Masud
5	Knowlest/ Metasoft	12-Oct-20	BIC, BUIC	1	ICT	Abdullah Ismail
6	Digital Dastak	12-Oct-20	BIC, BUIC	8	Digital Marketing	Sheikh Sajawal
7	Errand.ly	12-Oct-20	BIC, BUIC	3	Marketing Solutions	Waleed Khan
8	Nanolite	12-Oct-20	BIC, BUIC	1	Smart Construction	Muhammad Momen
9	High Grafitti	12-Oct-20	BIC, BUIC	9	ICT	Muhammad Naeem
10	Fitness Plus	12-Oct-20	BIC, BUIC	5	Health Tech	Muhammad Aleem
11	Maven Logix	12-Oct-20	BIC, BUIC	5	ICT Marketing	Amna Masood
12	Nerdware Tech	12-Oct-20	BIC, BUIC	8	Ed-Tech	Ibrahim Ramzan
13	TutionX	15-Oct-20	BIC, BUIC	7	Ed-Tech	Muhammad Ehsan Satti
14	Kite	09-Nov-20	BIC, BUIC	6	Data Management	Ali Hamza
15	Vintage Technologies	15-Nov-20	BIC, BUIC	20	Ed-Tech	Hassan Mujtaba
16	Shopify Engineers	15-Dec-20	BIC, BUIC	8	E-Commerce	Adil Awan
17	Kalam 4 Solutions	15-Dec-20	BIC, BUIC	6	Drone-Tech	Rozeena
18	HR Learning Matrix	01-Mar-21	BIC, BUIC	3	HR Trainings	Fatimah Abbas



S. #	Company Name	Date of Incubation	Startup Location	Number of HR	Domain / Area of Startup	Contact Details (Name of Team Lead)
19	AIK Technologies	01-Jun-21	BIC, BUIC	3	ICT	Imtiaz Ali Khan
20	Haider linguistics	01-Jun-21	BIC, BUIC	22	Translation Services	Shaibaz Haider
21	I-Build Solutions	01-Jun-21	BIC, BUIC	2	Construction	Hira Gardazi
22	CO-MAKE	05-Feb-21	BIC, BUKC	2	Online Store	Mr. Moin
23	Eco-Aware Pavement Aura	05-Feb-21	BIC, BUKC	3	Waste Management	Mr. Osama Dawood
24	Galmerchant	05-Feb-21	BIC, BUKC	5	E-commerce	Ms. Ramsha Ali
25	Moving Food	05-Feb-21	BIC, BUKC	3	Social Food Servies	Mr. Inzamam Baloch
26	REMEDIO	05-Feb-21	BIC, BUKC	3	E-Health Solutions	Mr. Zaigham Abbas Bangash
27	TUAM E KHAS	05-Feb-21	BIC, BUKC	2	Home based Food Finder	Mr. ABDUR REHMAN
28	SAVE ON CLICK	05-Feb-21	BIC, BUKC	1	E-Health Solutions	Mr .Abdul Basit Siddiqui
29	Caspian Packaging Pvt Ltd	01-May-21	BIC, BUKC	1	Packaging / Manufacturing	Mr. Ovais
30	Affliotech	01-May-21	BIC, BUKC	6	Web Development & SEO	Mr. Ahmed
31	GB - Giveaways Pvt Lts	01-May-21	BIC, BUKC	1	General Supplier	Dr. Muhammad Hannan
32	Chaynz Tech	01-May-21	BIC, BUKC	2	The Tech Hub Enterprise for Computing and IT solutions	Mr. Bilal
33	Inference Limited	01-May-21	BIC, BUKC	4	Transforming Companies Raw Data into Inshful B.I Dashboards	Mr. Monsoor
34	Bits Cllosion Pvt Ltd	01-May-21	BIC, BUKC	2	React-Native Applications	Mr. Aadesh

## Created by Startups at BICs

Number of jobs created by incubated/graduated companies (2020-21)					
S. No.	Company Name	No. of Jobs created	Startup Location	Domain / Area of Startup	Contact Details (Name of Team Lead)
1	TechAscend	2	BIC, BUIC	ICT	Faisal Iftikhar
2	Snack Shack	5	BIC, BUIC	Food	Shoaib Nadir
3	Rasaie	4	BIC, BUIC	Smart Logistics	Salman Masud
4	Knowlest/ Metasoft	1	BIC, BUIC	ICT	Abdullah Ismail
5	Digital Dastak	8	BIC, BUIC	Digital Marketing	Sheikh Sajawal
6	Errand.ly	3	BIC, BUIC	Marketing Solutions	Waleed Khan
7	Nanolite	1	BIC, BUIC	Smart construction	Muhammad Momen
8	TutionX	7	BIC, BUIC	Ed-Tech	Muhammad Ehsan Satti
9	Vintage Technologies	20	BIC, BUIC	Ed-Tech	Hassan Mujtaba
10	Shopify Engineers	8	BIC, BUIC	E-Commerce	Adil Awan
11	High Grafitti	9	BIC, BUIC	ICT	Muhammad Naeem
12	Fitness Plus	5	BIC, BUIC	Health Tech	Muhammad Aleem
13	Maven Logix	5	BIC, BUIC	ICT Marketing	Amna Masood
14	Oxbridge	7	BIC, BUIC	Ed-Tech/ STEM	Manzil Maqsood
15	Nerdware Tech	8	BIC, BUIC	Ed-Tech	Ibrahim Ramzan
16	Kite	6	BIC, BUIC	Data Management	Ali Hamza
17	Kalam 4 Solutions	6	BIC, BUIC	Drone-Tech	Rozeena
18	Grid	3	BIC, BUIC	Gaming / Social Change	Rizwan Nusrat

S. No.	Company Name	No. of Jobs created	Startup Location	Domain / Area of Startup	Contact Details (Name of Team Lead)
19	Anar Software	2	BIC, BUIC	Digital Marketing	Adil Dar
20	Shor Brands	6	BIC, BUIC	Digital Marketing	Talha Aslam
21	AIK Technologies	3	BIC, BUIC	ICT	Imtiaz Ali Khan
22	Haider linguistics	22	BIC, BUIC	Translation Services	Shaibaz Haider
23	HR Learning Matrix	3	BIC, BUIC	HR Trainings	Fatimah Abbas
24	I-Build Solutions	2	BIC, BUIC	Construction	Hira Gardazi
25	CO-MAKE	2	BIC, BUKC	Online Store	Mr. Moin
26	Eco-Aware Pavement Aura	3	BIC, BUKC	Waste Management	Mr. Osama Dawood
27	Galmerchant	5	BIC, BUKC	E-commerce	Ms. Ramsha Ali
28	Moving Food	3	BIC, BUKC	Social Food Servies	Mr. Inzamam Baloch
29	REMEDIQ	3	BIC, BUKC	E-Health Solutions	Mr. Zaigham Abbas Bangash
30	TUAM E KHAS	2	BIC, BUKC	Home based Food Finder	Mr. ABDUR REHMAN
31	SAVE ON CLICK	1	BIC, BUKC	E-Health Solutions	Mr .Abdul Basit Siddiqui
32	Sadqa e Jariya	35	BIC, BUKC	Social Entre-prenurship	Engr. Tanzeela
33	Sewistic	25	BIC, BUKC	E-commerece (Online ailing service)	Mr. Syed Nabeel Hadier
34	Alphatron Technologies	35	BIC, BUKC	IT (Aritificial Intelligence / IoT, & Blockchain)	Ms. Alina
35	Techbee (SMC-Private) Limited	15	BIC, BUKC	IT/ & Robitics	Engr. Zeeshan Sarwar

## Revenue Generated by Startups at BICs

Revenue/funds Generated by Startups (2020-21)					
S. No.	Company Name	BIC Location	Product or Service	Revenue Generated (PKR in million)	Domain / Area of Startup
1	TechAscend	BIC, BUIC	ICT	1	ICT
2	Snack Shack	BIC, BUIC	Food	4.5	Food
3	Knowlest/ Metasoft	BIC, BUIC	ICT	0.3	ICT
4	Digital Dastak	BIC, BUIC	Digital Marketing	5	Digital Marketing
5	Vintage Technologies	BIC, BUIC	Ed-Tech	9	Ed-Tech
6	Shopify Engineers	BIC, BUIC	E-Commerce	2.4	E-Commerce
7	High Graffiti	BIC, BUIC	ICT	1.8	ICT
8	Fitness Plus	BIC, BUIC	Health Tech	0.5	Health Tech
9	Maven Logix	BIC, BUIC	ICT Marketing	8.4	ICT Marketing
10	Oxbridge	BIC, BUIC	Ed-Tech/ STEM	1.45	Ed-Tech/ STEM
11	Nerdware Tech	BIC, BUIC	Ed-Tech	3.5	Ed-Tech
12	Kalam4 Solutions	BIC, BUIC	Drone-Tech	21	Drone-Tech
13	Grid	BIC, BUIC	Gaming / Social Change	1.5	Gaming / Social Change
14	Anar Software	BIC, BUIC	Digital Marketing	0.5	Digital Marketing
15	Shor Brands	BIC, BUIC	Digital Marketing	1.4	Digital Marketing
16	AIK Technologies	BIC, BUIC	ICT	0.1	ICT
17	Haider linguistics	BIC, BUIC	Translation Services	12	Translation Services
18	HR Learning Matrix	BIC, BUIC	HR Trainings	0.5	HR Trainings

S. No.	Company Name	No. of Jobs created	Startup Location	Domain / Area of Startup	Contact Details (Name of Team Lead)
19	I-Build Solutions	BIC, BUIC	Construction	0.05	Construction
20	Techbee (SMC) Private Limited	BIC, BUKC	Home Automation Kit	0.2	IT
21	Sadqa e Jariya	BIC, BUKC	ICT	3	Social Entrepreneurship
22	Sewistic	BIC, BUKC	E-Commerce	0.8	E-Commerce
23	Alphatron Technologies	BIC, BUKC	IT AI based Products & Api , Software development services	0.937	IT (Artificial Intelligence / IOT, Blockchain)
<b>Total Revenue Generated (PKR in Million)</b>					<b>79.837</b>

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

Business Innovation Centres at all campuses of BU have been working on bringing forth the business ideas into reality and promoting the entrepreneurial culture at Bahria University. As a result, significant activities have been conducted by BICs at campuses, details are as follows:

### Online Session on Legal Matters that Matter in Entrepreneurship

2 JULY 2020

This session was conducted to understand the Legalities in entrepreneurship and Speaker: Mr. Sohaib Saleem, CEO Wukala, in this session 104 students, faculty, and others were participated.



## Online Session on Bic-Bukc Startup - Success Story O.8

3 JULY 2020

This session was conducted to promote entrepreneurship. Mr. NuZaiiff Ather, CEO Nauf Networks, conducted this session, which was attended by both students and faculty.



## Online Training on ABC of Startup Incubation in Pakistan

10 JULY 2020

This session was conducted to build Entrepreneurship Mindset Development. Engr. Syed Rizwan Ali, Manager BIC-BUKC, conducted this session in which 631 students and their startups participated.



## Online Training on Industrial IoT and Role of Artificial Intelligence (A.I)

10 JULY 2020

This session was conducted for the students on how they can benefit from emerging technologies. Ms. Alina Baber, CEO Alpatron Technologies Pvt Ltd, Startup of BIC- BUKC, conducted this session in which 1,800 students participated.





## Startup Funding in Pakistan: How to Raise Money

16 JULY 2020

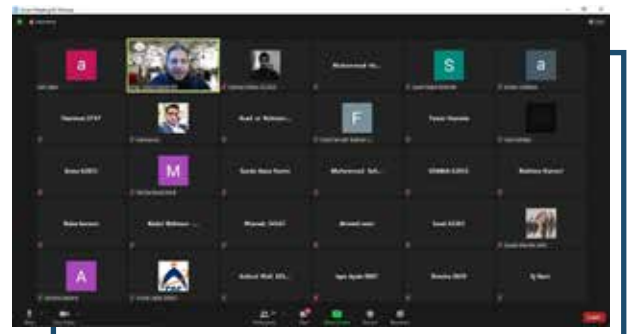
This session was conducted for Startups, on how they can get funding. Mr. Khurram Zafar Director, 47 Ventures Ltd, Mr. Kamran Niazi Economic Growth Specialist, USAID / Pakistan, & Mr. Sleem Hasan Founder & CEO, Privity FZ LLE, conducted this session in which 50 students and faculty participated.



## Online Session on Startup's Survival at Covid-19

24 JULY 2020

This session was conducted to exchange US and PK startup condition in COVID by Ms. Tracy, Director Incubation Center, Texas University for Women. In this session 53 students and their startup participated.



## Webinar on Personal and Professional Development

26 JULY 20

This session was conducted for Personal Innovation & Leadership Development. Speaker was Mr. Faisal Sherjan, Director NIC LUMS. This session was attended by 173 students and faculty.



## Webinar on Pakistan-US. It Cooperation on Unlocking the Potential

27 JULY 2020

This session was on IT & Export Startups. The speaker was Mr. Shoaib Ahmad Siddiqui Federal Secretary IT and Telecom. In this session 2000 students and startups participated.



## Online Session on BIC-BUKC Startup - Success Story O.9

09 AUGUST 2020

This session was conducted on Success Story of a BUKC startup. Speaker: Mr. Syed Faizan Hussian, awarded by honorable Queen Elizabeth of England, graced this event which was attended by 273 startups, & students.



## Online Session on BIC-BUKC Startup - Success Story O.10

12 AUGUST 2020

This session conducted on Entrepreneurship, was conducted by Mr. Mohsin Mohiuddin, CEO & Founder Mechanic Ustaad. It was attended by 173 students.



## Online Session on Opportunities for Women Entrepreneurs

19 AUGUST 2021

This session was conducted on Women Entrepreneurship, by Ms. Sadaffe Abid, founder of CIRCLE Women Association. This session was attended by 136 students.



## Online Session on Startup Mindset

20 AUGUST 2020

This session was on Startup Development. Speaker: Engr. S. Rizwan Ali Assist. Prof. / Manager BIC-BUKC was there along with 98 students were participated.



## Online Session on BIC-BUKC Startup - Success Story O.II

27 AUGUST 2020

This session was conducted on Entrepreneurship. Speaker: Mr. Abdul Rafay Baloch shared his experience with 800 student participants.



## Online Session on Industry 4.0 & Entrepreneurial Opportunities

28 AUGUST 2020

This session was conducted on Industry experience. Speaker Mr. Shabbir, OD, Strategy & System Integration Expert conducted this session with 192 students.



## Online Session on Startup Mindset

2 SEPTEMBER 2020

This session was conducted on Startup Mindset / Entrepreneurship. Speaker: Mr. Syed Abdul Basit, Director Founder Institute Karachi Partner, Ali & Associates”, shared his views with 1,500 students and there startups.



## Online Session on Think From Top of the Box

9 SEPTEMBER 2020

This session was conducted on Entrepreneurship / Creating Opportunity. Speaker: Mr. Majyd Aziz, President MHG Group of Companies, Former President KCCI, & SITE Association of Industry, graced this event having 290 students, & startups.



## Online Training on how Entrepreneurs Can Think Like A VC, with Jim Franklin

15 SEPTEMBER 2020

This session was conducted on Startup Funding by speaker, Mr. Jim Franklin, Instructor, University of Colorado, Boulder. This session was attended by 915 students and startups.



## BIC 6th Cohort Startups Finals

16th - 17th SEPTEMBER 2020

Our 6th Final Pitch Round for BIC's Startup Factory, and Business Accelerator, took place on the 16th and 17th of September 2020, where top 30 finalist pitched their innovative ideas/ Prototypes/ minimum viable products, in front of a panel constituting of members from HEC, Development Sector, and Experts from the Industry/ startup Ecosystem.

These Startups will be part of a 12-month tailor-made program, where they will be worked upon on scaling up every aspect of their respective business models. The program provides an array of business support resources, and services constituting of a series of hands-on, practical workshops in key areas of knowledge, for starting business and sparring sessions with experts, key movers and shakers from diverse backgrounds in the industry. Our startups housed at the Business Accelerator have been successful, in not only upscaling their respective business models, but also have acquired grants from national and international stakeholders to further increase their business scope and human resource. Currently our startups have provided internships to more than 35 talented individuals to help them run and/or manage their businesses.





## Online Session on Startup Idea Bootcamp: How to Evaluate Your Ideas

19 SEPTEMBER 2020

This session was conducted on Entrepreneurship / Idea Evaluation by speaker Mr. Owais Hassan Shaikh, Chairman, Department of Law, Szabul, Mr. Farzal Dojki Founder & CEO, Next Generation Innovation and Mr. Ali Kabir Shah Partner, Ali & Associates, in this session 60 students and startups participated.



## Online Session on BIC-BUKC Startup - Success Story O.12

4 OCTOBER 2020

This session was conducted on Entrepreneurship and be your own boss. Speaker: Mr. M. Ramzan Khan, CEO Print Eazy, also startup of BUKC, graced this session having 264 students and startups.

## Startup Orientation Session

15th OCTOBER 2021.

Orientation session of our 6th cohort startups took place at Bahria Innovation Center on 15th of October 2020. Startups from different domains including Ed-Tech, Health Tea, Tele medicine, Sports & Fitness, Logistics & Real estate, and Wearables were housed at BIC, where our Team would be working closely with them to help and better guide them into sustainable and profitable businesses. We also thanked Mr. Zohain Jawad for being part of this session as a guest speaker from Jazz.





## Business Accountability Boot Camp

19 OCTOBER 2020

This session was conducted on Business Ethics and Ethical Leadership by Mr. Fayyaz Yaseen, Director, Accountability Lab. This session was attended by 30 students and startups.



## Online Session on Bic-Bukc Startup - Success Story O.13

22 OCTOBER 2020

This session was conducted on Entrepreneurship and code writing. Speakers: Ms. Amal Saad, CEO Wolancer, & Mr. Irtiza, MD Wolancer, both startup of BUKC, shared their knowledge with 931 students and startups.



## Online on Business Ethics in Pakistan

4 NOVEMBER 2020

This session was conducted on Entrepreneurship / Business Ethics by Mr. Imtiaz Rastgar, Chairman, Asian Institute of Industrial Air-AIIA, Australia. This session was attended by 931 students and startups.



## Online Session on Entrepreneurship in Education

18 NOVEMBER 2020

This session was on Entrepreneurship and Education. Speakers: Engr. Dr. Najam A. Anjum, Assistant Professor, Business School, IBA, & Dr. Suleman Shahid, Assistant Professor, CS dept., LUMS, conducted this session with 211 students and startups.



## Online Session on Global Entrepreneurship Network Week

21 NOVEMBER 2020

This session was conducted on Entrepreneurship and Research Development. Speaker: Dr. Daifallah Al-luhaidan, Startup Grind Director, Middle East, graced this session which was attended by 268 students and startups.



## Online Conference on 21 Disrupt 2020

30 NOVEMBER 2020

This conference was conducted on Entrepreneurship and Echo System. Speakers: Mr. Mudassar Sheikh CEO Founder Careem, Mr. Ghais Khan, CIO - President Engro Corporation, Mr. Sagheer Mufti, COO HBL Ltd, & Others, having 3000 students, startups, & others as participants.



## Online Session on Entrepreneurship & Start up Eco System

11 DECEMBER 2020

This session was conducted on Entrepreneurship / Startups. Speaker: Engr. Syed Rizwan Ali Assistant Professor / Manager Business Incubation Center, Bahria University Karachi Campus, BIC-BUKC, led this session with 30 students and startups as participants.



## Online Orientation Session on Digital Academy of Pakistan - (Dap)

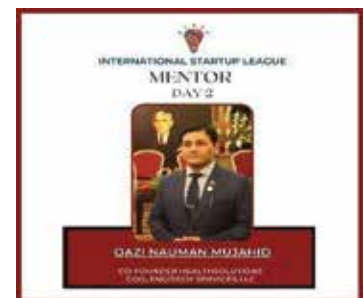
22 DECEMBER 2020

This session was on Entrepreneurship and Skill Development. Speaker: Engr. Syed Rizwan Ali Assistant Professor / Manager Business Incubation Center, Bahria University Karachi Campus, BIC-BUKC, and Mr. Ammar Jaffery, Former DG, FIA, & Others, conducted this session with 35 students and startups.

## Online Mentoring Session on Entrepreneurial Skill Development

14 JANUARY 2021

This session was on Entrepreneurship and Skill Development. Speaker: Engr. Qazi Nouman Mujahid, CEO Founder Health Solutions & COO Engitech Services LLC, led this session having 44 students and startups.



## Online Mentoring Session on Effective Pitching

14 JANUARY 2021

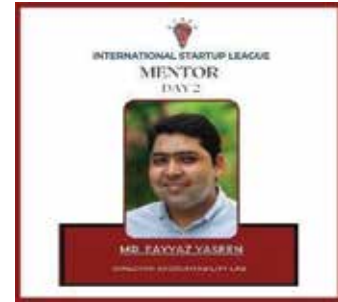
This session was on Pitching. Speaker: Mr. Umair Bin Shuja, Senior Manager, KPMG Lower Gulf, led this session with 44 students and startups.



## Online Mentoring Session on Entrepreneurial Financing

14 JAN 2021

This session was conducted on Entrepreneurial Financing by speaker: Mr. Fayyaz Yaseen, Director, Accountability Lab. 44 students and startups participated in this event.



## Online Mentoring Session on Business Models

14 JANUARY 2021

This session was conducted on Entrepreneurial Business Models by speaker: Ms. Irum Fawad CEO, DAP & President Women Entrepreneurs, in this session 44 students and startups participated.

## Online Panel Discussion on “ “Entrepreneurship covid19” “

16 JANUARY 2021

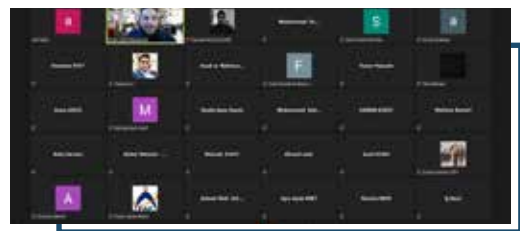
This session was conducted on “Entrepreneurship and COVID19”. Speakers: Ms. Giovanna Remondini, Alumna Stanford & Mr. Arzish Azam, Co-founder & CEO at Ejad Labs, & others graced this event, having 80 students and startups as participants.



## Online Session on the Global E-Commerce Opportunity

25 JANUARY 2021

This session was conducted on E-Commerce Startups. Speaker: Mr. Atif, Team Lead of Extreme Commerce, chaired this session having 277 students and startups.



## Usiad Interactive Session with Startups

27TH JANUARY 2021

Bahria innovation center, and International Islamic University Islamabad, in collaboration with UNDP, held a virtual meetup session with entrepreneurs and trainees of business incubation programme, where they shared their training experience and entrepreneurial journey with Ms. Monica Moore, KP Office Director, USAID. The event was attended by officials from USAID Pakistan, UNDP Pakistan and implementing partner representatives.



## Online Youth Conference on Entrepreneurial Mindset Development Initiative 21

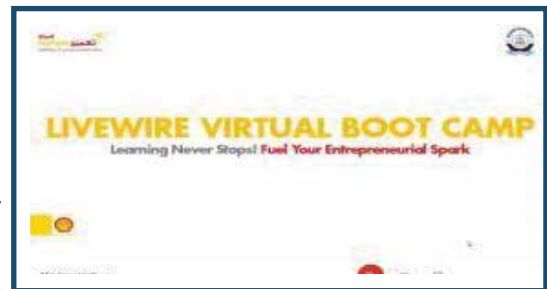
4 FEBRUARY 2021

This session was conducted on Entrepreneurship & Mindset Development. Speaker: Engr. Syed Rizwan Ali Assistant Professor / Manager Business Incubation Center, Bahria University Karachi Campus, BIC-BUKC, led this session, having 50 students and startups.

## Shell Tameer Virtual Boot Camp

4 MARCH 2021 TO 08 APRIL 2021

This training was conducted on "Entrepreneurship Complete Training Program COVID19. Mr. Imran Azeem, Manager Shell Tameer, Mr. Huzafia, Founder Edvon Pvt Ltd, Mr. Asad Noman CEO, & others, graced this session having 35 students and startups as participants.



## International Digital Pakistan Global Women Summit

8 MARCH 2021

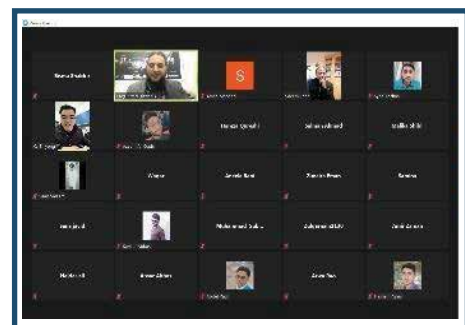
This training was on Women Entrepreneurship Speakers: Mr. Alina Baber, CEO- Founder Alphatron Technologies Pvt Ltd BIC-BUKC, Ms. Amal Saad, CEO, Woolencer, Senator Sajjad Hussain, Senator Sana Jamali, MNA M. Akram Cheema, & Others, conducted this session with 70 students and startups as participants.



## Pakistan National Investor Portal - (PNIP) Awareness Session for the Business Incubation Centers

8-MAR-21

This training was on Crowdfunding / Startup Funding. Speaker: Mr. Omer Javed Ghani, CEO (PNIP), & others, conducted this session with 20 students and startups.



## How to Pitch Effectively a Business Idea in Competitions

15 MARCH 2021

This session was on Entrepreneurship / How to Pitch. Speakers: Engr. Syed Rizwan Ali Assistant Professor / Manager Business Incubation Center, Bahria University Karachi Campus, BIC-BUKC, & Mr. Talha Bin Shujaa, Manager Business Incubation Center, University of Karachi KU-BIC, conducted this session with 44 students and startups as participants.



## Freelancing Knowledge Session

18 MARCH 2021

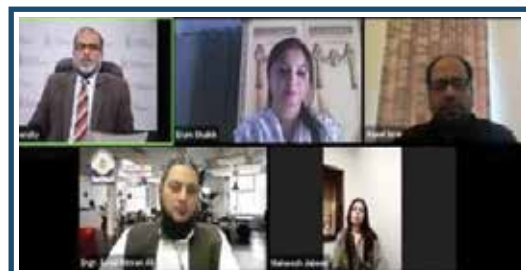
This session was conducted on Entrepreneurship / Own Business. Speaker: Mr. Adeel Murtuza, CEO, eBlong, USA, graced this session having 103 students and startups.



## Webinar on BIC's Challenges & Opportunists

26 MARCH 2021

This session was conducted on Challenges & Opportunists of Business Incubation Centers. Speakers: Engr. Syed Rizwan Ali Assistant Professor / Manager Business Incubation Center, Bahria University Karachi Campus, BICBUKC, Dr. Aqeel Israr, NUST Business School, Dr. Erum Shaikh, Sindh University, & others, having 3500 students and startups as participants.



## Startup Competition Finals in Collaboration with Iba-Oxfam

4TH AND 5TH APRIL 2021.

IBA-OXFAM in collaboration with Bahria Innovation center held a Final Pitching Session of Startup Competition Program, where the volunteers shared their Ideas and Presentations to judges. The winners have been awarded cash prizes which would be a





addition to their Innovative startups. The event was held on 4th and 5th April 2021. The major aim of IBA Startup Competition Program is to strengthen the entrepreneurial ecosystem of Pakistan, through startups competitions program. this program aims to improve economic and social strengths of young men and women particularly living in rural climate-change affected areas.

## Online Session On Identifying Critical Success Factors For University Business Incubators

**01 MAY 21**

This session was on Startups & University BIC's. Speakers: Engr. Syed Rizwan Ali Assistant Professor / Manager Business Incubation Center, Bahria University Karachi Campus, BIC-BUKC, Dr. Sameen Shah, Assistant Professor Iqra National University, Ms. Iqra Mailk, Diector, Gateway Hub Pvt Ltd, and Engr. Umar Farooq, President YIC, conducted this session with 135 student participants.

## Fitness Plus and Fitdiction Partnership

**20TH MAY, 2021**

Fitness Plus a well-known startup of Bahria Innovation Center. The startup has partnered up with "Fitdiction Gym" at F-8 Markaz. This is an online holistic platform providing UK accredited education and training in Health, Fitness and Healthy lifestyle. Bahria Innovation Center is providing the best Office spaces at the heart of Islamabad. Startups have access to conference rooms, uninterrupted electricity, Internet, and other university resources. Network building with successful entrepreneurs, mentors, consultants through events, seminars, training, conferences, and symposiums.



## An Interactive Meetup Session Hosted by Manager Bic, Buic

**DATE: 26TH MAY 2021**

An interactive meetup session was arranged at BIC on 26th May 2021, where Manager BIC Mehr Hassan met startups incubated, and shed light on new emerging developments and opportunities in the ecosystem. Furthermore, challenges faced and to date progress levels of each startup were also discussed. Mehr ul Hassan is an Entrepreneur, Technology and Entrepreneurship Evangelist who leads the Business Incubation and Accelerator Program at Bahria University, Islamabad



## Inauguration of Bahria Innovation Center

Bahria Innovation Center Lahore was inaugurated by Honorable Rector Bahria University Vice Admiral Kaleem Shaukat HI (M) (R) and Dr. Amjad Saqib, CEO Akhuwat Foundation on 30 Mar 21. Bahria Innovation Center Lahore aims to promote entrepreneurship by providing state of the art co-working space, startup incubation and acceleration support. Mr. Sufian Ahmad Bajar Senior Lecturer, Department of Management Sciences is the founding Program Manager of Bahria Innovation Center Lahore.

## Inauguration of Professional Grooming and Communication Lab

Honorable Rector Bahria University, Vice Admiral Kaleem Shaukat HI (M) (R) inaugurated Professional Grooming and Communication Lab at Bahria University Lahore Campus, on 30th Mar 21. Objective to develop a lab is to professionally groom students at par with industrial requirements to stand out in the competition. The Lab is equipped with latest English language learning software and tools. Ms. Nayab Zohaib Mufti Senior Lecturer of Department of Management Sciences is the founding Manager of Communication Lab.



## Inauguration of Final Year Project (FYP) Lab

On 30th Mar 21, Honorable Rector Bahria University, Vice Admiral Kaleem Shaukat HI (M) (R) inaugurated Final Year Project (FYP) Lab at BULC. This lab is developed to provide students with a space and all other facilities that could help them completing their final year projects. Dr. Aasim Ali, Assistant Professor CS Department is founding Coordinator of Final Year Project Lab.



## MOU between Bahria University and Akhuwat Islamic Microfinance

On 30th Mar 21, a Memorandum of Understanding (MOU) was signed between Bahria University and Akhuwat Islamic Microfinance. Rector Bahria University, Vice Admiral Kaleem Shaukat HI (M) (R) and Founder Akhuwat Foundation, Dr. Amjad Saqib signed an MoU. Joining hands with Akhuwat Islamic Microfinance, aimed to promote wide ranging collaboration between the two esteemed institutions.



## Business Idea Competition

On 22 Jun 21, Dr. Syed khurram Jaffery (Senior Associate Professor, Management Sciences Department) arranged a Business Idea Competition for Entrepreneurship students of Management Sciences department.





## Post COVID-Challenges & Opportunities for Startup Incubators in Pakistan

The webinar session was organized by BIC, BULC on 7th October, 2020, on Post COVID-Challenges & Opportunities for Startup Incubators in Pakistan.

**Post COVID-Challenges & Opportunities for Startup Incubators in Pakistan**

**Ms. Anum Naseem**  
Program Manager, NSPIRE

**Mr. Kaleem Ullah**  
Manager, LUMS NIC

**Mr. Mehru Hassan**  
Manager, Bahria Innovation Center Islamabad

Moderated by

**Mr. Sufian Ahmad**  
Manager, Bahria Innovation Center Lahore

**Bahria University**  
Lahore Campus  
(A Project of Pakistan Navy)

Powered by  
**BIC**  
LAHORE  
Bahria Innovation Center

## Entrepreneurship During COVID-19, Psychological Challenges

The webinar session was organized by BIC, BULC on 17th September, 2020 on Entrepreneurship During COVID-19, Psychological Challenges by Dr. Amjad Saqib as Guest Speaker.

**Bahria University**  
LAHORE CAMPUS

**ENTREPRENEURSHIP DURING COVID 19: PSYCHOLOGICAL CHALLENGES**

BY  
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**Discussion Panel:**  
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(Manager, Bahria Innovation Center)

**Sep 17, 2020 | 11AM-12PM**  
**ZOOM/LIVE ON FACEBOOK**

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## Chapter 03

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# Quality Assurance





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# 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

- i. Self-Assessment
- ii. Self-Academic Audit
- iii. Mock-Audit
- iv. Corrective Action Plan
- v. Analysis of Students Feedback and Faculty Evaluation

### External Quality Assurance (EQA) Mechanism

- i. Inspection/Review of Accreditation Bodies
- ii. Inspection/Review of Higher Education Commission

### External Quality Assurance (EQA) Mechanism

External Quality Assurance 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.

- Asia Pacific Quality Network (APQN)
- NQAAHE (International Network for Quality Assurance Agencies in Higher Education)
- AQAAIW (Association of Quality Assurance Agencies of the Islamic World)
- QEC Yahoo Network
- The Talloires Network
- Association of Commonwealth Universities (ACU)
- Pakistan Network of Quality Assurance of Higher Education

## 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.

## Academic Mock Audits at Bahria University

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

S#	Campus/CUs	Department	Program/Lab	Date of Event
1	Islamabad	<ul style="list-style-type: none"> <li>Computer Engineering</li> <li>Electrical Engineering</li> <li>Software Engineering</li> </ul>	<ul style="list-style-type: none"> <li>Bachelor of Computer Engineering</li> <li>Bachelor of Electrical Engineering</li> <li>Bachelor of Software Engineering</li> </ul>	4-6 Apr 2021
2	Karachi	<ul style="list-style-type: none"> <li>Earth and Environmental Sciences</li> </ul>	<ul style="list-style-type: none"> <li>Environmental Research Centre</li> <li>Aquatic Diagnostic Research Centre</li> </ul>	29-30 Mar 2021
3	Medical, Karachi Dental, Karachi Nursing, Karachi	<ul style="list-style-type: none"> <li>Medical</li> <li>Dental</li> <li>Nursing</li> </ul>	<ul style="list-style-type: none"> <li>MBBS</li> <li>BDS</li> <li>DPT</li> <li>BS Medical Laboratory Technology</li> <li>BS Nursing</li> <li>All M Phil Programs</li> </ul>	8-11 Mar 2021
4	Karachi	<ul style="list-style-type: none"> <li>Management Studies</li> </ul>	<ul style="list-style-type: none"> <li>Bachelor of Business Administration</li> <li>BS Accounting &amp; Finance</li> <li>Master of Business Administration</li> </ul>	31-Mar-2021
5	Islamabad	<ul style="list-style-type: none"> <li>Business School</li> </ul>	<ul style="list-style-type: none"> <li>Bachelor of Business Administration</li> <li>Master of Business Administration</li> </ul>	9-10 Feb 2021
6	Islamabad	<ul style="list-style-type: none"> <li>Professional Psychology</li> </ul>	<ul style="list-style-type: none"> <li>BS Psychology</li> </ul>	27 Nov 2020
7	Lahore	<ul style="list-style-type: none"> <li>Professional Psychology</li> </ul>	<ul style="list-style-type: none"> <li>BS Psychology</li> </ul>	26 Nov 2020
8	Islamabad	<ul style="list-style-type: none"> <li>Earth and Environmental Sciences</li> </ul>	<ul style="list-style-type: none"> <li>All Programs</li> </ul>	23-Nov-2020

S#	Campus/CUs	Department	Program/Lab	Date of Event
9	Lahore	<ul style="list-style-type: none"> <li>Computer Science</li> </ul>	<ul style="list-style-type: none"> <li>BS Computer Sciences</li> <li>BS Information Technology</li> </ul>	24-25 Nov, 2020
10	Karachi	<ul style="list-style-type: none"> <li>Earth and Environmental Sciences</li> </ul>	<ul style="list-style-type: none"> <li>All Programs</li> </ul>	22-Oct-2020
11	Karachi	<ul style="list-style-type: none"> <li>Earth and Environmental Sciences</li> </ul>	<ul style="list-style-type: none"> <li>All Programs</li> </ul>	22-Oct-2020
12	Islamabad	<ul style="list-style-type: none"> <li>Earth and Environmental Sciences</li> </ul>	<ul style="list-style-type: none"> <li>All Programs</li> </ul>	22-Oct-2020

### Self Academic Audit conducted during

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
Islamabad	<ul style="list-style-type: none"> <li>BS Media Studies</li> <li>BS TV and Broadcasting</li> <li>BS Accounting and Finance</li> <li>BS Economics</li> <li>BS Social Sciences</li> <li>BS Public Health</li> </ul>	March, 16-18, 2021
Islamabad/Lahore	<ul style="list-style-type: none"> <li>All MS/MPhil and PhD Programs</li> </ul>	March, 16-18, 2021
Lahore	<ul style="list-style-type: none"> <li>Bachelor of Business Administration</li> <li>Master of Business Administration</li> </ul>	March, 10-12, 2021
Karachi	<ul style="list-style-type: none"> <li>All Post graduate programs</li> </ul>	February, 26-28, 2021

Islamabad/Karachi	<ul style="list-style-type: none"> <li>• LLB</li> <li>• Bachelor of Business Administration</li> <li>• Master of Business Administration</li> <li>• Bachelor of Computer Engineering</li> <li>• Bachelor of Software Engineering</li> <li>• Bachelor of Electrical Engineering</li> <li>• Bachelor of Computer Science</li> <li>• Bachelor of Information Technology</li> </ul>	September, 21-22, 2020
Campus/Constituent Unit	Program	Date
Medical/Dental/Nursing	<ul style="list-style-type: none"> <li>• MBBS</li> <li>• BDS</li> <li>• DPT</li> <li>• BS Medical Laboratory Technology</li> <li>• BS Nursing</li> <li>• All MPhil Programs</li> </ul>	September, 21-23, 2020
Lahore	<ul style="list-style-type: none"> <li>• Bachelor of Business Administration</li> <li>• Master of Business Administration</li> <li>• Bachelor of Computer Science</li> <li>• Bachelor of Information Technology</li> <li>• Master in Computer Sciences</li> <li>• Master in Project Management</li> <li>• Master in Management Sciences</li> <li>• PhD in Management Sciences</li> </ul>	September, 21-23, 2020
Islamabad/Karachi/ Lahore	<ul style="list-style-type: none"> <li>• All Post graduate programs</li> </ul>	September, 23-24, 2020

### Impact of Quality Assurance & Academic Audits

- More Ph.D. faculty has been hired / inducted.
- Teaching and Learning methods have been improved.
- Student's Feedback/Surveys are given due importance.
- PERN utilization has been increased.
- More Research publications in ISI – indexed & Impact factor journals.
- More offices for faculty & classrooms for students have been established.
- Libraries of the Campuses have been upgraded.
- 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.
- About 350 cash award for researcher and publication fee were awarded during 2020-2021

## Faculty Evaluation

- As per HEC guidelines, Teacher evaluation is one of the important feedback mechanisms 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 before mid-term exam and second evaluation before 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.

## QS Asia Rankings

QS announced Asia Rankings 2021. As many as 47 Pakistani universities have been named among the top 686 higher education institutes in Asia. Bahria University for the fourth consecutive year has been ranked in QS Asia University Rankings. It is ranked **401-450**. Among 47 Pakistani Universities, Bahria University on **20th** position

## Best Faculty Researcher Award

Best Faculty & Student Researcher Award have been awarded by the Honorable Rector to faculty members & student of Bahria University at each Constituent Unit.

S#	Faculty Member & Designation	Department	Campus	Cash Award
1	Dr. Kashif Naseer Qureshi Associate Professor	Computer Sciences	Islamabad	Rs.50,000/-

## Distinguished Teaching Award

Distinguished Teaching Award for the year 2020 has been awarded by the Honorable Rector to faculty members of Bahria University at each Constituent Unit. The list of awardees for the year 2020 is as under:

S#	Faculty Member & Designation	Department	Campus	Cash Award
1	Dr. Arif-ur- Rehman Associate Professor	Computer Sciences	BUIC	Rs.50,000/-
2	Engr. Bushra Fazal Assistant Professor	Software Engineering	BUKC	Rs.50,000/-
3	Ms. Urooj Aijaz Senior Lecturer	Management Studies	BUKC	Rs.50,000/-
4	Ms. Fareeha Kanwal Assistant Professor	IPP	BUKC	Rs.50,000/-
5	Dr. Beenish Fatima Alam Senior Assistant Professor	Oral Biology	BUMDC	Rs.50,000/-

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. Beenish Fatima Alam, Sr. Assistant Professor, Department of Oral Biology from Dental Section



# Chapter 04

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## Internationalization







# International Office

In an unremitting run for quality enhancement, escalating international linkages, perking up foreign connections & global image; Bahria University has established a dedicated International Office for engaging in meaningful international academic collaborations aimed at development of Student, Officials, Staff, and Curriculum. The International Office acts as central point for establishing, engaging, and strengthening the global footprint of Bahria University. International Office also contributes towards securing memberships and accreditations of International Accreditation Bodies and Education Networks.

The year 2020-2021 turned out to be a progressive year, where, regardless of the challenges posed by numerous waves of the COVID-19 International Office at Bahria University has dedicatedly pursued and engaged in meaningful academic collaborations at international level ensuring deliverance of maximum value for students, staff, officials, faculty, and the University as whole.

## Academic Collaborations

During year 2020-2021 Bahria University has signed Memorandum of Understanding with Five International Universities. The scope of collaboration includes Credit Articulation, Student/Faculty Exchange Programs, Study Tours, Summer Schools, International Internships, International Conferences, Joint Research, Workshops, and Seminars. In order to provide international academic exposure to students of Bahria University, agreements for exchange of students are signed with different Universities around the world. Under these agreements, BU students study in an international partner university for one semester on tuition fee free arrangement. These MoUs are signed with 11 Universities based in USA, Italy, Spain, China and Turkey.

### MOU signed with University of Almeria, Spain

Making an addition to the list Bahria University has signed MOU with University of Almeria, Spain, for exchange of students in June 2021. University of Almería (UAL) is a public research University, located in the city Almeria, in Spain. UAL is Ranked in the Top 40 nationally (total 112), and among top 1000 worldwide. The MOU will enable BU to send 03 Business Students on Exchange Programme to University of Almeria, Spain, every year.



## MOU signed with The Amsterdam University of Applied Sciences, Netherlands, Faculty of Technology – Maritime

Bahria University had signed an MoU for academic cooperation with Amsterdam University of Applied Sciences (AUAS), Netherlands, in 2017. Both universities had been engaged in a number of collaborative activities including conduct of Summer School, participation in International Conferences, conduct of Faculty development Seminars, Guest Talks and many more. Based on the established understanding Bahria University and Amsterdam University of Applied Sciences, Netherlands has agreed to expand the scope of existing MOU and include collaboration in domain of Maritime education. Therefore, an MOU was signed between Bahria University and Faculty of Technology/Maritime at the Amsterdam University of Applied Sciences, Netherlands, in February 2021. Areas of cooperation agreed upon, but not limited to are:



- a. Academic and administrative staff exchanges
- b. Joint research activities
- c. Exchanges of academic materials
- d. Summer/Winter/Spring School activities

## MOU signed with ASFAT Turkey

Bahria University has signed academic MOU with The Turkish State-Owned Defense contractor ASFAT in 17 June 2021. The broad areas of collaboration are as follow:



- a. To provide MS/MPhil or PhD scholarship opportunities to BU students by ASFAT
- b. To conduct activities focused on development of Maritime Studies faculty of Bahria University.
- c. To provide fully funded exchange opportunities to BU students by ASFAT.
- d. To, provide short-term academic opportunities to BU students e.g. internships, short courses and summer programmes.
- e. To establish Maritime Engineering Department at BU Karachi Campus with support of ASFAT.

- f. To Conduct of joint research in the field of common research where applicable.
- g. To Collaborate in any other areas/matters of mutual interest that will be determined by mutual agreement of the Parties.

### MOU with University of Malaysia Sarawak (UNIMAS)

Bahria University has signed MOU with the University of Malaysia Sarawak (UNIMAS) in 9 June 2021. The areas of academic collaboration agreed upon but not limited to are as below:

- a. Undertake research and development activities on areas of mutual interests;
- b. Encourage participation of local and international communities in conferences, seminars;
- c. Promote in online teaching, training, and projects
- d. Enhance faculty and student exchange program,
- e. Inculcate Research and student mobility programs including semester abroad;
- f. Develop Graduate Studies (Co-Supervision/External Examiners/Students);
- g. Develop Faculty Development Program;
- h. Undertake Member in Bahria University Statuary Bodies;
- i. Undertake Corporate advisory Committee (CAC) membership for industry experience faculty; and
- j. Promote Any other areas of co-operation to be mutually agreed upon by the Parties.



### MOU signed with Ulster University, UK

Bahria University has signed academic agreement with Ulster University, UK, in 03 July 2020. Ulster University is the largest University in Northern Ireland offering higher education in domains of arts, business, engineering, information technology, life and health sciences, management, and social sciences. The areas of cooperation agreed upon are as follows:

- a. Exchange of students
- b. Exchange of faculty
- c. Credit transfers (2+2) for undergraduate and (1+1) for Master's programme
- d. Joint research/scientific projects
- e. Participation in joint academic conferences, workshops and seminars
- f. Guest lectures
- g. Internships for students/faculty for short duration
- h. Joint summer/winter school programmes
- i. Any other area of mutual interest.

## 1<sup>st</sup> International Conference on Allama Muhammad Iqbal

Bahria University has organized 1st International Conference on Allama Muhammad Iqbal to commemorate the 143rd birth anniversary of Hakeem ul Ummah, Sir Allama Muhammad Iqbal (Rehmatullah Alaih) and to bring Iqbal’s philosophical thoughts to the level where they can be effectively implemented in curricula and disseminated among the youth.

Chief of Naval Staff, Admiral Muhammad Amjad Khan Niazi NI(M) is Chief Guest of the session along with Senator Waleed Iqbal, Guest of Honor Ambassador of Turkey, H.E. Ihsan Mustafa Yurdaku, Guest of Honor Ambassador of Islamic Republic of Iran, H.E. Seyed Mohammad Ali Hossein and Professor Fateh Muhammad Malik as main speakers of the conference.



## Student Exchange Program

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 45 International Universities and organizations 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 2020 and Spring 2021 Semester Exchange Program with its partner universities in Turkey and Italy.

Fall 2020 Student Exchange Program			
Altinbas University, Turkey			
Name	Degree Program	Department	Campus
Mr. Ali Muhammad	BS(A&F)	Management Studies	BUKC
Spring 2021 Student Exchange Program			
Altinbas University, Turkey			
Name	Degree Program	Department	Campus
Ms. Undela Uneeb	BS (Psychology)	IPP	IPP
Istanbul Technical University, Turkey			
Name	Degree Program	Department	Campus
Ms. Hina Ahmed Rizvi	BBA	Business Studies	BUKC
Ms. Syeda Maryam Adnan	BBA	Business Studies	BUKC
Yasar University, Turkey			
Name	Degree Program	Department	Campus
Ms. Eman Asif	BS (Media Studies)	Media Sciences	BUIC



Sapienza University of Rome, Italy			
Name	Degree Program	Department	Campus
Ms. Romesa Ahmad	BBA	Business Studies	BUIC
Izmir University of Economics, Turkey			
Name	Degree Program	Department	Campus
Ms. Qintara Aisha Nizami	BS (Psychology)	IPP	IPP

## International Student Admissions

Bahria University has made concrete efforts towards recruitment of International Students during the 2020-2021. Regardless of the cross border challenges due to COVID a total of 34 International Students from 11 countries were successfully admitted to Undergraduate and Master Programs.



## 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 2020-2021.

1. Bahria University in collaboration with Macquarie University, Australia have organized a series of Guest Talks for students of all campuses on following contemporary topics.
  - a. **Global power - the shifts in Geopolitical Power**  
Resource Person: Dr Lavina Lee - Senior Lecturer in the Department of Modern History, Politics and International Relations at Macquarie University, Sydney.
  - b. **Technology and Your Future**  
Resource Person: Prof. D. Orsmond - Professor of Economics at the Macquarie Business School, Macquarie University, Sydney.
  - c. **Leveraging AI and Software Engineering**  
Resource Person: Dr Xi Zheng assistant professor and deputy director for software engineering and global engagement at Macquarie University in Sydney, Australia.

**d. Dealing with Financial uncertainty - Probability and Statistics**

Resource Person: Dr. Chong It Tan - Associate Professor, Department of Actuarial Studies and Business Analytics, Macquarie University, Australia.

**e. How to lie with numbers (and recognize when charts lie to you) 25 Nov 2020**

Resource Person: Professor Hume Winzar. Associate Professor. Associate Professor in Business, Department of Actuarial Studies and Business Analytics, Macquarie University, Australia.

**f. Brand Management 08 Dec 2020**

Resource Person: Dr. Rico Piehler – Senior Lecturer Department of Marketing, Macquarie University, Australia

**2.** Guest talk on “Campus to corporate – Moving to practical world” Bahria University has invited Mr. Moqem Ul Haque - Chief Commercial/ Strategy Officer (CCO) PTCL to deliver a guest talk on the topic of “Campus to Corporate– Moving to practical world.” The Webinar was attended by students from BUIC, BULC, BUKC, and international audience from Kazakhstan and China.



**3.** Guest talk on “Time Management in International Context - Working Round the Clock”Bahria University has invited Mr. Faraz Aslam – Country Head of Human Resource, Siemens Pakistan Engineering Co. Ltd, Pakistan to deliver a guest talk on the topic of “Time Management in InternationalContext - Working Round the Clock” The Webinar was attended by students from BUIC, BULC, BUKC, and international audience from Kazakhstan and China.

**GRE Orientation Sessions**

Bahria University in collaboration with Education USA and USEFP have organized Free GRE Orientation and Preparatory Webinar sessions for the students of Islamabad Campus. The sessions provided an interactive platform for GRE aspirants.



**Summer School**

Bahria University in collaboration with Amsterdam University of Applied Sciences Netherlands conducted an online Summer School Program on ‘International Business Skills’. The online session got global attention resulting in national as well as international participants including China and Kazakhstan. During the program, International Business Values were taught to students while understanding the cultural differences in Asia, Europe, Middle East and Africa. Professor Dr. Sander Schroevers from Amsterdam University of Applied Sciences, Netherlands was the lead resource person of the summer school. The session was also complimented through Career Pakistan Talk World by Top Global Professionals including Country Head HR Siemens Pakistan and Chief Commercial Officer PTCL.



# Chapter 05

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## Strengthening and Upgradation







# Strengthening and Upgradation

Strengthening and upgradation of computer laboratories, libraries and academic facilities are essential for achieving excellence in skill set of students. Realizing this, the University has spent huge amount in upgrading and setting up infrastructure and facilities. Details are in the ensuing paragraph.

## Procurement Dept- Last Financial Year (LFY) 2020-21 Salient Purchaes

S #	Description	Qty	Total Rs	Department
1.	Purchase of Lenovo PCs for Computer Lab	52	5,728,320/-	Business School- BUIC
2.	Installation of Electrical Points for Computer and Lab Staff Cubical for Computer Lab	01 Job	1,895,400/-	Business School - BUIC
3.	Firewall XG-450 License	01 Job	2,091,595/-	DIT Directorate – BUHO
4.	Lab Equipment (Geophysics & Geology Lab) for BUIC	01 Job	9,738,353/-	(Geophysics & Geology Lab) - BUIC
5.	Purchase/ Replacement of 50 x PCs for System Lab-1	50 PCs		BULC
6.	Provision of 4000 x 4GB Flash Drive	8000	2,681,100/-	Admission Directorate - BUHO
7.	SAN (Storage Area Networking)	01 Job	3,632,959-	IT Directorate BUIC
8.	Desktop PCs	30	2,310,000/-	Law Lab BUIC
9.	Networking and Misc Requirements	01 Job	888,996/-	Law Lab BUIC
10.	Desktop PCs	15	2,019,600/-	FYUP Hard Ware Lab EE Directorate
11.	Genset 500 KVA	01	15,686,000/-	NAB BIC Building

## IT Infrastructure

- Installation of Additional Access Points of 63 in number by HEC under SUP in newly constructed buildings of BUIC (Bahria Business School & Bahria Innovation Center). 63Mbps bandwidth has also been enhanced for said APs.
- New Engineering Block at BUKC has also been equipped with newly installed 50 Access Points by HEC under SUP Project. 50 Mbps bandwidth has also been enhanced for said APs.

## PERN Graphs of All BU Campuses



BU Islamabad Campus



BU Karachi Campus



BU Lahore Campus



BU Medical and Dental College



# Software Development

## HR Information System, ORIC portal, CP Fund

- Customization of HRIS promotion module and profiling system specifically for BUMDC Faculty promotion board.
- Addition of feature to keep the record of Blacklisted persons in HRIS as provided by HEC.
- Customization of ORIC portal for meeting the requirements of BUMDC faculty and HR promotion board as per PMC criteria.
- API development to integrate the HRIS and ORIC portal.
- Incorporation of Investment module feature in CP Fund application to manage the investment amount contributed by CUs and invested the collective amount in some scheme by the HO.
- Distribution of profit to CUs according to their investment ratio and subsequent distribution to employees by the CUs as per their contribution.

## Campus Management System

- Development of module in CMS Annual System for electronic submission of results of MBBS and BDS by the Head of Departments in BUMDC along with OMR result entry.
- Development of report for internal evaluation marks of module to all HoDs of BUMDC.
- Provision of uploading academic documents by the candidates at the time of admission.
- Development of module for electronically transfer of academic documents from admission to student profile.
- Implementation of CMS for PN Nursing College Karachi, along with detailed training sessions to their users.
- Development of Timetable management module
- Module development for managing the record of laptop loan scheme.
- Digitization of student's clearance form
- Development and Implementation of Thesis tracking module
- Development of module to analyze the Faculty Evaluation by HoD, Principal, Director Campus & DG electronically.

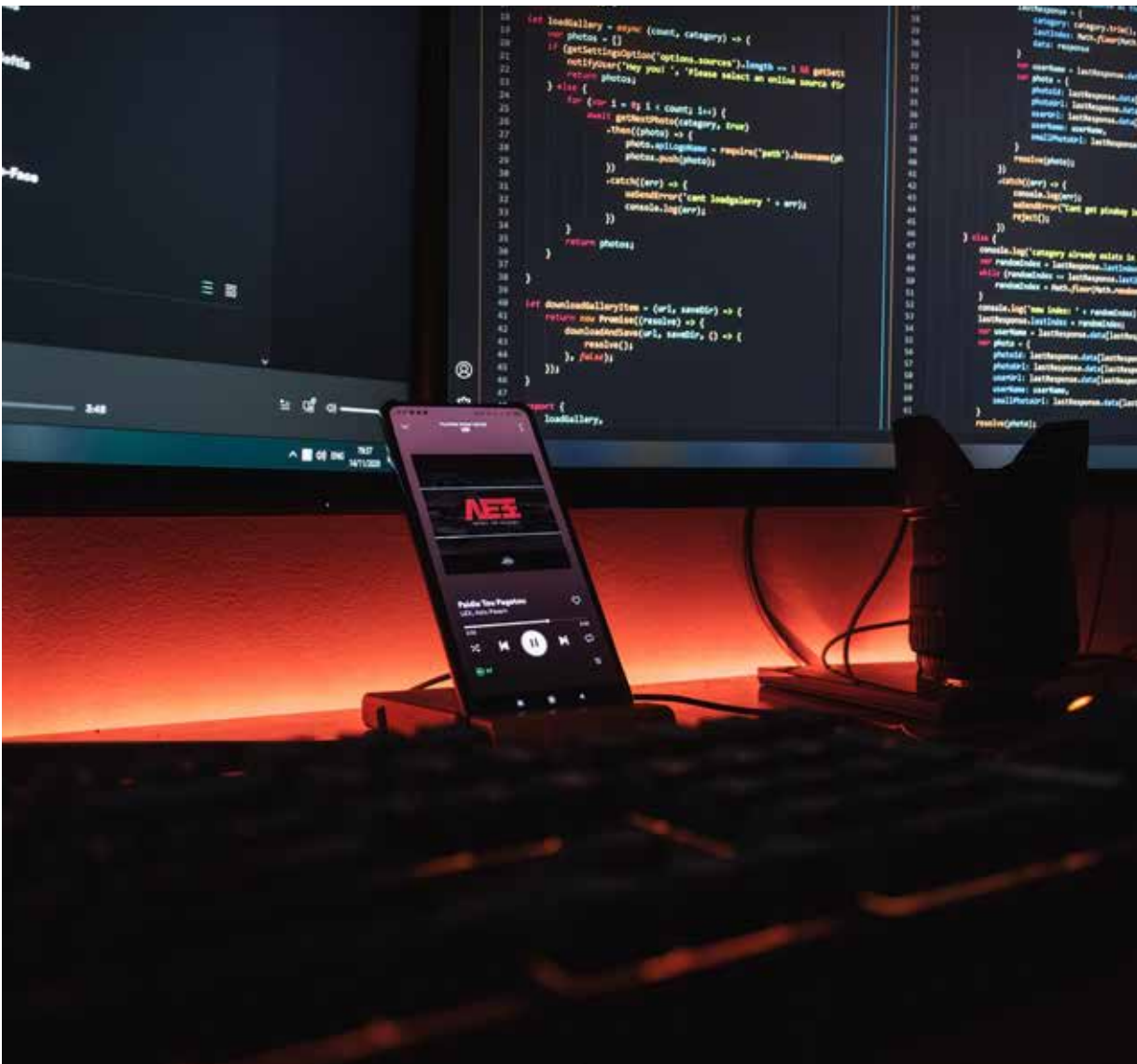
## Learning Management System

- Incorporation of course folder option for FMs and executives to manage/retrieve the data as per the requirements of NCEAC/PEC accreditation bodies.

- Modification of LMS by adding more features like Sharing of lectures in other sections taught by the same faculty in a semester, option of returning assignments and papers to students along with comments/file.
- Implementation of Announcement section for teacher to convey messages across the whole class at once.

### Office Automation System

- Implementation of OAS for NIMA (National Institute of Maritime Affairs) Islamabad & Karachi with customized workflow
- Implementation of user groups feature for letter and memo
- Implementation of folders for Archived Letters/Memos/Case Files
- Development of additional features like Advance Search, DFA Release feature for Case file/Letter/Memo, Marking Sent/Received letters/memos with multiple and multi-level comments



# IQBAL BLOCK

## Chapter 06

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## Faculty Development

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Wash your hands before leaving

Wash your hands before leaving





# IQBAL BLOCK

Wash the hands before leaving



# Faculty Development

Bahria University (BU) places strong emphasis on the development of its faculty. BU has established the directorate for training and development titled Leadership Development Center (LDC).

LDC comprises of two wings and one Program including Faculty Development Academy (FDA), Professional Development Center (PDC) and Student Grooming Program.

The Leadership Development Center has established Faculty Development Academy with the aim to provide training courses both soft and hard skills for faculty in areas such as proposal writing and submission, research activities, solicitation of research projects, innovative teaching methodologies, use of software etc. Further, opportunities are being created for the faculty of Bahria University in collaboration with the outside industry and HEC in areas like Best Teaching Practices, Micro Teaching, Heuristic Method of Teaching etc.

The mandate of Professional Development Center is to establish industry database for future cooperation on various projects, collate the faculty expert area database for enhancing and utilizing internal strengths, holding workshops, conducting short duration professional trainings and workshops and organizing short term certificate and diploma programs for market professionals. Leadership Development Center has also been entrusted with the responsibility of implementing Student Grooming Program at Campus level for all students with a special emphasis on Graduating Students. The Program is tailored to develop and hone employability and life skill in eight key areas.

BU is a growing institution and to keep up with the requirements of its expansion new faculty is being hired. To keep these newly inducted faculty members abreast with the latest innovations in teaching pedagogies and to acclimatize them with BU environment LDC regularly organizes Faculty Orientation and Training Program (FOTP).

The details of some of the Professional training and workshops conducted are as under:

## Training on Sustainable Development Goals (SDGs) by HRDN (Human Resource Development Network)

LDC has taken initiative to conduct training on Sustainable Development Goals (SDGs) by human resource development network and OXFAM. Mr. Sheran Khan Manager Communication HRDN Islamabad was the resource person.



## Workshop on Emotional Intelligence Training

Session was conducted for BU faculty on emotional intelligence. The purpose of this training was to create awareness among BU faculty which help them to strengthen team building and productivity. Senior Lecturer of CS department, Mr. Sabahaudin Waqar has conducted this training.





## Official Writing Training

Leadership Development Center has conducted a training for officers of Bahria university on 'Official Writing' on 2nd October 2020. Ms. Tooba Shakoor, trainer for verbal and non-verbal communication with 12 years of experience dispensed the training.



## Three-Day Residential Training On Anti-Sexual Harassment Laws

Three days residential Train the Trainers workshop on 'Anti-Sexual Harassment at Workplace' was organized by 'Mehergarh', the organization which worked closely with Alliance Against Sexual Harassment (AASHA) in getting the Anti Sexual Harassment Act 2010 passed from the Parliament. Members of anti-sexual committee (Dr. Muhammad Zafar, Ms. Malieka Farah Deeba, Mr. Nadeem), Director LDC (Khalid Mumtaz) and Manager LDC (Waiza Rehman) has attended three-day training at Mehergarh Training Center. Bahria University is very focused on anti-sexual harassment laws. This residential training was offered to a small group of most relevant Professionals. Sexual harassment is a sensitive and stigmatized issue, which is still somewhat tabooed in the Pakistani society. This training was helpful participants with conceptual clarity of the issue. It was interactive and participants were encouraged to actively participate by sharing personal experiences, commenting, asking questions and discussing the subject. 'Protection Against Harassment of Women at the Workplace Act 2010' was explained and how to effectively implement it. Implementing this law in letter and spirit and encouraging employees to speak out when harassed is what helps create more dignified and harassment free work environment, where everyone can exercise their right to earn with dignity.



## Memorandum of Understanding (MOU) with TABA Foundation

A Memorandum of Understanding (MoU) has been signed between the TABA Foundation and Leadership Development Center (LDC), Bahria University Islamabad on 27th January, 2021.

Bahria University and TABA Foundation purpose to plan, devise and execute various R&D interventions for the best interest of society, university faculty, students and for Pakistan.



### Training on Graphic Designing (Beginner to Advance)

Leadership Development Center has conducted training on “Graphic Designing” from 2-4 March 2021. Training was conducted by Ms. Anam Mumtaz. Purpose of training was to deliver knowledge about basic tools used for graphic designing, logo designing and poster designing.



### Training on 5G Network

5-day training on 5G Network for the officers PMB (Project Management Board) DEFCOMM (Defense Communication) was organized by Leadership Development Center. Dr. Saleem Aslam (Sr. Associate Professor) at EE department conducted this training held on 29 March – 02 April. Purpose of this training was to implement 5G in military to improve performance, faster data speeds and low latency communications.



### Concept Of Knowledge, Education And a Successful Teacher

Leadership Development Center has conducted one day training on concept of knowledge, education and a successful teacher at Bahria University Islamabad. Director CIS Dr. Habib Asim delivered lectures on different aspects to faculty and staff of Bahria university. Training was mainly focused on improving the teaching practices and gaining knowledge.



### Memorandum of Understanding (MOU) With FBR

A Memorandum of Understanding (MoU) has been signed between the Directorate General of Training and Research (Inland Revenue), Lahore (DGTR-IR) and Leadership Development Center (LDC), Bahria University Islamabad.

The MoU will allow both institutions to cooperate in areas of officers' professional development in Accounting Finance & Management, the existing Sectoral Expert Knowledge, the establishment of Research and Financial Data Centers, and the formulation of prudent case studies.

The MoU will be instrumental in the Federal Board of Revenue's (FBR) transformation into a research-oriented, data-backed, and efficient tax collection agency.



## Prime Minister Kamyab Jawan Program

Hunerman Pakistan Program, (HPP) is Prime Minister’s (PM) initiative to enhance the youth’s contribution in the economy. One of the components of HPP is Kamyab Jawan Program (KJP). National Vocational and Technical Training Commission (NAVTTTC) has been tasked to create academic partnerships with institutes, for low tech courses, and Higher Education Institutions (HEIs) for high tech courses.

Bahria university in collaboration with NAVTTTC has started the Kamyab Jawan Program. Bahria university is conducting four courses which includes cyber security, Machine Learning, Embedded system and Primavera.



## Workshop on “Self Development For University Teachers” at IBA Sukkur

IBA Sukkur organized 02 days’ workshop on “SELF DEVELOPMENT FOR UNIVERSITY TEACHERS” for university

## Teaching Theory and Practices

Seminar on “Teaching Theory and Practices” was held in Bahria university Islamabad to faculty by Mr. Tipu Ismail. This session gave faculty a chance to enhance their teaching practices. Speaker has clearly demonstrated the theories of teaching and qualities that a good teacher must have. Workplace communication was also major focus of session.



**HABIT 01** | Be Proactive

**HABIT 02** | Begin with the end in end mind

**HABIT 03** | Put first things first

**HABIT 04** | Think win-win

**HABIT 05** | Seek first to understand, then to be understood

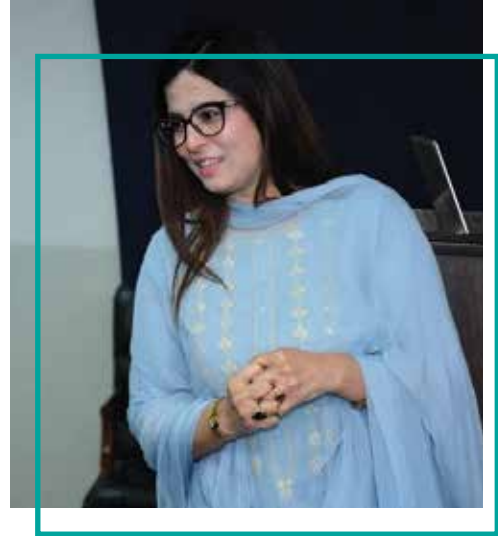
**HABIT 06** | Synergize

**HABIT 07** | Sharpen the Saw



## Confronting Harassment At Workplace

Leadership Development Center ran the series of sessions facilitated by Ms. Malieka Farah Deeba, member of anti-sexual harassment committee. Ms. Malieka Farah Deeba has delivered lecture to faculty on facing harassment at workplace. This session identifies behavior that constitutes harassment and provide practices by which they can confront harassment.



## Staff Training on “Fireman Course” at Federal Civil Defense Training School

The resolution No.471, unanimously passed by the senate of Pakistan, on Aug 17, 2020 moved by Senator Khushbakht Shujaat: “Recommending that arrangement made for First Aid and Civil Defense Training in the educational institutions under the administrative control of the Federal Government”.

Keeping in view above, Bahria University Karachi Campus with collaboration of Federal Civil Defense Training School took initiative and at initial 2 Staff persons attended and qualified “Fireman Course” in first batch from 19 October to 13 November 2020. Federal Civil Defense Training School will also provide to the rest of the staff training as per Resolution No. 471 in upcoming batches.



### Post Covid-Challenges & Opportunities for Startup Incubators in Pakistan

An online panel discussion was organized on “Post COVID-Challenges & Opportunities for Startup Incubators in Pakistan” on 7 Oct 2020. Mr. Kaleem Ullah- Manager, LUMS NIC, Ms. Anum Naseem- Program Manager, NSPIRE, Mr. Mehrul Hassan- Manager BUIC and Mr. Sufian Ahmad Bajar Manager BULC conducted the session.



### Mental Health for All

An online panel discussion was organized on “Mental Health for All” on 23 Oct 2020. Dr. Saima Dawood, Director Clinical Psychology PU, Dr. Urusa Fahim, Dean Social sciences, Kinnaird College and Prof. Dr. Uzma Ali Director ICP, University of Karachi were guest speakers. Objective was to spread awareness about the significance of mental health in general public.



### Why Marketing as a Career?

An online session on “Why Marketing as a Career?” was organized on 26 Oct 2020. Mr. Muhammad Jawad, Professional & Industrial Trainer was invited as a guest speaker. Objective of the session was to familiarize marketing students with the industry knowledge.



### CV Writing and Interview Skills

An online training session on “CV Writing and Interview Skills” was organized on 17 Dec 20. Trainer of the session was Ms. Sonia Jami, HR & OD professional. Objective of the session was to train the students for corporate skills such as CV writing and Interview skills.





## Faculty Orientation and Training Program Spring

LDC has conducted a 5-day faculty orientation and training program from 22 February – 26 February 2021 for newly inducted faculty at Islamabad, Karachi and Lahore campus. Number of sessions were conducted which will be helpful in faculty development. University policies, Teaching Methodologies and outcome-based learning were main topics the covered in sessions.



## Teaching at Higher Education institutes

Director Leadership Development Center, Khalid Mumtaz delivered lecture on Training at Higher Education Institutes. Training session was helpful for the teachers to learn and create new teaching strategies and encourage learning and encourage learning which will create the interest of their students in the classrooms.





# Chapter 07

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## Access







## 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.

### Office of Student Affairs

- Scholarships
- Student Support Services
- Community Support Program
- Placement
- Alumni Affairs

### 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 FY 2020-21, an amount of Rs. 199 Million has been disbursed among eligible and deserving students under Scholarship head. Sources of these scholarship include BU'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

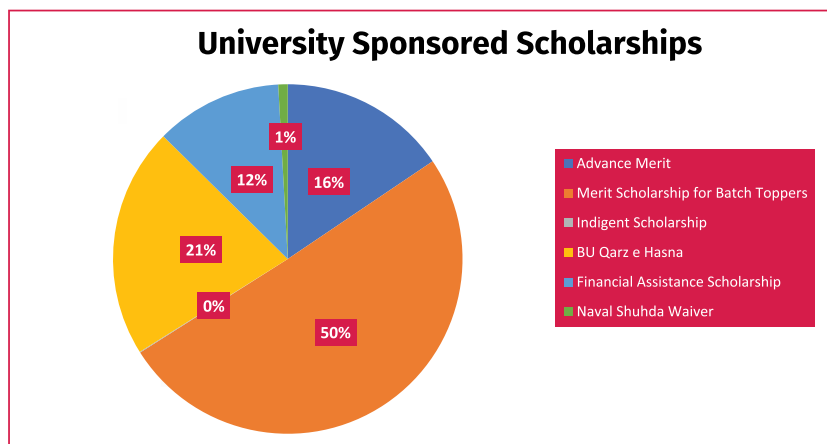
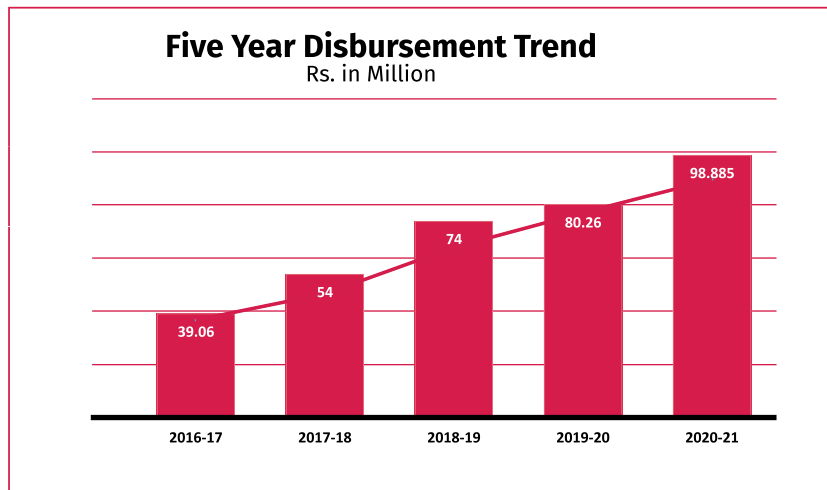
Scholarships allow worthy students to follow their dreams which in turn positively affects their performances. A great many internal and external scholarships i.e. Merit Scholarships, HEC need-based scholarships, HEC Ehsaas Undergraduate Scholarships are offered here at Bahria



University. Thus, allowing students more time and energy to focus on their studies. A total of 3548 scholarships, inclusive of internal and external, have been awarded to the students. The grand total of amount disbursed among students is Rs. 199 million. Bahria University gives students an incentive to perform well academically and work consistently towards completing their degree within the required course of time.

S. No	Scholarship Program	No of Scholarships	Amount in Million (Rs)
1	Advance Merit Scholarship	593	15.385
2	Merit Scholarship	1450	49.889
3	Indigent Scholarship	3	0.072
4	BU Qarz e Hasna	551	21.07
5	Financial Assistance Scholarship	361	11.608
6	Naval Shuhda Waiver	2	0.861
<b>Grand Total</b>		<b>2,960</b>	<b>98.885</b>

### Expenditure on Scholarships from University Resources

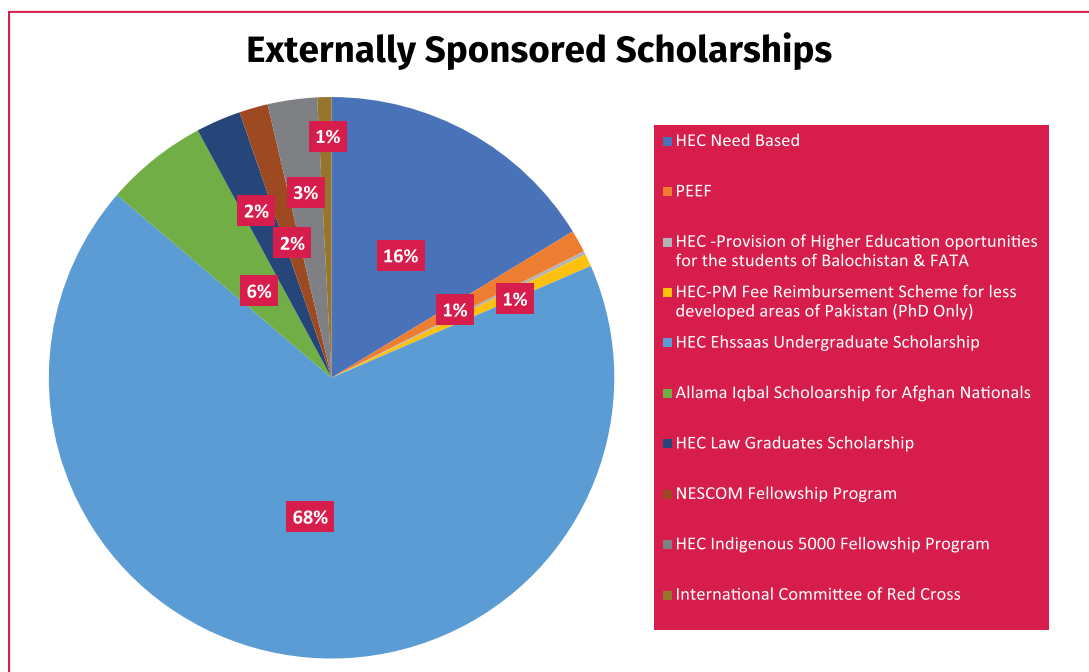


### Externally Sponsored Scholarships

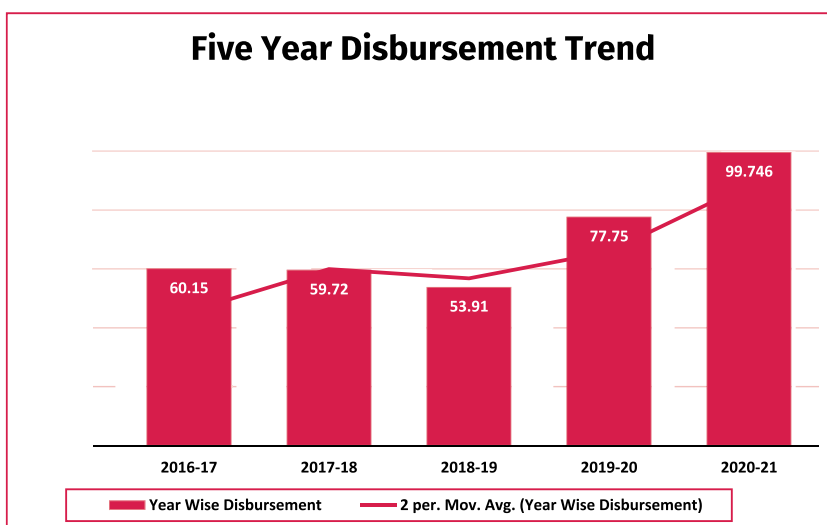
S. No	Scholarship Program	No of Scholarships	Amount in Million (Rs)
1	HEC Need Based	149	16.23
2	Punjab Education Endowment Fund (PEEF)	22	1.289
3	HEC-Provision of Higher Education opportunities for the students of Baluchistan & FATA	5	0.195
4	HEC-Prime Minister Fee Reimbursement Scheme for less developed areas of Pakistan (selected regions) PhD Only	12	0.719
5	HEC Ehsaas Undergraduate Scholarship	354	67.632
6	Allama Iqbal Scholarship for Afghan Nationals	19	5.85
7	HEC Law Graduates Scholarship	8	2.564
8	NESCOM Fellowship Program	8	1.64
9	HEC Indigenous 5000 Fellowship Program	7	2.813
10	International Committee of Red Cross	4	0.809
<b>Grand Total</b>		<b>588</b>	<b>99.746</b>

### BU Interest Free Loans

To increase equitable access to further education and to support underprivileged students, Bahria University has made its loan scheme available to brilliant but needy students. It mainly



### Five Year Disbursement Trend



comprises of 2 types of scholarships i.e. Student Study Loan and Laptop Loan Scheme. During the financial year 2020-21, a total of 71 scholarships for Student Study Loan with Rs. 4.77 million have been disbursed already. Subsequently, a total of 82 scholarships for Laptop Loan Scheme with Rs. 6.56 million have been given to students this year. This ensures that meritorious students can pursue scientific, technological and professional education.

BU Interest Free Loans		
Types of Scholarships	2020-21	
	No. of Scholarships	Amount Awarded (Millions)
Student Study Loan	71	4.77
Laptop Loan Scheme	82	6.56

### BU Sponsor A Student Scheme

Every year Bahria University's Directorate of Student Affairs', facilitates students who face financial instability. For this year 2021, Bahria University has sponsored 15 students by granting these scholarships and an amount of Rs. 1.9 million has been awarded to them. These scholarships are funded by 8-10 donors who are affiliated with Bahria University such as Alysa Baig scholarship, Late Mrs. Ghazala Shahid scholarship, Mr. Khawaja Sadiq Naveed Danial and a few more. This, in turn encourages and supports students to undertake an honors year or a specific research.

BU Sponsor A Student Scheme		
Types of Scholarships	2020-21	
	No. of Scholarships	Amount Awarded (Millions)
BU Sponsor A Student	15	1.891

## Merit Scholarship for BUMDC (Karachi)

Campus	MBBS		BDS	
	Number	Amount (Million)	Number	Amount (Million)
<b>BUMDC Karachi</b>	13	0.95	06	0.53

## 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 this regard, Student Affairs Directorate has established a strong alumni network to foster the mission and purpose of the University and to promote communication among alumni and students achieving their professional goals. This Office maintains an up-to-date Alumni Record. Different discounts are offered to alumni on BU Alumni card. Bahria University Alumni Network provides services and benefits to not only the Bahria University graduates, but also to current degree seeking students. Alumni working at top notch organizations at higher positions are also invited in university for guest lectures.

Bahria University Alumni Association (BUAA) was registered as an NGO on June 4, 2008 under the Societies Registration Act XXI of 1860. BUAA is a non-profit and non-political organization, set up for the benefit and welfare of the Bahria University alumni, employees and ex-employees in particular and Pakistanis at large. Bahria University Alumni Association Executive body is also member of Corporate Advisory Body. They help us in improving the curriculum of the university as per industry requirements

### Selection of Bahria University Alumni Association's 4<sup>th</sup> President

Bahria University Management has selected 4th President for Alumni Association BUAA Islamabad Campus. Mr. Hassan Daud Butt (Head of KPK Board of Investment, CPEC Islamabad) Batch of MS Project Management 2014.

Introductory meeting of newly appointed President Bahria University Alumni Association Mr. Hassan Daud with Higher Management of Bahria University Islamabad.



## Proud Bahrians

### Khizar Hayat Khan Swati

BBA-IT 1999, MBA Finance 2003

**Vice President Askari Bank Islamabad**



An alumnae of Bahria University, Khizar Hayat has had a banking career that stretches over a period of almost 17 years. Commencing his career as an Operations Officer in 2003, Khizar worked hard to prove his ability and competence and soon got promoted to Foreign Trade Manager only in 3 months after which he got to the level of Relationship Manager. Khizar demonstrated strong communication and coordination skills to facilitate better relationships with clients and partners and worked to better understand client's needs to provide the highest service standards. Soon after he was promoted to the position of Vice President and has been successfully running the show for the last 9 years. Khizar graduated with a CGPA of 3.50. He also completed his BBA in IT in 2002 being one of the first few batches to graduate at Bahria University Islamabad Campus.

### Aniqa Khalid

MBA 1999-2001

**Vice President HR Business Partnership  
Jazz (Mobilink), Islamabad**



Aniqa Khalid, currently working as the Vice President HR Business Partnership at Jazz (Mobilink) Pakistan. She is a gold medalist for both the BBA and MBA degree programs at BU. She started her career at Jazz (Mobilink) with a beginner HR role and gained expertise in all HR streams enabling her to swiftly climb the career ladder to reach where she is today. Her inspirational academic and professional journey allowed her to make her mark at every step of her career. She has been heading different streams within HR including learning & development, recruitment, compensation, before she was recently assigned the challenge to lead the HR transformation initiatives in the company.



## Muhammad Hashim Mughal

MBA Finance 2005

**Corporate and Legal Consultant**  
**JB Chambers, Islamabad**



15 years' experience in Corporate, law & Transaction Banking in a leading Corporate and Leading Consultant firm – Hashim Mughal is a graduate of Bahria University. He has been involved in major financing and trade related transactions in power, oil & gas, defense and Microfinance sectors. He is currently employed as Legal Consultant at JB Chambers. The challenges have been enormous but enriching and the learning curve continues to rise. The way forward seems equally daunting but he feels that the skill set required to meet the future challenges have been acquired. He continues to focus on his work with the same zeal and enthusiasm and hopes to see a progressive and enlightened Pakistan.



## Dr. Abid Ali

MSCS 2003

**Portfolio Manager Insights and Data consultant**  
**Capgemini, USA**

Portfolio Manager Insights and Data consultant at Capgemini, USA, Abid Ali is a graduate of Bahria University, who has Fifteen years of international consulting experience in data warehousing and business intelligence using various technologies. He has delivered many large-scale enterprise-wide technology solutions in the Middle East, Asia, Europe, Asia Pacific, Great Britain, and USA. He worked in various industries such as Telecom, Retail, Travel (airline), Finance, Investment banking, Retail banking, Capital Markets, and Insurance. He specializes in Technology Strategy and Consulting, Data warehousing, Business Intelligence, Data architecture, Logical and Physical data modeling, ETL design and architecture. Abid did his Master of Computer Science from Bahria University. He has completed another master's in Information and Knowledge Strategy from Columbia University, NYC, USA and he Successfully completed his PhD in Organizational Leadership in Chicago, USA.

## Miss. Alishpa Asif

Class of BBA 2010-2014

**44th Common Assistant Commissioner Federal Board of Revenue (RTO) Nabha road, Old Anarkali Lahore**



They say Allah is the best of planners. I completely agree with this notion as I have personally experienced it. During my earlier education period I was never a serious or devoted student, mostly because I was studying subjects that I had no interest in. But when I joined Bahria University Islamabad for BBA, I started performing well as I developed interest in the courses offered. Being more conscious about my career, after graduating in 2014 with Cum Laude, I started working in a bank and simultaneously joined an academy for CSS prep. When I joined the academy, I had no prior knowledge about the CSS exam. I had only heard from my friends and family that it is perhaps the most prestigious job to do in Pakistan. My father had motivated me to give it a try and I thought why not. But while I was preparing, for CSS prep, I stuck to some basic tips that really helped me. I used the Internet for most of my knowledge source. I would read editorials every single day because that is how you are able to form an opinion and answer questions in almost every subject.

In April 2016, when I was least expecting it, I got to know that I had passed my exam and got allocated in Inland Revenue Service as Assistant Commissioner. It was truly the happiest day of my life. That day I understood that having faith in yourself is so important. CSS was just a try and I never believed I could do it, but I cleared it in the first attempt, and I am forever grateful to ALLAH. My advice is to always plan well, set goals, be consistent and always dream big and have faith in yourself. This will lead you to success.



## Mr. Muhammad Hissan Gul

Batch of BSS (2008)

**Co-founder and CEO of Sanctum Sanctorum Solutions Pvt. Ltd Islamabad.**

Hissan is the alumni of Bahria University, Islamabad from the pioneer batch (spring 2008) of Humanities and Social Sciences. He graduated in Fall 2011 with majors in International Relations and minor in Media Studies. Apart from his degree program he was lucky enough to take advanced research, marketing, supply chain management and law courses as non-credits which later helped build his professional career. Right after graduation (2011), in day time he joined an INGO Human Appeal in the capacity of Communication Officer and at night he was a part of Pakistan's first web television Saach.TV. He learnt the techniques of Communication for Development (C4D) and Data Analysis from industry's best. Right from the beginning of his career he started developing customized information gathering and processing tools.

## Alumni Achievements



### Mr. Muhammad Usman Khan

BBA 2006-2010

MBA 2011-2012

**Chairman 5G Group of Companies Islamabad.**



This story begins with a little trivial setup “5G properties” with limited resources but a vision sky high. We are a team of 100+ direct employees, 1000+ indirect employees, expanded in Lahore and Peshawar after Islamabad. In 2019, we became Platinum partners and won 2nd position. In 2020, we competed with more than 300 sales partners, out of which we secured the 1st position with a huge sales lead further. Supporting the vision of Prime Minister Imran Khan of promoting Tourism and Construction industry, we launched these two pioneer projects, 5G Emporium in TOPCITY -1 worth Rs. 2 billion, and Lakeway cottages worth Rs. 1 billion in Naran.



### Mr. Muhammad Shiraz Manzoor

BBA 2008-2012

MBA 2013-2014

**Managing Director Pak Associates Islamabad**

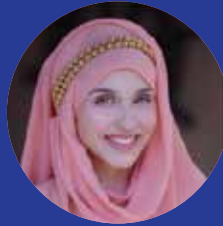
**Vice President Bahria University Alumni Association**



That’s where the success story begins, he and Pak Associates booked projects like Commoners Town (Now DHA5), Shalimar Town and Commoners Sky Garden (A project of FGEHF) successfully in 2013-2015. Infact won the best performance award for Commoners Sky Garden (a project under FGEHF) in 2014 from CEO Mr. Ch Ismail just after 2 years of working. Then in 2017 he received the Best Performance Award from GM MPCHS Mr. Ch Majeed for Good work at an expo held in E11. Furthermore in 2017 he received “Best Performance Award” and in 2018 & 2019 received 1st Position (Top Seller Award) from Topcity-1 management. Again in 2020 received the Top seller award in dealer & builders convention held at Top City site in august 2020. In 2020, he competed with more than 300 sales partners, out of which he (Team Pak Associates) secured the Best seller award at a dealer Convention Capital Smart City Site. Now Pak Associates in 2020 has expanded operations in Lahore and Karachi after Islamabad. Pak Associates is registered with ETO and contributes taxes to FBR. They are now starting Commercial projects in Top city, Mumtaz city and Bahria Town in 2021, Inshallah.

Although he was promoted to Managing Director in 2015, he believes no one can do this alone; it’s the team work that made it possible and these small milestones are just the beginning leading them towards future achievements. Shiraz owes and dedicates his achievement to his father, Mian Manzoor Hussain. Who on every step led him towards success, then his alma mater, Bahria University for being his mentor and guide throughout his academic journey.

## Alumni Success Story



### Hunaina Rasool

Student of BBA - BU Karachi Campus

Beauty blogging is very trendy nowadays and everyone you see around yourself is trying to become a beauty blogger, but only a handful of those actually succeed and make their name in the industry.

One such name is Hunaina Rasool. She has not only engaged her audience from her unique and entertaining content but has also been recognized by many known brands for their endorsement and content creation. She is a blogger, a vlogger, an entrepreneur, a self-taught makeup artist, a YouTuber, a national level Volley ballplayer, a student, and also a humble and kind human being.

Hunaina is currently a student in the Management Sciences Department at Bahria University Karachi Campus. At a very young age, she became independent and started her career as a blogger with the thought of promoting modest fashion in Pakistan for the first time. After teaching different hijab styles, she started with teaching different makeup looks and modest fashion techniques. She has recreated different celebrity's makeup looks including Iqra Aziz, Naimal Kawarau Khan, etc. Her looks became so popular with the masses that she conducted various makeup workshops as well. Until now, she has conducted 6-7 workshops teaching various students.

Being an entrepreneur she has launched her own brand of hair extensions, acrylic nails, and mink lashes, and recently she also launched her 24k gold serum named 'Sonrie Hunaina'. She also used her popularity to educate and bring awareness to the audience by posting content regarding various issues including women empowerment, positivity, mental health, motivation, etc.

She has become one of the famous bloggers, influencers, digital content creators and has been called up by many brands including Food panda, Nestle, J., Bisconni, Hemani, Habitt, MAK Alkaram, Sapphire Pakistan, and other 100 + brands for their marketing coverage over social mediums. Hunaina was also called as a guest motivational speaker to various universities including NED and IBA. She has also been called up for an interview by PTV and Gtv news. She was also sponsored by travel agencies for Dubai and Thailand until now.

She is among the most followed and inspirational accounts in Pakistan and has been included in the Top 10 Pakistani female bloggers by Runway Pakistan. She has been receiving many giveaways and PR packs for their live shoutouts including Unilever, Tapal, Shangrila Pakistan, Foodpanda Pakistan, World of Bagallery, Khaadi beauty products, Bukhari accessories, etc. She's associated with charities too.



## Aziza Faryal Naseem

Batch of MBA 2009 - Karachi Campus

Founding Principal Pamir Private School Sharjah

I had completed my MBA in marketing from Bahria University Karachi Campus and then moved immediately to Dubai. I got my first job as a Marketing executive in an Audit firm and soon I was promoted as Marketing Manager. During the first three years in the UAE market, I worked with big companies and brands advising them on finance and related consultation as well. Later I was entrusted by my company to work in the education sector for Pakistanis and do the research to explore areas for education investment. By the grace of Allah the school was highly appreciated by Sharjah Private Education Authority. We worked on the proposal with MOE to decide the location and emirates to open the new school. We took a big step, and I was nominated as the consultant, project manager for this school. Alhamdulillah, I opened the school in Feb 2019. Soon after opening, I was appointed as the founding principal of Pamir Private School. We faced the challenge in the form of COVID -19 and faced the challenge of transitioning the whole in school learning to e-learning. It was a big achievement as none of the Pakistani schools including competitors offering the British curriculum did not get this rating. I suggest all my Bahrians to never lose trust and always believe in yourself! Everyone can achieve their goals when their time will come.





## Syed Hassan Ashraf

BSCS Batch 2015

**Bahria University- Karachi Campus**

Syed Hassan Ashraf is a strong believer in utilizing technological advancements to promote and actively participate in environmental, social, and human well-being. Hassan has been serving the corporate industry for the last 05 years right after graduating from Bahria University – Karachi in the year 2015.

While working at Dawlance Group of Companies (Arçelik A.Ş.), he acted as the data subject expert for the applications (SAP and Non-SAP Applications). Working on multiple projects simultaneously and evaluating business processes, anticipating requirements, uncovering areas for improvement, and developing and implementing solutions, ensuring the adequacy of sales and after-sales related systems (Both ERP and Customized Applications), providing support to 1500+ users, and being a part of Project Management team for SAP implementation at Dawlance; assisting in different aspects of the project life cycle and with combined Team efforts successful implementation of SAP. Currently, he is an Analyst at Engro Corporation for Business Applications and Digital Transformation, supporting ICT management through the program/product life-cycle that includes planning, documentation and implementation, stakeholder coordination, and communication with program steering, senior management, and customers.

Hassan loves to interact with people from varied backgrounds. He also likes to read books and magazines. He has also developed a keen interest in social work supporting various noble causes. In a talk on “Role of IT in a modern business” Bahria University Karachi Campus, he advised students, “We are living in a wondrous world where truth is stranger than the fiction. The fictions which we listened to in our childhood stories or watched in cartoons have now become reality. Imagination embraces the entire world, stimulating progress, giving birth to evolution and it is no accident that businesses that failed to innovate ultimately ceased to exist. Change is a good thing, be the change. Accept it and embrace it”.

## Bahria University program for Alumni “Back to Bahria”



Mr. Sarmad Nawaz, Senior Lead Quality Engineering at S&P Global , Batch of BSE 2001.



Mr. Taimoor Naveed Khan - DJ TT , Cluster Manager QA North Faysal Bank Limited & #RJ FM91 Pakistan Batch of BCE 2007 and MBA-Finance 2009



Mr. Mudassir Rafiq, Vice President- Corporate Banking Group Faysal Bank Limited Batch of MBA-Finance 2007 and Mr. Khurrum Nadeem ,Senior Manager-Investment Banking Bank Alfalah Batch of BBA -Finance 2006 & MBA-Finance 2007



Miss. Madiha Khan, Chief Marketing Officer & Director at MarCom PVT LTD , Batch of BBA Marketing ( 2004-2008) & MBA Marketing (2008-2009).



Mr . Raheem Nasar , Assistant Director HR at NUST University , Batch of MBA-HR (Silver Medalist) 2007



Mr. Uzair Naveed Rabbani, Corporate Head-North at HBL , Batch of (LLB 2018-2020). And Advisory member of 5th Bahria University Alumni Association





President Bahria University Alumni Association Hassan Daud, had Meeting with Chinese Ambassador to Pakistan.



Mr. Hassan Daud, CEO of Khyber Pakhtunkhwa Board of Investment & Trade , Former Director at China Pakistan Economic Corridor - CPEC and President of Bahria University Alumni Association. Batch of (MS Project Management 2013).



Dr. Atif Bilal, Assistant Professor at SZABIST University Islamabad, Batch of MBA - Finance (2007-2009) and PHD FINANCE (2011-2017)



BU's First PHD Grad. Dr. Ayub Siddiqui (Professor at FAST National University Islamabad) Batch of (PHD-Finance, 2010-2013)



Mr. Usman Mahboor, Director HR at MTBC Pakistan, Batch of MBA - Finance (2004)



Mr. Majid Aziz (Founder - Zapbuddy Social Media App), Batch of MBA Finance 2006



Mr. Salaar Janjua (Manager HR at Premier Group of Companies) Batch of (BBA-Finance, 2000-2003) & (MBA-HR, 2003-2004)



Mr. Shehryar Aman (General Manager Human Resources at Al Hayyat Group Of Companies), Batch of MBA-HR 2006



Dr Muhammad Awais Mehmood (Director International Office at Bahria University), Batch of BSE 2001 and Mr. Hafiz Usman Rana (Program Director Finance & Lecturer at Birmingham City University) Batch of MS Finance 2012



Mr. Syed Muhammad Billal Kazmi, Senior HR Manager at ibex. Connect, Batch of MBA -HRM (2010)



Introductory meeting of newly appointed President BU Alumni Association Mr. Hassan Daud with Higher Management of Bahria University Islamabad



We are proud to announce that Bahria University Management has Selected 4th President for Alumni Association BUAA Islamabad Campus. Mr. Hassan Daud Butt (Head of KPK Board of Investment, CPEC Islamabad) Batch of MS Project Management 2014.





Mr. Muhammad Imran, Senior Project Manager IT at Fauji Foundation, Batch of MCS (2003-2005)



Mr. Muhammad Irfan Maken, Secretary General at Pakistan Poultry Association, Batch of MBA- HR (2005-2006)



Mr. Nasir Mahmood Malik, Deputy Chief, Information & Communication Technology, Ministry of Planning Development & Special Initiatives, Batch of MS Software Engineering (2006-2008)



Mr. Asad Malik (Business Development Manager at ACCA), Batch of BBA 2006



Mr. Kamran Moeen, GM Segment at Ufone Batch of BBA 1999.



BU Pioneer Batch Miss Ambreen Bilal (Associate Director Operations at S&P Global) Batch of (BBA-Finance 2001-2004) & (MBA- Finance 2004-2005). With special host Miss Maheen Mumtaz (AM Community Services at NUST) Batch of (BBA- Business 2006-2010) & (MBA- Marketing 2010-2012)



## Chapter 08

# University Building Economies







# 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

The Internships & Placement Office remains devoted in maintaining a corporate relationship with potential employers in connection with internship and placement opportunities for not only the currently enrolled students but also for the graduates. The internship opportunities are also arranged by the HOD, Faculty members, department Internship Coordinator or the students themselves using their own sources keeping Placement Office in loop. The internships & Placement Office strongly believes in building strong and long lasting academia-industry relationship in order to provide maximum exposure and employment opportunities to students and graduates. Above 200 organizations of various categories are registered with placement Office. The HRM personnel coordinates with the focal persons in connection with finding resources for their organizations through different means such as online or direct applications or on-campus walk-in interviews and through the general hiring process.

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

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

The internships & Placement Office also maintains close relationship with the Alumni of Bahria University and keeps on strengthening the network. It keeps a track and maintains connections with alumni by involving them in university affairs (Academic Advisory, Guest Speaker Sessions, Personal and Professional Development, Infrastructure improvement, Policy Making, Sponsorships and Endowments) as per their experience and expertise.



The successful journey of Internships & Placement Office is upgraded and approved by competent authority through career manual to further enhance the working of internships & placement office. A dedicated Office has been established in all campuses in order to further strengthen and to provide more facilitation to our students and graduates. This facilitation has been further extended to 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.

Placement office bridges the gap between academia and industry by bringing employers and students 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 have 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 professional settings.

### Success is both Earned & Learned

BUIC Placement Office arranged first Webinar for BU students. The host for Webinar was Miss Zahra Sami. She is a Program Manager Academics. The topic for Webinar was “Success is both Earned & Learned”. By her own life struggling story, she taught students how to tackle with difficulties of life and become successful human.

Miss Zahra Sami was born with limbs deformity in Lahore. It was quite difficult for her as well as her family to cope up with the troubles that followed her disability. She was not allowed to study in a normal school even though her IQ was completely intact. However, she did not allow her disability to stop her from moving forward and took it as a challenge. She learned to use her elbows to write, type and play. She pursued her higher education from Kinnaird Women College. Then went to IBA and got her master’s degree in Marketing.

Miss Zahra Sami is a name of success, happiness, and contentment. Rowing through ups and downs but still resigning from her comfort zone and shared the secret of her success for the entire humanity.

### Abu-dawood Virtual Recruitment Drive

Abu-dawood Pakistan is a leading sales management solutions provider including warehousing, logistics, branding and retail marketing. Their current brand partners include, Procter & Gamble, Ferrero and Rupali. They were currently looking to hire fresh graduates under the ADP E.D.G.E Trainee Program for the year 2021. BUIC Placement Office conducted Virtual Recruitment Drive for Management Trainee Program (Masters’ Graduates), Associate Trainee Program (Bachelors’ Graduates) of Abu-dawood.

### Off-Campus Recruitment Drive of Mudzi's Coffees Inc

Mudzi's Coffees Inc. is a USA Based Firm that was established over 8 years ago. It deals with the operations and Marketing of Gloria Jean's Coffees located in the USA & some parts of Europe. The corporate Office of Mudzi's Coffees has recently been shifted to Islamabad and is actively recruiting people. Team Mudzi's Coffees Inc have hired BUIC Alumni Mr. Ali Javid Khan.

### PTCL Experia Program

PTCL Group [PTCL & Ufone] is proud to announce the Experia – Summer Internship Program. Experia – Summer Internship Program is PTCL Group's Flagship Paid Program & selected through Online Assessment. Experia is a project based internship program in which Experians will work on real-time business problems and provide creative solutions and out of the box ideas for both companies. Along with their projects, students will be given opportunity to work and collaborate with different cross functional teams which will increase their corporate exposure and help them to know more about the organization. PTCL has selected 5 students of BUIC for Experia programme. Abaad Ullah, Saad Bin Saeed, Mahnoor Jamil, Muhammad Hamza Iqbal Khan and Asad Ali

### MOU between Bahria University & Velosi.

Internships & Placement Office BUIC signed MoU with Velosi Integrity & Safety Pakistan (PVT.) in collaboration with Office of Student Affairs. From Bahria University Pro-Rector Academics R/ Admiral Habib ur Rehman Qureshi and from Velosi Muhammad Kamran Ibrahim (Operations Manager – North Region Pakistan) signed the MoU. Velosi is a leading Asset Integrity, HSE and Engineering Services provider to leading oil and gas companies worldwide with 39+ years of experience in oil and gas industry. The purpose of this MoU was to encourage cooperation between both parties to support students & graduates of Engineering Departments by providing an internship/placement opportunities and also free of cost trainings.





## Internships & Placement Office BUIC Activities

### Ufone Online Master Classes



Ufone HR Team has conducted online U Master Class session during Covid, which was the alternate of Summer Internships. Internship & Placement office of Bahria University coordinated with Ufone team and engaged students during pandemic to avail this wonderful opportunity. Ufone have conducted 12 sessions for students in which professional team gave trainings to students on different market driven topics and groomed them according to market demand. Students were provided with certificates.



### PTCL Experia Programme

PTCL Pakistan has conducted Off Campus Recruitment Drive for Graduate Trainee Experia Programme in Summers 2020. Placement & Internship office coordinate with PTCL HR Team and grab opportunity for Bahria University students. It was first time PTCL has given chance to Bahria University students. They have selected six candidates from Bahria University Islamabad campus after rigorous test and interview.

### Internship Opportunity at State Bank of Pakistan



State Bank of Pakistan (SBP) holds Summer Internship Program (SIP) every year to provide learning opportunities to young and talented students of the country. In this pandemic State Bank of Pakistan has announced first time online Summer internship. This was paid internship opportunity and selected two students of Bahria University.



### Internship Opportunity at NIE

National Institute of Electronics (NIE) an autonomous organization under the Administrative control of Ministry of Science & Technology has highly trained/ experienced pool of engineers, scientists and technicians, qualified from the leading universities of the world. NIE has provided internship opportunity to Bahria University Electrical Engineers and selected 20 students in COVID time period.

### Internship Opportunity at PCRET



Pakistan Council of Renew Energy Technologies was established by merging the National Institute of Silicon Technology and the Pakistan Council for Appropriate Technologies. It is the prime institution in the country for coordinating Research and development and promotional activities in different renewable energy technologies. PCRET has selected 5 students from Bahria University Electrical Engineering programme.



### Internship Opportunity at Telenor

Telenor Pakistan is the largest cellular company of Pakistan. They have offered Online internship opportunities to students during Covid. They have selected 2 candidates from Bahria University Islamabad Campus.



### Internship Opportunity at IESCO

IESCO has offered Internship opportunity to Electrical Engineers in Summer 2020. IESCO provide opportunity to BEE students to work and enhance their skills.



### Internship Opportunity at Meeting Matters

Meeting Matters is clinic for psychological services looking after issues ranging from common everyday adjustment problems to other psychological issues such as anxiety, post-traumatic stress disorder, depression and eating disorders. They have provided internship to Bahria University Professional Psychology students .



### Internship Opportunity at IRADA

IRADA Clinic is the best for addiction and Psychological treatment IRADA Clinic provides the state of art environment and treatment plan which help in the rehabilitation and treatment with affordable services. They have offered internship to BUIC Professional Psychology students. Students have given opportunity to deal with live cases.



### Off - Campus Recruitment Drive of Ascendants

Ascendants is an IT based organization. They have conducted Off- Campus Recruitment Drive of Bahria University graduates and they have selected Bahria University Islamabad campus business graduate on job placement.



### Off - Campus Recruitment Drive of Target Technologies

Target Technologies has conducted Off Campus Recruitment Drive for management trainee Programme. They have selected two graduates from Bahria University Islamabad Campus.



### Off - Campus Recruitment Drive of H&H Consulting

H&H Consulting conducted Off Campus Recruitment Drive. Training, Research and Program Management are the core competencies of H&H Consulting which cross-cut different sectors and disciplines. They selected Bahria University graduate for internship leading to permanent position in operation team.



### Off - Campus Recruitment Drive of Teach for Pakistan

Teach for Pakistan recruits motivated and talented individuals to teach in under-resourced schools, transforming student outcomes and gaining critical skills and knowledge about the education system. Bahria University graduates participated in fellowship programme and vigorous selection is under process.



### Off - Campus Recruitment Drive of Times Consultant

TIMES Consultant is a vibrant overseas education & immigration consultancy company. The business philosophy in education sector is to serve as a bridge between students and universities so as to help students select the best foreign institutes according to their academic requirements. They have shortlisted Bahria university graduates for job placements in their student counselling and HR division.



### Off - Campus Recruitment Drive of Haidri Beverages

Haidri Beverages is one of the largest PepsiCo bottlers in Asia Pacific and serve as exclusive bottlers for all of KPK, Northern Punjab, AJK, Gilgit Baltistan and Federal Area, Islamabad. Their plants have state of the art machinery. Some of the world renowned brands produced in house include: Pepsi, Mountain Dew, 7UP, Mirinda, Sting, Aquafina and Slice. They had announced their HR MTO programme 2020. Internships & Placement office has facilitated them by providing excellent resumes. Selection process is in progress.



### On Campus Al Baraka Bank Recruitment Drive'20 for BSO Batch

Al Baraka Bank conducted a BSO Batch Trainee Programme Recruitment Drive'20 on 05th Oct 2020 at Bahria University Islamabad Campus. The session started with a brief orientation of the bank. Later HR Manager of bank along with his team conducted written test of graduates. Business Studies and Management Sciences graduates participated in Recruitment Drive. Al Baraka have selected Muhammad (BUIC, BBS).

### Off - Campus Recruitment Drive of Sunbeams School System

Sunbeams School System is a professionally managed, non-profit organization. Envisioned to bring about social change through education, it provides quality education to underprivileged children at the lowest possible cost in remote rural and peri-urban areas of Pakistan. They have selected 15 BU students for their internship programme.

### Off - Campus Recruitment Drive of Nescom

NESCOM has conducted written test for job opportunity for Machine learning position. They have required MS students/graduates who have experienced and skills in machine learning. They were provided with list of 11 candidates. They shortlisted 5 candidates for further assessment process.

### Off - Campus Recruitment Drive of LMKR

LMKR is a petroleum technology company with an extensive solutions portfolio that includes reservoir-centric interpretation, modeling and analytics software, mobile technology solutions, E&P data services as well as geoscience and information management consulting solutions - all focused towards lowering the risk associated with exploration and production of conventional and unconventional resource plays. They have selected Mahnoor Shafique and Tassarar Hayat BS Geology graduates as Trainee Engineers.

### Off - Campus Recruitment Drive of Mudzi's Coffee

USA based firm established for over 8 years, named as Mudzi's Coffee Inc - which deals with Operations and Marketing of Gloria Jean's Coffees (USA & parts of Europe) and has established its operations in Islamabad. They have selected Hussnain Abbas (BBA) in HR department.

### Off - Campus Recruitment Drive of Pacsquare Technologies

Pac Square Technologies works with leading organizations globally to deliver technological solutions that result in significantly improved business outcomes. They excel at providing technology-enabled answers to the most challenging and complex problems. From risk mitigation to financial transformation, product origination, organizational excellence and more, they deliver high-impact systems that result in tangible value for a company. Their HR Manager selected Fatima Mahboob student of BBA as Trainee Content Writer.

### Online Interactive Broadcast Session with ICI Pakistan

Student Support Center Bahria University, Karachi Campus collaborated with ICI Pakistan and organized an online interactive broadcast session to announce their MTO Program. During the session, Ms. Ayesha Arshad and Ms. Hira Mullick briefed the students regarding company background, their employees' related policies, and the procedure to follow for applying to the MTO program. During the session, the speaker also addressed educating the students about how to groom them and enhance their skills to enhance their chance to be selected.



### Graduate Recruitment Drive 2021 ICI Pakistan

Student Support Center Bahria University Karachi Campus collaborated with the HR Department ICI Pakistan Limited to organize a virtual Graduate Recruitment Drive 2021. The recruitment process was based on talent games in which students registered themselves and completed all the processes.



### Off-Campus Recruitment Abudawood Pakistan E.D.G.E Trainee Program

Student Support Center Bahria University Karachi Campus collaborated with the Abudawood Pakistan to organize the off Campus Recruitment Drive in which students of BBS, MS, CS, BEE, BCE, and BSE participated in their EDGE Program on 25th March 2021.





## Off-Campus Recruitment Astera Graduate Recruitment Program 2021

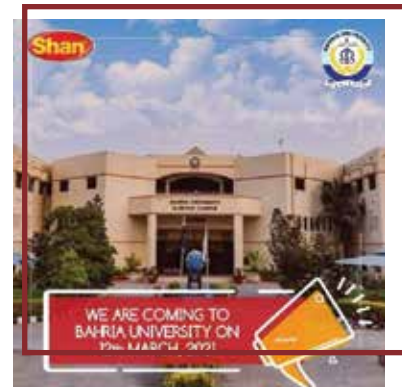
Student Support Center Bahria University Karachi Campus collaborated with Astera Software to provide fresh graduates and young professionals with the opportunity to develop competencies, skills, and cross-functional experience that enables them to take up key leadership roles across our organization in which students of BBS, MS, CS, BEE, BCE, and BSE participated on 30th March 2021.

## Off-Campus Recruitment Drive Meezan Bank Limited

Student Support Center Bahria University Karachi Campus collaborated with the Meezan Bank Limited to organize the off Campus Recruitment Drive in which 84 students of BBA, MBA, and BS A&F participated on 24th March 2021.

## Virtual Recruitment Drive Shan Foods

Student Support Center Bahria University Karachi Campus collaborated with the Shan Foods Pvt. Ltd. to organize the off Campus Recruitment Drive in which 95 students of BBA MBA participated on 12th March 2021.



## Off-Campus Recruitment Drive Times Consultant

Student Support Center Bahria University Karachi Campus collaborated with the Times Consultant to organize the off-campus Recruitment Drive in which 17 Students participated on 9th March 2021.

## Off-Campus Recruitment Drive DSV Air and Sea Pakistan (Smc-Private) Limited

Student Support Center Bahria University Karachi Campus collaborated with the DSV Air and Sea Pakistan (SMC-Private) Limited to organize the off Campus Recruitment Drive in which 16 Students of BBA MBA and BSCS participated in the drive on 18th March 2021.

## Student Job Placement at Junaid Jamshed (J.)

Student Support Centre Bahria University, Karachi Campus organized an on-campus recruitment drive for the position of MTO at Junaid Jamshed - J. at Al-Beruni auditorium. The organization conducted recruitment in all of the Karachi top universities and there were only four MTO positions that were offered out of which two positions were secured from our campus.



### Virtual Session On Career Awareness And Preparedness by Ms. Nadab Gill

Bahria University Karachi Campus student support Centre organized Online Sessions on Career Awareness and Preparedness for enhancing their skill and help them to pursue their career path ahead. Nadab Gill is certified Hr. and working Inverex Solar Energy. She helps students how can pursue their skills on the job.



### Future Leader- Virtual Recruitment Drive MTO Program

Student Support Center Bahria University Karachi Campus collaborated with Unilever Pakistan and organized the virtual recruitment Drive- Future Leaders for the upcoming MTO Program 2021.



### Meeting with Pakistan International Container Terminal

Student Support Center Bahria University Karachi Campus organized a collaborative meeting on Wednesday, 3 February 2021 at 1400 hours at the main conference room - Quaid Block BUKC. The meeting was aimed to support and strengthen maritime studies including other departments, internships and jobs opportunities, training sessions for students and faculty for certain programs, assistance in academic curricular and syllabus to provide a practical approach in the corporate world and other short course developments, industrial visits, HODs help in research thesis, and guest speaker sessions.



### Virtual Session with Unilever Pakistan

Student Support Center Bahria University, Karachi Campus collaborated with the HR Team of Unilever Pakistan and organized the virtual session regarding their MTO Program 2021 Future Leaders. The session was delivered by Ms. Ayesha Rehman and Ms. Abheer Bawany. The Speakers explained to the students their online recruitment process and also helped them to enhance interpersonal and communication skills.



### Session On Career Exploration and Corporate Skills

Student Support Center in collaboration with Leadership Development Centre conducted the pre-job fair session to educate and prepare them for the job fair activity. The aim of session was to expand their knowledge about the various opportunities in the job market and how they could find the right opportunity for them to build their sustainable career pathway for these students and alumni of Bahria University Karachi Campus. The session also included resume writing, do's and don't s of interviews and grooming practices.

## Bahria University Islamabad Campus Virtual Job Fair'20

Continuing Bahria University's tradition to sustainably impact the nation, for the first time ever, the Bahria University Islamabad Campus Internships and Placement Office organized Virtual Job Fair'20 on 23rd Dec 2020. This was aimed at remedying the economic damage done by the COVID pandemic. We successfully connected BU students and graduates with registered top tier industry partners. The event's planning and execution took 160 hours and yielded exceptional results. The operational strategy was widely appreciated by the companies. They felt 'genuinely cared for'. Our designated ushers received intense peer-to-peer training on hospitality, attitude, and conflict management from Psychology Department students. Amidst these tough times, this event surely lifted the spirits of a lot many stakeholders. The industry partners provided meaningful feedback for each candidate. This would help us better understand the gap between the academia and current job market.



### Virtual Job Fair

Student Support Center Bahria University Karachi Campus organized the first virtual Job Fair 2021 for three consecutive days from 27th January to 29th January 2021. 1500+ Students of all departments i.e. Management Sciences, Engineering Sciences, Maritime Sciences, Computer Science, IT etc. participated in the event. Extensive support from Manager Program – in disseminating the information, helped students to register themselves for the event through Google form. Students then were able to receive the company links through email and WhatsApp. 60+ Companies participated in the event to provide the platform to connect the students with them and apply for several vacant positions in their esteemed organization.





## Chapter 09

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# University Building Communities







# University Building Communities

Bahria University is dedicated to promote Community Service, Civic Engagement, and service-learning amongst the youth to make them socially responsible citizens in the society.

## BU Community Support Program

The management of BU believes that service-learning has a positive effect on the personal development of students and it helps them acquire academic skills and knowledge by utilizing their resources and professional skills. Keeping in view the importance of community service, and as per university's CSP policy, the students are being encouraged to work for NGO's- Government/ Semi Government agencies/International Organizations, University Administration for matters related to community welfare. Bahria University is collaborating with esteemed organizations in the following areas for strengthening its Community Support Program:

- Manpower/ Resource Sharing
- Mutual Research activities
- Funds/Grants
- Women entrepreneurship/ Skill
- Enhancement
- Reduction in Environmental Degradation
- Health Promotion and Care
- Peace Building
- Disaster relief and Rehabilitation
- Social and Urban Entrepreneurship

Community work is being performed by all campuses to benefit their students academically, professionally, and personally to develop their civic and leadership skills.

## Student Support Centre (SSC)

SSC is the hub of all non-academic activities and student centered services to maximize student potential by polishing student talents and skills, developing them into all-rounder's with grooming interventions, self-help resources, interactive workshops and participation outside university.

The Student Support Centre has a system under which it operates and provides support to students through following three wings:

## The Student Facilitation Centre (SFC)

SFC has been established to facilitate and resolve BU students' academic and nonacademic issues. The aim of this department is to address the queries of students so that they do not run from one office to another for resolution of their problems or for seeking academic guidance. This department works closely with all departments of the university and provides guidance and requisite information to the students under one roof.

## Community Support Program (CSP)

Bahria University is dedicated to promote Community Service, Civic Engagement, and Service-learning amongst the young to make them socially responsible citizen in the society. The management of BU believes that service-learning has a positive effect on the personal development of students and it helps them acquire academic skills and knowledge by utilizing their resources and professional skills. Community Service is mandatory for all students as a degree requirement.

## Students Resource Center (SRC)

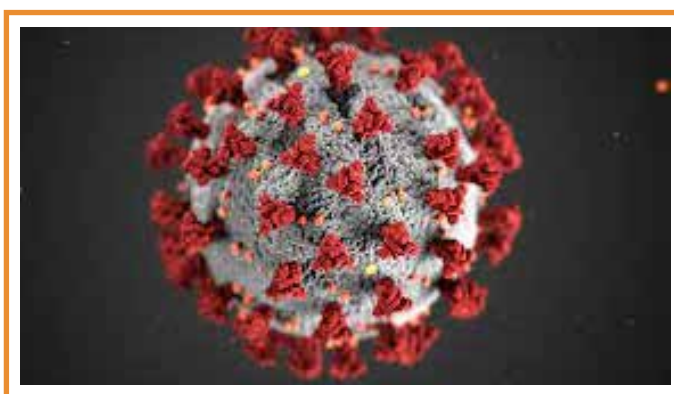
Bahria University gives students loads of opportunities to have fun and to socialize. Whether it is competing in a sports, broadening experience with volunteer work or getting involved in the society. Along with other activities, the SRC comprises of 5 Clubs/ Societies.

- The Arts & Dramatics Club
- The Media Club
- The Music Society
- The Events Club
- The Literature & Debates Club

## Covid-19 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. To fight such pandemic, awareness amongst locals tended to be prioritized to keep them mindful of the future consequences. 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.

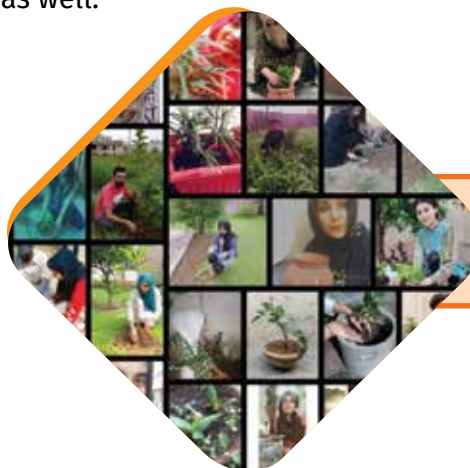
The sole aim of this session was to train their volunteers and accrediting the volunteers with the obligation of guiding 20 more people. Thus, this session initiated the chain of awareness about ECD as it holds significant importance in our life.

### 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.

### Sapling Plantation by CSP Club on Independence Day

On Independence Day 2020, 80 CSP Club members planted more than 100 Saplings of different species near their homes. They believed that the best way to pay back to the motherland during the pandemic was to help save the environment not for ourselves but for our future generations as well.



Bahria University Community Support Program (CSP) Club volunteers planting saplings

### CSP's Contribution in Clean and Green Pakistan (1800 Saplings)

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 180 students have planted more than 1800 saplings (distinct species) individually near their homes in-order to cover up 10 mandatory CSP hours.



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.

### Seed Ball Activity at Trail-5 Base Camp

Planting trees and making our environment greener and healthier is vital for our existence. Plants are like our friends; sowing a plant into the ground means spreading the roots of friendship with the environment!

To make our country "Pakistan" more beautiful and greener, "Who is Husain?" A non-profit organization conducted a Seed ball activity in co-ordination with different organizations and universities around Islamabad. CSP club from "Bahria University Islamabad" considered it as its duty towards the society to take part in this event. The event was mainly focused on encouraging people to plant new lives (plants) into this earth. The event was held at trail-5 on the 11th of October, 2020. All the members from different backgrounds came together and participated in the activity; the volunteers were required to make seed balls, make them dry, pack them in small packets and return them to the organizer body. The drive became more memorable by the presence of an eminent personality "DC Islamabad Muhammad Hamza Shafqaat". He not only contributed to this event through his presence but also through his efforts in making our country pure and healthy.



CSP club believes that tree plantation is not just something that should be done; instead, it is a necessity, the urgent need of the hour. Planting of trees is especially important to protect our environment against air pollution and global warming. Our club encourages young volunteers to participate in tree plantation campaigns to make this country clean and green.

## Global Hand washing Day'20

Each year on October 15th, Global Hand Washing Day highlights the importance of hygiene and washing one's hands with soap and water. This day serves as a yearly reminder of how important it is to wash hands regularly to avoid getting sick and spreading the virus in our surroundings.

Keeping the importance of this day in mind, the CSP club from Bahria University, Islamabad, celebrated this day in collaboration with HHRD (Helping Hands for Relief and Development) at AL-HUDA school. Team members from both the organizations joined hands together to spread awareness about the importance of hygiene among Pakistan's children.

Various activities were conducted to make the event memorable and enjoyable for the kids. To make the kids feel comfortable, the team arranged a special ice-breaking session at the start of the event. All the kids painted their hands with different colors and made hand impressions on the cardboard. Furthermore, the team thoroughly explained the importance of hygiene and how cleanliness is half of faith. They talked about the good and bad habits regarding hygiene and how they affect our daily lives. The CSP club members also engaged students with hand washing activities where they first demonstrated how to clean dirty hands properly and afterward encouraged them to follow through the steps. The team made sure that every child at school is well aware of the significance of the day and how a little activity of washing hands can protect them against germs and viruses. The day was brought to an end by distributing hygiene packs among the kids with a lovely message from CSP to keep their hands clean.



## Breast Cancer Awareness Session'20

CSP Club successfully conducted a virtual “Breast Cancer Awareness Session” along with Shifa Foundation on 23rd October, 2020.

It was overwhelming to see 70+ participants attending the session. Our guest speaker from Shifa Foundation “Dr. Humera Naz”, told us about the prevalence, the causes and factors and some myths regarding breast cancer in Pakistan. She kept it comprehensive yet precise. The event ended with a question answer session in which all the attendees participated with enthusiasm and put forward their unique questions. All of the questions were answered gracefully by our guest speaker.

Almost all of the attendees managed to follow the dress theme of pink and white demonstrating their commitment to the cause.

The attendees had prepared charts/posters and placards with important messages written on it regarding Breast Cancer Awareness.

Just like this session, packed with some very important information as well as fun and engaging activities, CSP aims to continue to arrange such insightful sessions for the awareness of the masses.

## Honorable Rector's Visit to Becs Kalinjar Village E-8 for Annual Notebook & Stationery items Distribution

Basic Education Community School is located in a small village, "Kalinjar" E-8 Islamabad. BEC School's objective is to strengthen the non-formal approach to supplemental education for eradicating illiteracy and the achievement of Universal Primary Education. This school is for all the under-privileged students located in the small Village. Bahria University believes that education should not be interrupted at any cost and that every child has a right to education.



Keeping this in mind, Bahria University partially adopted Basic Education Community School Since 2014, and ever since the university is partly responsible for the school funds and sponsorships. Moreover, Basic Education Community School (BECS) gets its annual notebooks, stationery supply, and furniture from the university itself. The university not only hands out essential supplies to the school but it also lends a helping hand in assisting the students studying introductory technical courses by providing them University's lab facility.

To continue this noble cause, Community Support Program CSP Bahria University, with its prominent club CSP and BU TV coverage team, organized an event on 18th January, 2021 at Basic Education Community School to distribute notebooks and stationery supplies. Eminent personalities like Honorable Rector, DG Islamabad campus, Director Campus, accompanied by Director Student Affairs, ADSA, Manager SSC, Assistant Manager CSP, SA CSP paid a visit to check on the school's progress and functionality. The children started off the event by reciting verses from the Quran, sang Pakistan's national anthem and poems. CSP club members also prepared some activities for the children to make them enjoy the event even more. At the closing ceremony, Honorable Rector BU presented the kids with notebooks and stationery supplies. Bright smiles of BEC children filled the environment with love and warmth.

## Street Store for Underprivileged in Collaboration with Akhuwat Foundation

Street Store, a free cloth store for underprivileged people is a magnificent project initiated by CSP team. It was originally expected to be carried out in December of 2020, but due to COVID-19's second suspension, it was carried out on Saturday, March 13, 2021 (Timing 9:00 a.m. to 2:00 p.m.). This year street store was located at Gareebabad Rawalpindi, near old dry port and CSP BUIC partnered with Akhuwat Clothes Bank Rawalpindi, AASS Foundation and Dar-e-Insaniat to execute Street Store. Volunteers donated their unwanted used clothes and these clothes were submitted to Akhuwat Clothes Bank till the execution of the Event. The clothes were processed that is washed/ disinfected, sorted, mended (in case of any fault), pressed, tagged (according to size and packed)





by the transgender working at Akhuwat Clothes Bank (Under Akhuwat Transgender Rehabilitation Program) at Akhuwat Clothes Bank located at Tipu Road, Rawalpindi. Survey and token issuance to beneficiary was managed by Akhuwat Clothes Bank team. 150 families were catered (provided with the gifts in the form of clothes in a respectful manner) by 55 volunteers who participated in the event. BU volunteers left the university at 9:00am via bus transport and reached the venue at 10am. All the volunteers were addressed and assigned the duties by the Manager of Akhuwat Clothes Bank (Mr. Suleman) and AM CSP (Mr. M Danish Malik). Volunteers set up the 6 cloth stalls for beneficiaries. Each beneficiary could take 4 clothes (as per their own choice) with them from the street store, and the event successfully ended at 2:00pm.



### Ramadan Rashaan Bags Distribution Drive

Ramadan is a month of gathering rewards from Allah all mighty. It is a month of manifesting benevolence, sincerity and tranquility. It is our duty to not only observe fast but also help people around us and show kindness to them through our actions during this month of purity. As the Beloved Prophet Muhammad (S.A.W) said: "Whoever draws near to Allah during this month by doing some good deeds are like one who does an obligatory action at any other time, and the one who does an obligatory action during this month is like one who does seventy obligatory actions at any other times."

Like every year, Bahria University did not fall behind to fulfill its duty of spreading love and warmth. With the help of CSP club, events club, media club, dramatics club and SSC management members, Bahria University conducted a Ramadan rashaan drive on 22nd of April 2021. All the members gathered at Ibn-e-khuldun Auditorium to contribute to this beautiful gesture taken by Bahria University to pack the rashaan bags by themselves. Around 90 rashaan bags were distributed at 4 different locations namely Sinyari village 35 bags, Kalinjar village 25 bags, D-12 Kachi basti 20 bags and Sher dhamyal village 10 bags. The rashaan bags included:



Reaching out to people and helping them is what Bahria University takes pride in. It is our duty to extend our help and love to ensure a healthy community. Bahria University wishes may Allah accept our efforts and grant us every chance next year to continue this act of kindness.



## Student Involvement in Completion of Mandatory 40 CSP Hours

During the entire time period (June 2020-June-2021), BU students were involved in the following activities for the completion of their 40 mandatory CSP hours. The activities mainly include:

- Tree Plantation.
- Used Clothes Donation.
- Rashan Donation.
- Old course book and stationary donation.

### Statistics

S.NO	List of Activities	Numbers
1.	Tree Plantation Drive	1800 Saplings
2.	Clothes Donation	467 bags (1 bag= 5 pieces)=2335
3.	Rashan Distribution	529 bags
4.	Books Donation	402 sets

## Collaborative Meeting for CSR Activities with Zeba Shehnaz

Community Support Program, Bahria University Karachi Campus initiated a collaborative meeting with famous TV actress Zeba Shehnaz for CSR activities on 28 June 2021. The meeting aimed to discuss a line of actions that included more interactive sessions and CSR activities for BUKC and IPP Students.



## Blood Donation Drive by Indus Hospital

Blood cannot be manufactured; we need to collect blood in order to provide blood. BU Karachi Campus, Community Support Program in collaboration with Indus Hospital conducted a Voluntarily Blood Donation drive on Thursday 24 June 2021 at Bahria University Al-Beruni Basement. Indus hospital is running a children's cancer hospital where over 2000 patients are enrolled for free treatment. Cancer in children is treatable and their lives can be saved with the timely provision of medication and blood transfusion. Also Indus Hospital Blood Center fulfills the requirements of Thalassemia children's patients. During these pandemic blood drives are carried out throughout the world following Covid'19 SOPs. According to FDA and WHO, there is no transmission reported through blood transfusion hence we can save many precious lives by our donation.



## Beach Cleaning Activity

National Institute of Marine Affairs (NIMA) in collaboration with the Community Support Program (CSP), BU Karachi Campus Organized a Beach Cleaning Drive on World Ocean Day on 10th June 2021. Activities first began with the introduction and briefing of precautionary measures and the team set to work. This event helped our students to develop a civic sense, in serving society and working to save our environment. The students were elated and glad that they could work towards a positive change in our



environment, through this small act of cleaning up the beaches and as a result safeguarding everything which is linked with it. BU Students and Faculty members participated in this drive.

## Visit Dar Ul Sukun Old Age Home

Due to our strong family structures, the welfare of senior citizens has never been a primary concern of the government or the charitable trusts but still, there is a presence of a very minute amount of elderly population who are abandoned by their friends and families. It is our communal responsibility to take care, love, and show affection to our senior citizens who are neglected by their families. To fulfill this obligation many well-known trusts have undertaken this communal responsibility but one of the most prominent ones in this field is DAR UL SUKUN (House of Peace).

Bahria University Karachi Campus Event Management Club visited DAR UL SUKUN for elderly people on Saturday, 29th May 2021. Due to the current hike in Covid cases, following SOPs and minimizing social gathering was our main concern due to which only 25 students at max were allowed. Students offered homemade food concerning their health constraints like diabetes, etc to share the warmth of affection and care with the old age citizens. They listened to their stories and had lunch with them with a cross understanding and respect of relation. This small activity enhanced the empathy in students for their loved ones and society.



## Virtual Awareness Session on Power of Giving

Bahria University Karachi Campus, community support program organized a virtual awareness session on "Power of giving" on Saturday, 8th May 2021 at 1200 hours. The chief guest of the virtual session was Mr. Shahbaz Islam. He is a General Manager Corporate and HR SSGC Ltd. He is a Life Coach/Trainer/Mentor/Motivator by nature and my passion. He has a multidimensional experience of more than 20 years working in HR, Marketing, and Media Management in diversified organizations/industries. Giving charity is the proof of faith, as

those who are close to God are always seeking his love through giving. The messenger of Allah (PBUH) said: "Sadaqah is proof. In this session, 350+ students participated and learned about the benefits of giving and why it's important in the light of Islam.

### CSP-Iftaar Drive at Sunrise Old Age Home (NGO)

Bahria University Karachi Campus, community support program arranged an iftar drive for senior citizens in our society on Thursday, 06th May 2021 at Sunrise Old age home. Students bought home-cooked meals for them. This activity made our youth realize how important is to respect our parents and not leaving them in their old age. Parents are a precious gift from Allah and we need to respect them.



### Virtual Awareness Session About Thalassemia Disease

Thalassemia is an inherited blood disorder that affects the body's ability to produce hemoglobin and red blood cells. With an increase in the number of Thalassemia victims in Pakistan and the aim of building Thalassemia awareness in our youth, Bahria University Karachi, Community Support program conducted a virtual awareness session about thalassemia disease on Thursday, 06th May 2021, through MS Team. The guest of our virtual awareness session was \*Dr. Asim Qidwai\* He is the founder and CEO of Afzaal Memorial Thalassemia Foundation (AMTF) and Hemoglobin disorder specialist. Dr. Qidwai also works as Philanthropist, Social worker, Health care & policy Management. He has developed future vision AMTF, DMC, JSW, in Sindh, Sundus Foundation in Punjab, and Vonhar Hospital KalaarKar. In this session, 350+ students participated and learned what Thalassemia disease is? Can thalassemia be cured and what are the precautions of thalassemia.



### Virtual Awareness Seminar On Scope Of CSR/ Business Houses Requirement For CSR Funding

Bahria University Karachi Campus, Community Support Program organized a virtual awareness session on "Scope of CSR/ Business houses requirement for CSR Funding" on Sunday, 2nd May 2021 at 1100 hours. The chief guest of our virtual session was Mr. Babar Hussain. He is the founder of 360Digital Eyes Private Ltd; an enthusiastic and experienced influencer specialized in IT and Science Entrepreneurship, with a range of diverse experiences in collaboration with and for corporate and public sector organizations. In this session, students learned about what is CSR and by-laws, international and local practice, CSR beneficiaries, Business house requirements for CSR funding and Community youth, women empowerment project implementation.



## Virtual Awareness Session on How Companies Participate in CSR Activities

Bahria University Karachi Campus, Community Support Program organized a virtual awareness session on “How Companies Participate in CSR Activities” on Saturday, 1st May 2021 at 1100 hours. The chief guest of our virtual session was Engr. Qazi Nauman Mujahid, an IT professional worked in Government organizations, MNCs, and multiple Startups. He is currently working in different organizations like:- Chief Operating Officer at Engitech Services (Pvt.) Ltd.CO-Founder of Health Solutions, Member of FPCCI standing committee on Cyber Crime & Security, Vice Chairman (IT) of Consumers Association of Pakistan, CTO of Digital Academy Pakistan, Director Technology Affairs of Professional Youth Foundation of Pakistan. In this session, students would know the industrial sector including Engitech how they helping needy persons and paying back to society by using the technology.



## An Important Talk On “Oral Health & Covid-19” by Dr Kulsoom Fatima Rizvi on World Oral Health Day

World Oral Health Day is being celebrated worldwide each year. Year 2020 marked the cataclysm caused by the pandemic of COVID-19. With the change in attitudes and practices towards general health & with the development of vaccine, year 2021 marks the era of a global health revival. In the light of this and utilizing the opportunity of World Oral Health Day, the Department of Community Dentistry of Baqai Dental College organized a Seminar on March 25th, 2021 with the theme “BE PROUD OF YOUR MOUTH”. Dr. Kulsoom Fatima Rizvi, Vice Principal Dental College and Head of the Department of Community and Preventive dentistry at Bahria University Medical and Dental College was invited as a guest speaker in the seminar. She delivered a lecture on “Oral Health & Covid-19” The lecture focused on increasing the need for prevention and access to health care. With the ongoing third wave of covid-19 virus in Pakistan an oral health education and promotion session was need of the hour for both students and dentists.



## World Water Day

Bahria University Community Support Program collaborated with Earth and Environmental Sciences Department to commemorate World Water Day on 22nd March 2021 at Al-Beruni Auditorium. The guest speaker Dr. Amir Alamgir Asst. Professor Institute of The Environmental Studies University of Karachi, Dr Tahir





Rasheed Regional head of WWF, Ms. Sunila Kanwal Deputy Director Sindh Environmental Protection Agency And CEO Al-Khadmit Karachi Mr Naveed Baig highlighted the lifeblood of human beings- Water. The significance of water relies upon our dependency on it. So, it would be trivial to go after every importance line by line. It is essential for a sound mind and body, which ultimately regulates and prospers our economy too. In a nutshell, water is the nexus between industrial development and domestic improvement. To further enunciate the value of 'spark of life,' Bahria University Dramatics Club presented a short play, showcasing its importance followed by actively involving in project displays. Winners were declared and represented with certificates and gifts sponsored by Al-Khidmat Karachi. The program was concluded with immense delight radiating from the members and pleasing smiles were accorded across the auditorium.

### An Interactive Oral Health Awareness and Dental Checkup Session At Al-Mohsin Hall (Orphanage) by BUHS, Karachi Campus

An interactive oral health awareness and free dental checkup visit at Al Mohsin Orphanage (Markaz e Huqooq e Shariya Pakistan) was arranged on March 10, 2021. The BUHS, KARACHI CAMPUS Health Care Professional team comprised of Dr. Kulsoom Fatima Rizvi (Vice- Principal Dental College & Head of Community Dentistry Department), Dr. Maria Moin, Dr. Raima Bashir and Dr. Mohsin Haider as Senior Lecturers in Department of Community Dentistry and Dr. Shabeeh Fatima, Dr. Rabial Imtiaz and Dr.Hassam as House Officers visited the orphanage. The team conducted a lecture and provided free dental check-up to the children.



## World Orphanage Day

On 19 January 2021, Students of Bahria University visited Edhi Orphanage on World Orphanage Day. Students distributed stationary items and homemade food to them. Students were inspired to volunteer because it enables them to pay back to their local community or help people in need across the world.



## HEC & Pink Ribbon Cancer Youth Awareness Program

Throughout the world, breast cancer poses a major health risk for women. Every year, one million women are diagnosed with breast cancer. In Pakistan 1 out of every 9 women has become a patient of breast cancer, due to which Pakistan has the highest rate of breast cancer in Asia. The pink ribbon is an international symbol of breast cancer awareness. It represents fear of breast cancer, hope for the future, and the charitable goodness of people who publicly support the breast cancer movement. In this regard, Bahria University Karachi Campus, Student Support Centre organized Pink Ribbon Day on Monday, 26th October 2020 under the umbrella of Community Support Program. Some of the planned activities were cancer awareness session, Pink Ribbon human bow, collection of donations in terms of clothes, shoes, cash (which will be used for cancer treatment) and etc., Scavenger Hunt, Photo booth, Bake sale/food stalls, Indoor games. Through CSP Activities we were able to collect Rs.15, 000/- (Fifteen Thousand Rupees) donation for Breast Cancer Hospital. Dr. Saba Wajahat, Senior Lecturer of Pharmacology at Ziauddin University of Health and Science was invited as Chief Guest. She spoke in detail while describing the disease, risk factors, prevention, and its treatment with self-examine.

Bahria University Karachi Campus celebrated this day to know the unknown and to promote the wellbeing of the mothers, daughters, and sisters of Pakistan. Let's save the future together! CSP hours were given to students according to the activities. Overall, the event was successfully conducted. With combined team efforts of the management and the students we were able to generate funds through different indoor activities.

## Akhuwat Virtual Fellowship Program

COVID-19 is an epidemic that has gripped not only Pakistan, but the entire world. It has threatened lives, and has led to a major economic crisis due to which millions have lost their livelihood. To support fellow Pakistanis during these testing times, Akhuwat and Dunya Foundation have launched the Akhuwat Virtual Fellowship Program 2020. In this program students of Bahria University learnt how volunteerism can enhance the abilities, alongside how youth can work for the betterment of the community, specifically during COVID-19. More than 60 students of BUKC participated in this program.



### Visit To Ashiyana Trust Karachi

Ashiyana Trust is a non-profit and non-government organization dedicated to providing the best personal care support services for the deserving elderly of our society. This visit have given students a chance to learn a lot of new things from these elderly citizens and have tried to help improve their lives in many ways like by consoling them, trying to make them happy, hearing their stories and by handing them over their favorite food items and clothes.

### Wall Painting In The Disabled Child Ward At Hospital

Students of BUKC decided to paint a ward for disable children in Government Hospital Orangi town. Creative students of different departments gathered painted a hospital wall with beautiful colors to add happiness and joy in disabled children's life.

### Plantation Drive

Prime Minister Imran Khan launched the countrywide spring tree plantation drive. For the revival and restoration of forests in the country. The target is to plant 1.5 billion plants in Pakistan. Honorable Director General Bahria University Karachi Campus Vice Admiral (Retd.) Khawaja Ghazafar Hussain HI(M), Director Campus Cdre Muzammil Hussain SI(M), SE, Principals and all the Departmental Heads along With BUOs inaugurated the tree plantation drive at Campus. Tree Plantation drives combat many environmental issues like deforestation, erosion of soil, desertification in semi-arid areas, global warming and hence enhancing the beauty and balance of the environment. For continuing the vision Bahria University, Community Support Program step forwarded to plants 5000 trees in different area of Karachi to green Pakistan. The aims of the global tree plantation drives are to create awareness for the importance of plants and trees in our day-to-day lives. Currently we have planted 3000 sampling in different areas of Karachi included Sarjani town, safari Park, Korangi Industrial area, Hill Park, Quaid Tomb, Jinnah Park, Fatima Zohra Park, khalid Bin Waleed Road, Korangi Industrial Area, Orangi Number 5, Baras family park and other areas of Karachi.



### Ration Drive

Those who believe, and do deeds of righteousness, and establish regular prayers and regular charity, will have their reward with their Lord: on them shall be no fear, nor shall they grieve." (Quran 2:277) Ramadan is the month of forgiveness. Every reward is multiplied in this holy month and there can be nothing more rewarding than helping mankind. This Ramadan CSP-BUKC organized a Donation Drive for distributing the Ration bags among the deserving/needy people in the adjacent communities.



## Virtual Awareness Session on Myths and Facts About Covid-19 Vaccines

Bahria University Karachi Campus, community support program CSP organized a virtual awareness session on Myths and Facts about COVID-19 Vaccines. The coronavirus, or COVID-19, is inciting panic for several reasons. It's a new virus, meaning no one has immunity. It is highly contagious, meaning it spreads fast. Its novelty means that scientists aren't completely sure as to how it behaves since they have very little history to go on. Guest speaker of our session was Prof. Dr. Farhan Essa Abdullah CEO, Dr. Essa Laboratory & Diagnostics Center (One of the Largest Diagnostic Chains) it was an informative session as an initiative to make this society a better, healthier.



## Virtual Awareness Session on Road Safety by Atlas Honda

Bahria University Karachi Campus, community support program CSP organized a virtual awareness session on Road/ Motorcycle Safety. Motorcycles are by their nature far less crashworthy than closed vehicles. They are also less visible to other drivers and pedestrians and less stable than four-wheel vehicles. Operating a motorcycle requires a different combination of physical and mental skills than those used in driving four-wheel vehicles. Motorcyclists and their passengers are more vulnerable to the hazards of weather and road conditions than drivers in closed vehicles. The rate of unlicensed fatally injured motorcycle drivers during 2020 was higher than the rate of unlicensed fatally injured passenger vehicle drivers. Mr. Atif Rasheed Regional Head (Atlas Honda Ltd.) gave training about Road/Motorcycle safety. There was an informative session as an initiative to make this society a better, healthier, and safer place.







# Chapter 10

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## Sports







# Sports

Sports are an important part of every society, country and individual. With its economic, social and individual aspects, sports have very significant role in raising healthy generations, public health protection, building social peace and harmony. Bahria University encourages sporting activities and is striving to promote the physical and mental wellbeing of students. Bahria University participated in national level sports events and appeared with flying colors. The highlights of HEC Championship and other tournaments are as follows:

## HEC Intervarsity Football Championship



Bahria University participated in HEC Intervarsity Zone C (Men) Football Championship 25 February 2021 at Quaid-i-Azam University Islamabad.

## HEC Intervarsity Table Tennis Championship



Bahria University participated in HEC Intervarsity Zone C (Men) Table Tennis Championship from 23 February 2021 at UET Taxila.



### HEC Intersarsity Cricket championship



Bahria University participated in HEC Intersarsity Zone C (Men) Cricket championship from 15-20 February 2021 at COMSAT University Islamabad.

### HEC all Pakistan Netball Championship



Bahria University participated in HEC Intersarsity all Pakistan Netball Men & Women championship held at IBA Karachi from 1 – 4 March 2021.

## HEC Basketball Championship



Bahria University Basketball team participated in HEC zone C championship held at NUML university Islamabad from 10 – 14 March 2021 and stood winner of the event, however, due to COVID-19 situation all Pakistan Championship was not held.

## HEC Intersarsity Volleyball Championship



Bahria University participated in HEC Intersarsity Zone C (Men) Volleyball Championship from 12 March 2021 at PMAS-Arid Agriculture University Rawalpindi.







## Chapter 11

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# University Building Leadership







# University Building Leadership

## All Pakistan Speech Competition

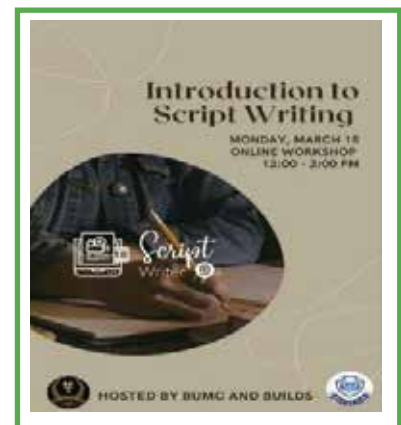
Student Support Center Bahria University Karachi campus in collaboration with the ilm ki dunya conducted an All Pakistan Speech Competition. Mr. Umair Zafar was invited as the Guest of Honor in the final round of the event to represent the management of BUKC. Mr. Shahroz Virani and Ms. Sumaira Ajmal contributed their time and efforts to judge the designated



participants and share their experience to groom the students for their future improvements. In the initial stage more than 330 students from different regions of the country were qualified for the first round. After 4 different rounds 6 students battled their way in the final round.

## Introduction to Scriptwriting

Bahria University Islamabad's first online workshop was a successfully organized by Media club and Builds, with over 80 active participants present throughout. The main purpose of the event was to polish the writing skills and also create awareness to write and to put their ideas on the paper. The activity for the workshop was also done virtually and it was an overall interactive session with positive feedback.

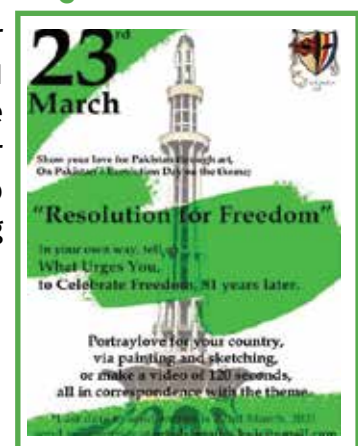


## 23<sup>rd</sup> March Poetry Competition

A poetry competition was organized by media club of Student Resource Centre (SRC), the competition was held virtually. The results were announced on March 23rd and the winners of 1st, 2nd and 3rd places were also posted on BUMC's social media.

## Resolution for Freedom – Video Making, Painting, and Sketching

Arts and Dramatics Club brings forth "Resolution for Freedom" for to show love for the country through the medium of Art. Exactly 81 years ago, one dream, one ideology, and the sacrifices of all those men and women, named and unnamed, paved the way for our future generations to prosper under a flag that would be kind to them. Pakistan Resolution Day was an essential part of expressing our sovereignty and our identity as a free people.



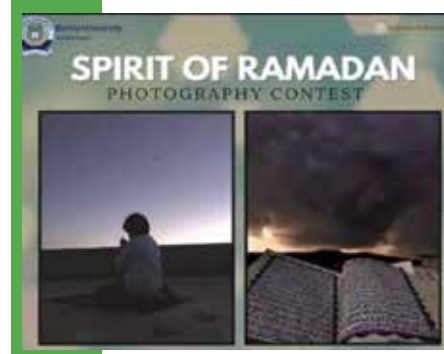


## Fundamentals of Stage Protocols (Workshop)

Arts and Dramatics Club OF SRC is hosted an online workshop on “Fundamentals of Stage Protocols” on 24th March 2021, for all young and aspiring actors. The workshop solely focused upon basics of stage rules and improvisation.

## Ramadan Photography Competition

Events Club of SSC organized a photography competition under the theme on “Spirit of Ramadan Photography Competition” where the participants examined upon their photography skills but this time with a spiritual essence to it! The event was from 22nd till 25th April



## Standup Comedy Event

After a long wait Arts and Dramatics Club in collaboration with the Media Club hosted a successful standup comedy event held on Tuesday 29th of June 2021 at BUKC. The collective effort of both clubs made this event bring out its true colors as a number of audiences showed up keeping in view the covid-19 protocol. Participants from our own university got the crowd in stitches with their incredible humor and confidence. This event has once again mustered the hopes and eradicated stress just before the exams.



## Labour Day Competition

Events club arranged Labour Day themed Digital Creative Competition to remind how important laborers are for our society and so in these appalling times we should all do our best to make their lives as easy as we can. The prize money was distributed among the winners and applauds all the efforts of participants.



## Independence Day Celebrations 2021

National flag hoisting ceremony of 74th Independence Day of Pakistan was celebrated at Bahria University Islamabad Campus. For the better future and prosperity of our beloved Pakistan, Dua-e-Khair was also held. Commodore (R) Asif Majeed Butt, Director Campus was the Chief Guest of the ceremony.



## Open Mic Event

Events club has arranged the first ever “Open Mic Event” under the theme of Aalishan Pakistan with the absolute support of SRC. Events club’s dedicated and creative team successfully organized this tremendous event by giving floor to these spectacular students to showcase

their talent. From the decor team to hosting and management team, everyone had outdid themselves in making the event one of its kind. The event was filled with passionate speeches and soul soothing patriotic songs from the talented participants and to judge this extraordinary bunch we were privileged to have Mr. Zawar Zahid, Mr. Nehal Azhar, and Mr. Aahid Waseem on board as judges who had a hard time in deciding the best as all the performances were staggering. Prize money was distributed among the winners and also certificates were given to the participants.



### Celebration of Independence Day with PTV

Students of Bahria University Karachi Campus Mehdi Abbas and Madiha Ahmed and a member of BUKC Debating Club had the privilege to perform at a famous morning show 'Morning at Home'. This show airs on PTV at 10 am on weekdays and is hosted by Nadia Khan. This year on Independence Day, she invited members of Dental College on her show to speak about the national festival. Mehdi Abbas spoke on the topic "Aye Watan tune pukara tou lahu khaul utha" and Madiha Ahmed spoke on the topic "Aaj kay Pakistan ka naujawan"



### Zoom Live Session on System Security and Data Protection

Student Support Center Bahria University Karachi Campus in collaboration with Ms. Farah Naz organize a live zoom session on System Security and Data Protection. The session was delivered by Mr. Burhan Baig on 24th October 2020. The aim of the session is to brief the students about the cyber security threats in light of recent case studies like KE, Careem and other cyber-crimes and theft happen in the recent times, which prepare the young generation regarding current situation and ways to prevent from these alarming situations.



### Bahria University Dramatics Club

Bahria University Dramatics Club organized the auditions for the Fall-20 session for all the newly enrolled students as well students who weren't able to take part in the auditions previously and were eager to become a part of this club. The auditions took place on Tuesday, 6th October 2020 at Fatima Jinnah Hall while having SOPs strictly followed by all the students and members of the society. Around 40 students registered themselves online for the auditions while some students also came in for walk-in auditions. The auditions were conducted successfully and the final results were prepared by giving full justice to the talent and skills of every candidate that gave the auditions.



## Pink Ribbon Breast Cancer Youth Awareness Program

Bahria University Dramatics Club also arranged a play performance for the Breast Cancer Awareness (Pink Ribbon) Day on Monday, 26th October 2020. The play named Raah-e-Miras which followed the story/journey of a popular model who is also a single mother of a daughter and gets to face the shocking reality of getting diagnosed with breast cancer and her fight and struggle with it. The play was written by Dramatics Club member Talib Mirza and Sir Shahroz Virani (Placement Officer in SSC), directed by President Bahria University Malik Arsalan and performed by Arisha Munir, Rashke Zehra and Syeda Aisha Tahir.

## Bahria University Music Club

Bahria University Music Society arranged the auditions for all the newly enrolled students and for those who weren't able to give auditions previously. The auditions were held on 15th of October at Al-Beruni Auditorium so that the SOPs would have been followed easily. Around 50 students registered themselves online for auditions. Apart from conducting auditions some in-house performances were also done by the members of music society. We had the guest from National Academy of Performing Arts (NAPA) Sir Julian who guided the students in their weak areas and also appreciated the students who performed outstandingly. Despite all Sir Julian performed for us. The auditions were conducted so perfectly and the result were prepared by giving full justice to each and every candidate. 12 new candidates got selected in the performers category. Later on it was decided by the President and Vice President that there would be sub-divisions in the society. The following four divisions were created: Recruitment, Management, Arts & Design and Performers. By doing these sub-divisions each and every member of the society can focus on its own work. In previous times the one who used to perform also look after the management and arts of the event. These sub-divisions made the work easy also by taking this step society will get members who will work according to their experience of the required field. The candidates who didn't get select as performers were shifted in the other following categories of interest. We are looking further for such good members in the sub-division so that the society works amazingly in every area. Following are the images from the day of auditions.

## Bahria University Debating Club Participation in Competitions

Date	Member's Name	Competition Name	Type Of Debate	Position
24th October, 2020	Jawwad Asif ( President )	"Rehmat ul lil Alameen(S.A.W.W)" conducted by PTV Home	Urdu Debate	1st
22nd October, 2020	Faiz Shahnawaz	"Rehmat ul lil Alameen(S.A.W.W)" conducted by PTV Home	Urdu Debate	1st
19th October 2020	Jawwad Asif (President)	Aamad e Mustafa (S.A.W.W) conducted by Ary QTV	Urdu debate	1st (Qualify for semi Final)

## Beach Trip

After successful events arranged by Event Management Club, the team went for a beach trip to rejuvenate their team spirit. Team EMC collected Rs. 1500 from each member and booked a lavish hut at turtle beach. Team EMC came to a pickup point near university and from there they left for the beach around 08.30am. They hired an armed security guard to ensure the safety of the team. Everyone was having the best time of their lives after a long time. They played games, swam, got a horse and camel ride. Nothing beats a nice cup of tea by the



sea shore which was prepared fresh by the team members. Onwards, lunch was served from Karachi's top ranked "Al-Rehman Biryani". They left the hut at 05:00pm and arrived at the same pickup point at 06:30 pm. Heads ensured that all the team members reached their homes safely. The sole purpose of this beach party was to boost the team spirit and let the team members interact with each other properly. EMC recruited new team members almost a year ago, ever since that they didn't have any events due to the global pandemic so there was no interaction among the new members. This was a must needed get away for the team after all the stressful online classes and examinations in this pandemic. The team was highly satisfied after this beach party.

## Meeting with Bank Al-Habib

Student Support Center Bahria University Karachi Campus initiated a collaborative meeting with the HR representative of Bank Al-Habib to initiate and extend collaboration with the organization. The meeting aimed to discuss a line of actions that included more interactive sessions, recruitment drives, internships, and job training programs for alumni and graduating students.

## Meeting with BMC Group

Student Support Center Bahria University Karachi Campus initiated a collaborative meeting with HR representatives of BMC Group. The meeting aimed to discuss a line of actions that included more interactive sessions, recruitment drives, internship, and job training programs for alumni and graduating students.

## Session of Mr. Faizan Saleem on SAP in the Modern World

Student Support Center Bahria University Karachi Campus initiated a live session of Mr. Faizan Saleem an experienced SAP Consultant from CERM Pakistan on SAP in the modern world. During the session, he gave a brief introduction to SAP and shared his experience regarding the SAP practices and implementation in the corporate world. He also explained the



importance of SAP and how it's becoming a necessity of every second organization which is the reason for its fast-growing opportunity for the youth to get more expertise in this domain. He also guided the students about the certifications of SAP and how it enables new opportunities for the upcoming youth.

### Online Meeting with K-Electric

Students Support Center Bahria University had a virtual Meeting with HR representatives of K-Electric. The meeting aimed to discuss a new initiative of an online recruitment drive which they were about to launch and how we could collaborate to promote this new practice and make this initiative successful and change the stereotype of past recruitment practices and bring the new method which was previously used by some multinational companies.

### Coca-Cola Brand Activity

Bahria University Karachi Campus, Student Support Centre organized Coca-Cola's BTL activity on Monday, 23rd November 2020 at football court - BUKC. The setup including intellectual games and giveaway packs were distributed to all the students. COVID-19 precautionary measures were strictly followed during the entire activity.



### Visit to Pakistan Marine Academy

Bahria University Karachi Campus's management team visited Pakistan Marine Academy for an outreach program on Friday, 27th November 2020 at 1000 hours to present information to the graduating cadets about Spring Admission 2021, scholarship facilities, and placement opportunities. Management team included Dr. Bashir Ahmad - Principal of Bahria Business School and Associate Dean, Dr. Asif Inaam - Head of Maritime Department, Mr. Umair Zafar - Manager SSC and Ms. Lalarukh Mehmood - Assistant Manager Program. COVID-19 SOPs were strictly followed during the entire visit.



### United Nations Association of Pakistan Collaboration with Bahria University Karachi Campus

Bahria University Karachi Campus, Student Support Centre held a meeting on Tuesday, 15th December 2020 at 1100 hours with the United Nations Association of Pakistan. United Nations Association of Pakistan - UNAP is a project of the Better World Fund (BWF) and in close collaboration with the United Nations Foundation (UNF). The purpose of this detailed meeting



was to create a United Nations Association of Pakistan - UNAP Chapter at our campus which customizes youth activities in-line with the 17 UN Sustainable Development Goals against annual certification with a number of hours served including national and international opportunities to strengthen our community support program.

### Toyota 5S Sustainable Development Training in Collaboration with United Nations Association of Pakistan

Toyota has sponsored a very exclusive training to be provided FREE of cost to over 50,000 young people across Pakistan. The training revolves around the UN Sustainable Development Goals and the Japanese 5S Philosophy - a combination of which helps in making individuals more efficient, organized, and sustainable! The training is designed to enable young people to learn the 5S methods and identifies ways to apply them in their daily lives. The training is designed to be an interactive and fun session. The purpose of this is to equip students to be able to cope with stress and to manage their time more effectively, which is especially essential during these challenging times.

### Public Speaking & Effective Communication Workshop

Bahria University Debating Club (BUDC) organized an online public speaking & effective communication workshop/session on 13th Dec 2020. The main purpose of organizing this session is to boost up confidence & encourage the students to speak in front of a mass audience. The session was hosted by Mohammad Jawad Asif (President-BUDC). Muhammad Ateeb was a trainer, who is a renowned public speaker, youth activist, blogger & HR professional. Heads of SSC (Student Support Center) was the chief guest of the workshop. This interactive workshop was held online on zoom meeting from 1:30 pm till 4 pm.

### Pakistan Resolution Bilingual Declamation Contest

Bahria University Karachi Campus, Student Support Centre organized (Intra Bilingual Declamation Competition) with Debating Club on account of Pakistan Resolution Day at Al-Beruni Auditorium - BUKC on Thursday, 25th March 2021 at 0930 hours. The program was started with the recitation of the Holy Quran Verses. 8 participants in Urdu came forward



to deliver their speeches while 6 participants came in English. Mr. Talha Alam was invited as Judge of the Urdu Category. Talha Alam is a chemical engineer and has been speaking since 2014 and won more than 70 All Karachi competitions at different universities. He has also won prizes at different Channels like BOL, PTV, Metro, Hum, AJJ News, Jaag News, ARY, TV One, etc. While, Mr. Abdul Rafay was invited as Judge of the English Category. He is CA Finalist and currently working as Senior Auditor in EY Ford Rhodes. He is a Renowned Speaker, Content Writer, Passionate Debator & Declamator with many Regional and Nation titles. He has also served as a judge in many reputed events. The program was concluded with the judge's remarks, distribution of souvenirs and prizes followed by a group picture.



## Photo Walk by Media Club

Bahria University Karachi Campus, Media Club organized Photo Walk on 7th May 2021 in collaboration with NPS – NED Photography Society. Two main locations were covered to capture the beautiful scenarios; Do Darya and Burns Road. Pictures of surroundings to create collections of interesting tableaux. The students walked along the route of Burns Road to take unique photographs and drone shots. The aim is to build understanding of photography tools among the students who has interest in camerawork with different angles.

## Debating Club Participation in Ramzan Transmission



Date	Member's Name	Competition Name	Type Of Debate	Position
22nd April, 2021	Jawwad Asif	"Andaz e Bayan" Conducted by By GTV news	Urdu Declama- tion	1st Position (Qualified for Semi-Final)
20th April 2021	Faiz Shahnawaz	"Bol star debater" conducted by ARY Qtv	Urdu speech	2nd
18th April(Sehri), 2021	Jawwad Asif (President)	"Bol Star Debater" Conducted by Bol Entertainment	Urdu Speech	1st Position (Qualify for Quarter-Final)
18th April(Iftar time) 2021	Jawwad Asif	"Afkar e Nau" Conducted by Ary Qtv	Urdu speech	2nd Position
15th April 2021	Faiz Shahnawaz	" Afkar e Nau" con- ducted by Ary Qtv	Urdu Speech	2nd
11th April, 2021	Faiz Shahnawaz	"Andaz e Bayan" Conducted by GTV news	Urdu debate	2nd

Bahria University Karachi Campus, Student Support Centre's Debating Club participated in different TV commercial Ramadan Competition where they secured different positions.

## International Business Skills Summer School

Student Support Center Bahria University Karachi Campus coordinated with International Office of Amsterdam University of Applied Sciences, Netherlands program and students of BUKC successfully completed the paid "Online Summer School".

## Chapter 12

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# University Governance







# 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 provides a platform for promising minds to come together, and serve the world around them.

## Naval Chief expresses satisfaction over efforts of Bahria University for Quality Education during BOG Meeting

Chief of Naval Staff Admiral Zafar Mahmood Abbasi, NI (M) chaired the 43rd meeting of the Board of Governors of Bahria University. The session was carried out with a detailed briefing to the board based on the progress of various ongoing projects. Special reference was made to growth and diversification in academic disciplines, infrastructure, budget and new initiatives of academic and non-academic areas, inclusive of the contribution towards blue economy of the country in maritime domain. The Naval Chief, who is also Pro-Chancellor and Chairman Board of Governors of the varsity, appreciated the efforts protracted for focusing on students' grooming and quality education via academic teachings. He also acknowledged the academic benchmarks being raised in the university aligned with its strategic and revised vision and mission, that lays emphasis on imparting knowledge and inculcating creativity. The BOG meeting was attended by board members including senior Naval Officers, Secretary Ministry of Science and Technology, Adviser Planning Ministry, Rector BU and relevant top management of Bahria University.





## LIST OF BOG MEMBERS AND ATTENDEES

### 43<sup>rd</sup> BOG Meeting of BU

List of Attendees	
<b>Naval Headquarters:</b>	
a.	<b>Admiral Zafar Mahmood Abbasi NI (M)</b> Chief of the Naval Staff & Chairman BOG
b.	<b>Vice Admiral Muhammad Fayyaz Gilani HI (M)</b> Vice Chief of Naval Staff/ Chief of Staff (Personnel)
c.	<b>Rear Admiral Abdul Basit Butt HI (M) Member</b> Director General Naval Intelligence
d.	<b>Surg Rear Admiral Ch Muhammad Qamar Ul Haq Noor TI (M)</b> Director General Medical Services (Navy)
e.	<b>Rear Admiral Abdul Samad SI (M)</b> Deputy Chief of Naval Staff (Training & Evaluation)
f.	<b>Captain Aamer Rasheed Malik PN</b> Director Naval Education
<b>Admin Authorities:</b>	
g.	<b>Vice Admiral Zahid Ilyas HI (M), S.Bt</b> Commander Karachi (Through Video Link)
h.	<b>Rear Admiral Muhammad Saleem SI (M)</b> Commander North
<b>Constituent Units / NIMA:</b>	
j.	<b>Vice Admiral (Retd) Abdul Aleem HI(M)</b> DG National Institute of Maritime Affairs (NIMA)
k.	<b>Rear Admiral (Retd) Imtiaz Ahmad HI (M)</b> Director General BUM&DC, Karachi (Through Video Link)
l.	<b>Rear Admiral Naveed Ahmad Rizvi HI(M)</b> Pro-Rector (Admin) / DG Islamabad Campus
m.	<b>Cdre (Retd) Shahid Azmat Wain SI (M)</b> Director BU Lahore Campus
n.	<b>Cdre (Retd) Muzammil Hussain SI (M)</b> Director General BUKC, (Through Video Link)
<b>Ministries/Universities:</b>	
p.	<b>Capt (Retd) Nasim Nawaz</b> Secy Ministry of Science & Technology
q.	<b>Prof Dr Muhammad Qasim Jan HI</b> President Pakistan Academy of Science Islamabad
r.	<b>Dr. Nawaz Ahmed</b> Financial Advisor (Planning) Rep of Secy Ministry of Finance

Internal:	
s.	<b>Vice Admiral Kaleem Shaukat HI (M)</b> Rector, Bahria University
t.	<b>Rear Admiral (Retd) Nasir Mahmood HI (M)</b> Pro-Rector (RIC) Bahria University
u.	<b>Surg Rear Admiral (Retd) Najam-us-Saqib T.Bt</b> Pro-Rector Health Sciences
v.	<b>Rear Admiral (Retd) Habib ur Rehman HI(M) r</b> Pro-Rector (Academics) Bahria University
w.	<b>Cdre Shafqat Azad SI(M), S.Bt</b> Registrar/Secy BOG
x.	<b>Prof Dr Ambreen Usmani</b> Dean Faculty of Health Sciences (Through Video Link)
y.	<b>Prof Dr Atif Raza Jafri</b> Dean Faculty of Engineering Sciences
z.	<b>Associate Professor Dr Ali Imtiaz</b> Dean Faculty of Management Sciences
aa.	<b>Prof Dr Adam Saud</b> Dean Faculty of Humanities and Social Sciences
ab.	<b>Prof Dr Zainab Bhutto</b> Dean, Director & Principal IPP (Through Video Link)

## Bahria University's 44<sup>th</sup> BOG Meeting 2021

Chief of Naval Staff Admiral M. Amjad Khan Niazi NI (M), S Bt who is also the Pro-Chancellor and Chairman Board of Governors Bahria University, chaired the 44th meeting of the Board of Governors of Bahria University at BU Head Office Islamabad. It was his first BOG meeting as Naval Chief of Pakistan and Board Chairman.

Bahria University is emerging as a leading Maritime University of Pakistan with the fundamental aim of contributing towards National Blue Economy of the country.

A detailed briefing was given to the board on the advancement of various continuing projects with special reference to growth and diversification in Academic disciplines, infrastructure enhancement, budget and new initiatives of Academic and Non-academic areas.

BOG meeting was attended by Board Members including senior Naval Officers, representatives of Ministry of Science and Technology, Finance Ministry, Rector BU Vice Admiral (R) Kaleem Shaukat HI (M) and relevant top management of Bahria University.



## LIST OF BOG MEMBERS AND ATTENDEES

### 44<sup>th</sup> BOG Meeting of BU

List of Attendees	
<b>Naval Headquarters:</b>	
a.	<b>Admiral Muhammad Amjad Khan Niazi NI (M) S Bt</b> Chief of the Naval Staff & Chairman BoG
b.	<b>Vice Admiral Ahmed Saeed HI (M) Member</b> Chief of Staff
c.	<b>Surg Rear Admiral Ch Muhammad Qamar Ul Haq Noor TI (M)</b> Director General Medical Services (Navy)
d.	<b>Rear Admiral Abdul Samad SI (M)</b> Deputy Chief of Naval Staff (Training & Evaluation)
e.	<b>Rear Admiral Muhammad Faisal Abbasi SI (M)</b> Director General Naval Intelligence
f.	<b>Cdre Arif Saeed SI(M)</b> Deputy Chief of Naval Staff (Personnel)
g.	<b>Captain Muhammad Mohsin Aziz PN</b> Director Naval Education
<b>Admin Authorities:</b>	
h.	<b>Cdre Masood Khurshid SI(M)</b> Commander North
<b>Constituent Units / NIMA:</b>	
j.	<b>Vice Admiral (Retd) Khalid Amin HI(M)</b> DG BUM&DC (Through Video Link)
k.	<b>Vice Admiral (Retd) Khawaja Ghazanfar Hussain HI(M)</b> DG BUKC (Through Video Link)
l.	<b>Vice Admiral (Retd) Abdul Aleem HI(M)</b> DG National Institute of Maritime Affairs (NIMA)
m.	<b>Rear Admiral (Retd) Naveed Ahmad Rizvi HI(M)</b> Pro-Rector (Admin) / DG Islamabad Campus
n.	<b>Cdr (Retd) Faisal Shabbir PN T Bt</b> Rep of Director BULC (Through Video Link)
r.	<b>Dr. Nawaz Ahmed</b> Financial Advisor (Planning) Rep of Secy Ministry of Finance
<b>Ministries/Universities:</b>	
p.	<b>Prof Dr Muhammad Qasim Jan HI</b> HEC Distinguished National Professor
q.	<b>Mr. Aamer Mehmood</b> S Joint Secretary - Financial Advisor (Planning) Rep of Secy Ministry of Finance

r.	<b>Mr. Nasim Haider</b> Dy Electronic Advisor Member Rep of Secy Ministry of Science & Technology
<b>Internal:</b>	
s.	<b>Vice Admiral (Retd) Kaleem Shaukat HI(M)</b> Rector, Bahria University
t.	<b>Rear Admiral (Retd) Nasir Mahmood HI(M)</b> Pro-Rector (RIC) Bahria University
u.	<b>Surg Rear Admiral (Retd) Najam-us-Saqib T Bt</b> Pro-Rector Health Sciences
v.	<b>Rear Admiral (Retd) Habib ur Rehman HI(M)</b> Pro-Rector (Academics) Bahria University
w.	<b>Cdre (Retd) Shafqat Azad SI(M) S Bt</b> Registrar/Secy BOG
x.	<b>Prof Dr Ambreen Usmani</b> Dean Faculty of Health Sciences (Through Video Link)
y.	<b>Prof Dr Atif Raza Jafri</b> Dean Faculty of Engineering Sciences
z.	<b>Associate Professor Dr Ali Imtiaz</b> Dean Faculty of Management Sciences
aa.	<b>Prof Dr Adam Saud</b> Dean Faculty of Humanities and Social Sciences
ab.	<b>Prof Dr Zainab Bhutto</b> Dean, Director & Principal IPP (Through Video Link)

## 16<sup>th</sup> Executive Committee Meeting

The 16th Executive Committee Meeting was held during the reporting period and chaired by Honorable Rector BU.

## Academic Council Meetings

Academic Council meeting is chaired by honorable Rector BU. Academic Council Meetings (ACM) held during the reporting period were as follows:

S.No.	ACM	DATE
1	2nd Online Academic Council Meeting	21st July 2020
2	35th Academic Council Meeting	22 & 23 July 2020
3	36th Academic Council Meeting	1-3 December 2020
4	37th Special Academic Council Meeting	24th February 2021
5	38th Academic Council Meeting	5th April 2021
6	39th (Special) Academic Council Meeting	7th June 2021





### Celebration of 21st Foundation Day Celebration at BUHS, Karachi Campus

The 21st Foundation Day of Bahria University was celebrated on 10th March 2021 at Bahria University Medical and Dental College. The flag hoisting and cake cutting ceremonies were conducted by the honorable Director General Vice Admiral (R) Khalid Amin HI (M), Dean and Principal Medical College, Principal Dental College and Vice Principals of MBBS, BDS and DPT sections. The faculty members of the college and administrative staff attended the momentous occasion.



## Bahria University Anniversary

Bahria University Karachi Campus, Student Support Centre organized Bahria University's 20th Anniversary on Monday, 8th February 2021 at 1000 hours at the main foyer - Quaid Block BUKC. The cake cutting ceremony was conducted by our honorable Director General, Vice Admiral Khawaja Ghazanfar Hussain HI (M) with Director Karachi Campus - Muzammil Hussain SI (M) SE, Director NCMPR - Ali Abbas HI (M), and Director IPP - Zainab Bhutto. Small refreshment arrangements were kept in an open area among BU employees while following all the COVID19 SOPs.







## Chapter 13

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# Health Care and Medical Facilities







## 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.

### Bahria University Health insurance coverage

Bahria University always takes special interest in the welfare of its employees and in the same spirit, health of personnel is one of its main priority. Bahria University is continuously contributing huge amount in healthcare premium over the years. In Both Years 2020 and 2021, the contracts of health insurance were awarded to M/s Jubilee General Insurance Company on basis of the satisfactory performance. The premium detail for the year 2020 and 2021 is reflected in attached graph.

The summary of registration figures (Employees, Spouses and Children) throughout the years 2020 and 2021 are as under. Furthermore, detail of lives is reflected in attached graph.

S. No	Year	Lives at the start of contract	Addition of lives	Deletion of lives	Total Amount paid to Company
a.	2020	6021	673	188	Rs.3,119,248
b.	2021	6497	815	244	Rs.4,016,499

The summary of Medical Claims reimbursement during the year 2020 and 2021 is appended below. Furthermore, detail of Medical Claims reimbursement is reflected in attached graph.

S. No	Year	No of Hospitalization Claims reimbursed	No of OPD Claims reimbursed	Total Amount Reimbursed
a.	2020	636	2886	60,805,833
b.	2021	854	3510	65,000,000 approx

### Summary of Death Claims:

S. No	Year	No of Deaths	Compensation amount to next kin
a.	2020	3	650,000
b.	2021	4	800,000

Additional treatment expenses which is also called gel cases requests are received from the BUHO Directorates and BU Campuses / employees who have availed their full entitlements / miscellaneous queries in their medical claims. As per the healthcare policy, additional limit benefit facility is on case to case basis with the approval of Honorable Rector BU. Summary of Gel Cases is appended below:

S. No	Year	No of Gel Cases Received	Total Gel Amount Reimbursed to BU Employees
a.	2020	79	1,900,000
b.	2021	110	3,000,000

Feedback has been obtained from all campuses / CUs regarding problem area / suggestions / recommendations on health insurance performance of M/s Jubilee General Insurance Company prior agreement. As per the feedback received, approx 95% employees were generally satisfied with the performance of M/s Jubilee General Insurance Company. Some issues were raised and the same were also resolved in the new contract of year 2022. Moreover, a comprehensive increase in the IPD/OPD limits was undertaken to benefit the employees. Detail is as under:

S. No	Problem Area	Benefits Description	Year 2021 limits	Increase for Year 2022	% increase
i.	Enhance room limit for category C	<b>Category C room limit</b>	6500	7500	15%
ii.	Increase Maternity / OPD and IPD limits	<b>Maternity</b>			
		Normal (Category C)	45,000	58500	30%
		C Section (Category C)	65,000	84500	30%
		Normal (Category B)	65,000	84500	30%
		C Section (Category B)	90,000	117000	30%
iii.		<b>OPD</b>			
		Single (Category C)	7500	10000	33%
		Married (Category C)	15000	17500	16%
		Single (Category B)	12000	15000	25%
		Married (Category B)	30000	35000	16%
iv.		<b>Hospitalization limit</b>			
		Category B	550,000		Every family member of employee has separate Hospitalization limit
		Category C	350,000		

#### Other plus points:

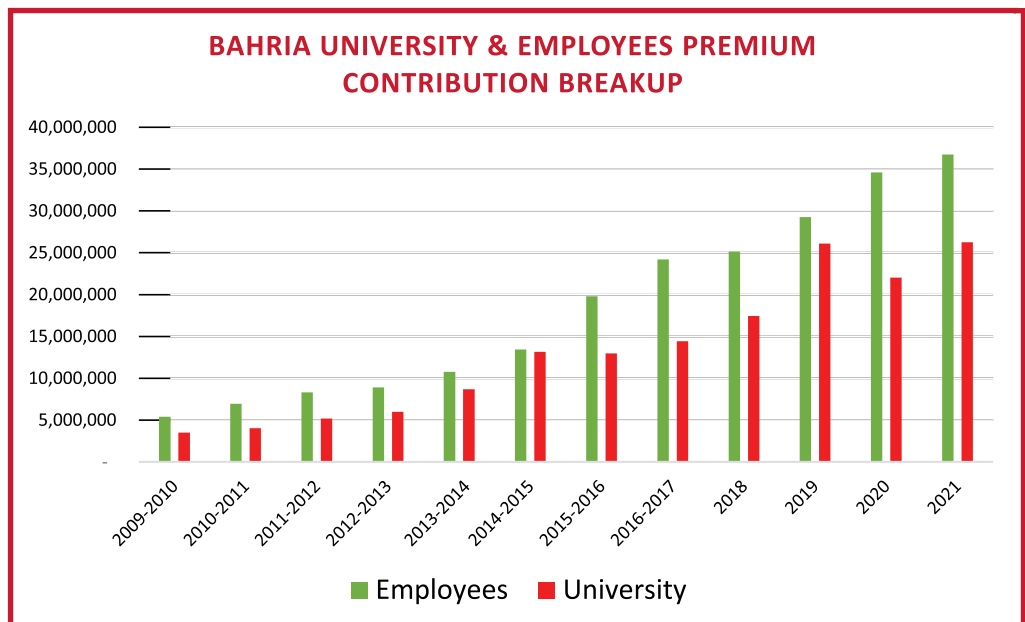
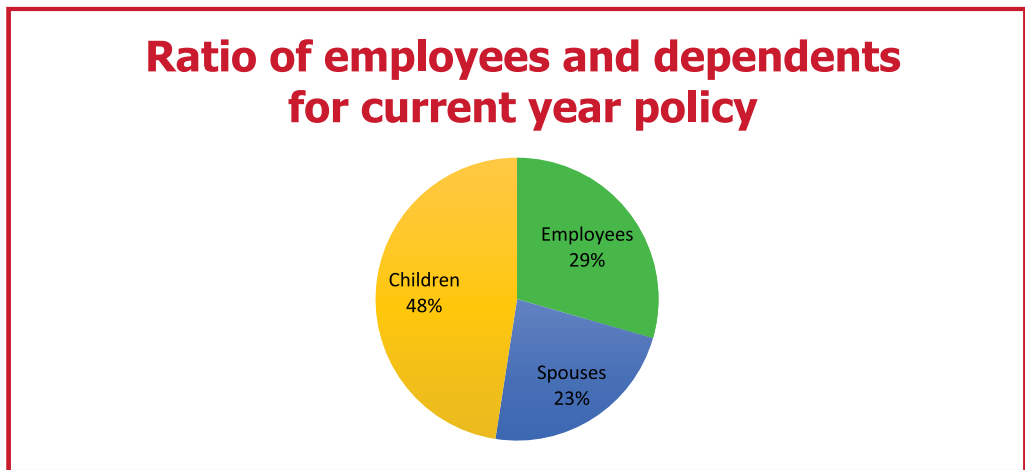
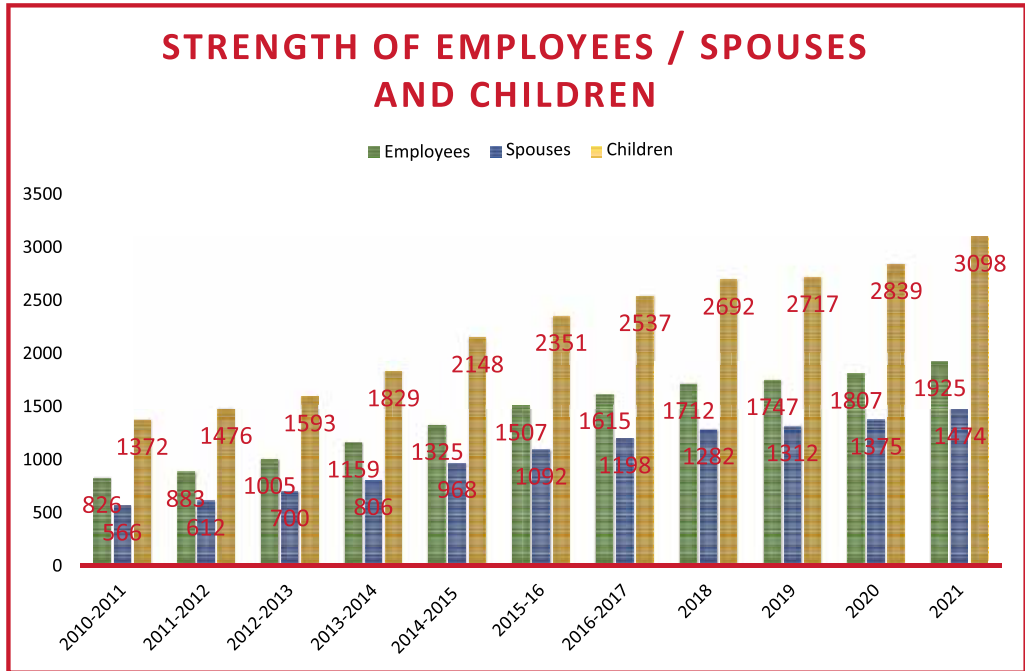
a. Increase in death compensation of employees is as under:

S. No	Category	Year 2021	Year 2022	Accidental Death
a.	B	200,000	520,000	1,040,000
b.	C	150,000	390,000	780,000

Coverage of daycare procedures and specialized investigation test under Hospitalization limit.

#### Health Insurance

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



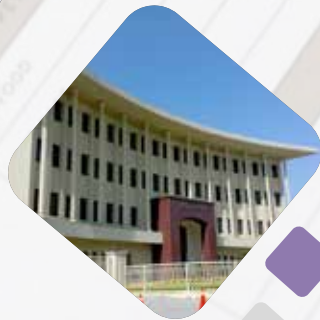




# Chapter 14

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## Budget & Finance





# MONTHLY BUDGET OVERVIEW

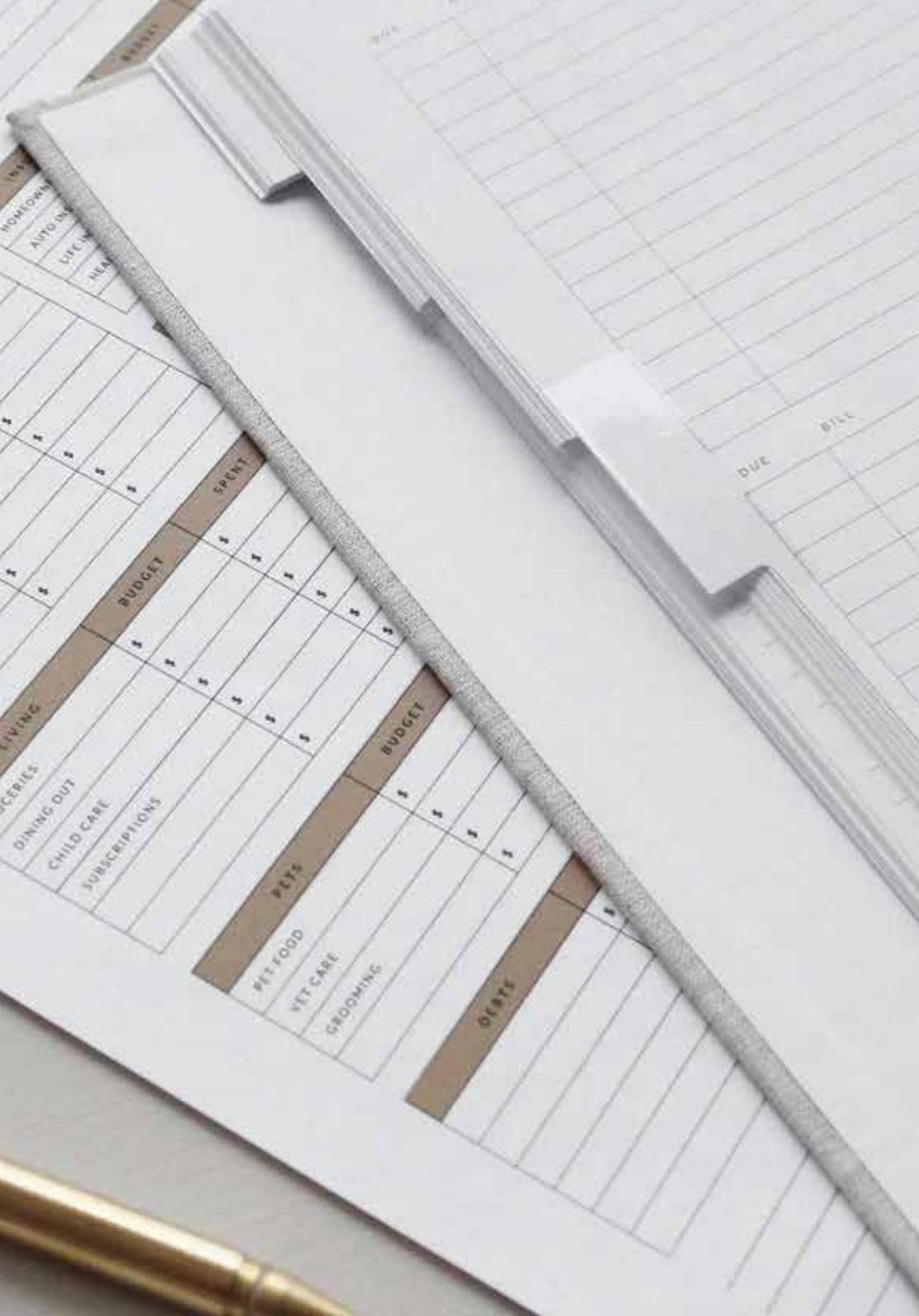
Category	Amount	Budget	Spent
<b>HOME</b>			
MORTGAGE / RENT	\$	\$	\$
GAS	\$	\$	\$
ELECTRIC	\$	\$	\$
CABLE	\$	\$	\$
WATER / SEWER	\$	\$	\$
INTERNET	\$	\$	\$
CELL-PHONE	\$	\$	\$
TRASH	\$	\$	\$
<b>LIVING</b>			
GROCERIES	\$	\$	\$
DINING OUT	\$	\$	\$
CHILD CARE	\$	\$	\$
SUBSCRIPTIONS	\$	\$	\$
<b>PETS</b>			
PET FOOD	\$	\$	\$
VET CARE	\$	\$	\$
GROOMING	\$	\$	\$
<b>DEBTS</b>			
	\$	\$	\$

INCOME

Category	Amount
WAGES	\$
RENTAL	\$
DIVIDENDS	\$
RETIREMENT	\$
INCOME TOTAL	\$

# FINANCE TRACKER

Date	Description	Due	Bill



## 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, 2021, Statement of Cash-flows for the year ended June 30, 2021, and Income and expenditure statement for the year ended June 30, 2021 are as follows:



**BAHRIA UNIVERSITY**  
**STATEMENT OF FINANCIAL POSITION**  
**AS AT 30 JUNE 2021**

	2021 Rupees	2020 Rupees
<b>ASSETS</b>		
<b>NON-CURRENT ASSETS</b>		
Property and equipment	5,183,060,411	4,073,230,228
Long term investment	-	-
Long term loans	13,688,884	1,887,472
Long term security deposits	23,491,582	20,798,302
	<u>5,220,240,877</u>	<u>4,095,916,002</u>
<b>CURRENT ASSETS</b>		
Current portion of long-term loans	8,000,000	4,113,322
Advances and other receivables	119,001,280	93,650,945
Short term investments	702,798,980	704,610,199
Cash and bank balances	1,141,327,561	841,809,381
	<u>1,971,127,821</u>	<u>1,644,183,847</u>
<b>TOTAL ASSETS</b>	<u><u>7,191,368,698</u></u>	<u><u>5,740,099,849</u></u>
<b>FUND AND LIABILITIES</b>		
<b>FUND</b>		
General fund	4,220,090,568	3,933,733,228
Endowment fund	-	-
Fair value reserve	-	-
Capital reserve	491,200,000	-
	<u>4,711,290,568</u>	<u>3,933,733,228</u>
<b>LIABILITIES</b>		
<b>NON-CURRENT LIABILITIES</b>		
Deferred grants	1,570,485,539	976,553,335
Students' security deposits	275,225,543	265,810,059
Due to related party	145,718,671	175,771,152
Employee benefit - gratuity	33,041,619	14,519,198
	<u>2,024,471,372</u>	<u>1,432,653,744</u>
<b>CURRENT LIABILITIES</b>		
Accrued and other payables	360,606,352	283,700,352
Current portion of non-current liabilities	95,000,406	90,012,525
	<u>455,606,758</u>	<u>373,712,877</u>
<b>TOTAL LIABILITIES</b>	<u>2,480,078,130</u>	<u>1,806,366,621</u>
<b>CONTINGENCIES AND COMMITMENTS</b>	-	-
<b>TOTAL EQUITY AND LIABILITIES</b>	<u><u>7,191,368,698</u></u>	<u><u>5,740,099,849</u></u>

<b>BAHRIA UNIVERSITY</b>		
<b>STATEMENT OF INCOME AND EXPENDITURE</b>		
<b>FOR THE YEAR ENDED 30 JUNE 2021</b>		
	<b>2021</b>	<b>2020</b>
	<b>Rupees</b>	<b>Restated Rupees</b>
<b>INCOME</b>		
Fee income	3,607,634,058	3,318,365,421
Amortization of deferred grants	314,559,402	134,715,129
Other income	207,187,193	337,346,859
	<u>4,129,380,653</u>	<u>3,790,427,409</u>
<b>EXPENDITURES</b>		
Salaries, wages and other benefits	2,560,452,569	2,330,870,730
Traveling expenses	9,534,779	14,860,944
Repair and maintenance	118,548,580	86,948,365
Workshops and conferences	8,255,518	11,278,905
Utilities and communication	160,027,657	151,442,137
Professional services	28,234,009	29,855,769
Donations	18,002,259	18,750,773
Student expenses	48,683,822	65,970,802
Entertainment	6,701,118	5,917,411
Newspaper and periodicals	9,159,850	2,122,284
Printing and stationery	32,522,580	32,718,395
Insurance	35,333,623	24,112,273
Petrol, oil and lubricant	23,607,707	6,421,624
Renewals, registration and licenses	16,660,700	9,324,492
Scholarships	180,841,206	101,088,335
Advertisement and publicity	10,552,927	5,816,682
Rent, rate and taxes	35,530,991	32,673,405
Examination expenses	16,775,195	19,721,960
Affiliation grant fee / Affiliated unit expense	68,347,507	38,351,193
Research and development	62,169,113	53,841,029
Depreciation	350,841,449	316,539,502
Gardening, cleaning and garbage expenses	3,258,275	4,394,244
Audit fee	345,000	249,000
Finance cost	20,861,972	1,544,102
Qarz-e-hasna written off	-	34,656,465
Miscellaneous	17,774,907	2,581,934
	<u>3,843,023,313</u>	<u>3,402,052,755</u>
<b>SURPLUS BEFORE TAXATION</b>	<b>286,357,340</b>	<b>388,374,654</b>
<b>TAXATION</b>	<b>-</b>	<b>-</b>
<b>SURPLUS AFTER TAXATION</b>	<b><u>286,357,340</u></b>	<b><u>388,374,654</u></b>

**BAHRIA UNIVERSITY**  
**STATEMENT OF CASH FLOWS**  
**FOR THE YEAR ENDED 30 JUNE 2021**

	2021	2020
	Rupees	Restated Rupees
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Surplus for the year	286,357,340	388,374,654
<b>Adjustments for non-cash charges and other items:</b>		
Amortization of deferred grants	(314,559,402)	(134,715,129)
Depreciation	350,841,449	316,539,502
Gain on disposal of property and equipment	-	(6,911,804)
Profit on saving accounts	(40,418,500)	(59,598,681)
Return on term deposit receipts	(38,734,494)	(76,377,822)
Effect of discounting	-	(75,392,313)
Provision for gratuity	26,121,875	10,701,159
Finance cost	20,861,972	1,544,102
<b>Cash flows from operating activities before working capital changes</b>	<u>290,470,240</u>	<u>364,163,668</u>
<b>Working capital changes</b>		
(Increase) / decrease in advances and other receivables	(25,350,335)	4,536,253
Increase in accrued and other payables	76,906,000	80,240,170
<b>Cash generated from operations</b>	<u>342,025,905</u>	<u>448,940,091</u>
Long term security deposits	(2,693,280)	(10,806,892)
Due to related party	(50,000,000)	250,000,000
Gratuity paid	(7,599,454)	(2,037,021)
Finance cost paid	(914,453)	(380,637)
<b>Net cash generated from operating activities</b>	<u>280,818,718</u>	<u>685,715,541</u>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Capital expenditure on property and equipment	(1,460,671,632)	(1,405,777,384)
Proceeds from sale of property and equipment	-	15,096,835
Profit on bank deposits received	40,418,500	59,598,681
Return on term deposit receipts	38,734,494	76,377,822
Short term investments made	1,811,219	236,789,801
Long term investment encashed	-	10,000,000
Students' security deposits	14,403,365	76,446,073
<b>Net cash used in investing activities</b>	<u>(1,365,304,054)</u>	<u>(931,468,172)</u>
<b>CASH FLOWS FROM FINANCING ACTIVITIES</b>		
Grants received	1,399,691,606	504,860,464
Transfer of net assets to Bahria University Endowment Fund Trust	-	(73,525,080)
Long term loans	(15,688,090)	(6,000,794)
<b>Net cash from financing activities</b>	<u>1,384,003,516</u>	<u>425,334,590</u>
<b>Net increase in cash and cash equivalents during the year</b>	<u>299,518,180</u>	<u>179,581,959</u>
<b>Cash and cash equivalents at the beginning of the year</b>	<u>841,809,381</u>	<u>662,227,422</u>
<b>Cash and cash equivalents at the end of the year</b>	<u><u>1,141,327,561</u></u>	<u><u>841,809,381</u></u>



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