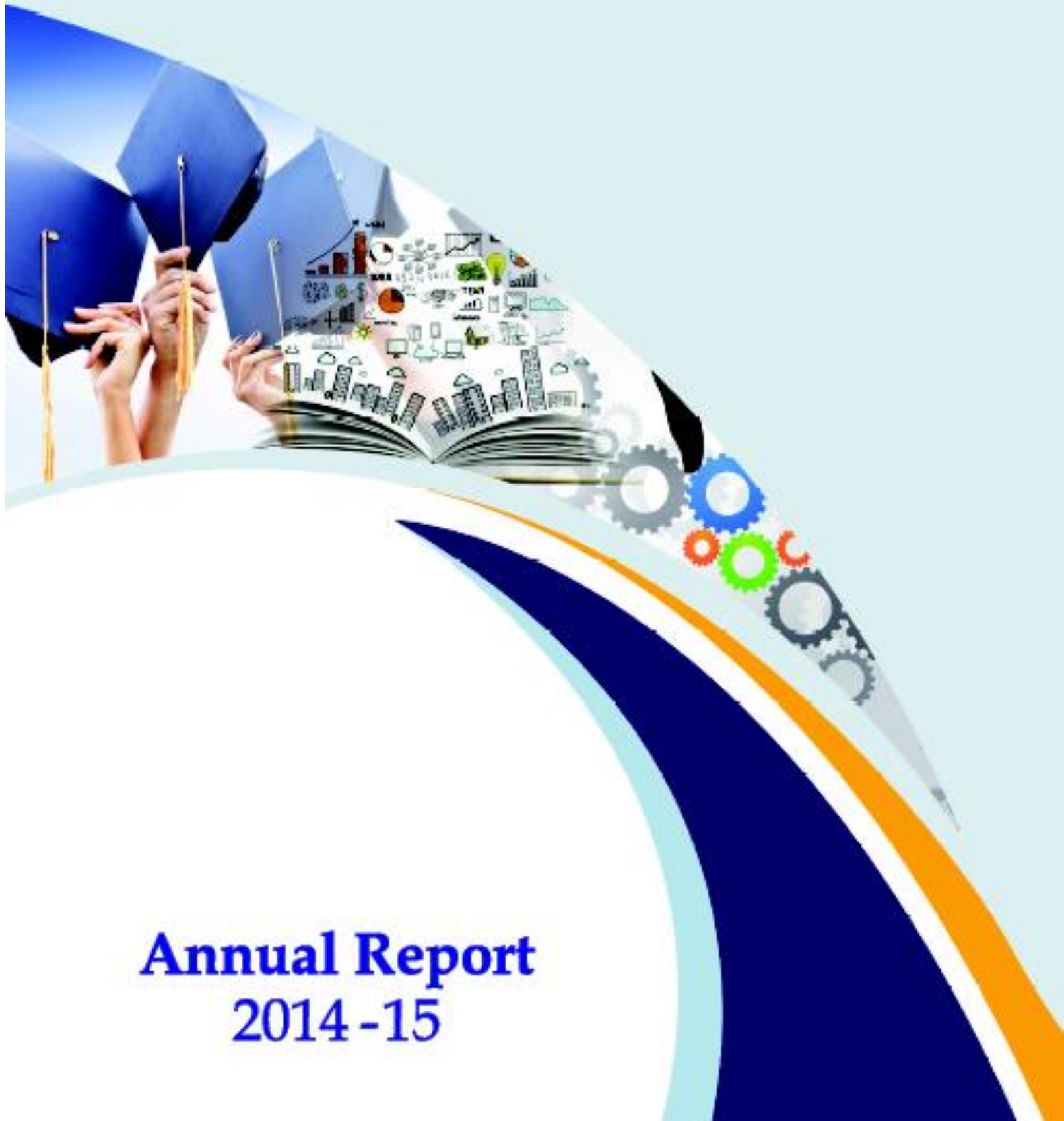


# BAHRIA UNIVERSITY

Discovering Knowledge



## Annual Report 2014 -15



**Discovering Knowledge**

# **Bahria University**

**ANNUAL REPORT 2014-15**

Directorate of Quality Assurance  
Bahria University  
Shangrilla Road, Sector E-8, Islamabad - Pakistan  
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**ACRONYMS**

ACM	Association of Computing Machinery
ACU	Association of Commonwealth Universities
APGA	All Pakistan Geoscientists Association
APQN	Asia Pacific Quality Network
AQAIIW	Association of Quality Assurance Agencies of the Islamic World
AT	Assessment Team
BJPP	Bahria Journal of Professional Psychology
BSHR	Bahria Society of Human Resource
BU	Bahria University
BUHQ	Bahria University Headquarters
BUIC	Bahria University Islamabad Campus
BUJICT	Bahria University Journal of Information & Communication Technologies
BUKC	Bahria University Karachi Campus
BULC	Bahria University Lahore Campus
BUM&DC	Bahria University Medical & Dental College
CAC	Corporate Advisory Committees
CDA	Capital Development Authority
CEL	Centre for Entrepreneurship & Leadership
CME	Community Medical Education
CNS	Chief of Naval Staff
CPC	Clinical Pathological Conference
CPR	Cardiopulmonary Resuscitation
CSP	Community Support Program
CTA	CDA Training Academy
CTE	College of Teacher Education
DBOS	Departmental Board of Studies
DFID	Department of International Development
DGDL	Digital Geophysical Data Labs
EESINT	Electrical Engineering Solutions International
FBAO	Foreign Body Airway Obstruction
FBOS	Faculty Board of Studies
FDRC	Faculty Departmental Research Committees
GMJACS	Global Management Journal for Academic & Corporate Studies
GPS	Global Positioning System
GSM	Global System for Mobile communication
HEC	Higher Education Commission
HEI	Higher Education Institutes
HERC	Higher Education and Research Committee
HNMUNC	Harvard national Model United Nations Conference
IAU	International Association of Universities
ICT R&D	Information and Communication Technologies Research and Development

IFPRI	International Food Policy Research Institute
INQAAHE	The International Network for Quality Assurance Agencies in Higher Education
IOT	Indigenous on Campus Training
IPP	Institute of Professional Psychology
ITP	Islamabad Traffic Police
JBUMS	Journal of Bahria University Medical Sciences
JLSP	Journal of Law and Social Policy
KEF	Kashmir Education Foundation
LEAD	Leadership for Environment and Development
MIC	Microsoft Innovation Centre
MSP	Microsoft Student Partners
NASCON	National Solution Conventions
NBEAC	National Business Education Accreditation Council
NCEAC	National Computing Education Accreditation Council
NCMPR	National Centre for Maritime Policy Research
NMAC	National Mobile Apps Competition
NRPU	National Research Program for Universities
ORIC	Office of Research, Innovation & Commercialization
PAP	Population Association Pakistan
PBC	Pakistan Bar Council
PCTN	Pakistan Chapter of Talloires Network
PEC	Pakistan Engineering Council
PEEF	Punjab Education Endowment Fund
PERN	Pakistan Education and Research Network
PIE	Pakistan Institute of Entrepreneurship
PLC	Programmable Logic Controllers
PM&DC	Pakistan Medical and Dental Council
PMNICTSP	Prime Minister National ICT Scholarship Program
PPL	Pakistan Petroleum Limited
PSSP	Pakistan Strategy Support Program
PT	Program Team
QA	Quality Assurance
QAA	Quality Assurance Agency
QEC	Quality Enhancement Cell
RUBGC	Role of Universities in Building Global Citizens
SAR	Self-Assessment Report
TDCP	Tourism Development Corporation of Punjab
TESP	Tertiary Education Support Program
USEFP	United States Educational Foundation of Pakistan

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## **Rector's Message**

It gives me immense pleasure to reflect upon the significant progress made by Bahria University through its Annual Report. The report aims to highlight some of the major achievements of Bahria University in the areas of education, research, training and social development during the year 2014-2015.

Bahria University continues to grow and diversify; pursuing the vision of being internationally recognized and grooming students that can serve as responsible individuals of the society. This is being achieved through improvement in the academic and research policies and facilities; enabling strong presence in three of the largest cities in Pakistan, with an ever-growing student community, and a wide variety of disciplines. The functioning of Bahria University Lahore Campus, improvement of class rooms, up-gradation of various lab, enhancement of computer/IT facilities are a few steps towards meeting the growing needs students.

A major review of academic program and processes has resulted in number of measures to improve academic quality and standards. Further enhancement in research is being focused through induction of PhD faculty, up gradation of labs, dedicated PG Directorate, review of rules/regulation and incentives to faculty members for higher education.

The university has also an efficient office for research, innovation and commercialization (ORIC). Apart from arranging seminars and international conferences, ORIC have also undertaken the development of Business Incubation center. Number of short courses have been launched for skill development of professionals and students.

Bahria University, through its strong community support program, stands not just an emblem of quality education but also of compassion. To extend a helping hand to the society, Bahria University is working in collaboration with various non-profit and government organizations and this network continues to grow.

The progress made by Bahria University gives me confidence that its efforts will contribute in nurturing a well-trained and socially conscious generation of future leaders. In conclusion, I would like to thank the Honorable Chairman & members of Board of Governors, members of Academic Council & Higher Education & Research Committee for their continuous support/guidance and contribution in transforming BU into a dynamic and progressive organization that is committed to excellence in higher education.



**Vice Admiral (R) Tanveer Faiz HI (M)**

## **Executive Summary**

Bahria University since its inception in 2000 has transformed into one of the premier institutions of national and international recognition through imparting quality education in the disciplines of Engineering, Medicine, IT, Management and Social Sciences. I am pleased to highlight that university has leaped forward in academics by improving quality of teaching, learning and research. This report encompasses these academic activities by enumerating undergraduate and postgraduate programs, campus-wise & discipline-wise strength of faculty & students during reporting period. Brief description details regarding graduating students, achievements of faculty, students and convocations held during last one year are also encompassed in this report.

The university has strengthened research by enhancing academia-industry linkages, collaboration with international research organizations and peer institutions during year 2014-15. During the period under review, we were able to create and implement a framework for promotion of research, innovation and entrepreneurship. In Research and Development activities like research publications, research projects, conferences, workshops & seminars have been included in the report. Some of the major conferences / seminars / symposia include; International Conference on Role of Universities in Building Global Citizen at Islamabad, 6th International Maritime Conference at NCMPR, Karachi, The 3rd International Conference on Emerging Trends in Prosthodontics at Islamabad, 17th International IEEE Multi Topic Conference at Karachi Campus, National Conference on Role on Private Sector in Socio-Economic Development of Pakistan at Karachi Campus and 15th Annual PAP Conference on Fifty Years of Pakistan's Population Program: Setting Strategic Priorities Program Direction for Vision 2025 at Islamabad.

Bahria University is stringently mirroring national Quality Assurance Codes based on HEC's QAA guidance in formulating academic procedures including programme design, teaching & learning, student engagement, assessment, external examination and research. In order to ensure adherence to national standards BU academic programmes are regularly assessed through internal and external periodic reviews. The report provides information about procedures and corrective actions and enhanced initiatives adopted in ensuring quality of education, research and accreditation process in the university. The Quality Assurance Directorate (Quality Enhancement Cell) of BU has retained its position in the highest category 'W' (with 94% marks) in 2014 by Quality Assurance Agency (QAA) of HEC.

BU is continuously striving for quality enhancement of its programmes through increasing International linkages, strengthening foreign collaboration & global image. Up till now about 30 MoUs have been signed between BU and foreign universities worldwide. During last one year, MoUs regarding exchange of students & faculty have been finalized with the Yasar University Turkey, York St. John University, UK. BU International Office conducted guest lectures of distinguished academicians from foreign international universities for the purpose of training and hosted delegations from 17 different UK Universities at Bahria University Islamabad in collaboration with British Council.

During last year eighty seven Faculty Development Programmes have been conducted at various campuses for the faculty and administrative staff of BU. Senior Management of BU and faculty also participated in international faculty development events at Harvard Business School, Durham and Bedfordshire University of UK, Yasar University, Turkey, and Griffith & Macquarie Universities of Australia.

University is offering Advance Merit Scholarship, Financial Assistance and Indigent Scholarship to the deserving students from its own resources. For the current Fiscal Year 2014-15, Bahria University so far has disbursed scholarships to 1440 students through an allocated budget of Rs. 29 Million.

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. Career Expo 2015 was organized in which 70 leading companies from Telecom, FMCG, Services, Manufacturing, NGOs, Banking Sector and other top ranked business organizations were invited to conduct their recruitment drive. These business organizations include Shell, Mari Petroleum, Nestle, Telenor, Nayatel, SNL Financials and National Foods Ltd, Beaconhouse School, MCB, Askari Bank, PTCL and Bahria Town etc.

The community support initiatives launched in collaboration with numerous organization including Pakistan Sweet Homes, All Pakistan Geo-Scientists Association, Rozan, DFID, British Council, Civitan International, Pakistan Navy M.A Rangoonwala Special Children School, PNS Shifa, Rescue 1122 and Tourism Development Corporation of Punjab etc. Number of awareness workshops were organized including Acceptance & Commitment Therapy and Employee Assistance Program for Employees of Emirates Airline etc.

Bahria University plans for improvement, and commitment to bring constructive change in students' behavior and personality. Under the auspices of SRC (Student Resource Centre) formed various clubs and societies have been formed to engage students in different co-curricular and extracurricular activities.

Aqeel Akhtar  
Director Quality Assurance

## About The University

Bahria University (BU) was established by the Pakistan Navy through a Presidential Ordinance on 7 February 2000. During a relatively short span of time the University has earned a reputation as one of the most prestigious institutions of the country. It is a multi-campus, multi-disciplinary university having enrollment of more than 12,000 students at both the undergraduate and postgraduate level. The university offers exceptional educational experience by putting together the most modern state-of-the-art facilities with teaching and training aids, installed in spacious lecture halls with highly qualified and experienced faculty. It has well-stocked library resources, Student Resource Center with dedicated internship and placement office, a perfect student to faculty ratio, medical cover to students, staff and faculty, secure and disciplined academic environment and availability of merit / need based scholarships. Moreover, 2% seats are reserved for deserving disabled students.





## Constituent Institutions

**BAHRIA UNIVERSITY**  
**Islamabad Campus,**  
**ISLAMABAD**

**BAHRIA UNIVERSITY**  
**Karachi Campus,**  
**KARACHI**

**BAHRIA UNIVERSITY**  
**Medical & Dental College,**  
**KARACHI**

**BAHRIA UNIVERSITY**  
**Institute of Professional**  
**Psychology, KARACHI**

**BAHRIA UNIVERSITY**  
**National Center for**  
**Maritime Policy Research,**  
**KARACHI**

**BAHRIA UNIVERSITY**  
**Lahore Campus,**  
**LAHORE**

## Affiliated Institutions

**Yusra**  
**Medical &**  
**Dental**  
**College,**  
**ISLAMABAD**

**Frontier**  
**Medical &**  
**Dental**  
**College,**  
**ABBOTTABAD**

**College of**  
**Teachers**  
**Education,**  
**RAWALPINDI**

**Rawal**  
**Institute of**  
**Health**  
**Sciences,**  
**ISLAMABAD**

**Islamabad**  
**Medical &**  
**Dental**  
**College,**  
**ISLAMABAD**



## 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 & Criteria”.



## OBJECTIVES

In pursuing this Mission the University has following objectives:

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



## Strategic Plan

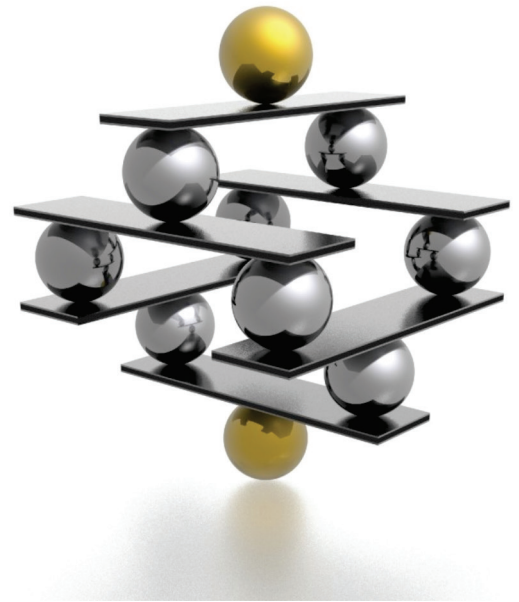
Promotion of research culture in line with the emerging trends by the induction of more Ph.D. Faculty, up gradation of PG labs, introduction of new PG programs.

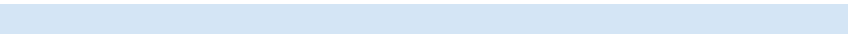
Bahria University is establishing National Centre for Maritime Studies with its departments at Islamabad and Karachi to strengthen education in Maritime studies, Marine Sciences and Marine Engineering and promoting Maritime Policy Research.

The establishment of a dedicated campus for Engineering Sciences at Sector H-11/4 Islamabad is being pursued. The Campus will offer core engineering disciplines and maritime studies. The master plan and design has already been approved. The project is scheduled to complete within four years from its commencement.

Keeping in view emerging market trends, new departments and programs will be introduced in existing campus with the shifting of Engineering Programmes to the H-11 Campus.

Development of Centers of Excellence in Pure & Applied Sciences, Engineering, Health Sciences, Social Sciences, Law, Business Management Sciences leading to advanced Scientific and Technological education and Research.







## CHAPTER - ONE Academic Activities

BU Annual Report 2014-15





# 1 – Academic Activities

## Academic Programs

Bahria University offered the following Undergraduate, Postgraduate and Ph.D. Programmes at its different campuses during 2014-2015

Department of Management Sciences			
(Islamabad, Lahore & Karachi Campus)			
Undergraduate		Campus	Duration
BBA	Business Administration	Islamabad, Karachi, Lahore	4 Years
BS (Accounting & Finance)		Islamabad, Karachi	4 Years
Post Graduate			
MBA	Business Administration	Islamabad, Karachi, Lahore	3½ Years
MBA	Business Administration	Islamabad, Karachi, Lahore	2 years
MBA	Business Administration	Islamabad	1½ Year
MBA	Logistics & Maritime Management (Weekend)	Karachi/NCMPR	3½ Years
MBA	Logistics & Maritime Management	Karachi/NCMPR	2 years
EMBA	Logistics & Port Management	Karachi/NCMPR	2 years
MBA	Logistics & Maritime Management	Karachi/NCMPR	1.5 years
MBA	Pharmaceutical Business Management	Karachi	2½ Years
MPM	Master in Project Management	Islamabad, Karachi, Lahore	1½ Year
MS	Finance	Islamabad & Karachi	1½ Year
M.Phil.	Management Sciences	Islamabad & Karachi	2 Year
Ph.D.			
Ph.D.	Management Sciences	Islamabad & Karachi	3-5 Years
PGD & Certificate			
PGD	Logistics & Port Management	Karachi/NCMPR	1 year
Certificate	Certificate Courses in Maritime	Karachi/NCMPR	04 Months

Department of Computer Science			
(Islamabad, Lahore & Karachi Campus)			
Undergraduate		Campus	Duration
BS	Computer Science	Islamabad, Karachi, Lahore	4 Years
BS	Information Technology	Islamabad, Karachi, Lahore	4 Years
Post Graduate			
MS	Computer Science	Islamabad, Karachi	2 Years
MS	Telecom & Network	Islamabad, Karachi	2 Years
Ph.D.			
Ph.D.	Computer Science	Islamabad, Karachi	3-5 Years

Department of Computer Engineering			
(Islamabad & Karachi Campus)			
Undergraduate Program		Campus	Duration
BS	Computer Engineering	Islamabad & Karachi	4 Years
Post Graduate			
MS	Computer Engineering	Islamabad & Karachi	2 Years
Ph.D.			
Ph.D.	Computer Engineering	Islamabad	3-5 Years

Department of Electrical Engineering			
(Islamabad & Karachi Campuses)			
Undergraduate		Campus	Duration
BEE	Electronics/Telecommunication	Islamabad & Karachi	4 Years
Post Graduate			
MS	Electrical Engineering	Islamabad & Karachi	2 Years
Ph.D.			
Ph.D.	Electrical Engineering	Islamabad & Karachi	3-5 Years

Department of Software Engineering			
(Islamabad & Karachi Campus)			
Undergraduate Program		Campus	Duration
BS	Computer Engineering	Islamabad & Karachi	4 Years
BS	Software Engineering	Islamabad & Karachi	4 Years
Post Graduate			
MS	Software Engineering	Islamabad & Karachi	2 Years
Ph.D.			
Ph.D.	Software Engineering	Islamabad	3-5 Years

Department of Earth & Environmental Sciences			
(Islamabad & Karachi Campus)			
Undergraduate Program		Campus	Duration
BS	Geology	Islamabad & Karachi	4 Years
BS	Geophysics	Islamabad & Karachi	4 Years
BS	Environmental Sciences	Islamabad & Karachi	4 Years
Post Graduate			
MS	Geology	Islamabad	2 Years
MS	Geophysics	Islamabad & Karachi	2 Years
MS	Environmental Sciences	Islamabad & Karachi	2 Years
MS	Environmental Policy & Management	Islamabad	2 Years
Ph.D.			
Ph.D.	Environmental Sciences	Karachi	3-5 Years

Department of Humanities & Social Sciences			
(Islamabad & Karachi Campus)			
Undergraduate		Campus	Duration
BS	Social Sciences	Islamabad/Karachi	4 Years
Post Graduate			
MS	Anthropology & Sociology	Islamabad	2 Year

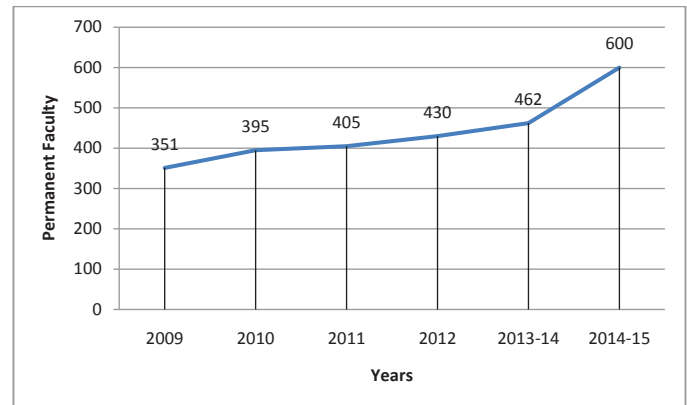
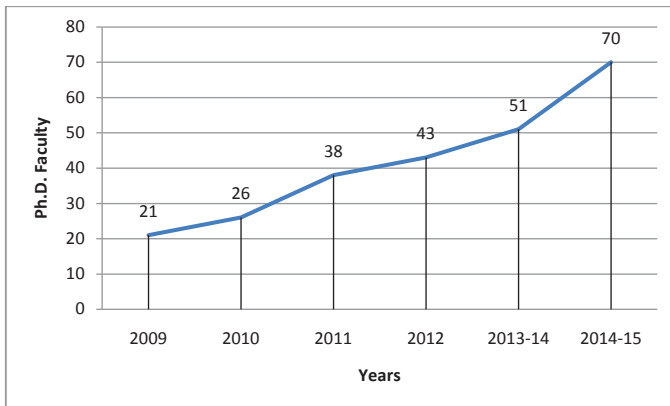
Department of Law			
(Islamabad Campus)			
Undergraduate		Campus	Duration
LLB	Law	Islamabad	5 Years
Diploma			
Diploma	Human Rights Law	Islamabad	2 Months

Institute of Professional Psychology			
(Karachi & Islamabad* Campus )			
Undergraduate		Campus	Duration
BS	Psychology	IPP Karachi	4 Years
Post Graduate			
PMD	Post Magisterial Diploma	IPP Karachi	1 Year
MS / M.Phil.	Clinical Psychology	IPP Karachi	2 Years
MS / M.Phil.	Educational Psychology	IPP Karachi	2 Years
MS / M.Phil.	Organizational Psychology	IPP Karachi	2 Years
MS	Clinical Psychology	Islamabad*	2 Years
Ph.D.			
Ph.D.	Professional Psychology	IPP Karachi	3-5 Years

Medical & Dental College			
(Karachi Campus)			
Undergraduate		Campus	Duration
BDS	Dental	BUMDC Karachi	4 Years
MBBS	Medical	BUMDC Karachi	4 Years

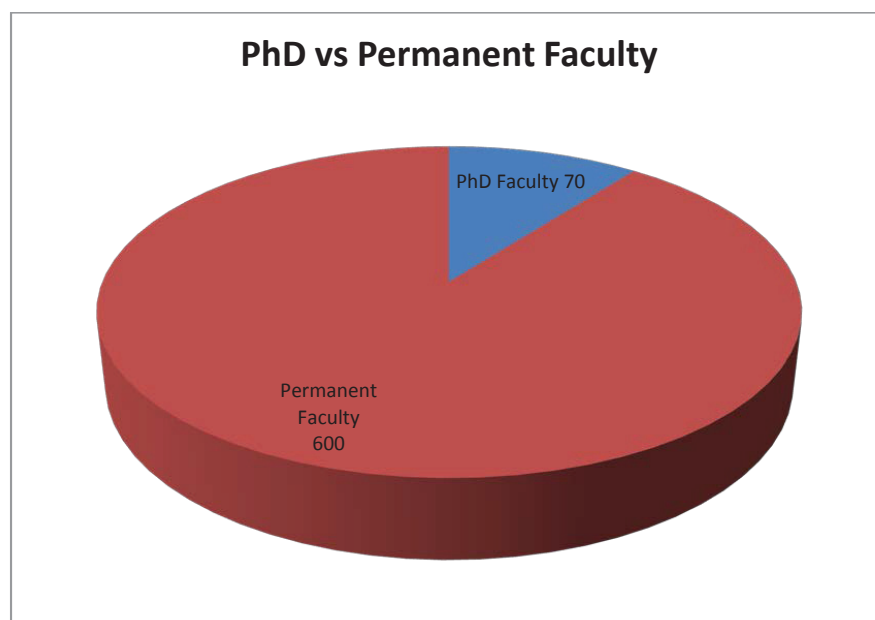
## Faculty

Year	Ph.D. Faculty Strength	Permanent Faculty Strength
2009	21	351
2010	26	395
2011	38	405
2012	43	430
2013-14	51	462
2014-15	70	600



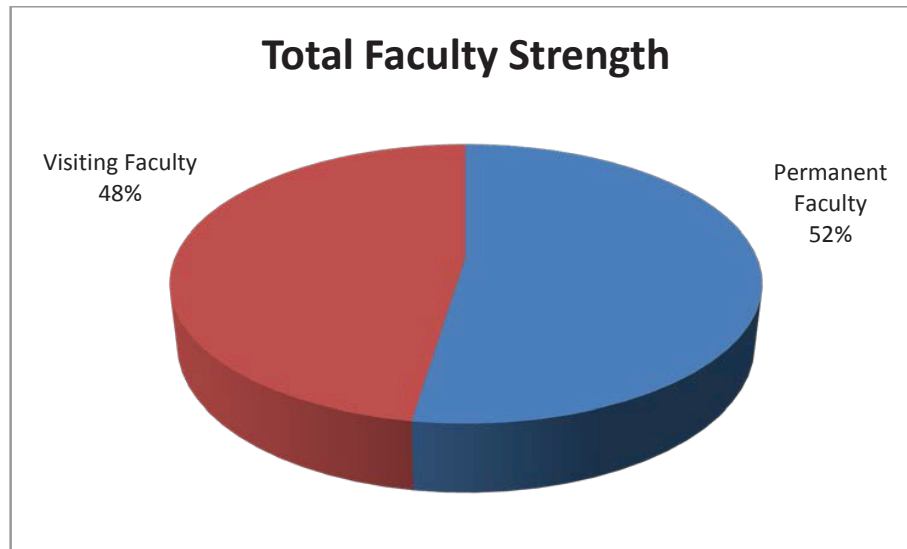
## Ph.D and Permanent Faculty

Year	PhD Faculty	Permanent Faculty
2014 -15	70	600



## Total Faculty Strength

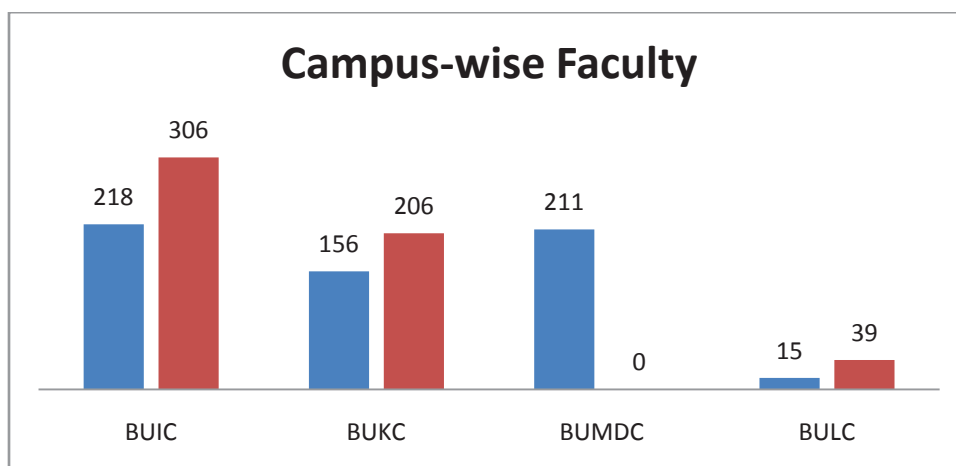
Permanent Faculty	600
Visiting Faculty	545



## Campus wise Faculty

Campus	Regular Faculty	Visiting Faculty
Islamabad Campus	218	306
Karachi Campus	156	206
BUMDC, Karachi	211	-
Lahore Campus	15	39

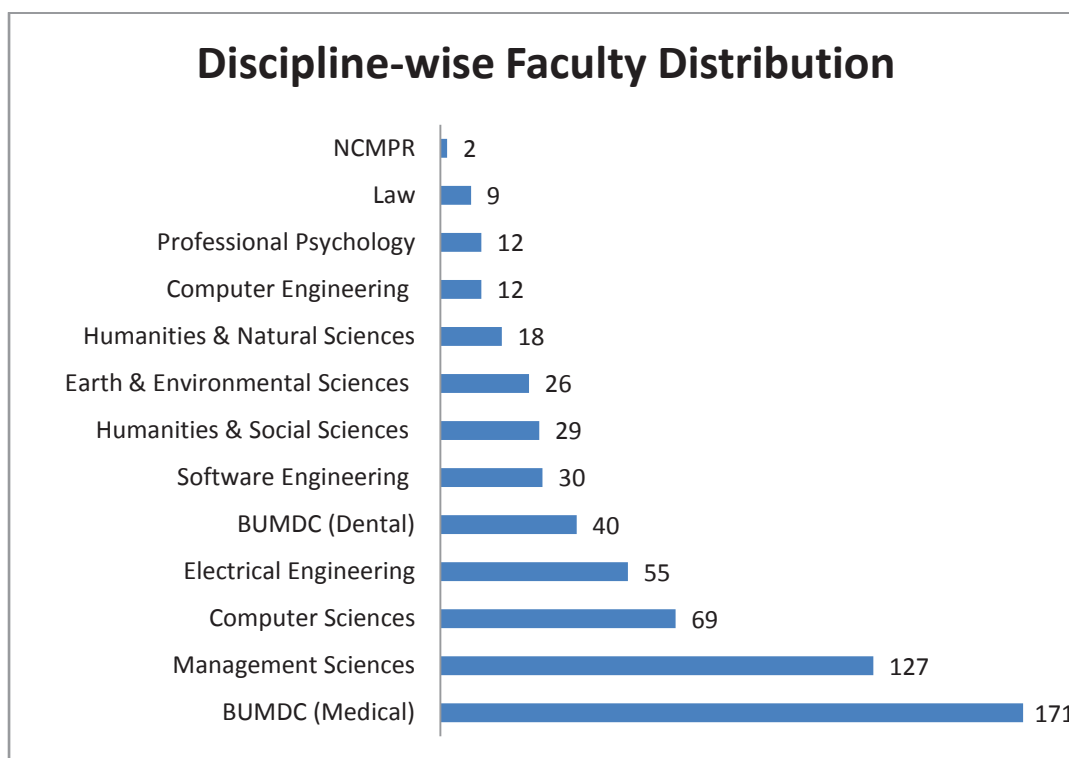
\*Karachi Campus = BUKC,IPP& NCMPR Karachi





## Discipline wise distribution

Discipline	Faculty
BUMDC (Medical)	171
BUMDC (Dental)	40
Management Sciences	127
Computer Sciences	69
Electrical Engineering	55
Software Engineering	30
Humanities & Social Sciences	29
Earth & Environmental Sciences	26
Humanities & Natural Sciences	18
Computer Engineering	12
Professional Psychology	12
Law	9
NCMPR	2
<b>Total</b>	<b>600</b>

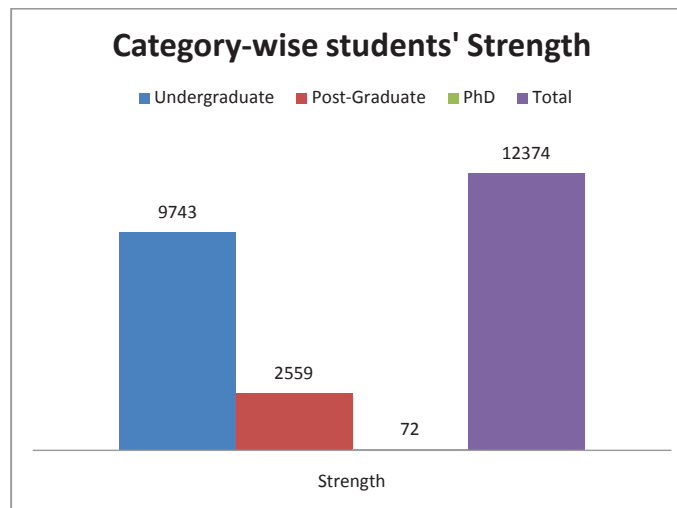


## STUDENTS

### Category-wise Strength

The present total strength and expected strength of students in 2016 are as under:

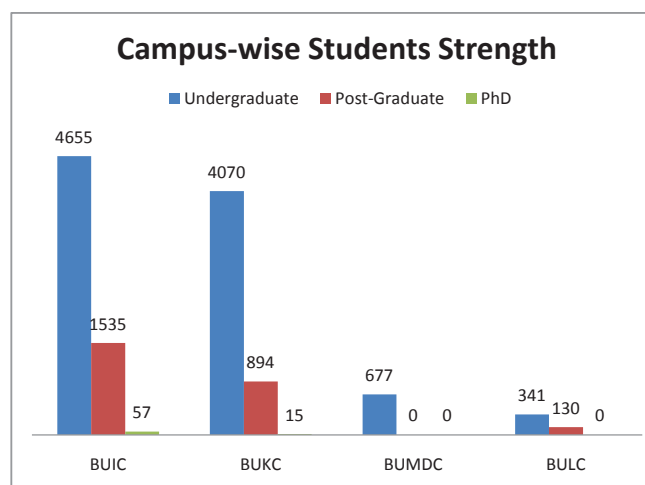
Category	Present Strength 2014-15	By 2016
Undergraduate	9743	10720
MS / M Phil	2559	2815
Ph. D.	72	80
Total	12374	13615



### Campus-wise students' Strength

Level	BUIC	BUKC	BUMDC	BULC
Undergraduate	4655	4070	677	341
Post-Graduate	1535	894	0	130
PhD	57	15	0	0

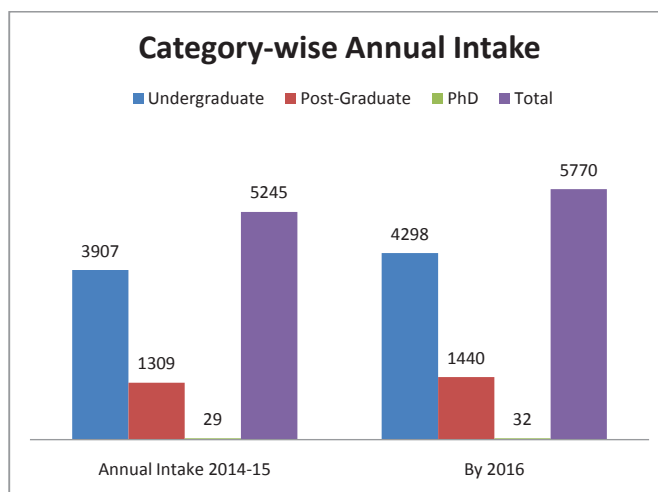
BUKC = Karachi Campus+ IPP + NCMPR



## Category-Wise Annual Intake

The present student annual Intake and expected intake in 2016 are given below:

Category	Annual Intake 2014-15	By 2016
Undergraduate	3907	4298
MS / M Phil	1309	1440
Ph. D.	29	32
<b>Total</b>	<b>5245</b>	<b>5770</b>

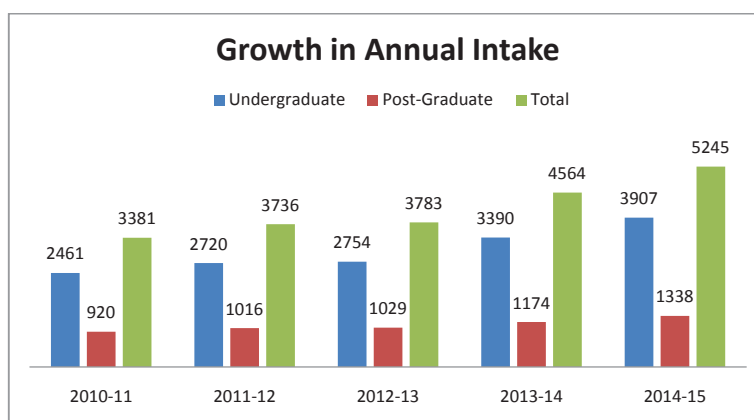


## Growth in last 5 years

Bahria University annual intake of students has been remarkably increased to 35% since 2010 due to gradual introduction of new programs and inception of a new Campus at Lahore. Similarly there is a proportional increase in graduate and post graduate level annually. The steady pace enables Bahria University to reach the students intake of about 5770 by including all programs by the year 2016 in line with vision of the University.

The annual student intake for the last five years is as under:

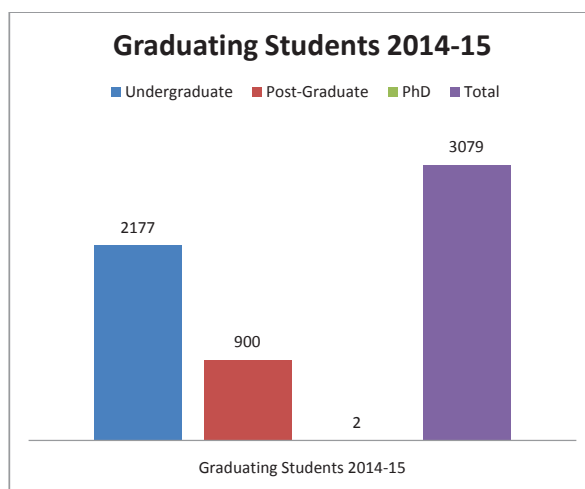
Category \ Year	2010-11	2011-12	2012-13	2013-14	2014-15
Undergraduate	2461	2720	2754	3390	3907
Post-Graduate	920	1016	1029	1174	1338
<b>Total</b>	<b>3381</b>	<b>3736</b>	<b>3783</b>	<b>4564</b>	<b>5245</b>



## Academic Achievements

During 2014-15, total number of 3079 students completed their degrees in various undergraduate & postgraduate programmes offered by BU. Details are as under:

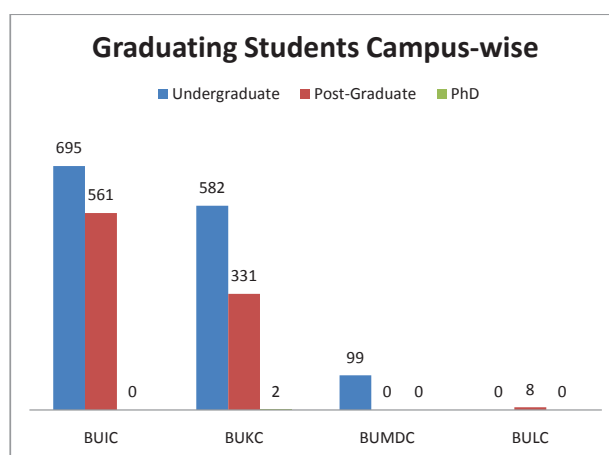
Degree Program	Graduating 2014-15
Undergraduate	2177
MS / M. Phil	900
Ph. D	2
Total	3079



## Graduating Students

Level	BUIC	BUKC	BUMDC	BULC
Undergraduate	695	582	99	0
Post-Graduate	561	331	0	8
PhD	0	2	0	0

BUKC = Karachi Campus + IPP + NCMPR



## Honors and Awards

### Students

#### Microsoft Hires Rahber Ashraf

Rahber Ashraf, a graduate from Bahria University Islamabad has reached the pinnacle of success at such a young age with his hard work and determination. He joined Microsoft Student Partner group, as a representative of Bahria University. The MSP Program is active in over 80 countries around the world. MSPs represent their geographical region and their local campus as Microsoft technology experts. During this program, he showed his skills and passion for embracing new technologies and turned out to be a true professional. Not only he delivered quality technical sessions within Bahria University but also assisted other universities in Islamabad. After graduation, Rahber was given an opportunity to be a part of Microsoft Internship Program. He was assigned different tasks from streamlining the business requirements, building sound applications, delivering technical training sessions and conducting internship programs at Microsoft. Working as an intern, Rahber worked with more than 60 students and produced 27 applications through this collaboration. Some of the applications had 50,000+ downloads. Due to his potential and brilliant performance during his nine months internship at Microsoft, Rahber was hired as a permanent Microsoft employee in July 2014. He is currently working with Microsoft Turkey, for a month-long training program. His current skill set includes XAML, C#, .NET, SQL Server, Office 365, Windows Azure, Kinect along with HTML5 and Javascript.



#### BU Student wins Young Scientist Grant

Mr Ghufuran Bulbul Rono, a student of MS Earth and Environmental Sciences, Bahria University Islamabad Campus presented his research paper in 13th IGAC Science International Conference, 22-26 September 2014, held in the city of Natal, Brazil. The theme of the conference was, "Changing Chemistry in a Changing World". Only 50 young scientists attended



the conference from across the world. Mr Ghufuran was the only Pakistani student awarded with travel grant to attend this young scientists' gathering.

#### Best Student Researcher Award 2014

- Mr. Sohail Jabbar, PhD Scholar, Department of Computer Science, BUIC received Best Student Researcher Award 2014 from Honorable Rector Bahria University.
- Ms. Zaynah Khan, student of BS Professional Psychology, IPP, BUKC received Best Student Researcher Award 2014 from Honorable Rector Bahria University.

#### Rabia Irshad, BS Student of Computer Science

Students of Computer Science, BUKC participated in 10 Pearls Developers Day 2015, hosted by FASTNUCES, Karachi on 17 March 2015. Rabia Irshad, BS student obtained third position in the competition titled "10 Minutes of Tech". She confidently presented her innovative idea of "Automatic Voting System" within 10 minutes and impressed the audience and juries. Various universities from Karachi participated in this competition. Moreover, Faiza Kanwal, another BS student, competed in one-to-one IQ quiz competition held under the banner of Wavetech and also won prize.

#### Syed Abdul Haseeb contributed in IBA Music Olympiad as Rap Contest Judge

BU's renowned and very talented Rapper and Hip-Hop performer, Syed Abdul Haseeb contributed in IBA Music Olympiad as Rap Contest Judge. Institute of Business Administration



hosted this mega event during 9 to 11 April 2015. It is considered as one of the biggest institutional music festivals in Pakistan. More than a thousand participants from different colleges and universities from all over the country took part in it.

#### Faizan Khan got first prize in National Mobile Apps Competition

Bahria University held a Prize Distribution Ceremony of National Mobile Apps Competition (NMAC-2015)





on 29th April 2015 at BUIC. “Innovative Apps for the Public Sector” was the theme for the competition. On this occasion, Prof. Ahsan Iqbal, Federal Minister, Planning, Development & Reforms awarded the winners of NMAC’15. Four hundred and seventy BU students submitted their ideas, out of which Faizan Khan got first prize, while Shaharyar Khan and Syed Uzair Ahmed and Ameen Jafri obtained second, third and fourth position respectively.

### National Solution Conventions (NaSCon) 2015

Bahria University Islamabad splendidly performed at National Solution Conventions (NaSCon) 2015, held at National University of Computer and Emerging Sciences- (FAST) Islamabad from 8th to 10th May, 2015. A total of 3000 students from 17 different universities across Pakistan participated in the event including National University of Sciences and Technology (NUST), AIR University, Lahore University of Management Sciences (LUMS), UET Taxila, COMSATS, Mohammad Ali Jinnah University (MAJU), Fatima Jinnah Women University (FJWU), FAST NU – Lahore.. Bahria University became the overall winner of NaSCon ‘15 by winning most of awards in the event



*Winners of National Solution Conventions (NaSCon) 2015 with HoD SE at Bahria University Islamabad*

Bahria University secured top positions out of 50 competitions in the following events: :, :

- Best Ambassador Award (won by Amna Javed of CE Department)
- 1st position in Project Exhibition (won by Zeeshan, Mursaleen, Usman of CE department)
- 1st position in Engineers Developing the Society (won by Saad, Ammar and Junaid of CE Department)
- 1st position in Poetry Competition (won by Shehab of E&ES Department)
- Runners up in Ideal Candidate (won by Amna Javed of CE Department)
- Runners up in Scavenger Hunt (won by Hassan Faizan, Afsheen and Farhan of CE Department)
- Runners up in NaSCon Model United Nations (won by Nadreen of MS Department)

Bahria University overall won 7 competitions, out of which 5 were won by the students from Department of Computer Engineering.

### Achievements Faculty & Employees

#### Employee Appreciation Award

Honourable Rector Bahria University awarded a Letter of appreciation and Cash prize to Ms Rida Zahra Hashmi Web Manager BUHQ on her outstanding performance. She joined Bahria University as Web Manager on 01 February 2013. After her appointment, she has worked consistently on University’s website to make it eye catching, attractive and user friendly.

In the past 18 months, Ms Rida Zahra designed



*Ms. Rida Zehra receiving her letter of appreciation and cash prize from Rector, BU*

and developed the web portals of International Conference, Alumni Dinner Registration, Alumni Bahria University, and Public Relations Office. She also prepared websites for various Constituents Units, Bahria University Libraries and Bahria University Lahore Campus. To accomplish the Web Designing & Development tasks, she worked round the clock to meet the various deadlines particularly related to admissions. Her continuous effort has resulted in overwhelming response of candidates for admission in Fall 2014 using online applications.

### Best Teacher Award by HEC

Dr. Muhammad Zafar, Associate Professor and Head of Department of Earth & Environmental Sciences, received Best Teacher Award for the year 2012-2013 from Higher Education Commission.

### Best Faculty Researcher Award 2014

In this technological era, academic Institutes producing cutting-edge research achievements are growing faster than others. Bahria University also comprehends the need for research and commends its faculty and student's research endeavors through its Awards conferring policy.

Honorable Rector BU awarded the following Best Faculty Researcher Award achievers:

- Prof. Dr. Farooq-e-Azam Cheema, Dean Faculty of Management & Social Sciences, Head Department of Management Science, BUKC
- Prof. Dr. Shehzad Khalid Head, Department of Computer Engineering, BUIC
- Dr. Rizwana Bashir, Associate Professor, Department of Management Sciences, BULC
- Dr. Daud Mirza, Assistant Professor, Department of Oral pathology, Dental Section, BUM&DC

### Post Doc from AIMST University Malaysia

Dr Rizwana Bashir of Management Science Department BU Karachi acquired international teaching and research experience as Post-Doctoral Fellow at Faculty of Business & Management (FBM), AIMST University, Malaysia. Her Post doctorate experience includes; conducting research, Curriculum Development, Evaluation of FYP of FBM Students

and teaching Malaysian students and two batches of exchange students from University of Kanagawa Japan. Dr. Rizwana is serving Management Science Department BU Lahore Campus.



### Productive Scientists of the Year

Professor Dr. Tahseenullah Khan and Dr. Anwar Qadir (Assistant Professor) from Earth and Environmental Sciences, Islamabad Campus, were included in the list of top ten productive scientists by Pakistan Council of Science and Technology for the year 2013. This puts Bahria University in the list of top universities in the discipline of Earth Sciences. Honourable Rector, Bahria University awarded both professors with a cash prize of Rs. 20,000 each and a letter of Appreciation.

### Outstanding Annual Evaluation Report 2013



Dr. Anwar Qadir



Prof. Dr. Tehseenullah Khan

Based on outstanding rating in the AER, Eight employees from three constituent units i.e. Islamabad Campus, Karachi Campus and Institute of professional psychology were awarded Letter of Appreciation by the Honorable Rector. These are:

1. **Mr. Fazal Wahab**, HOD (CS)/Senior Associate Professor, BUIC
2. **Dr. Imran Siddiqui**, Associate Professor, BUIC
3. **Dr. Muhammad Muzammal**, Assistant Professor, BUIC
4. **Muneeb Yaqoob**, Lec I (EE- BUIC)
5. **Dr. Saqib Saeed**, AP-I (CS- BUIC)
6. **Hamza Sani**, Linux Administrator – (IT-BUKC)
7. **Kiran Bashir Ahmad**, Lec I (IPP)
8. **Yasir M Shiekh**, PC-1/PA (P&P-BUHQ)



### Dr. Kulsoom Receives Shield from Dr. Zahida Baqai Karachi

Dr. Kulsoom Fatima graduated from Baqai University in 2005 and pursued a post-graduate degree from King's College London. She is author of a book titled "Oral Cancer Screening". She is also heading the Department of Community and Preventive Dentistry at BUM&DC and actively involved in the outreach community oral health services and contributing immensely to academic excellence and prestige of Bahria University.



Dr. Kulsoom Fatima Rizvi from Dental Section Bahria Medical & Dental College has been awarded a Shield by the Vice Chancellor Prof. Dr. Zahida Baqai during Silver Jubilee Congress of Baqai Medical University in December 2014.

### Joint Research Project with York St. John University, UK

Dr. Nadia Tahir HoD, Management Sciences BUIC went for a Joint Research Project with York St. John University, UK for a week, starting from 24 March to 1 April 2015. During her visit, different Ethnographic techniques were used to explore how to improve the teaching pedagogy.



Various brain storming sessions were held to discuss and improve the teaching practices adopted by different Higher Education Institutes around the world.

As part of follow-up to her research stay in UK, Mr Douglas Meikle, Senior Lecturer York St. John University, UK visited Bahria University. Throughout his visit, Mr Douglas observed the teaching practices of Management Science at BU to understand the teaching pedagogies in Pakistani Universities through ethnographic research. He also delivered a lecture on "How to calculate profits" to the BU students.

### Letter of Appreciation for Mehwish Kamran - PRO

On being passionate about work and being committed to her tasks, Ms. Mehwish Kamran, Public Relations



Officer of Bahria University has received letter of appreciation from Rector of Bahria University, Vice Admiral (R) Tanveer Faiz HI (M) on 26th June 2015. Rector congratulated her for this achievement and wished her to work with same zeal and spirit for attaining even higher standards of professionalism.

### Training Course in Hypnotherapy

A three day training course (18th – 21st August) in Hypnotherapy was conducted by Dr. Tahira Asst. Professor IPP for the professionals in Clinical



Psychology, BS and M.Phil. Students of IPP and other universities. The purpose of the program was to provide training about basic techniques of Hypnotherapy to support the interest of current students and professionals in clinical psychology.

### Lecture & Workshop at BUIC

IPP faculty members Dr. Zainab Hussain Bhutto





and Dr. Kiran Bashir Ahmad were invited to the Bahria University Islamabad Campus for a lecture on 'Schizophrenia Spectrum and other Psychotic Disorders' and a workshop on 'ABA with Autism' respectively, on October 16th, 2014

### **Mental Health Camp '14 Strengths – The Spark Within**

The Institute of Professional Psychology, Bahria University-Karachi Campus hosted its annual event 'Mental Health Awareness Camp 2014' November 2014. Director General Karachi Campus Vice Admiral Khalid Amin HI(M) inaugurated the camp, DG-NCMPR, Director IPP, Director BUKC, Faculty members and students attended the camp, which allowed its guests to experience the essence of mental health and what it stands for as well as how various mental health services cater to a larger populous for a better well-being. To achieve the afore mentioned



aim the camp comprised of four different stations consisting of 'Strength Managers', 'Stress Managers', 'Self Exploration Center' and a 'Drawing Test' where the tests were conducted by the students of IPP under the supervision of their faculty.

### **BUM&DC welcomes the Third Batch of BDS**

Karachi- First Year Orientation and White Coat Ceremony for the third incoming BDS batch of Bahria University Medical and Dental College was held on Tuesday, 23rd December 2014 at the university auditorium. The event was attended by faculty members, senior naval officers, and new dental students who were accompanied by their parents.

### **Convocations 2014 - 15**

#### **Bahria University Islamabad Holds 12th Convocation**

The Twelfth Convocation of the Bahria University Islamabad was held on 14th December, 2014 at Jinnah



*Student receiving degree from Rector Bahria University Islamabad*



*Participants of 12th Convocation of the Bahria University Islamabad*

Convention Centre Islamabad to commemorate academic accomplishments of its students. The top students were honored with Gold and Silver medals at the Convocation for their outstanding achievements in academic career. Vice Admiral (R) Shahid Iqbal HI (M), Rector Bahria University graced the occasion as Chief Guest and conferred degrees to a total 365 graduating students of Graduate and Undergraduate programs.

## 12th Convocation of Islamabad Campus - Gold Medals Winners

S.No.	Name	Program
1	Nighat Zahra	Fall 2010 MBA (3.5 Year)
2	Sadia Nisar	Fall 2011 MBA (2.5 Year)
3	Muhammad Zubair	Fall 2012 MBA (1.5 Year)
4	Intikhab Alam	Spring 2012 MS (TELECOM) 2 Years
5	Muhamamd Ahmad Amin	Spring 2012 MS (SE) 2 Years
6	Hammad Ghafoor	Spring 2010 BBA 4 Years
7	Muhammad Kashif Ali Khan	Spring 2010 BSS 4 Years
8	Anum Zafar	Spring 2010 BS GEOPHYSICS 4 Years
9	Muhammad Shoaib	Spring 2010 BS GEOLOGY 4 Years

## 12th Convocation of Islamabad Campus - Silver Medals Winners

S.No.	Name	Program
1	Atif Ullah Sher	Fall 2010 MBA (3.5 Year)
2	Arslan Shaukat Ghumman	Fall 2011 MBA (2.5 Year)
3	Bilal Bin Zafar	Fall 2012 MBA (1.5 Year)
4	Muhammad Ibrar	Spring 2012 MS (Telecom) 2 Years
5	Waheed Ullah Khan	Spring 2012 MS (SE) 2 Years
6	Muhammad Afzaal	Spring 2010 BBA 4 Years
7	Sitwat Waqar	Spring 2010 BSS 4 Years
8	Fareeha Nageen	Spring 2010 BS GEOPHYSICS 4 Years
9	Murad Tahir	Spring 2010 BS GEOLOGY 4 Years

## Bahria University Islamabad Holds 13th Convocation

The 13th Convocation of the Bahria University Islamabad was held at Jinnah Convention Centre Islamabad to commemorate the academic accomplishments of the students. The students were awarded Gold and Silver medals for outstanding achievements in academic career at the convocation. Pro- Chancellor of Bahria University, Chief of the Naval Staff Admiral Muhammad Zakaullah NI (M) graced the occasion as a Chief Guest and conferred degrees upon the graduating students of Graduate and Undergraduate programs.

Chief of the Naval Staff Admiral Muhammad Zakaullah NI (M) awarded degrees to a total of 560 students and also awarded 21 Gold medals and 14 Silver medals. Gold medals were awarded to the following students from each discipline:

Ashi Iram, Shaharyar Maroof, Department of

Software Engineering, Muhammad Noman Farooq Department of Computer Sciences, Muhammad Bilal Razzaq, Hira Qamar, Madiha Rafiq, Mohammad Ehsan Saeed, Azka Nawaz, Nudrat Amin, Department of Management Sciences, Aqsa Aamir, Naila Aslam Department of Social Sciences, Saima Ishaq, Kanza Tauqir Gondal Department of Electrical Engineering, Waqar Mirza Department of Computer Engineering, Irum, Ambreen Nawaz, Ahmer Iqbal Bhatti, Muhammad Saqib Khan, Beenish Aslam, Jawad Farooq, Kisa Fatima Department of Earth and Environmental Sciences

Chief of the Naval Staff while congratulating the gold and silver medalists and extending felicitations to all the degree recipients, said that global geo-political and geo-economic environment has become highly complex and challenging, due to which increasingly fierce and complex issues are confronting the world. Under these circumstances the role of youth for all nations in general and developing nations, like us, in





*Distinguished Participants, medal winners and position holders of Bahria University Islamabad Campus at the occasion of 13th Convocation*

particular has become extremely critical. Therefore, a number of challenges are waiting for you in the coming days. Through your sheer hard work, honesty and dedication towards your profession you have to prove yourselves compatible with your counterparts in the developed world and become integral part of national growth and prosperity.

Admiral Zakaullah assured the students that by keeping unshakeable faith in Almighty Allah, righteousness integrity and good intent should be your guiding principles, no hurdle will be big enough to be able to stop you from achieving great heights. Underlining the role of universities and institutions which has gained significant importance in imparting the requisite education and fostering professional competence in the students to make them better and productive citizens, the Naval Chief appreciated Bahria University's contribution and remarkable initiatives and said that the University is not only producing quite a good number of graduates in varying academic disciplines but it is also on the forefront in conceiving and implementing initiatives and programmes with special focus on capacity building of the students. He assured his fullest/continued cooperation and support to the management for development of Bahria University vis a vis to make the University one of the best universities of the country.

Earlier in his welcome address, Rector Bahria University Vice Admiral (Rtd) Tanveer Faiz congratulated the students and their parents, and wished them a prosperous future. He said that your positive attitude and efficiency at the work place would reflect on you and your alma-mater to get the best reward. Never forget to apply the small virtues and morals you have learnt in life. Maintain your confidence and remain abreast with the latest developments taking place in your profession. I am confident that you possess all the ingredients to meet the challenges of practical life. Do not hesitate to look back to Bahria University for any support and guidance, you will always find us forthcoming and supportive. He added that higher education has now become a tool of economic growth. The universities have great responsibility of producing quality graduates who could contribute positively in various fields for economic growth of the country. Our vision is to prepare our students for the national as well as international market, through high standards of education.

**13th Convocation of Islamabad Campus - Gold Medals Winners**

S.No.	Name	Program
1	Azka Nawaz	Fall Semester 2010 (BBA)
2	Aqsa Aamir	Fall Semester 2010 (BSS)
3	Shaharyar Maroof	Fall Semester 2010 (BSE)
4	Waqar Mirza	Fall Semester 2010 (BCE)
5	Kanza Tauqir Gondal	Fall Semester 2010 (BEE)
6	Beenish Aslam	Fall Semester 2010 BS (Geophysics)
7	Jawad Farooq	Fall Semester 2010 BS (Geology)
8	Kisa Fatima	Fall Semester 2010 BS (ES)
9	Madiha Rafiq	Spring Semester 2013 (MBA 1.5 Years)
10	Hira Qamar	Spring Semester 2012 (MBA 2.5 Years)
11	Muhammad Bilal Razzaq	Spring Semester 2011 MBA 3.5 Years
12	Mohammad Ehsan Saeed	Spring Semester 2013 MS (PM) 1.5 Years
13	Ashi Iram	Fall Semester 2012 MS (SE) 2 Years
14	Muhammad Noman Farooq	Fall Semester 2012 MS (TN) 2 Years
15	Saima Ishaq	Fall Semester 2012 MS (EE) 2 Years
16	Irum	Fall Semester 2012 MS (Geology 2 Years)
17	Ahmer Iqbal Bhatti	Fall Semester 2012 MS (Geophysics 2 Years)
18	Muhammad Saqib Khan	Fall Semester 2012 MS (ES 2 Years)
19	Ambreen Nawaz	Fall Semester 2012 MS (EPM 2 Years)
20	Nudrat Amin	Fall Semester 2012 M PHIL (MS 2 Years)
21	Naila Masood Ahmad	Fall Semester 2012 M PHIL (SC-ANTHROPOLOGY)2 YEARS

**13th Convocation of Islamabad Campus - Silver Medals Winners**

S.No.	Name	Program
1	Sameen Zia	Fall Semester 2010 (BBA)
2	Ayesha Zaryab	Fall Semester 2010 (BSS)
3	Umair Maqsood	Fall Semester 2010 (BSE)
4	Hamza Ahmed Khan	Fall Semester 2010 (BCE)
5	Qanita Mehmood	Fall Semester 2010 (BEE)
6	Furqan Aftab	Fall Semester 2010 BS (Geophysics)
7	Juwayriah Nadeem	Spring Semester 2013 (MBA 1.5 Years)
8	Maryam Ahmad	Spring Semester 2011 MBA 3.5 Years
9	Ali Raza	Spring Semester 2013 MS (PM) 1.5 Years
10	Kiran Nazeer	Fall Semester 2012 MS (SE) 2 Years
11	Numan Mushtaq	Fall Semester 2012 MS (TN) 2 Years
12	Qasim Ali Khan	Fall Semester 2012 MS (Geology 2 Years)
13	Waqar Ahmed	Fall Semester 2012 MS (Geophysics 2 Years)
14	Ume-Kaloom	Fall Semester 2012 MS (ES 2 Years)



## Bahria University Medical And Dental College (BUM&DC)

### Holds 2nd Convocation of MBBS Graduates

The Second Convocation of Bahria University Medical & Dental College, Karachi was held on 21st May 2015 to commemorate academic accomplishments of its 2nd Batch of MBBS students. The top students were honored with Gold and Silver Medals and Certificates for outstanding achievements in academic career. Pro-Chancellor of Bahria University, Chief of the Naval Staff Admiral Muhammad Zakauallah NI (M) graced the occasion as a Chief Guest and conferred degrees to the graduating MBBS students.

Chief of the Naval Staff, Admiral Muhammad Zakauallah NI (M) along with Rector Bahria University, Vice Admiral (Retd) Tanveer Faiz HI(M) awarded Gold Medal to Ms. Maryam Irshad and Silver Medal to Shireen Sabir Ansari. Ms Maryam Irshad, Shireen Sabir Ansari, Asifa Qasim, Ali Usman and Zulqarnain Hyder achieved distinction in their respective department..

Chief of the Naval Staff, Admiral Muhammad Zakauallah NI (M), while speaking at the occasion,

congratulated the students and their parents on splendid success and said that the convocation is very important for the graduates as it symbolizes successful completion of education and their transition into the career of serving humanity. He said that today we are facing multiple challenges arising from global economic changes and increasingly fierce and complex health issues. The young doctors are great asset for our nation and we have high hopes and expectations that they will play a key role in combating health problems and issues of our people.

He said that that BUM&DC is on the forefront in conceiving and implementing initiatives and programs with special focus on grooming and capacity building of the medical students. He assured that support of Pakistan Navy will always be there to provide facilitation and guidance in future endeavors.

Vice Admiral (Retd) Tanveer Faiz HI(M) in his welcome address, said that the universities have great responsibility of producing quality graduates who could contribute positively in various fields. Bahria University will not leave any stone unturned to keep the students abreast with high quality education at par with other medical universities of the world. Bahria



*Distinguished Participants, medal winners and position holders of Bahria University Medical & Dental College, Karachi at the Occasion of 2nd Convocation*



University is committed to provide best possible teaching and learning environment to its students along with infrastructure to the medical college and the teaching hospital. Bahria University has provided a dedicated, experienced and well qualified faculty that stands as a testament to this commitment. He said that it is the coherent team and their zealous effort that has led to recognition of BU MBBS program by PMDC for

150 seats. He also briefed about the institutional tools available for scholastic inquiry, training and research at Bahria Medical & Dental College.

The Rector Bahria University congratulated graduating students and their parents and wished them a prosperous future. He also expressed pride that students had strived very hard to acquire knowledge and skills at par with international standards.

## 2nd Convocation of BUM&DC - Gold & Silver Medals Winner

S.No.	Name	Medal
1	Ms. Maryam Irshad	Gold Medal
2	Ms. Shireen Sabir Ansari	Silver Medal

## 11th Convocation of Institute of Professional Psychology

The 11th convocation of the Institute of Professional Psychology Bahria University Karachi Campus was

held on 25th of January 2015. Thirty seven students were awarded Degrees of Bachelors of Psychology. Ms. Nirmal Niazi was awarded M. Phil in Clinical Psychology and Ms. Kiran Bashir Ahmad was awarded P.h.d. Degree in Clinical Psychology.



*Ms. Kiran Bashir receiving PhD degree from Chief of Naval Staff Admiral Zaka Ullah NI(M)*

## 11th Convocation of Bahria University Karachi

The 11th Convocation Ceremony of Bahria University Karachi Campus was held on 25th, January, 2015 at Bahria University Karachi Campus. Students were also honored with Gold and Silver medals for their outstanding achievements in their academic career at the Convocation 2015 held today. Chief of the Naval Staff Admiral Muhammad Zakaullah NI (M) graced the occasion with his presence and conferred degrees on the graduating students of PhD, Masters and Undergraduate programs.

In total 889 students were graduated including 27 students of PNSL. Chief of the Naval Staff Admiral Muhammad Zakaullah NI (M) along with the Rector of Bahria University, Vice Admiral (R) Shahid Iqbal HI (M) awarded 27 Gold medals and 24 Silver medals to various students.

Admiral Muhammad Zakaullah NI(M) congratulated the students and their parents on their splendid success and said that the role of Universities and Institutions have gained significant importance to help impart the requisite education and fostering competencies to make them better and productive citizen of Pakistan. He said that new endeavors undertaken by the management of

Bahria University with commitment and determination will yield the best results for all the stakeholders and will definitely provide competitive edge to Bahria University to become the leading University of the country.

Earlier in his welcome address, Vice Admiral (R) Shahid Iqbal HI (M), Rector Bahria University, said that Higher Education is now considered and accepted

as tool of economic growth,. The universities have great responsibility of producing quality graduates who could contribute positively in various fields for economic growth of the country. The Rector congratulated the students and their parents, and wished them a prosperous future. The ceremony was attended by a large number of senior Naval Officers, Industrialists, Businessmen, and parents of the graduating students.

## Medal Winners

### 11th Convocation of Karachi Campus - Gold Medals Winners

S.No.	NAME	Program
1	Maryam Khan	Fall 2009 BBA
2	Muketaj Saleem	Fall 2009 BSS
3	Zairah Jabbar	Fall 2009 BET
4	Abdullah Nasir	Fall 2009 BSE
5	Alafia Iftikhar Ali	Fall 2009 BS(CS)
6	M. Aatif Mobeen Azhar	Fall 2009 BEE
7	Amal Salman	Spring 2010 BBA
8	Tahira Niazi	Spring 2010 BS(CS)
9	Tabinda Tahir Hussain	Spring 2010 BSS
10	Ahsan Iqbal	Spring 2010 BS(Geophysics)
11	Ayman Wahaj	Fall 2010 MBA 3.5 Year
12	Danish Jamil Khan	Spring 2011 MBA 3.5 Year
13	Danish Iqbal	Spring 2011 M Phil MS
14	Tayyaba Khatoon	Fall 2011 MBA 2.5 Year
15	Maryam Masnoon	Fall 2011 M Phil MS
16	Bushra Ashraf	Fall 2011 MS(SE)
17	Reema Qaiser Khan	Spring 2012 MS(SE)
18	M. Ahmed Jamil Qurashi	Spring 2012 MS(ES)
19	Uzma Fayyaz	Spring 2012 MBA 1.5
20	Sanober	Fall 2012 MBA 1.5

### 11th Convocation of Karachi Campus - Silver Medals Winners

S.No.	NAME	Program
1	Arifa Sami	Fall 2009 BBA
2	Sahifa Shakil	Fall 2009 BET
3	Amna Khatoon	Fall 2009 BSE
4	Azeema Sadia	Fall 2009 BS(CS)
5	Rohail Razzaq	Fall 2009 BEE
6	Sadia Junaid	Spring 2010 BBA
7	M.Kamal Memon	Spring 2010 BS(CS)
8	Anam Iqbal	Fall 2010 MBA 3.5 Year

9	Arooshna Momin	Spring 2011 MBA 3.5 Year
10	Sadaf Alam	Spring 2011 M Phil MS
11	Mariam Rasool	Fall 2011 MBA 2.5 year
12	Nadia Ansari	Fall 2011 M Phil MS
13	Khalid Mehmud Khan	Fall 2011 MS(SE)
14	Rabiya Tanveer Malik	Fall 2011 MS(SE)
15	Wafa Qaiser Khan	Spring 2012 MS(SE)
16	Sidra Haseen	Spring 2012 MBA 1.5
17	Rabia Yasmeen	Fall 2012 MBA 1.5

### **Chief Librarian Bahria University Library Visited University of Illinois Mortenson Center Associates Program:**

Group of 24 librarians from all around the world visited the United State University of Illinois Mortenson Center Associates Program “Imagine, Question, Connect: A Professional Development Program for Library Leaders and Innovators

Mr. Sher Afzal (Chief Librarian Bahria University) represented Bahria University in this professional development program for library leaders and innovators. It was an honor the he was the only library professional from Pakistan who attended this program.



*Group Photo of Chief Librarian Bahria University with the participants of Illinois Mortenson Center Associates Program*

### **Affiliation With IMF Electronics Library Washington**

The proposal for the access to the IMF library was submitted by the chief librarian last year. Finally IMF representative has given the affiliation to Bahria University and it has got access to IMF Electronics Library Washington. The e-Library contains over 12000 publications that provide authoritative perspectives on topics ranging from Macroeconomics and globalization to technical assistance and poverty reduction. The e-Library data contains over 9500 Financial and Economic data concepts containing

more than one million statistical data for 145 IMF member countries. The Database contains time series data from 1990 onwards. IMF e-Library statistics includes PDF access to the print versions of statistical yearbooks and monthly and quarterly updates.

The IMF publishes a range of time series data on IMF lending, exchange rates, and other economic and financial indicators. IMF Electronic Library statistics include PDF access to the print versions of statistical yearbooks and monthly and quarterly updates. The IMF Government Financial Statistics contain the statistical data on Government financial operations for 145 IMF member countries. The Database contains time series from 1990 onwards using the Government Finance Statistics Manual, 2001 (GFSM 2001) framework. The IMF Balance of Payments Statistics contains over 100,000 quarterly and annual time series data.

With the access of IMF e-Library, current data on exchange rates, international liquidity, international interest rates, prices, national accounts and international transactions, the university researchers would feel at ease for the execution of their respective assignments/projects. Students of Statistics, Economics, Management Studies and Mathematics would be benefited a lot by the addition of IMF Electronic Library in more beneficial manners.

### **BU Karachi Campus Library**

#### **Establishment of Chinese Corner**

Bahria University Karachi Campus Library in collaboration with the China Hanban has established Chinese Corner in the Central Library of Bahria University Karachi Campus. Inauguration ceremony was held in December 2014 by the consul general of peoples Republic of China Mr. Ma Yaou.

Chief Librarian Bahria University Mr. Sher Afzal Khan delivered a comprehensive overview regarding



Chinese Corner. Hanban \_ Confucius institute China has given 300 titles for Chinese Corner. The books cover Chinese Culture, Literature, History, stories and Language. This collection will provide state of the art facilities not only for Bahria University Karachi Campus Faculty and Student but also for the Pakistani Community in Karachi.



*Chinese corner inauguration at BU Karachi Campus*

## **Book Fair at BU Islamabad Campus**

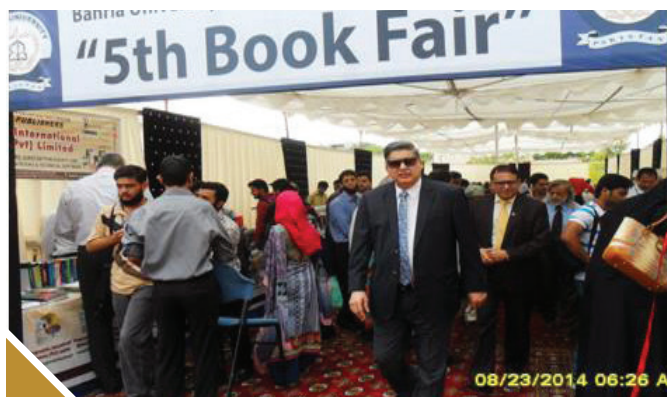
### **4th Book Fair at BU Islamabad Campus**

Bahria University organized a two day Book Fair at BU Library Islamabad Campus on 16 & 17 December 2014. Students, Faculty members and the distinguished guests showed profound interest and enjoyed the occasion. Honourable Rector of BU inaugurated the Book Fair 2014 along with Pro Rector, Registrar, Director Islamabad Campus and all distinguished directors.

Books are a valuable source of knowledge, even in this digital era, and are the utmost need of students. Bahria University always appreciates and provides great opportunities to its students, which can help them enhance their knowledge to compete at the highest level. Keeping in view the need of students, BU organized the Book Fair 2014. Well-known Book Sellers registered themselves for the Book Fair to offer the books of various disciplines to facilitate the keen readers. All the distinguished guests, faculty members and students appreciated the effort.

### **Book Fair at Bahria University Karachi Campus**

Bahria University Karachi Campus organized Book Fair in September 2014. Inauguration of the ceremony



was held by Honorable Rector of Bahria University. All faculty/staff/students took part in this event and recommended and suggested books to be placed in library. In this Book Fair 16 local and nation-wide vendors participated. Up-to 70 % discounted rates were available for all.

### **Book Fair at Bahria University Lahore Campus**

In order to promote the culture of research collection building, the Annual Book Fair was organized by Bahria University Lahore Campus on 1st and 2nd March 2015 at Campus premises.

The event was inaugurated by the Honorable Director



of Bahria University, Commodore M. Amjad Zaman SI(M) (Retired). This event was one of the biggest book fairs organized by the university with renowned book sellers/ vendors and publishers who had setup their stalls for the university

The Book Fair covered a large variety of books including all major disciplines like Social Sciences, Media Studies, Computer Sciences, Management Sciences, Human Resources and Development Studies and received overwhelming response from the staff and students. A large number of students and faculty members also took keen interest in the book fair.

### **Internship Program for the Students of LLB**

It is mandatory for the students of LLB to undertake Six-week Internship before completing their degree. Department is in contact with different local and foreign organization/law firms (e.g. PIPS, Trans-India Law Associates) to ensure internship placement of the students.

In summer 2014, the first batch of Law students completed their six-week mandatory internship requirement. All students were placed at the prestigious departments (Law), Law Firms, organizations and superior courts, chambers of eminent lawyers etc to fulfill the requirement. Department of law through in-charge internship program have been highly concerned and instrumental in getting the placement for students.

Three students got paid internship at Human Rights Cell of the Supreme Court of Pakistan. They assisted in preparing the fact sheets on the applications received by the Human Rights Cell. During the course of their internship they came in contact with Chief Justice of Pakistan, eminent lawyers and Judges, and attended various court sessions.

One of our students got an opportunity to work with the Khubaib foundation and he assisted them to file an application in the International Criminal Court over the attack on freedom flotilla in international water.

A couple of students worked in Revenue Department in Rawalpindi. They presented an extensive report of the work they undertook during their internship. They are now well versed with the working, law and hierarchy of Revenue Department.

Number of students worked as interns in different prominent law firms and with eminent Advocates of Supreme Court and High Court. They all presented detailed reports of cases on which they assisted during the period of their internship.

In fall 2014, three students were nominated by the law department for the internship with Ministry of Law, Justice and Human Rights. They got an opportunity to work on the project undertaken by the Ministry to document the Pakistan's state responsibility under different treaties. They also got opportunity to attend different sessions regarding human rights and different aspects of international law.

### **Significance of Research In Psychology**

Department of Professional Psychology at Bahria University Islamabad has arranged a seminar on the "Significance of Research in Psychology" at university premises. The guest speaker of the seminar was Ms. Mahnazir Riaz, Retd Dean of Social Science of Shaheed Benazir Women University. While talking to students, she said that research in clinical psychology is very important for the students of MS & Phd level. Research is usually considered as a monotonous and dry subject by most of the students which often haunts them by its complications. In reality it proves to be a very interesting field when studied with determination and in encouraging manner under the supervision of such remarkable professionals. She also talked about the psychometrics properties and its implication in the research.







## CHAPTER - TWO

### Research & Development

BU Annual Report 2014-15



## Research and Development

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

### Office of Research, Innovation & Commercialization (ORIC)

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

#### Mission

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

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

#### Objectives

- Establish and maintain a research culture at BU
- Inculcate the spirit of innovation and entrepreneurship among BU researchers, both faculty and students
- Ensure that the research pursued at BU has relevance to the industry, community and society

- Commercialize R&D performed at BU
- Promote industry focused multidisciplinary R&D
- Promote training and education related to entrepreneurship and intellectual property
- Be a catalyst for creation of new industries
- Create job opportunities for BU graduates
- Contribute towards achieving financial sustainability for BU

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



### Higher Education & Research Committee (HERC)

The main function of Higher Education and Research Committee (HERC) at BU is to promote, monitor and regulate the research at the university. The HERC met



16th HERC meeting in progress

twice during the year under report and approved the following key agenda items:

- The committee unanimously ratified the award of two PhD degrees.
- Ratification of policy on publishing of journals at BU and making the BU journal titled “Global Management Journal for Academic & Corporate Studies (GMJACS)” biannual.
- The modalities for publishing of research journal of Department of Humanities & Social Sciences (BUIC).
- Approval of Local & Foreign External Examiners for conducting MS/MPhil & PhD research.
- Time-barred cases of MS/MPhil & PhD students.
- Policy for allocation of research funding for Under Graduate & Post Graduate students.
- Consideration of research contribution of faculty members for annual increments.
- Revision of MPhil/PhD Regulations.
- Honors & Awards for MS/MPhil Students.

#### **Faculty/Departmental Research Committees (F/DRCs)**

Faculty/Departmental Research Committees have been formed and function at faculty/departmental level at campuses and constituent units of Bahria University. The Core and Elective members, listed as follows:

##### **Core Members**

- Dean/Senior most HOD in the Faculty – Head of the Committee
- All HODs (if Dean Head of the Committee)
- All PhD FMs in the Faculty/Department

##### **Elective Members**

- Principal Supervisor
- One or two members from industries/institutions
- Experts (specialist FMs/Officers within BU whose expertise may be of relevance to the Candidates research-work). Their qualification is not lower than the Candidate’s programme.

The Terms of Reference of the committees shall be as under:

- a. Appoint/select supervisor(s).

- b. Conduct / arrange comprehensive examination.
- c. Conduct/manage research proposal defense.
- d. On the recommendation of the Principal supervisor, approve/ratify any minor change in the topic of the thesis, if made without changing the main theme.
- e. Evaluate the quarterly progress reports.
- f. Appoint/select/propose internal/external/ viva voce examiners, as applicable.
- g. Carry out plagiarism check on the candidate’s thesis and render a report.
- h. Look into ethical dimension of research.
- i. Award exemptions/transfer of credits to candidates.
- j. Any other research related responsibility assigned by the head of the committee.

#### **Corporate Advisory Committees (CACs)**

Corporate Advisory Committees 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 as follows:-

- Curriculum review for its alignment to meet needs of local industry.
- Sponsored R&D projects for BU students.
- Consultancy services for the industry.
- Professional Development short courses for the industry.
- Guest Speakers for BU students.
- Internships & Placements for BU students.
- Any other item as considered appropriate by the CACs.

#### **Research Groups**

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



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

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

During the year under report, Research Groups at Bahria University published 5 books and 105 Research Papers in different national and international journals. Research Groups have completed 36 non-funded research projects and submitted 19 funded research project proposals to different funding agencies, out of which 5 research projects have been approved for research funding worth of Rs. 11 Million.

#### **Establishment of Microsoft Innovation Center (MIC) at Bahria University Karachi Campus (BUKC)**

In recognition of credibility in the IT – based Programmes, Microsoft has chosen Bahria University to establish its Innovation Center at Karachi Campus. MIC is a platform for innovative research involving hardware, software and skill sets provided by Microsoft. The MIC which is now up & running w.e.f. 16th December 2013, will go a long way towards building BU as an entrepreneurial university. During the year under report, a host of activities were conducted for the benefit of both our own as well as external students. Some major activities performed by MIC include:-

- Technology sessions/seminars – 2 to 4 hrs. Technical Session by Microsoft Community speaker.
- Start-Up Initiatives (BizSpark)–Start-Up Incubation for newly established Start-Up companies.
- Localized Competitions– Student based application development competitions sponsored by Microsoft.
- Boot Camps – 2 to 3 day long technical hands on activity on latest technology.
- Technology Workshops – 1 day long technical

hands on activity on latest technology.

- Technical Support – technical help, mentorship on Microsoft Platform.
- International Competitions (Imagine Cup) – World Biggest Student Software Competition.

During the year under report, following activities were carried out at the MIC:

Activities	No. of students benefited
26 Hands-On activities (Windows 8, Windows Phone, Azure, SharePoint)	200+
23 Technology Awareness Sessions on multiple Microsoft Technologies.	350+
10 Workshops (Windows 8, Windows Phone, Azure, SharePoint)	70+



*Microsoft Regional GM visit to MIC BU Karachi Campus*





*Training on Big Data using Microsoft Azure & HD Insight at MIC*

### **Business Incubation Centre (BIC)**

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

Following services have been provided to the incubatees.

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

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

### **Business Incubation Centers at BU Islamabad & Karachi Campuses**

Business Incubation Centers at Bahria University Islamabad and Karachi Campuses have been established on self-help basis by the management of BU. The incubatee companies having scope of conversion into start-up companies have been chosen and placed through a stringent process of selection. Meanwhile, a PC-I for the establishment of a state of the art BIC is under process with the HEC for consideration and approval.

#### **Incubatees:**

The currently inducted incubatees are as follows:

**Warm Milk Productions:** A mobile phone game development company that focuses on developing 3D Simulation Games. The company has two students from software engineering and one from the computer

sciences department. The company was inducted into the business incubation center, in October 2014 and has generated revenue of over £3000 (app. Rs. 450,000) and a profit of £1500 (app. Rs. 225,000) since inception. The company is now in process of expanding its gaming genres and team members.

**MAQ Tech:** MAQ Tech is a team of five individuals. This team is in the process of developing an intelligent dog collar for training and tracking dogs. MAQ Tech has already raised an investment of Rs. 1 million and the first 20% have already been paid. The rest will be paid on the milestones achievement. The company has also already got an Expression of Interest (EOI) signed from the army dog training school in Murree.

**Macro Annovative Technologies (MAT):** MAT is a group of five computer science students who have developed a mobile app that is to be used as a marketing tool. The solution is based on 3D augmented reality. The first client of MAT is the Centaurus Food Court where the app will be used for promotion of food items.

**Lead Bit Technologies:** A company working on energy and e-learning solutions. This team is led by the HOD Software Engineering and most of the students involved in this venture are from Electrical Engineering Department. The products have already been finalized and prototypes have been implemented at two locations for testing and product improvement.

**Algoflux:** A team of two individuals from the Software Engineering Department have developed an algorithm simulator that will help researchers and engineers in creation, automation and exporting of algorithms. The product had its beta version launch in March 2015.

**Cardiotrics:** A team of two students from the Computer Engineering Department have developed a solution that can identify people from their ECG and track them. This team has been selected as one of the top 25 teams in the 'Startup 2015.'

#### **Virtual Incubation**

**Locate:** Locate is the first social media website for restaurants in Pakistan and is led by the Manager BIC. 25 restaurants have already signed up as partners and currently data entry of all restaurants and their food items is taking place.

#### **External Mentorship Sessions held**

- Engr. Zahoor Sheikh – CEO Research Teck on Patents and Intellectual Property Protection
- Zeeshan Shafqat – CEO Café Rooftop on Social



#### Media Marketing

- Kashif Ahmed – Partner Chaaye Khana on The Food Industry of Pakistan
- Umer Adnan – CEO E4 Technologies on Embedded Systems
- Owais Anjum – CEO Cricout/e-Mamba on Apps and Web Solutions
- Farrukh Malik – CEO Discretelogix on Technopreneurship
- Tahir Chaudhry – CEO Pakistan Institute of Entrepreneurship (PIE) on Money Making Models
- Raheel Iqbal – CTO Ozi Technologies on mobile Games development
- Salman Farooq – CEO Smart Brains on Leadership

#### Internal Mentorship Sessions held

- Business Plan Development
- Business Proposal Development
- Product/Service Optimization
- Adhoc mentorship

#### Linkages for Incubatees

The business incubation has helped its incubatees in connecting them with a number of organizations.

- Connected MAT with Centaurus Shopping (Client)
- Connected MAT with Chaaye Khana and Tuscany Courtyard (Clients)
- Connected MAT with Westminster School and College (Clients)
- Connected MAQ Tech with Ghauri Security (Investor)
- Connected Warm Milk Productions with OZI Technologies (Partner)

#### Trainings and Events

- Digital Conversations
- Entrepreneurship in the tech sector by Wahaj Us Siraj (CEO Nayatel)
- Starting a small business (collaboration with Entrepreneurship Development Institute)
- Growing your small business (collaboration with Entrepreneurship Development Institute)
- CV and Interview Skills

- Business Plan Development
- Basic Business Communications
- Promotional Event on Mobilink Discover



*Front view of Business Incubation Centre, Bahria University Islamabad Campus*



*Incubatees are working at Business Incubation Centre*



### Centre for Entrepreneurship and Leadership (CEL)

The Centre for Entrepreneurship and Leadership (CEL) aims at strengthening the abilities of students, staff and faculty with emphasis in the field of Entrepreneurship

and Leadership. The long term vision of the Centre is to initiate trainings for the corporate sector being conducted, organized at the University with the Faculty Members being the key resource persons. The details of courses conducted during the year under report are as follows:

S. No.	Title of Training/Course	Date
1	Digital Conversations	10 July 2014
2	Entrepreneurship for Engineers	14 July 2014
3	Stress Management through Reflexology	19 July 2014
4	Starting a Small Business	21 July 2014
5	Faculty Development Session	23 July 2014
6	Elevator Pitch - NEW-G Event by INJAZ	19 Aug 2014
7	CPD Workshop on FPGA Based Digital System Design	20 Aug 2014
8	En-Lighting the Darkness	29 Aug 2014
9	Management department curriculum design with Microsoft	29 Aug 2014
10	Microsoft Hackathon Competition (2 <sup>nd</sup> Round)	03 Sept 2014
11	Teaching Methodologies	11 Sept 2014
12	PMP/CAMP Course by Chief Trainer Professor Asad Kazim of CONSAK	8 -14 Sept 2014
13	CV Writing and Interview Skills	15 Sept 2014
14	PMI- ACP Course by Chief Trainer Professor Asad Kazim of CONSAK	15 -17 Sept 2014
15	Effectiveness of Interpersonal skills	18 Sept 2014
16	Developing a Business	19 Sept 2014
17	Lean Management Course	18-20 Sept 2014
18	Effectiveness of Performance Appraisal	25 Sept 2014
19	An in-house faculty development and informative Session on (Interactive Teaching & Learning)	30 Sept 2014
20	How to write publishable Research Work?	2 Oct 2014
21	Emerging Challenges of Business Schools in Pakistan	9 Oct 2014
22	Information System Audit	10 Oct 2014
23	Marking Criteria of Subjective Questions and Making MCQs	10 Oct 2014
24	Upgrading of Syllabus with reference to contemporary trends in English	13 Oct 2014
25	Use of SPSS and NVIVO	15 Oct 2014
26	Competition, Growth and Globalization	16 Oct 2014
27	Role of Incubation Centers	5 Nov 2014
28	Microsoft Student Partners (MSP) Activities: - Student Inter-Competition and Training session for Microsoft Technology and New Trends	6 Nov 2014
29	Dynamics CRM Session - Brief overview and hands-on training on Microsoft Dynamic Modules	10 Nov 2014
30	Inner Self Management	13 Nov 2014
31	Business Plan Development	18 Nov 2014
32	Multi-agent Systems : A control theoretic and signal processing perspective	19 Nov 2014
33	Unity3d Workshop	19 Nov 2014

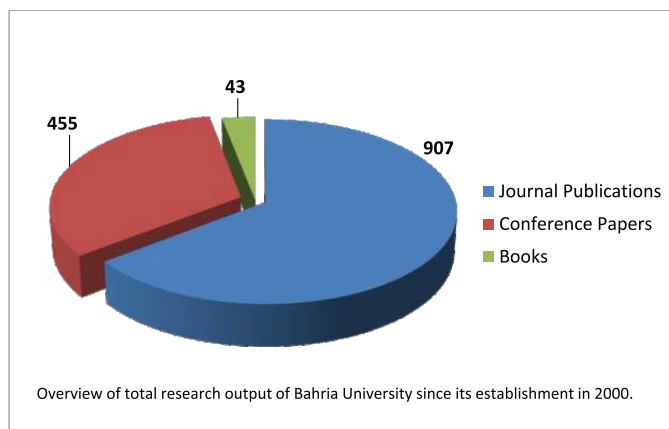
34	BIG DATA	19 Nov 2014
35	Economic and Social Consequences of Privatization in Pakistan	20 Nov 2014
36	The Relationship between Emotional Intelligence and Job Performance	20 Nov 2014
37	Junior CEOs Awards & Graduation Ceremony (INJAZ)	22 Nov 2014
38	How to Perform Qualitative Research	23 Nov 2014
39	Teaching Leadership: A Literature Review	27 Nov 2014
40	Entrepreneurship Training - Learning Intel Pakistan Entrepreneurship	28 Nov 2014
41	Video Link Training Session on MS Sql Server 2014 with collaboration of HEC	01 Dec 2014
42	Dynamics CRM - Session	01 Dec 2014
43	British Council University Exchange Program: Workshop and Training followed by Social Enterprise Project Overview	3-5 Dec 2014
44	Introduction to GIS and GIS Training on ArcGIS 9.3 Software	4 Dec 2014
45	Internationalization Business Models	5 Dec 2014
46	Communication Skills	11 Dec 2014
47	Leadership (Care and Growth Model)	16 Dec 2014
48	Windows Azure Cloud Computing - Building Large Scale Services on Azure Cloud & Career guide for Cloud Developers	16 Dec 2014
49	BU - SEED 2 <sup>nd</sup> BU SEED Entrepreneurship Fair 2014 Entrepreneurship activity of Bahria University Students & Entrepreneurship Education Developer	17 Dec 2014
50	Training Session on Sales and Marketing	7 April 2015
51	Power of Networking and Entrepreneur Ecosystem	23 April 2015
52	Microsoft Imagine Cup 2015	24 April 2015
53	Head Start	5 May 2015
54	Job Fair 2015	6 May 2015
55	Roundtable Conference Meeting with USA Council General on Entrepreneurship	7 May 2015
56	MIC Karachi Pre Accelerator Demo Day	11-15 May 2015
57	The Ideapreneurship Business Plan Exhibition, 2015	20 May 2015
58	BizSpark Azure Camp	1-3 June 2015
59	Microsoft BizSpark App Development 2015	8 June 2015
60	Academic Day 2015	12 June 2015
61	Microsoft Sql Server Workshop	10-14 June 2015
62	Microsoft BizSpark App Business Camp 2015	15-16 June 2015
63	Microsoft Dynamics workshop	16-17 June 2015





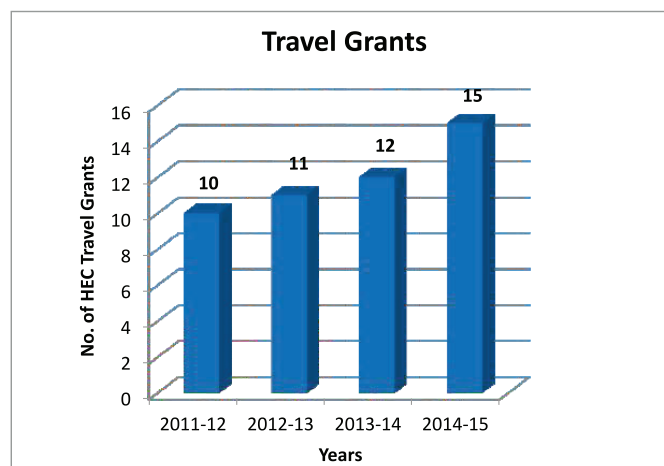
## Overview of Research Output of Bahria University

As a result of our dedicated focus, research output of Bahria University has significantly increased over the last few years. Till date, faculty of BU has published 907 journal publications, 455 conference papers and 43 books.



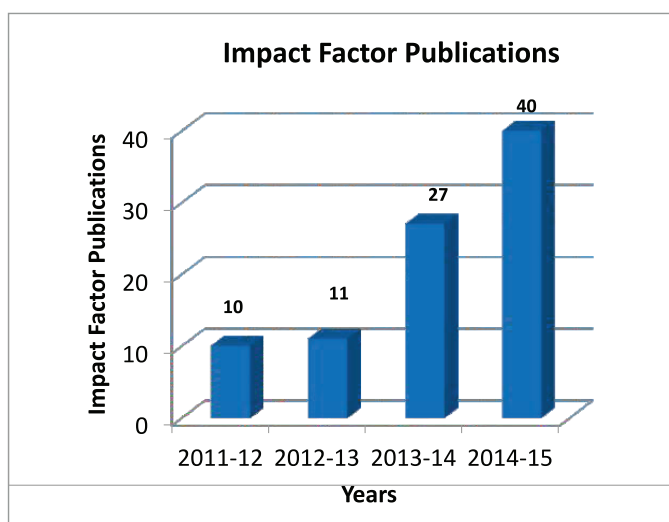
## Travel Grants from HEC / Other Sources

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



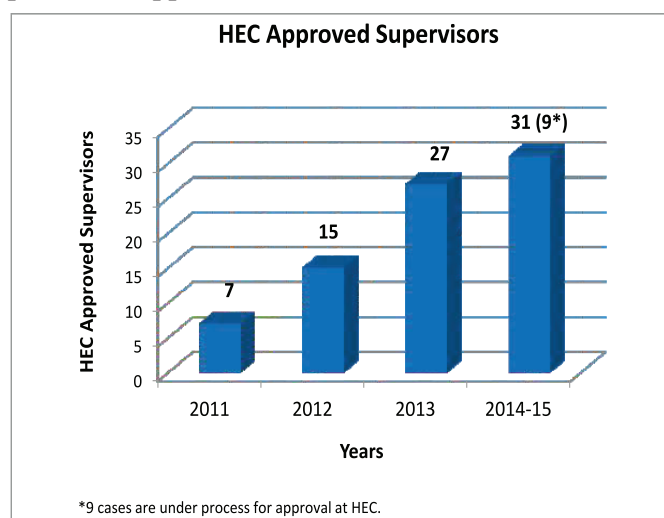
## Impact Factor Publications

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



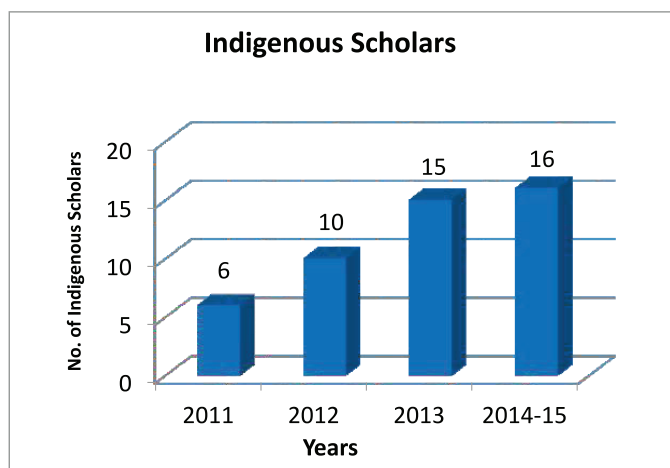
## HEC Approved Supervisors

HEC approved supervisors are those PhD faculty members who can supervise HEC indigenous PhD scholars, currently BU has 31 HEC approved supervisors and 9 cases of PhD faculty are in the process of approval at HEC.



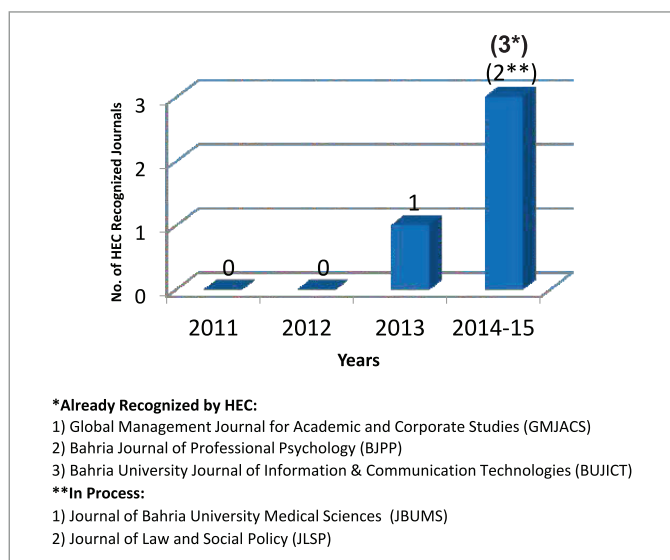
### Indigenous Scholars

Indigenous scholars are those scholars who are studying in BU on the scholarship of HEC/Others. Number of Indigenous scholars are increasing as shown in figure below:



### HEC Recognized Journals of Bahria University

Bahria University is currently publishing five research journals out of which three journals titled “Global Management Journal for Academics and Corporate Studies,” “Bahria Journal of Professional Psychology” and “Bahria University Journal of Information and Communication Technologies” are HEC recognized, rest of the journals are in the process of HEC recognition.

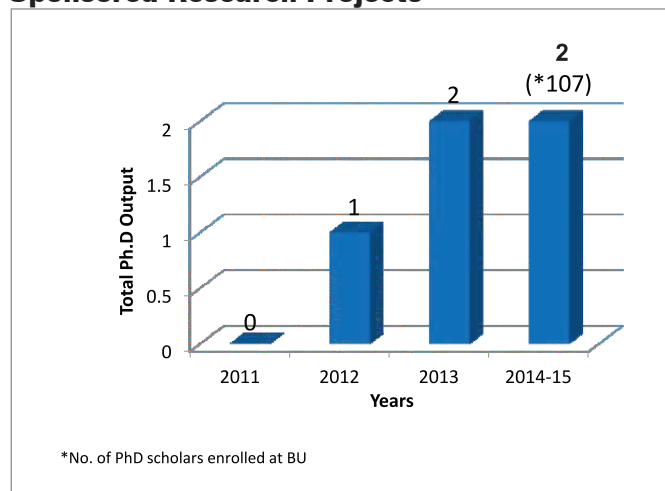


### Total PhD Output

Three PhD scholars have completed their doctoral degree from BU during 2014-15 making the total fourteen who have been awarded PhD degrees at BU.

Currently, 107 PhD scholars have been enrolled in different programs of PhD, being conducted at BU.

### Sponsored Research Projects



Bahria University believes that research work should be done at applied level where socio-economic improvements are evident. The details of research funding acquired by the BU Researchers for such research endeavors in the year under report, are as follows:

### Research funding from HEC under National Research Program for Universities (NRPU)

A research project titled “Domestic E-Commerce Business as a Catalyst of Economic Growth: An analysis of opportunities and impediments” has been approved by HEC under National Research Program for Universities (NRPU) worth of Rs. 1.455 Million.

Dr. Faisal Aftab (Associate Professor & Director ORIC) is the Principal Investigator of the project. E-commerce will be the most important strategic ingredient for moving towards achieving Vision 2025’s aggressive agenda of leap-jumping the country into ‘knowledge era.’ This project aims to investigate the impact, contribution and impediments of e-commerce in achieving the intended high economic growth. In doing so, the research will estimate the potential size of domestic e-commerce market. The research also intends to find out, in quantifiable terms, the employment opportunities that may be created as a result of e-commerce. The research study will identify whether any relationship exists between electronic forms of payment and GDP growth in the context of Pakistan. The outcome of this research will help the government to formulate appropriate interventions and policies in the area of e-commerce.

### **Research funding from HEC under PERIDOT Research Program**

A research project titled “Automated Detection of Neuropsychological Impairments from Image-Based Visuo-constructive Screening Tests” has been approved by HEC under PERIDOT Research Program worth of Rs. 0.66 Million.

Dr. Imran Siddiqi (Assistant Professor, Department of Computer Science, Bahria University Islamabad Campus) is the Principal Investigator of the project. In this project the researchers of Pakistan will visit France and Researchers from France will Pakistan to work on specific research areas by using labs and facilities of both the countries in two years duration.

#### **2.10.3 Research Funding from HEC-Social Integration Outreach Program**

HEC has approved the research funding of Rs. 1 million to a project titled “HEC-Social Integration Outreach Program using PV System” under HEC-Social Integration Outreach Program. In this project, HEC and Bahria University will contribute equal matching grant.

Mr. Jahanzeb Ahmad (Associate Professor, Department of Electrical Engineering, Bahria University Islamabad Campus) is the Principal Investigator of the project.

In this program, Bahria University intends to achieve the following goals for the benefit of Pakistani society in the area of energy savings:

- a. Educate the public about the benefits of using roof top solar panels to meet their daily electricity requirements through seminars and roadshows.
- b. Generate awareness about the newly approved Federal Government policy on using grid tied PV systems with reverse metering, and how it can hugely benefit the public with very little investment through seminars and road shows.
- c. Enable the general public to calculate the actual cost of the system based on their electric loads through easy to understand rules.
- d. Setup a small lab at Bahria University open to public for quality testing of solar panels and inverters and to provide actual real output data of these panels as opposed to manufacturer / seller claims. This will save the public from buying substandard solar panels and losing their investment after a short period of time. A small fee will be charged to cover the cost of testing of panels and other equipment, and this fee will cover the honorarium of the testing personnel and lab maintenance expenses. This way the lab will become

self-financed and no further burden would be placed either on Bahria University or HEC.

### **Research Funding under International Collaboration Project with York St John University, UK**

A research project titled “Understanding the Pedagogical foundation of International Students” has been approved under an International Collaboration Project with York St John University, UK, worth of Rs. 0.785 Million.

Prof. Dr. Nadia Tahir (Head, Department of Management Sciences, Bahria University Islamabad Campus) is the Principal Investigator of the project. The major aims of the project are as follows:

- a. Enhance the student experiences for all on-campus international students.
- b. Support the development of sustainable and robust range of collaborative provision.
- c. The project will contribute to the university’s research strategy resulting in research-informed pedagogy.

### **Research Funding from International Food Policy Research Institute (IFPRI) under the Competitive Grants Program of the Pakistan Strategy Support Program (PSSP)**

International Food Policy Research Institute (IFPRI) USA, under the Competitive Grants Program of the Pakistan Strategy Support Program (PSSP) designed by Planning Commission, Government of Pakistan, has approved the research funding of US \$ 12,000 for a research project titled “Non Payment of Standardized Compensation; A Non Compliance Issue during Social Compliance Audits in Textile and Garments Sector of Pakistan.”

Mr. Muhammad Faraz, (Assistant Professor, Department of Management Sciences, Bahria University Karachi Campus) is the Principal Investigator (PI) and Dr. Faisal Aftab (Director ORIC) is the Co-Investigator (Co-I) of the said research project. The duration of the project is one year i. e. July 2014 to July 2015.

### **Research Funding from United Nations Program on HIV/AIDS (UNAIDS)**

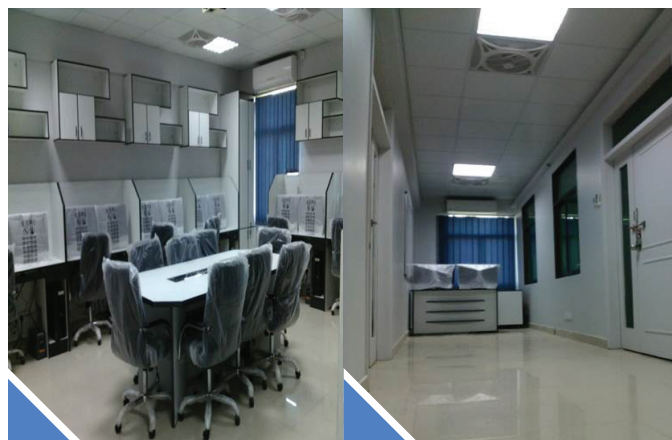
United Nations Program on HIV/AIDS (UNAIDS) has been approved for the research project proposal



submitted by BU providing the funding of Rs. 1.439 million to BU for conducting the training. The specific objectives of the training program is to strengthen the capacity of UNAIDS partners on counseling for HIV/AIDS, the capacity building of UNAIDS Project team and to train the participants in pre and post HIV test counseling skills. This activity has been conducted at Karachi & Lahore Campuses of Bahria University, by Institute of Professional Psychology - Bahria University Karachi Campus. Ms. Batool Fatima, a national expert on HIV/AIDS counseling have conducted the training and was co-facilitated by two other members from Bahria University i. e. Dr. Zainab F. Zadeh (Director IPP - BUKC) and Dr. Uzma Masroor (HOD PP – BUIC). A Programme funding agreement for financial contributions to a technical/capacity building project on HIV counseling was signed between UNAIDS & BU on 28th January, 2015.

**Establishment of the Digital Geophysical Data Labs (DGDL) at Bahria University Karachi Campus through funding from Pakistan Petroleum Limited (PPL):**

Bahria University Karachi Campus (BUKC) took an initiative and played a leading role in establishing the Department of Earth & Environmental Sciences (E&ES) in 2008, and started BS Degree program in Geophysics. After initial footing, the Pakistan



*Glimpses of the newly established Digital Geophysical Data Labs at BUKC (Inside view)*

Petroleum Limited (PPL) provided jubilant patronage to BUKC by creating PPL Chair at the Department of Earth & Environmental Sciences. The chair was activated in May, 2012, which provided great encouragement, confidence and impetus to the department. Under new academic strategy the internal learning-teaching environments were improved, and essential measures were implemented to uplift the standards of teaching and research in Geophysics. Further, the program of MS in Geophysics was started in 2012 and preparations for the commencement of PhD degree program triggered. Since the department was missing necessary lab facilities for undergraduate and



*Glimpses of the newly established Digital Geophysical Data Labs at BUKC (Inside view)*



*Glimpses of the Inaugural Ceremony of DGDL at BUKC*

postgraduate Geophysical programs, a proposal for developing Digital Geophysical Lab equipped with high-end hard and software facilities was submitted to PPL by Prof. Dr. Mubarik Ali (HOD, E&ES Department, BUKC). Similarly, LMKR Islamabad, and DGB Netherlands were approached for the support. The proposal got due attention and tangible outcome of the request is the generous support of PPL (Rs. 15 million) for establishing the Digital Geophysics Data Lab, LMKR (5 licenses of industrial software Geographix), and dGB Netherlands (12 licenses of industrial software Open Tact). The Digital Geophysical Data Labs (DGDL), the state-of-the-art, have been created at E&ES Department, Bahria University Karachi Campus, inaugurated by Syed Wamiq Bokhari, Managing Director and CEO, Pakistan Petroleum Limited (PPL) on 13th May, 2015. It is a unique facility of this level in the academic sphere of the country.

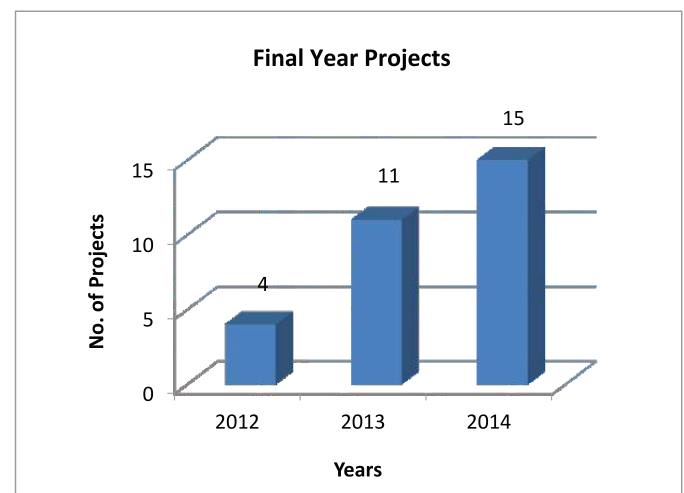


*Glimpses of the Inaugural Ceremony of DGDL at BUKC*

### **Final Year Projects (FYPs) supported by ICT R&D Fund**

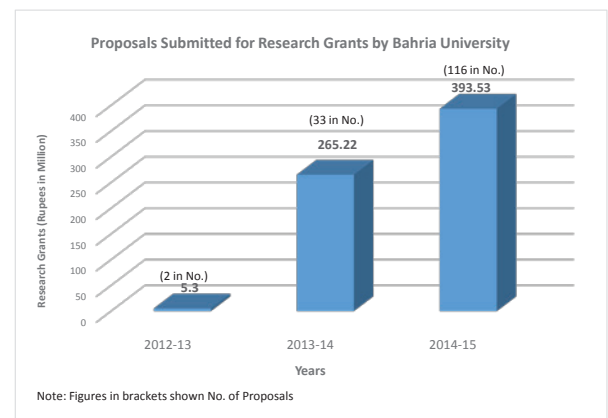
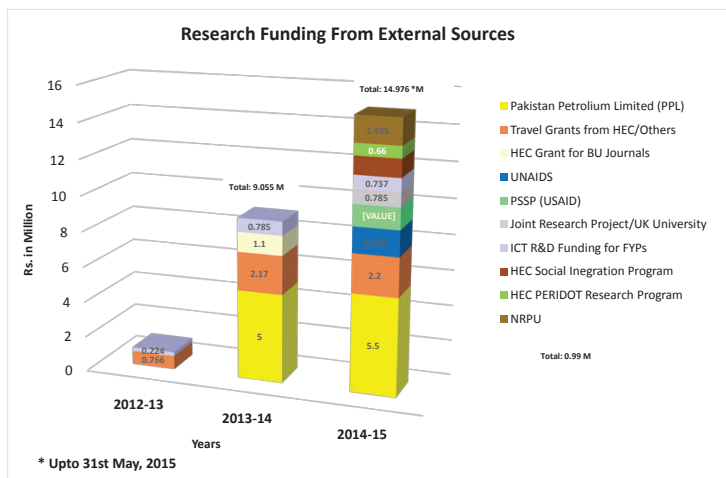
Fifteen (15) Final Year Projects (FYPs) of the students of Engineering and Computer Sciences disciplines of Bahria University Islamabad & Karachi Campuses have been approved by the National ICT R&D Fund for research funding during the year 2014 while 53 research projects are under evaluation process at National ICT R&D Fund, number of an upward trend as compared to previous years are shown:

**Details of approved Final Year Projects (FYPs) for 2014 are given below:-**





S.No.	FYP Title	Department
<b>Bahria University Islamabad Campus</b>		
1	Solar Controlled auto irrigation system	Computer & Software Engineering
2	Real time image stitching using beagle board	Computer & Software Engineering
3	ATM system design through finger print with solar panel	Computer & Software Engineering
4	Autonomous Robot control with obstacle avoidance	Electrical Engineering
5	Autonomous Quadcopter	Electrical Engineering
6	Practical Installable system for biometric authentication using FR	Electrical Engineering
<b>Bahria University Karachi Campus</b>		
7	Design and fabrication of autonomous UAV drone with high speed image processing and wide range control	Electrical Engineering
8	Tidal Power Plant	Electrical Engineering
9	Production of electricity through biogas/ Human wastage through PLC	Electrical Engineering
10	AI based Timetable Generator	Computer & Software Engineering
11	Rule based event log	Computer & Software Engineering
12	Student performance forecasting	Computer & Software Engineering
13	m-Tourism: An interactive multi-Lingual mobile app for city exploration	Computer Science
14	Voice Transformer	Computer Science
15	Smart Attendance System	Computer Science
<b>Total</b>		



### **Commercially viable projects of BU displayed at 14th ITCN Asia International ITC Exhibition-2014**

Bahria University displayed 11 commercially viable projects of Bahria University at 14th ITCN Asia International ITC Exhibition held on 26-28 August, 2014 at Karachi Expo Centre, Karachi. Name of the displayed projects are as under:

1. Strategy Evaluation engine based on a 3D
2. Automated face recognition using hand-made sketches
3. Smart Energy Meter (Alternative of UPS)
4. Building Management System
5. Automated face recognition using hand-made sketches (Software Project)
6. Smart Energy Meter (Alternative of UPS) (Electronic-Hardware Projects)
7. Strategy Evaluation engine based on a 3D (Software Project)
8. Building Management System (Software Project)
9. Automatic Multi-fluid Filling and Labeling Machine (Electronic - Hardware Project)
10. SMART Design (Software Project)
11. Home Automation by Speech Recognition (Electronic - Hardware Project)

### **Commercialization of Research (Commercially Viable Projects of Bahria University)**

#### **System for the Automation of Flour Mill for Weighing Process Developed by the Researchers of Bahria University**

##### **Problem Identification**

After performing detailed analysis of why flour mills industry in Pakistan is not flourishing, it was found that the major reason is pilferage of stock. The owners of flour mills had no system to get knowledge of total amount of flour being produced and relied on subordinates who were involved in stealing of the flour to be sold in black.

##### **Solution**

The Student Researchers of Bahria University Islamabad (Software Engineering Department) has developed a System named “Automation of Flour Mill for Weighing Process” for such industries which will provide feedback to the end users about the

amount of the product being processed. This System automatically fill the required weight and controls the weighing process. The System is also able to send data to end users for having a check on filling process of the product and all the corresponding parameters. The System is tested to ensure all its functionalities.

Office of Research, Innovation & Commercialization (ORIC) at Bahria University successfully commercialized this System by installing it at Sunny Floor Mill (Sector I-9, Industrial Area, Islamabad) which is a significant success for Bahria University.

#### **Kido E-Learning System Developed by the Researchers of Bahria University**

##### **Problem Identification**

In Pakistan, pre-school educational process needs significant improvements due to lack of teachers, infrastructure, techniques and latest technologies.

High quality early-childhood education also known as Kindergarden (KG) education can improve a Child's Social and Economic outcomes and establish a firm base for future education.

##### **Solution**

Bahria University has currently donated and deployed “Kido E-Learning System” at Sky School System, Islamabad which is a school for Orphans. “Kido E-Learning System” developed by the researchers of Bahria University provide solutions to above mentioned problems. This system, which Bahria University has implemented contains digital lessons, worksheets, assessment reports. Students use their pencils to write on touch-screens, attached to the computers that has Kido E-Learning Software installed. Through digital reports generated by the software, teachers can monitor student's performance and focus on those students who need more attention, hence, making teaching process more effective and efficient.

#### **iTrack Vehicle Tracking System developed by the students of Bahria University**

##### **Problem**

There are many problems being faced by the passengers of Pakistan in local/public transport and students in university busses like timings of buses, routes, directions. Some drivers of the private and government organizations are also involved in corruption like stealing the petrol from vehicles.

## Solution

iTrack is a tracking system for the student buses that provides the real-time location of the bus without any delay. The system has been developed by the students of Computer Engineering Department, Bahria University Islamabad Campus. It is an efficient and cost-effective solution with no involvement of any third party services for getting tracking assistance. It is a GPS (Global Positioning System) and GSM (Global System for Mobile communication) based system that incorporates the functionalities of both to provide a direct contact with the bus at all times, helping to monitor and keep a check on the bus for moving on the correct route. This system will also help the university management to analyze the pros and cons of the route, fuel calculation and the estimated arrival time of the bus to the next stop and to the university. The system provides a web based user friendly interface with the inclusion of Google Maps API (Application Programming Interface). For avoiding complexities, the system just provides a small node that is installed in the bus, and a computer with an internet connection to view the live stream.

## Modeling, Simulation and Implementation of Prosthetic Lower Limb by the Researchers of Bahria University

### Problem Identification

Human body consist of several biological muscular system capable of performing movement tasks in different ways. Mathematical modeling and implementation of these systems is one of the important and long standing problem in bio-mechanics, prosthetics, control system and robotics. In Pakistan, there are large number of amputations in limbs caused due to bone cancer, massive 2005 earthquake, suicide bombers and landmines. Due to increased number of patients in limb loss, there was a need to research on prosthetic lower limb.

### Solution

In order to motivate the design of leg machines a low cost Arduino based prosthesis is developed by the student researchers of Bahria University Islamabad Campus, which is capable of human lower limb system. It features lightweight aluminum links and servo-mechanism for position control. A novel technique known as bondgraph is used to obtain state space of different movements of human leg. Stability and performance enhancement is achieved using

state feedback observer controller. Subsequently, new mechanical model of human leg is proposed. Different movements of human leg have been successfully verified in mechanical leg. Mechanical leg copies the movements when commanded by the master. The results show that the mechanical model exhibits excellent tracking capability. Brain functionality can be incorporated in mechanical model to control it using brain signals.

## Human Identification using Electrocardiogram (ECG) Signal from Wrist Mounted Sensors

### Problem Identification

Biometric systems are used to perform identification or identity verification of individuals. These systems work on the proposition that there is resemblance between two recordings coming from same individual. Use of internal biometric traits is trending due to high level of accuracy and great impossibility of forging the system.

### Solution

The system has been developed by the students of Bahria University Islamabad Campus that uses relevant information for human identification from ECG signals. The band is a wearable biometric identity device that lets you use your heart's unique signature to authenticate and confirm the identity of the person wearing the wrist band. The designed prototype is an embedded device capable of capturing single channel ECG using an Analog Front End circuit and performs analysis on it for person identification using signal processing and machine learning methods.

## ECG Based Cuff-Less Blood Pressure Using Average Pulse Transmit Time

### Problem Identification

Doctors are currently using the Arm Cuff to analyze the blood pressure of the patients. Currently, there is no measure available in Pakistan, to measure the blood pressure without using the arm-cuff.

### Solution

Mr. Farooq Shibli, the students of Computer Science Department of Bahria University Karachi Campuses conducted a study (in his MS thesis) to measure blood pressure without cuff. The Research is to encourage Doctors and paramedical staff to analyze blood Pressure without cuff on hand. Using ECG signal waves, time interval is the key factor which establishes

the relationship between ECG signal and blood pressure. Calculation of systolic and diastolic blood pressure is possible using time interval technique. It requires ECG signal processing to calculate ECG values, signal arrival and ending time condition. The major advantage of this study is to analyze steady values of blood pressure, and make better decision of subject health condition. The presented study also suggests calculating ECG signal from human body using average pulse transmit time technique process and calculates non-invasive cuff less error free blood pressure.

### **Occluded Face Detection in Unconstrained Crowd Scene**

#### **Problem Identification**

Face verification system's have gained significant attention in last few years due to increased security concern in public and private places.

#### **Solution**

Face detection is the most important and initial stage in automatic face verification system. It helps to determine the existence of faces in an image and return the position and location of the face. Face verification system accuracy depends on face detection. Human faces are not always frontal and have many variations, therefore, face detection is challenging in unconstrained scenarios. One main challenge of face detection is occlusion. In this research work, a method is proposed to address this challenge in unconstrained face detection. Proposed work introduces an occluded face detection system. The Viola-Jones algorithm which is the real time frontal face detector has been adopted in the proposed approach along with new type of features called free rectangular features. Two cascade classifiers are used in which one is trained for holistic faces and second is trained on half occluded faces, both of the classifiers are used in parallel to work in unconfined scene. Additionally, for improvement the correctness and proficiency of the system, skin color models are applied for development and removing of false positive detection. Three experiments had been carried out to test the effectiveness of the system. First experiment is performed on public database, second experiment on the unconstrained crowd images collected through internet and third experiment on uncrowded images. Qualitative evaluation on second and third experiment has been performed. The experimental results showed that the system is effective in detecting the half occluded and holistic faces in unconstrained scene. Although

there is still need for improvement to out of focus or, blurred faces.

### **Bookworm (An Incubatee Company of Bahria University Karachi Campus)**

#### **Problem Identification:**

It was during his university days that Talha Bin Shuja (student of Bahria University Karachi Campus) witnessed first-hand the precipitous decline in reading habits amongst Pakistani youth. While his peers studied hard, they had little interest in exploring areas beyond their course requirements. There was no curiosity in literature, history, or current affairs. Furthermore, the mandatory course books were also expensive, leaving cash-strapped students with little disposable income to spend elsewhere.

#### **Solution:**

Bookworm is a start-up initiated by two students of Bahria University Karachi Campus named Talha Bin Shuja and Asad Khan, in pursuit of better Pakistan.

Together, they started with Bookworm, an ecommerce store concentrating on books and magazines. Titles on the site were significantly cheaper than those found in larger retailers, and they hoped that this difference in price would help startup gain traction and slow the decline in reading habits.

The sharing model, a "Tree Swap System", is a fairly unique idea. Whenever users share a book with someone else on the portal, they are rewarded with a "Bookworm Coin", which enables them to request a book from another user. The coin is then transferred, and the cycle continues.

They believe this is the first time such a concept has been introduced in Pakistan and plans on several iterations in order to implement a monetization strategy. While swaps will always be free, users will be able to purchase a Bookworm coin if they do not want to give up one of their books in return. In the future, the coins will also be redeemable at retailers and other outlets.

### **Launching of "The 4th Floor App" By Macro Innovative Technologies, An Incubatee Company of Business Incubation Centre (BIC), Bahria University Islamabad Campus**

#### **Problem Identification**

In the shopping malls, it is usually difficult to select the good food which is also cost effective among the variety of foods items available at different restaurants/ food courts.



### Solution

The “4th Floor App” was introduced by Macro Innovative Technologies, an Incubatee Company at Business Incubation Centre (BIC), Bahria University Islamabad Campus. The “4th Floor App” provides a solution for the customers at different restaurants to select menu and order food online by using this app on their android cell phones.

The “4th Floor App” was commercially launched by Macro Innovative Technologies at the Centaurus Mall, Islamabad, in collaboration with the Centaurus Mall – Islamabad held on 1st May, 2015. This was a good opportunity for the incubatee company of Business Incubation Centre (BU Islamabad Campus) to showcase its App for potential users. Furthermore, it was an opportunity for BU to introduce its incubatee firm at that platform and in other Malls.

### Copyright Registered

A copyright of Bahria University has been registered by Dr. Imran Siddiqi, Assistant Professor (Department of Computer Sciences) Bahria University Islamabad Campus, for his software system titled “Writer Recognition System Based on Extended Codebooks of writing Documents for Forensic Purposes” by



*Glimpses of the launching ceremony of the “4th Floor App”*

Innovation & Commercialization Centre (ICC) – Universiti Teknologi Malaysia, registered on 17th December, 2014.

### Bahria University Best Faculty & Student Researcher Awards – 2014

BU has the policy of Best Faculty and Student Research Awards to encourage the faculty members and students of Bahria University for the achievements

S. No.	Name of Faculty Member/Student	Category of Award
1	<b>Prof. Dr. Shehzad Khalid</b> Head, Department of Computer Engineering, BUIC	Best Faculty Researcher Award 2014 - Bahria University Islamabad Campus
2	<b>Mr. Sohail Jabbar</b> PhD Scholar, Department of Computer Science, BUIC	Best Student Researcher Award 2014 - Bahria University Islamabad Campus
3	<b>Prof. Dr. Farooq-e-Azam Cheema</b> Dean - Faculty of Management & Social Sciences HOD – Department of Management Sciences, BUKC	Best Faculty Researcher Award 2014 - Bahria University Karachi Campus
4	<b>Ms. Zaynah Khan</b> Student of BS in Professional Psychology, IPP – BUKC	Best Student Researcher Award 2014 - Bahria University Karachi Campus
5	<b>Dr. Rizwana Bashir</b> Associate Professor Department of Management Sciences, BULC	Best Faculty Researcher Award 2014 - Bahria University Lahore Campus
6	<b>Dr. Daud Mirza</b> Assistant Professor, Department of Oral Pathology, Dental Section - BUM&DC	Best Faculty Researcher Award 2014 - Bahria University Medical & Dental College - Karachi

in their research endeavors in a particular year. After evaluating the research endeavors of nominations received for the said awards from Constituent Units of BU, Honorable Rector conferred the Awards of Best Faculty & Student Researchers for the year 2014 to the following faculty members & students at each campus and Bahria University Medical & Dental College.



*Best Faculty Researcher Award at BUIC*



*Best Faculty Researcher Award at BULC*

### University-Industry Linkages (2014-15)

To promote and develop University-Industry linkages, Bahria University signed following MOUs with various organizations during the year under report:

All Pakistan Geoscientists Association (APGA)	24 <sup>th</sup> Feb 15
Capital Development Authority (CDA)	28 <sup>th</sup> Jan 15
Agreement signed to conduct training under MOU with United Nations Program on HIV/AIDS (UNAIDS)	27 <sup>th</sup> Jan 15

### PLC LAB at BUIC in collaboration with Electrical Engineering Solutions International (EESINT)

- Through an MOU signed with M/S Electrical Engineering Solutions International (EESINT) on 7<sup>th</sup> November 2013, they have established a PLC Lab at BUIC, by providing equipment worth Rs. 3.7 Million free of cost.
- The lab is used for training of professionals from the industry by qualified trainers provided by M/S EESINT.







*Programmable Logic Controllers (PLC) Industrial Automation Lab at BUIC*

- So far more than Fifty Professionals including our own faculty & students have been trained and the program is continuing. In the process, a revenue of Rs.0.938 Million has also been generated.

#### **MOU between Bahria University & CDA Training Academy**

An MOU was signed between Bahria University (BU) and CDA Training Academy (CTA) on 28th January, 2015. Dr. Faisal Aftab, Director ORIC on behalf of Bahria University and Mr. Sana Ullah Aman, Executive Director General, CDA signed the said MOU at BU Headquarters Islamabad. BU & CTA are of belief that a formal memorandum will provide the structure and basis of implementing and expanding joint research and for developing and applying this research to achieve innovative, demonstrable results.



*MOU Signing Ceremony between BU & CDA Training Academy*

The MOU will focus on collaboration on a variety of basic and applied research areas. These centers will be located in Pak China Friendship Centre for the purpose of Joint Research and Development efforts. Bahria University and the CDA Training Academy (CTA) agree to the following memorandum of understanding (MOU):

- Subject to the written approval by the CDA, the Department of Earth and Environmental sciences shall include the name of the CDA in its prospectus.
- Subject to a request by the university, the CDA will provide the training materials for example books, technical notes on various topics, texts of technical speeches, reference material, etc.
- The university would provide a list of its faculty members to CDA possessing expertise in different technical fields. Different technical projects could be executed from the platform of university and / or CDA utilizing the technical expertise of both.
- At the request of the university the CDA would offer internship program to the students and assist in organizing workshops, lecture series, training and seminars etc.
- The CDA would help the university in conducting various Community Support Program (CSP) modules.
- CDA Training Academy and Bahria University will mutually facilitate for the shared course and will provide access to the information.

### **MOU between Bahria University & All Pakistan Geoscientists Association (APGA)**

Islamabad: Bahria University (BU) signed a memorandum of understanding (MOU) with All Pakistan Geoscientists Association (APGA) on 24th February 2015 for providing academics and research activities. The Contract signing ceremony was held at Bahria University Islamabad where Rear Admiral (Retd) Saleem Akhtar HI (M), Pro-Rector Bahria University and Mr. Junaid M. G. Kiani Patron-in-Chief (APGA) signed the contract in presence of dignitaries and officials from both organizations. The MOU focused on collaboration on a variety of basic and applied research areas. Both organizations agreed to enhance mutual cooperation in many areas including students' industrial visits, joint research projects and guest lectures. A Research Cell will be established by APGA where various equipment for measuring Weather will be installed at Bahria University Islamabad Campus and then Karachi Campus for the researchers of BU.



*MOU Signing Ceremony between BU & APGA*

APGA will also integrate BU's community support program for all the departments within BU for Blood Donation Camp, Islamabad Traffic Rules, Recycling, Health & Safety, Civic Sense and Public Awareness Campaigns with the support of Traffic Police, CDA, etc.

While addressing the audience, Rear Admiral (Retd) Saleem Akhtar HI (M), Pro-Rector Bahria University appreciated the efforts of APGA members and added that at Bahria University we are emphasizing on research and technology which is required for the economic growth of Pakistan. He also focused on mutual collaboration areas and their importance for students and faculty of university.

Following are the salient aims and objectives of the MOU

- a. Establishment of Research Cell at BU.
- b. Installation of equipment (related to weather) provided by APGA at BU.
- c. Integration of APGA into the existing Community Support Program for BU.
- d. Academic/research activities i. e. students' industrial visits, joint research projects & guidelines to post graduate students for internships.
- e. Arrange training programmes/guest lectures jointly by APGA & BU.

### **Agreement signed to conduct training under MOU between Bahria University and United Nations Program on HIV/AIDS (UNAIDS)**

The Office of Research, Innovation & Commercialization (ORIC) in collaboration with Institute of Professional Psychology (IPP) submitted a proposal for conduct of trainings regarding HIV/AIDS counselling to UNAIDS facilitated NGO project team members.



*Agreement Signing Ceremony between BU & UNAIDS to Conduct Training*

The proposal has been designed considering the fact that counselling in the context of HIV/AIDS has become important in provision of prevention, treatment and care services over the past years. The designed training will play an important role in building and strengthening pre and post HIV test counselling skills in social and health care workers to provide quality VCT to their clients. The project started on February 1, 2015 and will be completed on March 31st, 2015 UNAIDS will contribute a maximum amount of PKR 1,439,500 (Rs. 1.4395 Million) towards the execution of trainings at Islamabad and Karachi Campuses. Agreement signed to conduct training under MOU with United Nations Program on HIV/AIDS (UNAIDS). The financial



agreement signing ceremony between BU & UNAIDS to conduct training was held on 27th February, 2015. Vice Admiral Shahid Iqbal HI(M) (Retd), Honorable

Rector Bahria University and Mr. Marc Saba, Country Director, UNAIDS signed the said MOU at BU Headquarters Islamabad.

S. No.	Title of Conference	Venue	Date of Conference
1	3 <sup>rd</sup> International Conference on “Emerging Trends in Prosthodontics”	NUST, Islamabad	29-31 August, 2014
2	Pharmacology Conference – 2014	BUM&DC - Karachi	25 <sup>th</sup> September, 2014
3	15 <sup>th</sup> Annual PAP Conference on “Fifty Years of Pakistan’s Population Program: Setting Strategic Priorities Program Direction for Vision 2025”	Bahria University Islamabad Campus	18-19 November, 2014
4	17 <sup>th</sup> International IEEE Multi Topic Conference (INMIC - 2014)	Bahria University Karachi Campus	8-10 December, 2014
5	6 <sup>th</sup> International Maritime Conference -2015 on “Maritime Economy, Environment, and Security Co-operation: Bringing the West Pacific and the Indian Ocean Closer”	NCMPR, Bahria University Karachi Campus	14-16 February, 2015
6	Bahria University National Conference for Management Sciences - 2015 on “Role of Private Sector in Socio-Economic Development of Pakistan”	Bahria University Karachi Campus	16 - 17 April, 2015
7	International Conference on “Role of Universities in Building Global Citizen”	Bahria University Islamabad Campus	22 - 23 April, 2015



### **3<sup>rd</sup> International Conference on “Emerging Trends in Prosthodontics” jointly organized by Bahria University and NUST at NUST, Islamabad.**

3<sup>rd</sup> International Conference on “Emerging Trends in Prosthodontics” jointly organized by Bahria University and NUST was held on 29-31 August, 2014 at NUST, Islamabad. The theme of the conference was “Emerging Trends in Prosthodontics.” This mega event was attended by over 600 participants including senior and junior level prosthodontics of the country in addition to prosthodontics faculty of different colleges,

residents, house surgeons and undergraduate students. The main attraction of this conference was its rich scientific program. International speakers from various parts of the world attended the event as guest speakers.

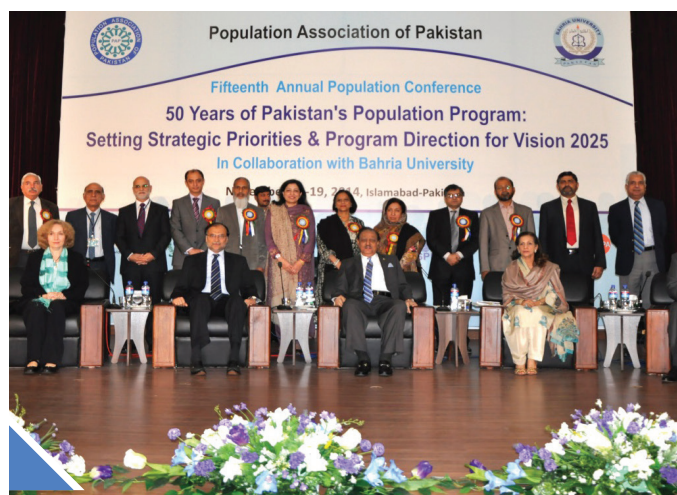
### **Pharmacology Conference – 2014 at Bahria University Medical & Dental College, Karachi.**

Pharmacology Conference – 2014 was arranged at Bahria University Medical & Dental College, Karachi on 25<sup>th</sup> September, 2014. In 21<sup>st</sup> century pharmacology has increased its horizon from merely a simple science that deals with drugs to new emerging trends of Pharmacogenomics, Pharmacogenomics, that are striving hard to provide individualized and tailored therapy for individuals to Pharmacovigilance, Pharmacogenomics and alternatives of Herbal Medicines. The theme of the conference was highlighted in a very impressive way by the key note speaker Prof. Ahsana Dar Farooq. It is a tradition of Pharmacology department of Bahria University Medical & Dental College to assign every year an academic activity to the students, alongside their conventional training to inculcate “out of box thinking” and “critical thinking” that is to create a bit more interest in these young minds for the subject. This year the task assigned was “To search and make Drug Update Presentations of 2013 and 2014” This provided the base for Students Session

to train and groom the faculty for research work as it is a mandatory step that they should not only attend but also present and justify their piece of work in the conferences/ symposia for the generation of future hypothesis and work. This provided the basis for the Scientific Session with 12 original papers.

### 15th Annual PAP Conference at Bahria University, Islamabad

The Population Association of Pakistan (PAP), in collaboration with Bahria University organized its 15th Annual Research Conference from 18 to 19 November, 2014 at Bahria University Islamabad Campus. This year conference theme was “50 Years of Pakistan’s Population Program: Setting Strategic Priorities & Program Direction for Vision 2025”. The objective of the 15th Annual Conference was to provide a forum to the policy makers, researchers, politicians, religious leaders, media, civil society and development partners working on issues related to population and development that will help in disseminating stock of research findings in modifying policy development in Pakistan.



*Group Photo of Honorable Guests and Participants with Chief Guest H.E. Mr. Mamnoon Hussain, the President of Islamic Republic of Pakistan, at 15th Annual PAP Conference – 2014*

The President of Islamic Republic of Pakistan, H.E. Mr. Mamnoon Hussain, graced the occasion as Chief Guest.

### 17th IEEE Multi Topic Conference (INMIC-2014) At Bahria University Karachi Campus

Bahria University Karachi Campus hosted a three days International Conference, 17th IEEE International Multi-topic Conference from 8 to 10 December, 2014 at

its Karachi Campus. The Conference is held regularly in Pakistan under the flag of IEEE, started in 1997 on yearly basis at different institutions and has become one of the mega events in Pakistan for University Students and Researchers in the field of Science and Technology, in general and Engineering in particular.

The conference was a joint venture between IEEE and Bahria University, aimed at discussing and presenting the latest advancements and technical solutions in the field of Electrical Electronics, Computer, Telecommunications Engineering and Information Technology. A large number of academicians, researchers and students from all over Pakistan attended the Conference.



*Group Photo of Honorable Guests and Participants of 17th IEEE INMIC - 2014*

### 6th International Maritime Conference – 2015

National Centre for Maritime Policy Research (NCMPR), Pakistan arranged the 6th International Maritime Conference (IMC 2015) in befitting manner at Marriott Hotel Karachi from 14 to 16 February 2015. The topic of the conference was “Maritime Economy, Environment, and Security Co-operation: Bringing the West Pacific and the Indian Ocean Closer”. The



*Group Photo of Honorable Guests and Participants of 6th IMC - 2015*



three days conference was attended by approx. 400 participants includes Rep of maritime organizations, commercial organizations, rep of government institutes, personnel of defence forces, students, researchers and media representatives. A number of foreign delegates also attended the conference as observers.

### **Bahria University National Conference for Management Sciences - 2015 on "Role of Private Sector in Socio-Economic Development of Pakistan"**

Management Science Department of Bahria University Karachi Campus hosted a two day National Conference on Role of Private Sector in the Socio-Economic Development of Pakistan on 16 - 17 April, 2015. The aim of the conference was to highlight and acknowledge the role of private sector in the economic well-being of the people and country, exploring new roles of private sector and developing meaningful relationship between private sector and academia.

Director General Bahria University Karachi Campus



*Group Photo of the National Conference*

Vice Admiral (Retd) Khalid Amin HI(M) welcomed the participants and thanked Higher Education Commission and other sponsors for their support. In his welcome address, he offered services of Bahria University for conducting research on the industry related issues.

Renowned Businessman and industrialists including Mr. Muhammad Hanif Jakhura, Dr. Mirza Ishtiaq Baig, Mr. Ateeq-ur-Reman, Mr. Mehtab Chawla, Mr Munir Kamal Juddon and Mr. Zahid Saeed, Rashid Ahmed Siddiqui and Mazhar ul Haq Siddiqui addressed the participants in various sessions.

While acknowledging the contribution of the private sector the participants emphasized on collaboration between the government, private sector, and academia for identification of new projects for the socio-economic development of the country.

Besides academicians, researchers and faculty representatives of the corporate sector also attended the conference. The conference culminated on 17th April, 2015 in an impressive ceremony, in which President Karachi Chamber of Commerce & Industry Mr. Ijaz Vohra was the chief guest.

### **International Conference on "Role of Universities in Building Global Citizen" at Bahria University Islamabad**

A two day International Conference on 'Role of Universities in Building Global Citizens (RUBGC)' was organized by Bahria University Islamabad on 22-23 April, 2015. The conference offered platform for academicians, researchers, practitioners and students to learn and share knowledge. The conference was divided into different themes covering challenges and opportunities of a globalized curriculum, creating global



*Group Photo of the International Conference*

values free of fear and prejudice, preparing students for the global workplace and technology. Chairman Higher Education Commission, Dr. Mukhtar Ahmad, graced the occasion as a Chief Guest on the inaugural session of the conference. While speaking to the audience, he said that there is no doubt that youth are the future of Pakistan, a modern progressive Pakistan, free of prejudice and fear and bigotry. If you imbibe these values, you also become the future of this world because these are also the global values. He said that it is time to empower students so they can realize their own potential and can contribute in a better integrated world.

The conference was inaugurated with an opening speech by the Pro-Rector of BU, Rear Admiral (R) Saleem Akhtar HI(M). He expressed his gratitude to the chief guest for his presence in the ceremony. He said that the main objective of this conference is popularizing the idea of global citizenship and providing a catalyst for transition to the era of nationalism to the idea of internationalism, which can help students to actively help shape their lives and the environment they live in. He said that the concept of viewing different socio-cultural, economic and political scenarios through one global lens must result in an inclusive worldview by overcoming its challenges and appreciating the opportunities offered by it.

The key note speakers of the conference, H.E. Mr. Peter Heyward, Australian High Commissioner, Islamabad, Dr. David Rowland, Valparaiso University, USA, Mr. Douglas Meikle, York St. John University, UK, Dr. Peter Woods, Director International, Griffith University, AUS, Dr. Kathleen Lilley, School of Public Health, Griffith, Professor Michelle Barker, Griffith University, AUS, shed light on the challenges

being confronted by educational institutions for incorporating a globalized curriculum.

The conference speakers presented their respective papers on the themes such as creating global values free of fear and prejudice. Prominent distinguished foreign speakers from UK, USA, Australia, Netherlands and Finland participated in the conference.

### International/National Conferences Organized by Bahria University

In the academic year 2014-15, Bahria University organized the following national/ international conferences:

#### Call on Professor Ahsan Iqbal (Minister For Planning, Development & Reform / Deputy Chairman Planning Commission)

Vice Admiral (Retired) Tanveer Faiz HI(M), Rector Bahria University visited the office of Professor Ahsan Iqbal (Minister for Planning, Development & Reform / Deputy Chairman Planning Commission) on 2nd April, 2015. Rector BU acknowledged the efforts of Honorable Minister for spear heading the development of Vision - 2025 for Pakistan and told that Bahria University faculty and staff have been highly supportive for the various initiatives taken in this regard by the Government of Pakistan e.g.

- Provided CVs/Profiles of key faculty members to the planning commission for involvement in various committees during the preparation of Vision 2025, Five year plan and Annual Development plan.



*Honorable Minister (Planning Development & Reform) with Rector - Bahria University*





*Honorable Minister (Planning Development & Reform) with Rector Bahria University, Director ORIC – BU & Focal Person (IT) – Planning Commission*

- Dr. M. Ali Saeed, ex-HOD MS, BUIC contributed as a member of the sub-committee under the chairmanship of Secretary Ministry of Commerce for promoting expert led growth in Pakistan.
- Bahria University Campuses have been chosen by the Planning Commission for hosting/ facilitating various events involving mentoring and coaching by key stakeholders for the ‘National Mobile App Competition’ launched by the Planning Commission.
- Under the Programme titled Competitive Grants Program of “Pakistan Strategy Support Program (PSSP)” launched by the Planning Commission in collaboration with USAID, BU submitted 14 proposals out of which one project title “Non Payment of Standardized Compensation: A Non Compliance Issue during Social Compliance Audits in Textile and Garments Sector of Pakistan” has already been approved and work on the same is in progress.

In his meeting, Honorable Rector further discussed the support required to BU from Ministry of Planning, Development & Reform regarding the Strengthening of BU including establishment of Business Incubation Centre at BU, for which a PC-1 of Rs. 950 million has already been submitted to Planning Commission.

Honorable Minister praised BU for the efforts being taken for the excellence in Higher Education & Research in Pakistan.

## **Prize Distribution Ceremony of National Mobile Apps Competition (NMAC-2015) at Bahria University Islamabad Campus**

Prof. Ahsan Iqbal, Federal Minister, Planning, Development & Reforms awarded the winners of the National Mobile Apps Competition (NMAC-2015) held on 29th April, 2015 at Bahria University Islamabad Campus. The main theme of the Competition was “Innovative Apps for the Public Sector”. Speaking at the occasion, Prof. Ahsan Iqbal congratulated the winners and all participants who submitted their ideas. He stated that his Ministry initiated and coordinated the Competition to set a strategic direction for the future. He thanked strategic partners in making this a successful event. While addressing the gathering, Prof. Ahsan Iqbal said, it is only through technology, innovation and entrepreneurship that we can rise in the comity of nations.

Earlier, the Federal Minister, Planning, Development & Reforms distributed prizes to the top 10 winners and 5 special prizes. The contest was won by Faizan Khan’s app by the name of Travly, which is a public transport route planner and facilitates the traveler about the bus stops enroute, timings etc. The second prize was won by Shahryar Khan for his IVR-based Mobile Agriculture app. The app provides timely access of information to the farmer in local language, thus helping the farmer to increase productivity. The third prize was won by Syed Uzair Ahmed for his app Active Shehri, a locality-based collaboration platform for citizens to interact with government for resolving local issues of the community. The fourth prize was won by Ameen Jafir, student of Department of Software Engineering – Bahria University Islamabad Campus. His app “Emergency Rescue” will provide the help to Islamabad Traffic Police (ITP) & CDA on emergency calls. The winner apps included 3 from health, 3 agriculture, 1 transport/ traffic, 1 education and 7 belonged to security/ governance sectors.

Mr. Nasir Mahmood Malik, Program Coordinator, NMAC briefed about the competition activities. He told that 470 submissions were received by the deadline of February, 2015. The submissions were shortlisted and judged by a Panel of technical experts of the ICT Industry. Out of these top 10 winners 5 special prizes were finalized. The competition was an example of excellent cooperation and coordination between the government, academia and ICT industry. The prizes were given by Netsol, Teradata, LMKT, Telenor, Huawei Technologies, National ICT R&D Fund and





*Glimpses of the closing ceremony of National Mobile App Competition at Bahria University Islamabad Campus*

PSEB. Other strategic partners included Microsoft, HEC, Bahria University, Jumpstart, Entrepreneurial Alliances and CAMCO, who provided various resources in making the whole completion spread over a period of 4 months a success.

In his address, Rector, Bahria University congratulated all the winners and announced that from next year Bahria University will make this Competition an annual event by the name “Ministerial Innovation Cup” with the collaboration of Ministry of Planning, Development & Reforms. A large number of heads of software houses, IT industry, academia and government and students attended the occasion.

### **Achievements of Bahria University Students In National Solution Conventions (NASCON' 2015)**

Bahria University participated in National Solution Conventions (NaSCon' 2015) which was held at NUCS-FAST, Islamabad on 8-10May, 2015.

A total of 3000 students from 17 renowned universities participated including NUST, LUMS, COMSATS, FAST, Muhammad Ali Jinnah University, Fatima

Jinnah University, AIR, UET Taxila and others. Bahria University won the most number of awards and were declared the overall winner of NaSCon '15.

Out of various competitions, Bahria University secured top positions in the following events:

- Best Ambassador Award (won by Amna Javed of CE department).
- 1st position in Project Exhibition (won by Zeeshan, Mursaleen, Usman of CE department).
- 1st position in Engineers Developing the Society





(won by Saad, Ammar and Junaid of CE department).

- 1st position in Poetry Competition (won by Shahab of E&ES department).
- Runners up in Ideal Candidate (won by Amna Javed of CE department).
- Runners up in Scavenger Hunt (won by Hassan Faizan, Afsheen and Farhan of CE department).
- Runners up in NaSCon Model United Nations (won by Nadreen of MS department).

Bahria University won 7 competitions overall, out of which 5 were won by the students of Department of Computer Engineering, which is a noteworthy achievement.

### **Launch of R&D Policy Handbook, BU Research Profile & Research Web Portal**

Honorable Rector Bahria University launched the Research Profile of BU titled “ Research at Bahria University” , R&D Policy Handbook and Research Web Portal in a special ceremony on 2nd February, 2015. Details of the said two booklets and Research Web Portal are as under;

- a. R&D Policy Handbook: The R&D Policy Handbook contains all the R&D Policies approved by the university in a standardized format along with relevant forms and information regarding national/international Funding Agencies for sponsored research projects.
- b. Research Profile of BU: The aim of developing this booklet is to familiarize its faculty, students, researchers and more importantly, the external collaborators/potential partnering agencies with research at BU. It also acquaints researchers with their relevant departments, areas of research and research groups operating in BU.
- c. Research Web Portal: ORIC in collaboration with Computer Engineering (CE) department of BUIC has developed the BU Research Portal, where all the faculty/researchers of BU can upload the details of their journal publications, conference papers, books, research grants, conference(s) organized and travel grant(s) approved, which will create a centralized database of BU research endeavors. Research Web Portal can be accessed on ORIC webpage at [www.rnd.bahria.edu.pk](http://www.rnd.bahria.edu.pk)









## CHAPTER - THREE

### Quality Assurance

BU Annual Report 2014-15



### 3 – Quality Assurance

#### Quality Assurance in Higher Education

Over the years Quality Assurance structures have been well entrenched into Higher Education Institutions in Pakistan. The HEIs are seriously implementing Academic Standards set out by HEC Quality Assurance Agency. Bahria University is stringently mirroring these quality codes based on QAA guidance and formulate academic procedures including programme design, teaching & learning, student engagement, assessment, external examination and research. In order to ensure adherence to national standards BU academic programmes are regularly assessed through internal and external periodic reviews.

The systematic implementation of quality procedures remained the core focus of the Quality Assurance Directorate established at BU in July 2009. The action plan for stepwise implementation being followed at the Bahria University is:

- 1) Internal Audit of the department through Departmental Quality Assurance Committee for each programme
- 2) Self-Assessment of periodically selected programmes through a team of university and external experts.
- 3) External Assessments conducted by HEC/ Accreditation bodies.

To facilitate coordination and for swift implementation of QA procedures as per HEC guidelines QA Managers have been appointed at all three campuses of Bahria University located in Islamabad, Lahore and Karachi. Furthermore, Departmental Quality Assurance Committees have been formulated in each department for consistent monitoring and guidance throughout academic sessions. According to Quality Calendar

Timeline, following quality related activities were conducted during the period under review:

#### Self-Assessment

During Sept/Oct 2014 Self-Assessment of both Islamabad and Karachi Campuses were conducted and for the first time external assessors were also included in Assessment Teams to ensure transparency and adapting good practices from other prestigious institutions. Dr.M. Afzal Bhatti, Professor, Quaid-i-Azam University and Dr. S.M.K. Razi, from PAF (KIET) were part of the Assessment Teams for Islamabad and Karachi Campuses respectively.

The Self-Assessment of few PhD programmes was conducted in June 2015. PhD program of MS, CS, & SE of Islamabad Campus were assessed by the Senior FMs in consultation with external assessor Dr. Nadeem M. Khan from Air University.

An in depth analysis resulted in identification of misalignments and shortcomings and the programmes were buttressed through suitable corrective actions. Details of Self-Assessment programmes conducted during the reporting period are as under:

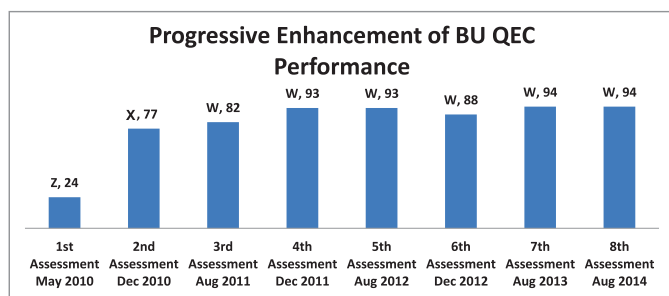


Campus	Programs	Date of Visit
Islamabad/BUIC	BCE	15 Sept to 17 Sept 2014
	BSE	
	MS (SE)	
Karachi/BUIC	BCE	29 Sept to 01 Oct 2014
	BSE	
	MS (SE)	
Islamabad/BUIC	PhD CS	22 June to 24 June 2015
	PhD SE	
	PhD MS	



## BU QEC Rating

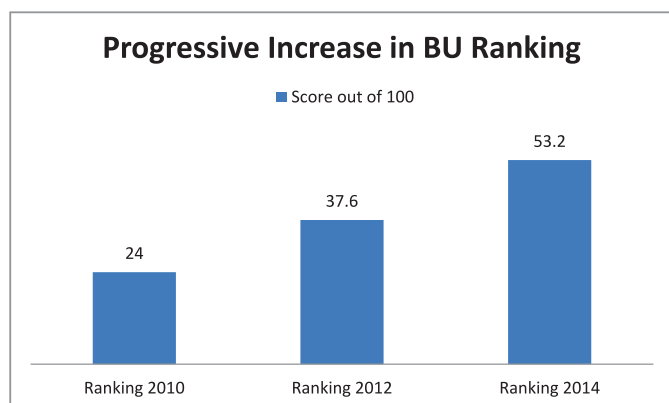
According to the 8th Assessment announced by Quality Assurance Agency (QAA) of HEC in October 2014, Bahria University QEC scored 94% marks. The score reflects commitment of QEC in promoting quality



culture and establishing quality processes at BU. QEC has been continuously rated in top category of 'W' for last four years.

## HEC Rankings

HEC announced university ranking in May 15, two additional parameters; Finance & Facilities and



Community Development were introduced along with Quality Assurance, Teaching Quality and Research. Bahria University secured 15th position among 67 General Universities including NUST, LUMS, COMSATS, Punjab University, Karachi University, Peshawar University, University of Faisalabad etc. BU greatly improved its position among the peers compared with the previous HEC ranking.

#	2010	2012	2014
Ranking	9/17	14/18	15/67
Marks out of 100	24	37.6	53.2

## QA Awareness and Capacity Building Measures

BU has been striving to promote quality awareness and capacity building at all three campuses. In this regard workshops, seminars and guest lectures on Self-Assessment, QA Procedures are conducted regularly. Policies like Cash Award, Best University Teacher Award, Best Researcher Award are introduced to motivate faculty members for promotion of quality culture.

## QA Organizes Guest Lecture on Self-Assessment

Air Cdre Engr. Abdul Wahab Motla, Advisor Quality Assurance (Air University) delivered a lecture on "Dimensions of Quality Assurance in Higher Education and Importance of Self-Assessment" at BU on 10 Dec 2014. Research Scholars and Faculty Members attended the lecture.

The purpose of the lecture was to brief the Faculty Members about the significance of Self-Assessment



and Quality Assurance in the Higher Education. Guest Speaker discussed in detail 08 Criterion and 31 Standards of Self-Assessment laid down by HEC. Q/A session was also held and it proved extremely beneficial, many queries related to Accreditation bodies and Self-Assessment were discussed and answered to the satisfaction of the audience. Rear Admiral (R) Saleem Akhtar, Pro - Rector presented BU Crest as memento to the visiting dignitary.

## Improving Relevance and Quality of Undergraduate Education

Bahria University Quality Enhancement Cell as a capacity building exercise, invited Brig (R) Engr. Salim



Ahmed Khan, Director Quality Enhancement, Riphah International University, on 8 May 2015 to deliver a lecture on “Improving Relevance and Quality of Undergraduate Education” and to conduct a workshop on preparation of Self-Assessment Reports. Pro-Rector, Rear Admiral (R) Salim Akhtar, Directors, Research Scholars and maximum Faculty Members attended the lecture.

In the first session, Guest Speaker highlighted the mechanism and the good practices through the case studies for improving relevance and quality of undergraduate education. He explained significant roles of the stakeholders that included Students and Faculty, in improving the quality of education. The case study regarding the grooming of the new entrants in the University was also very interesting and impressive.

During second session the Guest Speaker briefed and explained the methodology of writing a comprehensive Self-Assessment Report (SAR) to the Program Team Members of various programs of Islamabad Campus. The participants of this activity appreciated the simple and easy to understand approach of the speaker and felt confident of writing the Self-Assessment Reports. The Question Answer sessions clarified many queries. At the end of the activity, Rear Admiral (R) Salim Akhtar, Pro - Rector Bahria University, presented the University souvenir to the visiting dignitary.

### **Role of QEC, Program Team and Assessment Team**

Bahria University, Quality Enhancement Cell invited Air Cdre (R) Engr. Muhammad Ismail, Director Quality Assurance, National University of Sciences and Technology (NUST), on 21 May 2015 to deliver a lecture on “Role of QEC, Program Team and Assessment Team”. Directors, HODs, Research

Scholars and Senior Faculty Members attended the lecture.

Guest Speaker briefed about QEC functions in a university. He emphasized that Self-Assessment is the prime function of QEC. He elaborated the role, composition, desired skills and responsibilities of Program and Assessment Teams and necessary pre-requisites for conducting a successful Self-Assessment Exercise. He identified some weakness in writing of Self-Assessment Report (SAR).

Guest Speaker elaborated on the role of Assessment Team and Quality Enhancement Cell (QEC) in evaluation and verification of Self-Assessment Report (SAR). He also briefed on the procedure for writing of Assessment Team (AT) Report and writing of executive summary of Self-Assessment Report (SAR).

The Question Answer session clarified many queries of the audience.



At the end of the activity, Advisor (R&D) Rear Admiral (R) Muhammad Mushtaq, Bahria University, presented the University souvenir to the visiting dignitary.

### **BU QA Staff Officers Attended HEC Indigenous on Campus Training Program**

Bahria University organized Indigenous on Campus Training in collaboration with HEC in October 2014. Members of the QEC including QA Officer/Data Analyst represented Quality Assurance Directorate in the event. Manager QA attended five days Indigenous on Campus Training organized by Institute for Space and Technology (IST) in collaboration with HEC in Jan 2015.





### **Workshop on Anti-Plagiarism and Utilization of Turnitin at BU Campuses**

Quality Assurance Directorate organized workshop on “Anti-Plagiarism and Utilization of Turnitin” at all Bahria University Campuses in June 2015.

Dr. Najam-ul-Islam, Dean Engineering Sciences, HEC Focal Person on Anti-Plagiarism at Bahria University was the resource person of the workshop.

The purpose of the workshop was to create awareness among junior faculty members about lack of procedural understanding and interpretation of the ‘TURNITIN’ software resulting in delays and at times rejection of well researched papers/articles.

### **Quality Assurance in Higher Education – TESP**

Deputy Director Quality Assurance participated in the third batch of training on “Quality Assurance in Higher Education” funded by the Tertiary Education Support Program (TESP) of HEC held from May 04 to 06, 2015 at Margala Hotel, Islamabad

### **Eighth Quarterly QECs Meeting at Islamabad**



The 8th Quarterly meeting of Quality Enhancement Cells of Public Sector Universities (Phase-III) was held at HEC head office Islamabad under the chairmanship of Dr. Mohammed Rafiq Baloch, Director General (QAA) on January 15-16, 2015. Director and Deputy Director Quality Assurance attended the meeting.

The chair focused on the progress of Corrective Actions based on the SARs and underscore the need of more effective approach to be adopted by the QECs for creating awareness of QS International Rankings among the universities for achieving better results in the future. Furthermore decisions/recommendations to empower the QECs were also deliberated

Two sessions workshop on “Six Sigma in Higher Education” was held on second day of the meeting. Mr. Farrukh Idrees, National University of Computer



& Emerging Sciences (FAST), Islamabad, was the resource person. The participants admired the resource person and found the workshop very informative.

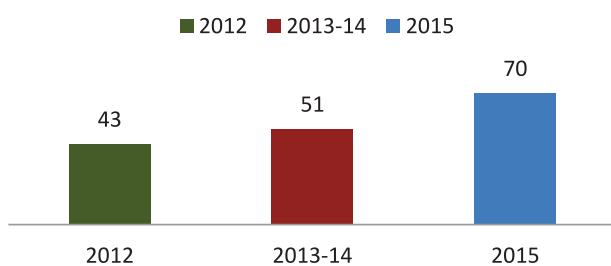
At the end of the meetings certificates were distributed among the participants.



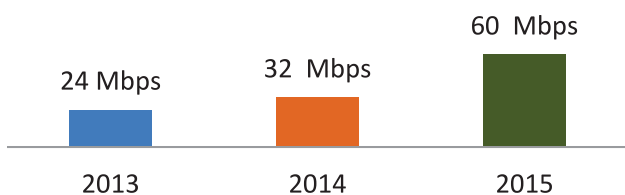
## Impact of Quality Assurance & Academic Audits

- More Ph.D. faculty has been inducted in all three BU Campuses.
- 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 & scholars for research have been established.
- Libraries of the Campuses have been upgraded.

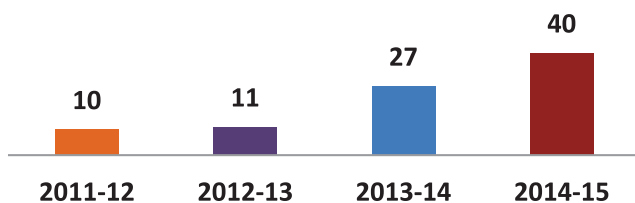
### Progressive Increase in No. of PhD Faculty



### Enhancement of PERN Bandwidth



### Impact Factor Publications

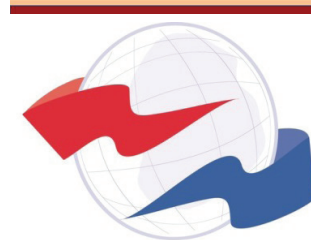


## Membership of International Quality Networks

DQA of Bahria University is member of various International Quality Networks/ Organizations including APQN (Asia Pacific Quality Network), INQAAHE (The International Network for Quality Assurance Agencies in Higher Education), AQAAIW (Association of Quality Assurance Agencies of the Islamic World), Talloires Network, ACU (Association of Commonwealth Universities) and Yahoo Quality Network.



Association of Quality Assurance Agencies of the Islamic World



The Association of Commonwealth Universities

The Talloires Network



## Accreditation of Programmes

Accreditation is an act of granting credit or recognition, especially to an educational institution that maintains suitable standards. The standards for accreditation are set by a peer review board whose members include faculty from various accredited colleges and universities. The board aids in the evaluation of each potential new school accreditation or the renewals of previously accredited colleges/schools.

The Accreditation Councils of Pakistan accredit respective programmes of the HEIs and award appropriate ratings. Accreditation councils regularly visit Bahria University from time to time for accreditation/reaccreditation of the academic programmes. In order to further streamline the accreditation process and prepare respective programmes for accreditation council's visit, Quality Assurance Directorate has formulated a pre-assessment

procedure before the visit of accreditation bodies.

All BU Academic are accredited with respective accreditation bodies like: Pakistan Engineering Council (PEC), Pakistan Medical & Dental Council (PMDC), Pakistan Bar Council (PBC), National Computing

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





## CHAPTER - FOUR

### International Collaborations

BU Annual Report 2014-15





## 4. International Collaboration

Changing dynamics of higher education requires educational institutes to build alliances with international universities to expand resources and pool of information available to students, faculty and other stakeholders. Internationalization is functioning at the heart of Bahria University's operations. The International office BU supports meaningful formal relationships with foreign universities and institutions. Such relationships bring a wide range of educational benefits, such as credit transfers, student/faculty exchange programmes and joint research projects.

### Progressive Increase

Believing in the importance and academic values of internationalization, Bahria University continuously endeavored during the period under review to provide international exposure to its faculty and students. New agreements have been signed with following Universities in the academic year 2014-15:

### Collaboration with Universities & Institutions

Developing International Partnerships serves as an indispensable resource for Bahria University to build and expand linkages with higher education institutions in other countries. Joint research and exchange activities provide the opportunity to students/faculty to grow and diversify their skills by engaging with international community and foster a culture where this diversity is valued positively. The opportunity to have international credit transfers and exchange programmes, as part of the degree programme, is beneficial to students and is a key factor in attracting them to choose Bahria University. Bahria University is committed to provide a range of opportunities for students, faculty and staff to have an international experience with following partner institutions around the world:

1. AIMST University, Malaysia
2. Al-Khwarizimi Intl. College UAE (Undergraduate programs only)
3. Chabahr Maritime University, Iran
4. Dalhousie University, Canada (Maritime Studies only)
5. Damghan University, Iran
6. Dogus University, Turkey
7. Edith Cowan University, Aus
8. Erzurum Technical University, Turkey
9. Fatih University, Turkey
10. Griffith University, Aus
11. Hakkari University, Turkey
12. Hangzhou Dianzi University, China
13. International College Beijing, China
14. International University of Business, Agriculture & Technology, Bangladesh
15. King's College - Corbett Center, UK
16. Macquarie University
17. MIT, USA
18. Tongji University, China
19. Trieste University, Italy
20. University of Bedfordshire, UK
21. University of Greenwich, UK
22. University of Idaho, USA
23. University of Leicester, UK
24. University of Northampton, UK
25. University of Nottingham, UK
26. University of Sirtak, Turkey
27. Valparaiso University, USA
28. Xuzhou Normal University, China
29. York St. John University, UK
30. Yasar University, Turkey

Besides this Bahria University is also a member of International Quality bodies and Organizations such as Asia Pacific Quality Network (APQN), International Network for Quality Assurance Agencies in Higher Education (INQAAHE), Association of Quality Assurance Agencies of the Islamic World (AQAAIW), Talloires Network, The Association of Commonwealth Universities (ACU) and International Association of Universities (IAU).

### Significant Collaborations

#### Students Exchange/Study Abroad

The International office at Bahria University also places strong emphasis on short term exchange activities. Bahria University has signed an agreement



for exchange of students with Yasar University, Turkey and York St. John University, UK. As per the agreement Bahria University sends up to 4 students each year to study for a semester, free of any tuition fee.

Since the signing of the agreements Bahria University has sent 14 students to study on exchange programme to Yasar University & York St. John University. Their names are below:

Yasar University, Turkey			
S.No	Name	Department	Semester
1	Ms. Sadaf Mujeeb	BS (Psychology)	Fall 2012
2	Ms. Marvi Abro	Bs (Social Sciences)	Fall 2012
3	Mr. M. Azeem Chaudhry	BBA	Spring 2013
4	Mr. Aun M. Ghazali	BBA	Spring 2013
5	Mr. Syed M Naqi Hussain	BE (EE)	Fall 2013
6	Ms. Sana Tanveer	MBA	Spring 2014
7	Mr. Saad Naeem	BSE	Fall 2014
8	Ms. Bushra Quddus	MS PM	Spring 2015
9	Ms. Syeda Batool Najam	IPP	Spring 2015
10	Ms. Bushra Zainab	IPP	Spring 2015
York St. John University, UK			
1	Mr. Hafiz. M. Usman Rana	MBA	Fall 2014
2	Ms. Anum Aslam	MBA	Fall 2014
3	Ms. Amina Mahnoor Sohail	BSE	Fall 2014
4	Ms. Salaka Aslam Chaudry	MSPM	Fall 2014

### Summer School in Amsterdam for the Students of Management Sciences

A group of five students from Bahria University went to Amsterdam, Netherlands, to attend the summer school organized by the HvA Amsterdam University of Applied Sciences from 30th Jun till 11th Jul 2014. The group comprised four students from Bahria University Islamabad Campus and one student from Bahria University Karachi Campus. The topic of the summer school was "European Business Skills". The programme allowed students to learn about different European nations and their business models along

with orientation about their cultures. The BU students during their stay visited Brussels, Belgium, and had the opportunity to visit the European Parliament and interview some of the members. There were several social activities part of the summer school including cooking competition, which was won by the female student from Bahria University Karachi Campus, Ms. Madiha Arshad, where she mesmerized the participants with her tasty Biryani. Overall it was a great learning experience for all the students who found it an activity both academically and socially beneficial at an international level.







### **17 UK Universities at Bahria University Islamabad**

Delegations from 17 different UK Universities visited Bahria University Islamabad, with the collaboration of British Council on 13 October 2014. The delegation included academicians, researchers, managers, international officers from 17 UK Universities including Tesside University, University Of Northampton, University Of Nottingham, University Of York, School Of Oriental & African Studies (SOAS), University of London, University Of Portsmouth, De Montfort University, University Of Hertfordshire, University Of Surrey, University of Manchester, University Of Law, University Of Kent, Coventry Universit, University of Sheffield, Middlesex University, University of Buckingham, University Of Glasgow. During the visit, Pro-Rector of Bahria University, Rear Admiral(R) Saleem Akhter welcomed the delegates and said that 'Bahria University as an institution is proud of its status at national and international level. The delegation during the visit toured campus facilities at BU and appreciated the quality of infrastructure available to students for academic and non-academic activities. In addition, a small counseling session was also organized where students of BU interacted with the delegation for information on education in UK. Rector of Bahria University, Vice Admiral (R) Shahid Iqbal HI(M) also attended this session and presented souvenirs to the delegates of UK Universities and British Council.

### **Visit by Prof. Ashraf Jawaid, Dy. Vice Chancellor University of Bedfordshire UK**

Prof. Ashraf Jawaid, Dy. Vice Chancellor University of Bedfordshire, UK visited Bahria University Islamabad on the 16th Dec 2014 where he met the Honorable Rector Bahria University to discuss further academic collaborations between University of Bedfordshire & Bahria University. A seminar was also conducted for the students of Bahria University on study opportunities in

University of Bedfordshire. Along with this, a meeting with the Management of BU & HODs was held in which Changing Dynamics of Higher Education in the context of declining UK Government support was discussed to identify implications for the Pakistani HEIs.



### **Bahria University Students Trip to Australia**

With the objective of giving international exposure to the BU students', Bahria University sent a delegation of 14 students from 17th Jan to 25th Jan 2015, accompanied by two faculty members, to Australia. The delegation traveled to three cities in Australia; Melbourne, Sydney and Brisbane where the group visited three universities including La Trobe University, Melbourne, Macquarie University and Griffith University. The visit provided students an exposure to the functioning of international universities.



### **Bahria University Delegation Visit to USA**

Bahria University sent a delegation of 21 students and 3 officials from 11th to 18th Feb 2015 to attend the Harvard National Model United Nations (HNMUN) Conference, organized by Harvard University at Boston, USA. Bahria University was the only University from Pakistan to send a delegation for this event. HNMUN is the largest, oldest and most prestigious conference of its kind. It was attended by more than 4000 delegates from US and over 150 countries across the world.

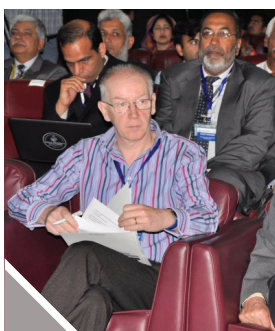
### **Visit by Dean from University of Malaya, Malaysia**

Prof. Abdullah Bin Gani, Dean Faculty of Computer Science and Information Technology, University of Malaya, Kuala Lumpur, visited Bahria University, Islamabad, on 25th Feb 2015. During the visit Prof. Gani met the Rector and discussed various collaborative arrangements between two universities.



### **Research Project with York St. John University, UK**

Dr. Nadia Tahir Head of Department, Management Sciences Bahria University Islamabad went for a Joint Research Project with one of our partner institute, York St. John University, UK, in March 2015. During her stay for a week, different Ethnographic techniques were used in a real time class room to explore teaching pedagogies followed in developing countries. Many other researchers from all over the world were part of this research project. Diverse brain storming sessions were held in York St. John University to discuss and explore the teaching practices adopted by Higher Education Institutes in developing countries. This visit was followed by visit of Mr. Douglas Meikle, Senior Lecturer York St. John University, UK, to Bahria University during the Month of April 2015. During his stay he observed the teaching practices being followed in the Management Sciences Department Islamabad Campus to understand the teaching pedagogies in Pakistani Universities through ethnographic research. In addition he participated in the BU International Conference.



### **BU Medical & Dental College Team Visit Universities in UK**

A delegation comprising of faculty members of Bahria University Medical & Dental College (BUMDC) visited UK from 31st May to 7th June, 2015. During their stay they visited the medical and dental colleges of some of the top ranked Universities of UK, including Queen Mary University, Newcastle University & Cardiff University. The purpose of the visit was to gain information on the latest development in innovative teaching and learning strategies used by the UK Universities in the field of Medicine & Dentistry and to observe the administrative and academic infrastructure.



### **Guest Lectures/workshops**

#### **Guest Lecture by Mr. Douglas Meikle York. St John University, UK**

Mr. Douglas Meikle, Senior Lecturer at York. St John University UK delivered a lecture to the students of BBA/MBA on the topic "How to calculate profits" on 23rd April 2014. The guest lecture was held in an interactive manner providing students new techniques on calculating profits.



### **United States Educational Foundation of Pakistan (USEFP) Got Talent**

An event was organized called the 'USEFP's got Talent' on 22nd Nov 2014. Based on the theme of



famous American TV programme 'America's got Talent', many students from various schools, colleges & Universities In Islamabad performed including singing, acting and many other unique performances at Bahria University, Islamabad Campus Auditorium.

### Seminar on Study Opportunities in Germany

An information session on study opportunities in Germany was held on 3rd March, 2015. The session targeted third and fourth year students and the faculty members who are planning further studies in Germany. Mr. Usama Shaukat who is presently a student in one of the private universities in Germany conducted the Seminar based on his over ten years' experience of the education in Germany. Mr. Usama Shaukat is also running an educational consultancy for German Universities with the name Pakistan 2 Germany.



### Guest Lecture by Prof. Shabbar Jaffry from UK

Prof. Shabbar Jaffry, from Portsmouth University, UK, visited Bahria University Islamabad on 12th March 2015. Prof. Jaffry is a senior faculty member of Economics in the Business School of Portsmouth University. During his visit he delivered a guest lecture for the students and faculty of Management Sciences on "Developing a Management Tool to Assist Manpower Planners: A Personal Research Journey".



### Prof. Abdullah Bin Gani (Dean of Computer Science & Information Technology University of Malaya)

Prof. Gani delivered a guest lecture for the students of Islamabad Campus on "Cloud Computing" by the students of Engineering Sciences. The lecture started with the history of computing and how it evolved into what it is right now and how the technology has finished the barrier of communication through Cloud Computing.



### Guest Lecture by Dr. David Rowland, Valparaiso University, USA

Dr. David Rowland, Executive Director, Valparaiso University, USA conducted workshops for the Psychology students of Bahria University on the topic "Gender Identity Disorders and Treatment" on 21st & 24th April at both Islamabad & Karachi Campus respectively.



### Guest Talk Lecture by Dr. Peter Woods Griffith University, Australia

Dr. Peter Woods delivered a lecture to the students of Bahria University Management Sciences on "How to do Business with China" during his visit to Bahria University Islamabad Campus on 24th April 2015. The guest lecture was extremely informative for the students where they were given awareness about how businesses are generally managed in China and the role of government in regularizing the business activities. In addition cultural elements were also highlighted and discussed with the students.





### Seminar for Media Students on Transmedia Storytelling, Art Direction & Production Process

A Seminar was held at Bahria University Islamabad Campus by American Filmmakers Ms. Martha Mitchell (American Show Case Filmmaker) & Mr. Andy Merkin (American Film Showcase Expert) on Transmedia Storytelling, Art Direction & Production Process. The seminar was attended by the faculty and students of Humanities and Social Sciences Department. The presentation was all about how movies are made and edited through various high tech softwares and indulged the students into a sci-fi world.



### Workshop by Delegation from Macquarie University, Australia

Dr. Rahat Munir, Deputy Head of Department - Accounting and Corporate Governance delivered a lecture on "Widening Perception about Employability Skills" to the students of Bahria University Islamabad Campus on 14th Apr 2015.



### Guest Lecture by Head of Professional Development Coventry University, UK

Ms. Carole Stille delivered a lecture on "Being more employable at home and abroad" for the students of Bahria University. The next day she delivered talk to all HODs and selected faculty members at Islamabad



Campus regarding cognitive learning behavior of students. It was a very informative session in which various contemporary teaching methods were shared with the faculty of Bahria University Islamabad and how best to engage students in class room.

### Macquarie University Australian Delegation visited BU

A delegation from Macquarie University Sydney Australia headed by Dr. Julian Droogan, Director Coordination Learning & Teaching, visited Bahria University Islamabad. He was accompanied by Mr. Tanveer Shaheed, Senior Country Manager (International), Mr. Azhar H Shah, Country & Regional Manager, Australian Government. During the visit delegation met the Pro-Rector Bahria University, Rear Admiral (R) Saleem Akhtar and other senior management of the university. The delegation appraised Pro-Rector BU about various ways of collaboration and areas of academic interest with the senior management of Bahria University. The delegation showed keen interest in developing strong linkages with Bahria University and engaging in exchange activities at student and faculty level, joint research, curriculum development, resource sharing, etc. In the end, Pro-Rector of BU, Rear Admiral (R) Saleem Akhtar presented souvenir to the delegates of Macquarie University.

After Meeting with the management, Dr. Julian Droogan delivered a guest lecture to the faculty, senior management and MS/Phd Scholars of the Bahria University on the topic of "Research & Ph.D. funding Opportunities in Australia". During his lecture he highlighted the importance of research and encouraged students to avail the funding opportunities by applying through international scholarships. The lecture ended up with question answer session.





## CHAPTER - FIVE

### Strengthening & Upgradation

BU Annual Report 2014-15





## 5- Strengthening & Upgradation

Every progressive and competitive institution requires continuous up gradation of its Physical and Technological infrastructure. With rapid technological advancements it is imperative for a modern institution to continuously align and upgrade itself . Bahria university considers the importance of Physical and Technological advancement in the world and the need to strengthen and upgrade its facilities for the provision of quality education.

### Procurement of Lab Equipment

Labs play a vital role in skills learning of the students by conduction the various experiments. Labs help to determine the result achieved through a scientific process. Realizing this, the University has spent a huge amount in upgrading and setting up new Labs at different campuses. Details are in the ensuing paragraph.

- Three branded Servers worth Rs 3.774 Million have been purchased and installed for Labs of BUIC and Exam Directorate.
- Sixty Computers worth Rs 5.121 Million were purchased for New Labs of BUIC.
- Thirteen Fundamental Trainers with Computers and software worth Rs 3.943 Million have been purchased for Control Lab of BUIC.
- Six Multimedia Projectors worth Rs 0.432 Million have been purchased for New Labs & Classrooms of BUIC.
- Lab Equipment and Chemicals worth Rs 1.107 Million are purchased for Geology Lab of BUIC.
- Thirty Nine ACs worth Rs 3.614 Million are purchased for Lab & Classrooms of BUIC.
- Thirty Two CCTV Cameras worth Rs 0.700 Million are purchased for Classrooms / Labs of BUIC.
- Misc equipment worth Rs 7.353 Million was purchased for setting up Media Lab of BUIC.
- Networking equipment (02 core switches & 40 edge switches) worth Rs 9.270 Million was purchased for BUIC.
- Furniture worth Rs 0.596 Million was purchased for BUIC Lab and pre-fabricated offices.
- Chemistry Lab was set up at BUKC by incurring Expenditure of Rs 1.5 Million.
- Physics / Electronic Lab was set up at BULC incurring expenditure of Rs 2.084 Million.
- Media unit Cum Lab worth Rs 4.654 Million was set up at BUKC.
- 40 KVA UPS worth Rs 2.7 Million was purchased

for new Labs of BUIC.

- Electro-mechanical Lab equipment worth Rs. 3.84 Million was purchased for EMS Lab of BUIC.
- One Floor Standing unit split (Heat & Cool) 4 tons capacity worth Rs. 0.179 Million purchased for BUHQ.
- Rock Cutting and Grinding Machine worth Rs. 1.816 Million for Geology Lab of BUIC.
- Digital Bomb Calorimeter worth Rs. 0.408 Million for Geology Lab of BUIC.
- Three Interactive Board worth Rs. 0.345 Million for Library of BUIC.

### Procurement through BU Budget

- Five Photocopiers worth Rs.3.658 Million were purchased for BUIC and BUHQ.
- Rate Running Contracts for supply of stationery, consumable items and toners were concluded with two different firms.
- Three Suzuki Bolan and one Suzuki Vagon R worth Rs 3.242 Million were purchased for BUIC and BUHQ.
- To cater for power back up of BUIC one DG worth Rs 10 Million was purchased.
- Seven floor standing ACs of 4 ton capacity each worth Rs 1.380 Million were purchased for Girls Hostel of BUIC.
- Psychological test material worth UK £ 2718.5 and US \$ 9279.93 were purchased for BUIC.
- Batteries worth Rs 0.337 Million for 80 KVA UPS was purchased for BUIC.
- Split ACs worth Rs 0.135 Million for LT-2 and Regs Cell BUIC / BUHQ were purchased.
- Laptop /Desktops worth Rs 0.370 Million for MIS Dte BUHQ were purchased.
- Dental chairs alongwith associates equipment worth Rs 24.5 Million were purchased for BUM&DC.
- One Suzuki Wagon R worth Rs 1.100 Million was purchased for Director IPP.
- To cater for power back up of BUKC, one DG worth Rs 10 Million was purchased.
- Video Conference room was setup at BULC incurring expenditure of Rs 1.719 Million.
- OMR Machine worth Rs 0.697 Million was purchased for BULC.
- Five LED 32" worth Rs. 0.180 Million for BUHQ Offices
- Printing of prospectuses worth Rs. 2.695 Million for BUHQ

### Procurement through HEC Budget

HEC is providing support to all public sector universities. However, no funding for capital expenditure was allocated during the year 2014-15.

### Summary

A total of Rs. 128,764 Million was incurred on development projects.

### Campus wise Status

BUIC	: Rs	68.862
	UK £	2718.5
	US \$	9279.93
BULC	: Rs	4.5 Million
BUKC	: Rs	17.254
BUM&DC	: Rs	24.5 Million

### Progress of Construction Works

- Construction is important to provide space for the new development projects. In fact for new equipment / classrooms etc the construction of buildings is a pre-requisite. The university remained rigorously involved in this very necessity. Details are in the ensuing paragraphs
- The project of construction of Girls Hostel at BUM&DC is in planning phase.
- Planning work of construction of Bahria School of Engineering Sciences at the cost of Rs 1000 Million at H-11/4 Sector Islamabad is in progress.
- Construction of new campus at Kurri Road is also being planned, if land of 50 acres is allocated.
- Pre-fabricated offices were set up at BUHQ by incurring expenditure of Rs 0.5 Million.
- Boundary Wall was erected in front of BUIC by incurring expenditure of Rs 3 Million.
- Civil Works worth Rs 0.5 Million were undertaken at Media lab BUIC.
- Electricity supply from K Electric to BUM&DC was obtained by purchasing HT cables & VCB Panels worth Rs 5.776 Million.
- Renovation and echo reduction of Multipurpose Hall was undertaken at BULC incurring expenditure of Rs 2.449 Million.

### IT Enhancements

#### Data Centre

The BU Karachi campus is equipped with Data Centre with all features pertaining to power backup, security, fire prevention and safety. Establishment of Data Centre at Islamabad campus along with 40 KVA UPS

for backup is in progress. It is planned to setup a new Data Centre BUMDC Karachi by July 2015.

#### High Speed Fiber Optic Access

The BU campuses at Islamabad, Karachi, Lahore and BUMDC are equipped with high speed fiber optic access.

#### Video Conferencing Equipment (VC)

Bahria University Islamabad, Lahore and Karachi is equipped with VC equipment. The establishment of VC room for BUMDC is in progress.

#### PERN Bandwidth

Bahria University Islamabad has recently upgraded bandwidth from 32 Mbps to 60 Mbps, Karachi Campus is using 32 Mbps bandwidth whereas Lahore and BUMDC have been allocated 16 Mbps PERN bandwidth.

#### General purpose computers

Establishment of General Purpose Computer Lab with 30 no. of computers is under progress in BU Islamabad Campus.

#### Up gradation of Network Components

BU Islamabad is in the process of upgrading all its Network Components i.e replacing old switches with latest ATI Manageable switches.

#### Control System Lab

Control System Lab has been established at Bahria University Islamabad campus.

#### Machine Lab

Machine Lab has been established in Islamabad Campus.

#### Electro Mechanical System (EMS) Lab

EMS Lab has been established in Islamabad Campus.

#### Computer for Labs

Procurement of latest 73 computers (30 GP-Lab, 30 Lab-2, 13 for Control Lab) is under process.

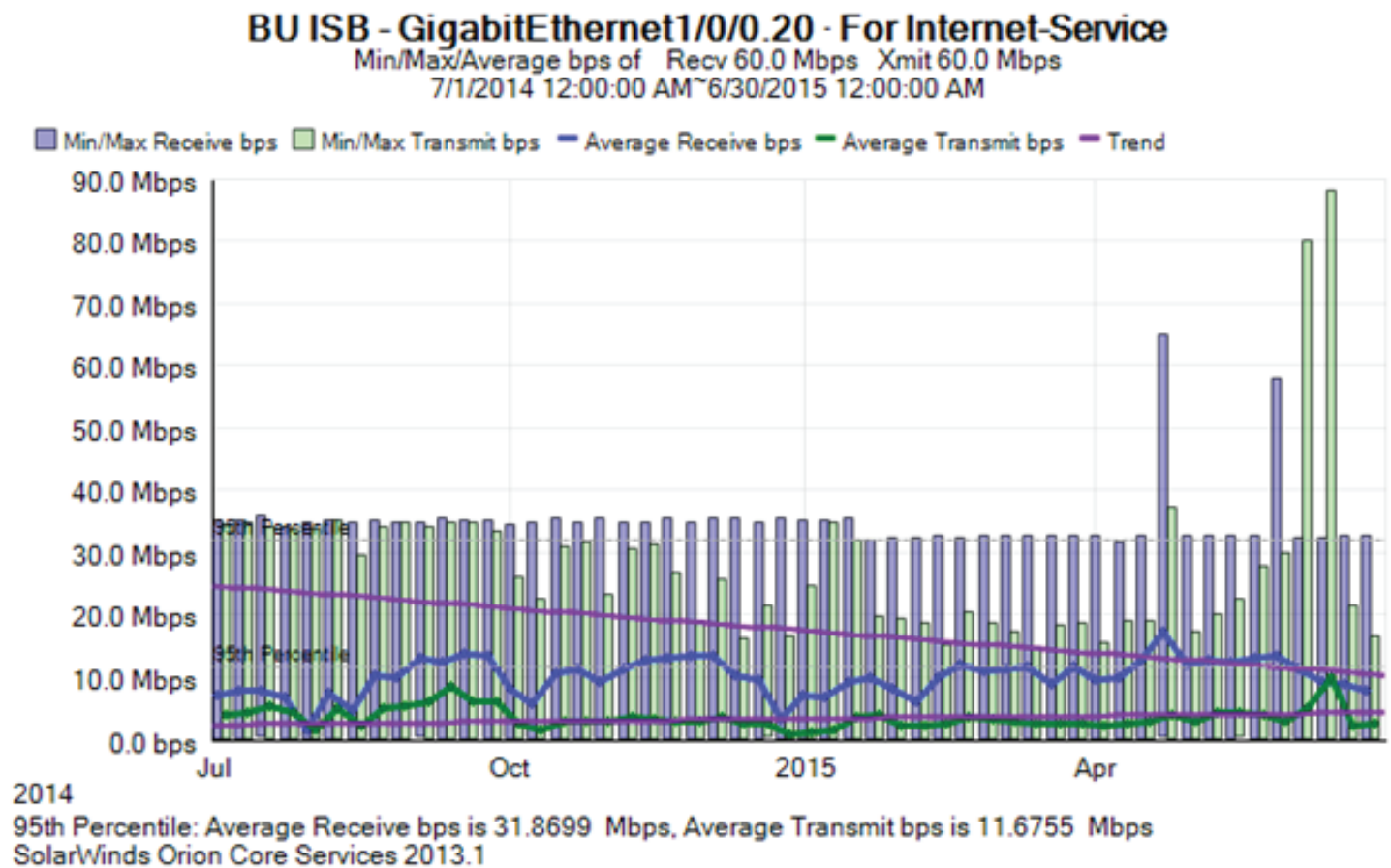
#### Wi-Fi Network

All campuses of Bahria University (including Girls hostel Islamabad) are equipped with Wi-Fi facility.

#### Speed Doom Cameras

Procurement of 2 new Speed Doom Cameras are in progress.

## PERN Utilization of Islamabad Campus



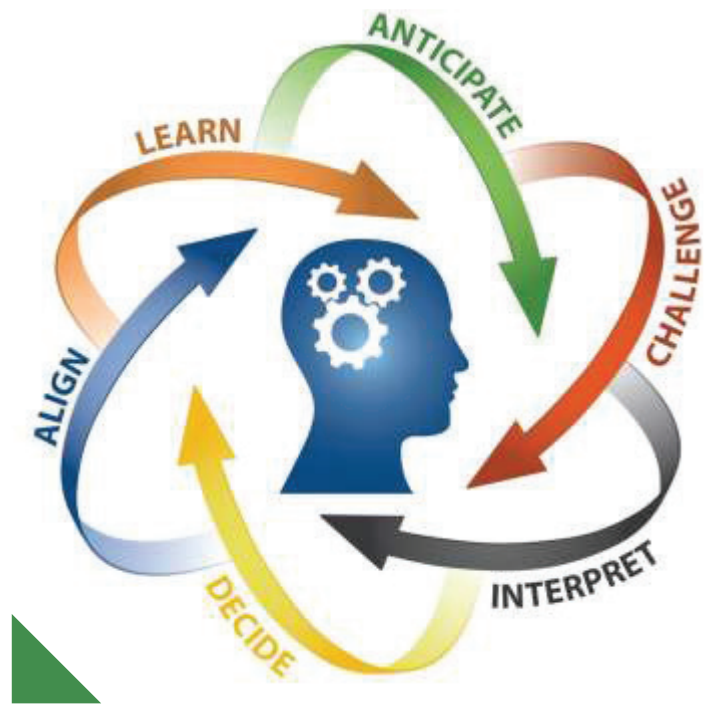
### Membership of the Association for Computing Machinery

Mr. Rizwan Aamir, Deputy Director IT got the professional membership of ACM. The Association for Computing Machinery (ACM) is an international

learned society for computing. It was found in 1947 and is the world's largest scientific and educational computing society. The ACM and the IEEE Computer Society are the umbrella organizations for US academic and scholarly interests in computing. Unlike the IEEE, the ACM is solely dedicated to computing.







## CHAPTER - Six Faculty Development

BU Annual Report 2014-15





## 6- Faculty Development

Trained and competent faculty is the pride of every institution. Bahria University places strong emphasis on the development of its faculty and staff members. A department has been established to look after the activities for this purpose. The mandate of the department is to formalize the process of faculty development activities at all the constituent units of the University. A policy mechanism in this regard has been formulated that prepares semester wise calendar of training/ workshops for the faculty of

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

### Faculty Development Programmes

Some of the training programmes conducted at Bahria University for the faculty/ staff in the year 2014-15 are listed below:

S.No.	Program	Attended by	Departments	Campus	Date
1	Embedded System Design using Matlab & Simulink	Selected Faculty	Selected Departments	Karachi	26th July 2014
2	Project Management Certificate Course	Selected Faculty	Selected Departments	Karachi	Aug-14
3	Communication Strategy	Selected Faculty	Selected Departments	Karachi	Aug-14
4	Faculty Orientation Session	Selected Faculty	Selected Departments	Karachi	Aug-14
5	Lab View	Selected Faculty	Selected Departments	Karachi	23rd Aug 2014
6	FPGA Based Digital System Design	Selected Faculty	Selected Departments	Karachi	20th Aug 2014
7	Effectiveness of Interpersonal Skills	Selected Faculty	Selected Departments	Islamabad	18th Sep 2014
8	Effectiveness of Performance Appraisal	Selected Faculty	Selected Departments	Islamabad	25th Sep 2014
9	Information System Audit	Selected Faculty	Selected Departments	Islamabad	26th Sep 2014
10	Advanced Digital System Design on FPGA	Selected Faculty	Selected Departments	Karachi	27th Sep 2014
11	How to write publishable research work	Selected Faculty	Selected Departments	Islamabad	2nd Oct 2014
12	Managing Family Business	Selected Faculty	Selected Departments	Karachi	Sep-14
13	Communication Strategy	Selected Faculty	Selected Departments	Karachi	Sep-14
14	Negotiation & Conflict Resolution Skills	Selected Faculty	Selected Departments	Karachi	Oct-14
15	Effective Use of Statistics	Selected Faculty	Selected Departments	Karachi	Oct-14
16	Learning Domains and Levels of Learning	Selected Faculty	Selected Departments	Karachi	Oct-14
17	Microcontroller Based System Design	Selected Faculty	Selected Departments	Karachi	4th Oct 2014
18	Emerging Challenges of Business Schools	Selected Faculty	Selected Departments	Islamabad	9th Oct 2014
19	Marking Criteria MCQs	Selected Faculty	Selected Departments	Islamabad	13th Oct 2014
20	Use of SPSS and NVIVO	Selected Faculty	Selected Departments	Islamabad	15th Oct 2014
21	All Admin Staff Training	Selected Faculty	Selected Departments	Islamabad	20th -24th Oct 2014

S.No.	Program	Attended by	Departments	Campus	Date
22	Competition Growth & Globalization	Selected Faculty	Selected Departments	Islamabad	23rd Oct 2014
23	How to Perform Qualitative Research	Selected Faculty	Selected Departments	Islamabad	23rd Oct 2014
24	Multiagent Systems	Selected Faculty	Selected Departments	Islamabad	31st Oct 2014
25	Case method teaching Methodologies	Selected Faculty	Selected Departments	Karachi	18th Dec 2014
26	Self-Assessment & Evaluation	Selected Faculty	Selected Departments	Karachi	Jan, 2015
27	Leadership Skills & Practice	Selected Faculty	Selected Departments	Karachi	Feb, 2015
28	Case Study Teaching	Selected Faculty	Selected Departments	Karachi	Feb, 2015
29	Industrial Issues & Research	Selected Faculty	Selected Departments	Karachi	Feb, 2015
30	Embedded Application Designs	Selected Faculty	Selected Departments	Karachi	Feb, 2015
31	Workshop on MAT Lab	Selected Faculty	Selected Department	Islamabad	Feb, 2015
32	FPGA prototyping for beginners	Selected Faculty	Selected Department	Islamabad	Feb, 2015
33	Teaching & Learning in HE	Selected Faculty	Selected Departments	Karachi	March, 2015
34	Advanced EXCEL	Selected Faculty	Selected Departments	Karachi	March, 2015
35	Handling Material	Selected Faculty	Selected Departments	Islamabad	April, 2015
36	Academic Writing	Selected Faculty	Selected Departments	Islamabad	April, 2015
37	Stata for the Beginners	Selected Faculty	Selected Departments	Islamabad	April, 2015
38	Effective Communication	Selected Faculty	Selected Departments	Islamabad	April, 2015

HEC Trainings		
S. No	Training Name	Training Date
1	HEC Master Training FDP	Summer 2014
2	Training on Procurement Capacity	18th Aug 2014
3	Leadership & Change Management	9th - 12th March, 2015
4	Leadership & Change Management	16th - 19th March, 2015
5	Leadership & Change Management	24th - 27th March, 2015
6	Financial Management	30th March - 3rd April, 2015
7	Information Technology Management	20th - 23rd April, 2015
8	Information Technology Management	27th - 30th April, 2015
9	Information Technology Management	4th - 7th May, 2015
10	Quality Assurance in Higher Education	20th - 22nd April, 2015
11	Quality Assurance in Higher Education	27th - 29th April, 2015
12	Quality Assurance in Higher Education	4th - 6th May, 2015
13	Intellectual Property Rights	18th - 19th April, 2015
14	Intellectual Property Rights	8th - 9th May, 2015
15	Developing & Assessing Proposals	15th - 16th May, 2015

S. No	Training Name	Training Date
16	Developing & Assessing Proposals	22nd - 23rd May, 2015
17	Developing & Assessing Proposals	29th - 30th May, 2015
18	Project Planning, Implementation & Evaluation	1st - 5th June, 2015
19	Project Planning, Implementation & Evaluation	8th - 12th June, 2015
20	Project Planning, Implementation & Evaluation	13th - 17th June, 2015

Pakistan Manpower Training Institute		
S. No	Training Name	Training Date
1	Decision Making	20th - 21st Aug, 2014
2	Strategic Time Management	1st - 4th September, 2014
3	Transforming Leadership in 21st Century	8th - 11th Sept, 2014
4	Strategic Vision	15th - 18th Sept, 2014
5	Auditing System in Pakistan	29th - 30th Sept, 2014
6	Thinking Skills	13th - 14th Oct, 2014
7	Women Empowerment	15th - 16th Oct, 2014
8	Communication Skills	20th - 23rd Oct, 2014
9	Behavioral Skills for Managerial Effectiveness	27th - 30th Oct, 2014
10	Changing Role of Public Administration	1st - 2nd Dec, 2014
11	Effective Negotiation Skills	10th - 11th Dec, 2014
12	Strategic Vision	17th - 18th Dec, 2014
13	HRM & Organization Behavior	29th - 30th Dec, 2014
14	Strategic Time Management	5th - 6th Jan, 2015
15	Problem Solving Approaches	12th - 15th Jan, 2015
16	Leadership in 21st Century	15th - 18th Jan, 2015
17	Effective Communication Skills	Feb, 2015
18	Building Self Confidence & Self Esteem	Feb, 2015
19	Effective Decision Making	Feb, 2015
20	Improving Personal Effectiveness	2nd - 5th March, 2015
21	Effective Team Management	9th - 10th March, 2015
22	Negotiation, Persuasion & Influencing	24th - 26th March, 2015
23	Anger Management	30th - 31st March, 2015
24	Time Management	6th - 9th April, 2015
25	Thinking Skills	22nd - 24th April 2015
26	Emotional Intelligence & Competencies	24th - 28th April, 2015
27	Total Quality Management	11th - 12th May, 2015
28	Anger Management	25th - 26th May, 2015
29	Managerial Excellence	18th - 21st May, 2015
30	Human Resource Management	8th - 11th June, 2015



### Indigenous On Campus Training

S. No	Training Name	Date
1	NUML IOT Training	September, 2014
2	NUST IOT Training	November, 2014
3	AIOU IOT Training	December, 2014
4	IST IOT Training	January, 2015

### Other Trainings

S. No	Training Name	Date
1	Faculty Development Academy COMSATS	Summer 2014
2	Training Course for Mid Level Faculty Members COMSATS	January 2015
3	Monitoring & Evaluation/RBM PPMI	February 2015

### Indigenous on Campus Training Bahria University

Five day Indigenous on Campus Training (IOT) workshops for administrative and Management Cadre was conducted at Bahria University Islamabad and Karachi Campus. The IOT workshop comprised

of five different sessions each day from 20th Oct to 24th Oct, 2014 at Islamabad and from 2nd Feb to 5th Feb 2015 at Karachi Campus. The topics covered during the training included Stress Management, Presentation Skills, Communication Skills, Writing Skills, Team Work, E-Governance, Finance & Audit and Administrative skills.



### Faculty Orientation Programme

A faculty Orientation Programme was conducted by Human Resource Development from 26th - 30th January 2015 for the orientation of newly induced faculty at all BU Constituent Units. The first two

days focused on general information regarding BU and its various departments. The last three days included training modules from HEC Master Training programme covering important aspects related to teaching profession.



## International Trainings/Workshops

### Workshop on Activity based Teaching & Assessment Method

Dr. Rahat Munir, Deputy Head of Department - Accounting and Corporate Governance, conducted a workshop on activity based Teaching & Assessment Method for a group of faculty members from BU Islamabad Campus on 14th Apr 2014. The workshop focused on how Australian Universities are engaging students in various activities inside the class room to make their learning process more interesting and interactive.

### Workshop by Head of Professional Development



### Coventry University, UK

Ms. Carole Still Head of Professional Dev., Entrepreneurship, Enterprise & Skills at Coventry University, UK visited Bahria University Islamabad on 31st March, 2015. During her visit she conducted a workshop for the selected faculty of Islamabad Campus on the topic "Cognitive Learning Behaviour of Students".

### Case Method Teaching Seminar at Harvard Business School

Two faculty members of Bahria University went for a Case Study Teaching Seminar in Aug 2014:

- a) Mr. Shahid Haq,  
Associate Professor  
MS Dept.  
BUIC
- b) Mr. Naveed Khan  
Asst. Professor  
MS Dept.  
BUKC

The Seminar was held at Harvard Business School Campus on 22nd Aug and 23rd Aug 2014. The Two day program was attended by almost 60 participants from different universities within the US and from outside. The program based on the art and craft of discussion was designed to help the participants in improving their approach to the case teaching method.

### Admin Staff Learning Visit to UK & Turkey

A delegation of Bahria University visited Yasar University, Turkey, Durham University, UK & University of Bedfordshire, UK for a learning visit from 20th March till 1st Apr 2015. The delegation comprised of Registrar, Director Human Resource, Director Quality Assurance and Public Relations Officer. The objective of the training attachment/learning visit was to enable the selected administrative staff at BU to



shadow relevant department at BU partner institutes and learn the administrative practices being followed internationally to support the academic functions of the university. In addition various collaborative activities were explored with the above mentioned institutes for faculty/staff development, joint conferences, revision of existing articulation arrangements, research attachments, etc.



### Admin Staff Learning Visit to Australia

A Bahria University delegation visited Griffith & Macquarie Universities in Australia for a learning





visit from 11th till 19th April 2015. The delegation comprised of Director Campus Islamabad, Director Planning & Development and Director Admissions. The objective of the visit was to learn administrative procedures being followed at their relevant department in these universities, to support the academic units of their institutes. During the visit the above officials shadowed relevant department to observe and learn administrative practices at above stated institutes and analyze their applicability in the Pakistani context.

### Workshop on Case Study Based Teaching

Bahria University believes in continuous development of its faculty members. A number of workshops and seminars are conducted every year by the university in this context.



Following this tradition, A two-day workshop on Case Study Based teaching was organized by Management Sciences Department at Bahria University Lahore Campus on 29th and 30th April 2015. Apart from the permanent faculty at Bahria University Lahore Campus, deans and senior faculty members from different universities also participated.

On day 1 (29th April 2015) Mr. Naveed M Khan, Associate Professor at Bahria University Karachi Campus, educated the participants on Case Study



Based Teaching. The participants benefited from his experience and useful insight on the subject.

Topic for Day 2 (30th April 2015) was Case Study Writing. Dr. Faisal Aftab, Director of Office of Research, Innovation and Commercialization/ R&D at Bahria University Headquarters, explained the importance of case study in teaching and then lectured on writing a case study.

The overall sessions were interactive on both the days of the workshop and participants also contributed with their own perspectives on case study based teaching. Faculty at Bahria University benefited from these informative sessions and appreciated the effort of Management Sciences in conducting this workshop. The participants appreciated the quality of workshop and the knowledge they gained on the subject matter.

### Faculty Development Training

Faculty development training was conducted by Department of Computer Engineering at Bahria University Islamabad on June 16, 2015, in collaboration with the Pakistan Institute of Entrepreneurship (PIE) Islamabad. The resource person for the training was Mr. Tahir Chaudhry who is the CEO of Pakistan Institute of Entrepreneurship. The theme of the training Industry-Academia Collaboration, highlighted that how Academia can benefit by partnering with the industry and how industry capitalizes by developing the immense human resource in Academia.

The training discussed the importance of multiple engagement channels which can be developed between academia and industry. These channels include a corporate advisory committee, which acts as a think tank to define the vision of the initiatives in academia related to industry. The linkages developed by the Corporate Advisory Committee can then be used for job placements as well as internship opportunities. The corporate advisory committee also helps in streamlining the course contents including new courses addressing requirements of the industry to meet the changing industry needs.



Branding the research activities play an important role in developing the persona of the university. The research at the university should be properly publicized in the public domain. This helps bring industry closer



to academia as academia is at the bleeding edge of the technology and industry is always looks out for state-of-the-art technologies. This can also help in generating collaborative initiatives between academia and industry.

Alumni network of a university plays a critical role in developing the image of the university in the outside world. Established institutions also have the advantage that its alumni are present on key positions in the industry, which can be used as a feedback mechanism for current trends in the industry. Alumni are also in a position to indicate improvement areas in the university infrastructure and teaching methodologies. They can also be quite instrumental in bringing industry professionals to the university.

The training concluded with discussion on other

ideas to develop industry-academia linkage, and how these ideas could be implemented in the specific case of Department of Computer Engineering at Bahria University.







## CHAPTER - SEVEN

### Access

BU Annual Report 2014-15





## 7 – Access

The Bahria University Administration always prides itself on the trust of students and their parents portrayed in its excellent student intake, and the year 2014-15 was no different, as it witnessed more students than ever before depositing their trust on BU. After an arduous process of assessment tests and interviews, the

intake into different programs is given below in detail. The following seats for admission in Bahria University Islamabad, Lahore and Karachi Campuses for the academic session 2014-15 were approved by the Competent Authority of the University:

S. No.	Name of Category	No. of seats
1.	<b>Management Sciences Department</b>	
	BBA	1068
	BS (A&F)	100
	MBA	647
	MS (PM)	244
	MS (Finance)	25
	MPhil	22
	PhD	6
2.	<b>Electrical Engineering Department</b>	
	BEE	324
	MS(EE)	62
	PhD (EE)	-
3.	<b>Computer &amp; Software Engineering Department</b>	
	BSE	165
	BCE	101
	MS (SE)	48
	PhD (SE/CE)	1
4.	<b>Computer Sciences Department</b>	
	BS(CS)	627
	BS(IT)	100
	MS (CS)	12
	MS (T&N)	29
	PhD (CS)	6
5.	<b>Earth &amp; Environmental Sciences Department</b>	
	BS (Geology)	131
	BS (Geo-Physics)	204
	BS (Environmental Sciences)	75
	MS (Geology)	17
	MS (Geophysics)	26
	MS (Environmental Sciences)	9
	MS (EPM)	10
6.	<b>Law Department</b>	
	LLB	123
7.	<b>Humanities &amp; Social Sciences Department</b>	
	BSS	267
	MS (Anthropology)	7
8.	<b>Psychology Department</b>	
	BS Psychology	155
	PMD/MPhil Psychology	-
	PhD Psychology	-
9.	<b>Medical &amp; Dental Department</b>	
	MBBS	150
	BDS	50

## Equity

BU admissions are purely based on merit without any discrimination of gender, race, cast, creed, sect or religion. Thus the university inducts students from across Pakistan and from all strata of society. Afterwards, BU ensures that no one is constrained to quit studies for want of resources due to financial hardships. At present, BU provides financial support to 15% of its students' population.

## Scholarships at Bahria University

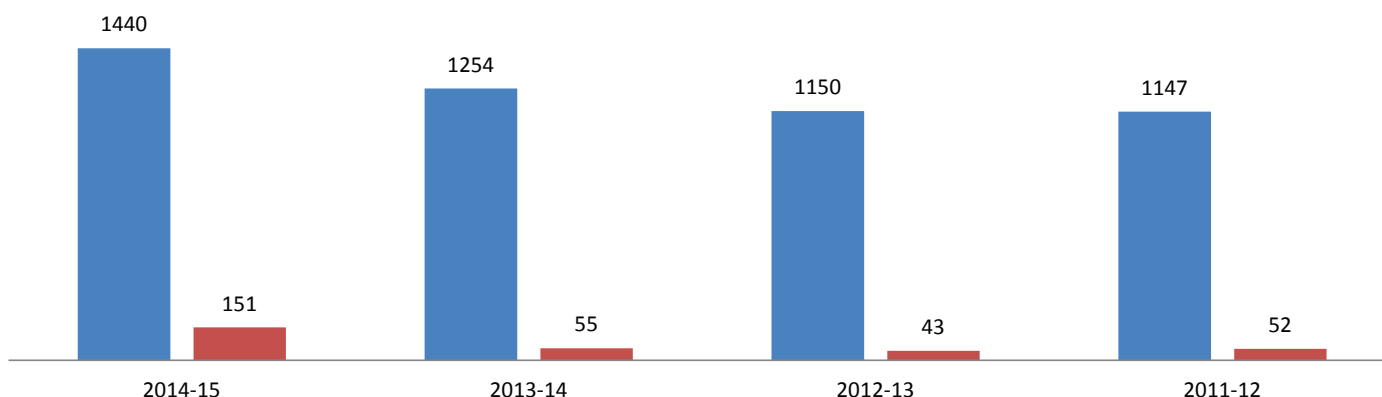
Bahria University is supporting its students by providing them scholarships under various categories. In current fiscal year 2014-15 an amount of Rs. 31 million has been allocated from university's own resources to financially support students having low income background and awarded Merit Scholarship to high academic performers.

Following is the overall summary

S.No	Scholarship Program	No of Scholarships	Amount in Million (Rs)
1	Financial Assistance Scholarship	946	18.70
2	Indigent Scholarship	68	1.40
3	Merit Scholarship	426	9.00
<b>Grand Total</b>		<b>1,440</b>	<b>29.10</b>

### No. of Scholarship Beneficiaries

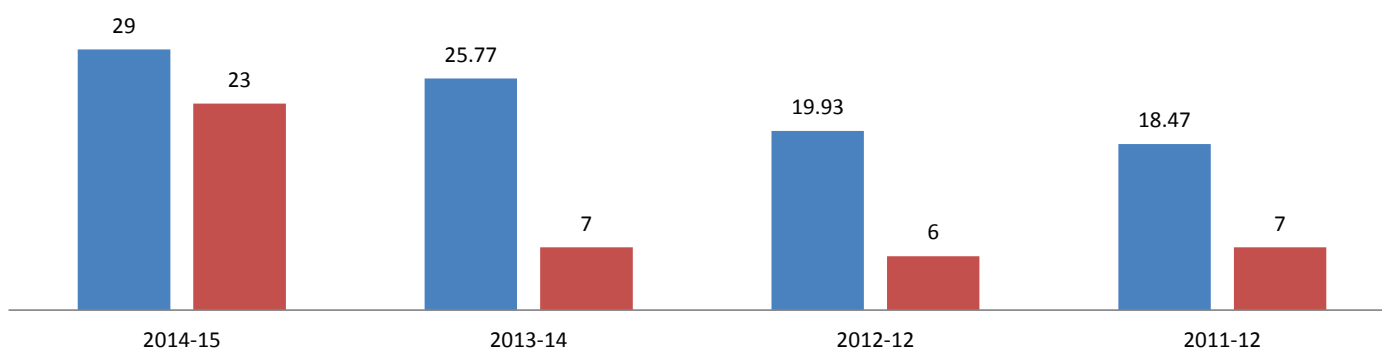
■ No. of Scholarships from University Resources ■ No. of Scholarships from External Resources



### Yearly Disbursement of Scholarship Amount

(Amount in Millions)

■ Amount from University Resources ■ Amount from External Resources





According to BU Scholarship Policy, scholarships have been awarded in different categories during Fiscal Year 2014-15. Scholarship award is 100% transparent process from the announcement of scholarship to the award and then monitoring of students' academic performance. BU also ensure that deserving students get the scholarship as per respective scholarship category.

### Scholarship From External Resources

Apart from contribution through own resources, BU is also recipient of external scholarships from Government of Pakistan, Provincial Govt and other donor agencies.

S.No	Scholarship Program	Amount in Million (Rs)
1	Provision of Higher Education Opportunities for the students of Baluchistan and FATA	0.97
2	National ICT Scholarship Program	9.14
3	HEC Need based Scholarship	6.00
4	Indigenous Ph.D 5000 Fellowship Program	3.54
5	Worker Welfare Provinces Boards	0.73
6	HEC-Prime Minister Fee Reimbursement Scheme for less deprived areas of Pakistan	1.43
7	PEEF Scholarship	1.06
GRAND TOTAL		22.87

### Advance Merit Scholarship

The Advance Merit Scholarship is awarded to those students who top in their respective Boards of HSSC/ Equivalent Examination policy entails full tuition fee reimbursement to such students.

### Merit Scholarship

For encouraging the students to achieve and maintain good academic record, Merit Scholarship is offered to the outstanding students of the Bahria University.

### Financial Assistance Scholarship

Bahria University offers Financial Assistance Scholarship to financially deserving but academically sound students.

### Indigent Scholarship

Indigent Scholarship is offered at Bahria University to highly deserving students. This Scholarship opportunity is for those students who are unable to meet their academic expenses and are not excellent in academics due to some reasons.

### Student Study Loan/Revolving Fund

Student Study Loan/Revolving Fund policy has been

introduced from Spring 2014 to encourage the brilliant students (new intake) having low income background or may be impeded by the lack of financial resources, to get admission at BU.

### HEC Need Based Scholarships

Higher Education Commission (HEC) aims to elevate the socio-economic position of the needy & deserving students by providing access to quality education through need-based scholarships. Government of Pakistan.

HEC Indigenous 5000 Fellowship Program for MS, MPHIL and PHD Students Of Bahria University

HEC 5000 Indigenous Scholarship Scheme is designed to support the students of MS, MPhil & PhD Programs studying in public/private universities of Pakistan / AJK National.

### Prime Minister's Fee Reimbursement Scheme For Less Developed Areas (SELECTED REGIONS)

The Federal Government, in a move to support the educational sector of less developed areas of Balochistan, Gilgit/ Baltistan, FATA, Interior Sindh, South Punjab, Malakand, Kohistan and D.I. Khan areas of Khyber Pakhtunkhwa has decided to pay the tuition fee of all the students of these areas studying

in Masters, M.Phil and PhD in the Public Sector Universities (including Bahria University).

## **Punjab Education Endowment Fund (PEEF) Scholarship Quota For Bahria University**

Bahria University has been allotted scholarship quota for 20 students in the Academic year 2014-15 in the disciplines of Management Sciences, Engineering and Computer Sciences.

## **National ICT Scholarship Program – MINISTRY OF IT, R&D FUND**

National ICT R&D Fund is offering scholarships to talented students from rural/non-metropolitan areas of Pakistan with the objective to develop human resource capacity in the fields of Information and Communication Technologies (ICT). The Prime Minister's National ICT Scholarship Program provides fully funded 04 year undergraduate degree scholarships in ICT related disciplines in the leading ICT universities of Pakistan including Bahria University.

Bahria University is included in Prime Minister National ICT Scholarship Program (PMNICTSP) since 2011. This scholarship caters for the following:

- Entrance Exam Fee
- Admission and Tuition Fee
- Hostel and Dining Fee

Students currently availing this opportunity

## **Testimonials**

### **1. Soohan Soomro**



My name is Soohan Soomro D/O Hussain Ahmed Soomro. I belong to Hyderabad, Sindh and I have done my FSC from F.G Degree College (Hyd Cantt). I am currently studying Electrical Engineering at Bahria University Karachi Campus. NICT Scholarship

program has helped me to fulfill my dream of studying at one of the leading higher education institution in Pakistan. Bahria University has enabled me to achieve my goals and it plays a major role in grooming future leaders who can make positive difference to the world around them. The best part about this program is that scholarship is awarded only to the deserving students.

### **2. Muhammad Asif**

My name is Muhammad Asif S/O Abdul Jabbar and I belong to Mirpurkhaas (Sindh). I was born in a middle class family and I did not have enough resources to continue higher education. But I was fortunate enough to be selected on merit in the



NICT Scholarship Program. I am currently enrolled in the undergraduate program at Bahria University, Karachi. Bahria University has supported me in this regard and I am very thankful for providing me opportunity to pursue higher studies.

### **3. Muhammad Ejaz**

My name is Muhammad Ejaz and I belong to Uch Sharif, District Bahawalpur. I did my Matriculation from Government Fazil High School Gamani, Uch Sharif in 2012 followed by ICS from Government Gillani College in 2014. I qualified for PM



NICT R&D Test in 2014 and chose Bahria University Islamabad to be my alma mater. I am currently studying in Bachelors of Computer Sciences and I have secured 3.5 GPA in first semester.

### **4. Muhammad Idrees**

My name is Muhammad Idrees and I belong to a village near Chichawatni District near Sahiwal (Punjab). I passed my Matriculation exam from Government High School from a nearby village as there were no high school



facilities in my own village. I secured 80 percent marks and attained first position in my school and then passed my Intermediate exams from Govt. College Burewala where I secured 77% marks and after that I decided to take ECAT. While I was preparing for ECAT, the Ministry of Information and Technology Pakistan announced Prime Minister NICT Scholarship Program in different universities which is a fully funded

scholarship program for 4 years. I took my test for the NICT Scholarship Program from Multan. I obtained good marks in the test and I was offered the option of 17 universities out of which I chose Bahria University Islamabad for my higher education because I had heard about its highly qualified and cooperative faculty and staff. Currently, I am enrolled in the Electrical Engineering Department of undergraduate program at Bahria University Islamabad. I am in the second semester and enjoying a fine environment of studies at the university.

#### 5. Khalil Rehman



My name is Khalil Rehman and I am doing Bachelors in Electrical Engineering at Bahria University, Islamabad. I did my FSC from Government Muslim Science Degree College Hyderabad, Sindh. I applied for Prime Minister NICT Scholarship

Program under the Ministry of Information and Technology Pakistan and qualified NICT Scholarship Program 2014, which was a big achievement for me to be selected as one of the few students from whole country. On the orientation day, we were invited for the choice of universities and I opted for Electrical Engineering Department of Bahria University Islamabad as it is one of the finest higher education institutions in Pakistan. I am grateful to Prime Minister NICT Scholarship Program as it gave me the opportunity to study at Bahria University and the university has fully supported me in this regard which has resulted in my better performance.

#### 6. Wahab Khan

My name is Wahab Khan and I belong to a small village in the province of KPK. I passed my Matriculation exam from Government High School Khairabad and FSC from Government Degree College Gulabad in which I obtained a high score and then after qualifying PM NICT Scholarship Program test I was selected as an NICT scholar on the allocated seats for KPK. I am currently studying at Bahria University Islamabad where I have secured 3.6 GPA in my first semester and I hope to continue my studies and produce more fruitful results in future.



#### 7. Mohammad Azeem Ghauri



My name is Mohammad Azeem Ghauri and I belong to Burewala District Vehari (Punjab). I passed my Matriculation Exam with 92 % marks from Govt. B.T.M High School Burewala. I did my FSC in Pre- Engineering from Govt. Post Graduate College Burewala. While I was preparing for my entrance tests exams for admissions in universities, my teacher advised me to take “Prime Minister NICT R&D Award Test 2014”. I took the test and qualified for the award of scholarship and got admission in the Department of Electrical Engineering (Undergraduate Program) at Bahria University Islamabad. I worked very hard and secured 3.875 CGPA in my first semester. I have found a very fine environment of studies along with cooperative and friendly staff at Bahria University and hope to continue my higher studies in same institution.

#### 8. Manghan Gir

My name is Manghan Gir (Alias) Sham Sunder and I am currently studying BS (CS) at Bahria University Islamabad. I belong to a small city Khipro in District Sanghar, Sindh, Pakistan. I acquired early education from my hometown



and then passed my FSC exams from Mithi Tharparkar. After qualifying ICT Scholarship Program Test, a list of universities was offered to me and I selected Bahria University Islamabad for Bachelor's degree in Computer Science. I am so thankful to ICT R & D Fund for the admission in Bahria University. Bahria University has highly supported me in this regard and I have secured 3.78 GPA in first semester, I consider myself fortunate for studying at one of the leading higher education institutions in Pakistan.

#### 9. Muhammad Riaz



My name is Muhammad Riaz and I belong to Bajaur Agency, FATA. I have passed my Intermediate Exams from Govt. Post Graduate College Khar Bajaur Agency. I got an A grade in Intermediate from BISE Malakand. I have



qualified for “Prime Minister National ICT R & D Scholarship Award 2014. I am currently studying at Bahria University Islamabad and secured 3.52 GPA in my first semester.

#### 10. Mubashar Iqbal

My name is Mubashar Iqbal and I'm currently studying in the second semester of Electrical Engineering Department at Bahria University Islamabad. I belong to Narang Mandi, a remote area of District Sheikhpura. I received early education from hometown and during preparation for FSC exams, my teacher guided me to apply for the ICT Scholarship Program. After qualifying scholarship I chose Electrical Engineering Department of Bahria University Islamabad. I am so thankful to ICT Scholarship Program for giving me this opportunity. I am also thankful to my respected teachers for the right guidance and support to pursue my higher studies.



#### 11. Suneel Kumar

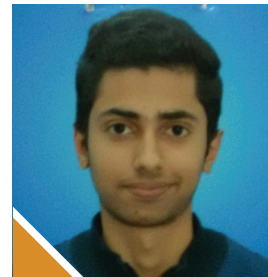


I am Suneel Kumar from Islamkot District, Tharparkar, Sindh. I am currently studying Computer Science at Bahria University Islamabad under the Prime Minister NICT Scholarship Program 2014. I received early education from the school in a village and passed Matriculation and FSC Exams from the city of Islamkot. I qualified ICT Scholarship Test and got admission in Bahria University Islamabad. I have completed my

first semester with 3.59 GPA. I am thankful to Bahria University for wholehearted support.

#### 12. Ahmad Jamal Tariq

My name is Ahmad Jamal Tariq and I am currently enrolled in the Department of Computer Sciences at Bahria University Islamabad. I got admission in Bahria University in fall 2014 via Prime Minister's NICT Scholarship Program. Both my institution and NICT R&D Funds have realized my hard work and provided tremendous platform to groom and polish my skills and I aim to work for the betterment of my country which has provided me this opportunity and made me a more confident person.



#### 13. Muhammad Imran

My name is Muhammad Imran and I belong to a village in Bajaur Agency, FATA. I received my early education from Primary School Damadola, I did Matriculation from Government High School Inayat Killi, FSC from Government Degree College Barkhazai Bajaur Agency. I qualified ICT R&D Test with 99 % marks and got admission in Bahria University Karachi Campus on full scholarship. I have completed my first semester with 3.42 CGPA and I recently got transferred from Bahria University Karachi to Bahria University Islamabad Campus.



## Prime Minister National Laptop Scheme Under Supervision Of HEC

1. Government of Pakistan has taken a commendable initiative to award Laptops to the students enrolled in Public Sector Universities. The basic eligibility criteria for data collection which was mentioned by HEC is as follows:
  - i. The entire students of all PhD, MPhil and MS programs studying in any Public sector HEI's duly recognized by HEC.

- ii. The distribution of Laptops to the students who are studying in Masters (16 years), and Bachelors will be on merit and will be given to top students who have secured 60% marks in previous annual examination or 70 % marks ( based on CGPA) in last semester examination as per the semester system of the HEI's.

The detail of distribution of Laptops at Bahria University to date is as follows:

S.No	Description	No. of Laptops, Bags & Evos Received from HEC	No. of Laptops, Bags & Evos distributed to students
1	Assets received from HEC and issued to students	2848	2848



Laptop Distribution Ceremony at Bahria University Islamabad



Laptop Distribution Ceremony at Bahria University Karachi Campus







## CHAPTER - EIGHT

### University Building Economies

BU Annual Report 2014-15



## 8 - University Building Economies

In today's knowledge economy, the role that universities play is taking on a fundamental transformation. 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 in which to thrive in our country.

### Internship & Placement Office

Bahria University remains committed in providing not only quality academic services but also offers career services that include employment opportunities, professional grooming and counseling to its students

and alumni. The Office of Student Affairs and Career Services keeps on strengthening academic linkages with industry in order to provide the market with our talented and skilled graduates as valuable workforce.

Dedicated staff has been appointed in all BU Campuses to facilitate students and Alumni in best possible way. A very efficient mechanism is being followed where the students and alumni are facilitated in choosing the right career paths and future goals.

### Bahria University Open House 2015

Bahria University hosted Open House 2015, giving opportunity to final year students from Departments of Electrical Engineering, Software Engineering, Computer Sciences and Management Sciences to display their final year projects. Open House showcased some of the brilliant projects from Bahria University.

The event was organized at the premises of Bahria University Islamabad. Honorable Rector of Bahria University Vice Admiral (R) Tanveer Faiz HI (M) graced the occasion as a Chief Guest. Director General/Pro-Rector, Registrar, and senior management of the





university was also present.

There were a total 108 projects from diverse engineering branches including management sciences, software engineering, control systems, communication systems, embedded systems, robotics, radio communications and wireless communication. The ceremony concluded with the Awards presentation for the top 3 projects in each department.

Renowned companies from the national and multi-national sector visited Open House as a part of university's ongoing Academics-Industry collaboration. The representatives appreciated the innovative projects designed by the students and conducted interviews for hiring fresh graduates of the university in their respective organizations.

### Nestle Recruitment Drive

Nestle Pakistan visited Bahria University Islamabad on 25th May, 2014 for awareness on employment opportunities. Their team also imparted knowledge about professional skills required for recruitment. The students of Bahria University Islamabad interacted with Nestle's HR professionals and inquired about hiring procedures and their preferences.



### SNL Financial Pakistan

SNL Financial Pakistan in collaboration with Career Office conducted on-campus interviews at Bahria University Islamabad for the position of "Analyst-Metal & Mining" on 24th September, 2014 at Lecture Theatre-2. Around 60 candidates underwent the first phase of selection and screening process, who were interviewed by HR team from SNL Financial out of

which seven (07) candidates were selected to work as interns in various departments of SNL Financial Pakistan.

### Talent Hunt by Capital TV for Traineeship Program

Capital TV Human Resource team visited Bahria University for on campus auditions and interviews for



their Traineeship program on 4th December, 2014. A number of students and graduates appeared and showcased their talent.

### Professional Training and Workshop by National Foods LTD

Professional team from national Foods LTD visited Bahria University Islamabad on 18th December, 2014 to conduct a workshop with graduating students of different departments. The workshop covered the following topics:

- CV/Resume making
- Interview Skills
- Corporate Environment



## Career Expo 2015

Bahria University Islamabad organized Career Expo'15 on 4th March, 2015, which not only aimed to bring job seekers and employers under one roof but also guide candidates on various career paths and innovative job hunt tactics. The job fair was poised to serve as a cost-effective way for the organizations to directly interact with prospective candidates and recruit the required talent without going through hassle of traditional hiring practices.

The Honorable Pro Rector Bahria University Rear Admiral (R) Saleem Akhtar inaugurated the event. Other senior management of university, alumni and potential employers were also present at the occasion. The Career Expo '15 provided a unique forum to connect employers who offer career opportunities with candidates from Bahria University Islamabad. The industry players as well as human resource experts from top organizations gave overview of the various industries' update on HR demands, entry requirement and career prospects. The event was arranged with an objective of not only connecting top talent with great employers but also to provide opportunity for students and alumni to learn about job openings, research companies and practice their interviewing and networking skills.

The event spanned over a whole day. Around 70 leading companies from telecom, FMCG, services, manufacturing, NGOs and banking sector participated in the Career Expo 2015. Other resource persons who

were available included career counseling professionals. The employers conducted on spot interviews and selected the candidates as per their requirement. Major companies like Telenor Pakistan, Mari Petroleum, Nayatel, Beaconhouse School, MCB AH Savings and Investments, Askari Bank, Haidri Beverages PVT Limited, Synergy Advertising, Channel 7, Bahria Town, PPAF, SNL Financial, Wi Tribe, PTCL along with many other notable organizations graced the event with their presence.

Over 2000 students and 350 alumni appeared for interviews and explored career opportunities for themselves.

## TCS Guest Speaker Session

TCS visited Bahria University Islamabad on 10th March, 2015. The President & CEO of TCS Pvt Ltd



Mr. M A Mannan deliver a guest speaker session with graduating students of Management Sciences and Computer Sciences.



*Inauguration of Career Expo 2015*



### Shell Pakistan Recruitment Drive

Shell Pakistan visited Bahria University Islamabad on 19th March, 2015 for its annual Shell Campus Recruitment Drive to interact with our students and share with them career opportunities (MTO Program and Summer Internships) at Shell Pakistan.

### Ufone Summer Internship Program -2015 On-campus Test and Interviews

Ufone visited Bahria University Islamabad 22nd April, 2015 to hunt interns for their summer internship program. Ufone conducted its online test of around

150 students from Management Sciences department at Computer Lab.

### Telenor Guest Speaker Session

Telenor Pakistan visited Bahria University Islamabad on 05th May, 2015. The main aim of the session was to ensure a constructive experience or the right exposure for the students. The idea of the session was to create awareness regarding this process which included guidance for students for participation in competition and essential requirements.







## CHAPTER - NINE

### University Building Communities

BU Annual Report 2014-15



## 9 - University Building Communities

### BU Community Support Program

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. 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, Bahria University management has introduced a policy from Spring-2013 which makes it mandatory for all students in undergraduate programs to complete minimum 40 contact hours of community work (which makes one week of active student participation) for the completion of their degree.

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.

### Pakistan Sweet Homes

The management of BU has recently linked up with Pakistan Sweet Homes, an NGO that was established in 2009. Pro Rector Rear Admiral (R) Saleem Akhtar HI (M) and Director Student Affairs, Ms. Sundal Mufti visited Pakistan Sweet Homes Islamabad to interact with the young orphans.

The Managing Director of Pakistan Sweet Homes Mr.

Zammurad Khan visited Bahria University Islamabad and conducted an orientation and briefing session about Pakistan Sweet Homes. Pakistan Sweet Homes is the largest orphanage in the subcontinent with 28 centers established across the country providing shelter to about 3200 orphans.



*Visit of Pakistan Sweet Homes team to Bahria University*



**Rector BU Inaugurates Sports Complex at Pakistan Sweet Homes**

The M.D of Pakistan Sweet Homes, Mr. Zamurad Khan invited Rector Bahria University Vice Admiral (R) Shahid Iqbal HI (M) as a Chief Guest for the inauguration ceremony of Sports Complex at Pakistan Sweet Homes H/9 Islamabad.

Bahria University's collaboration with Pakistan Sweet Homes under Community Support Program provides great opportunity to volunteer students for community work. Students of Bahria University provide voluntary services for 02 hours twice a week at Pakistan Sweet Homes.

While speaking to the audience, Rector Bahria University Vice Admiral (R) Shahid Iqbal HI(M) said that it is an honor to work with a noble organization like Pakistan Sweet Homes; BU will extend all out



organizational support to strengthen the community work for Pakistan Sweet Homes.

### **Inauguration of Computer Lab gifted by Bahria University at Pakistan Sweet Homes**

The management of Bahria University gifted a Computer Lab to Pakistan Sweet Homes consisting of computer systems along with networking accessories, furniture and ancillary equipment worth Rs. 1 million. The provision of Computer Lab included renovation, interior decoration, furniture items, installation of Computer systems by the IT Department of Bahria University.

The Computer Lab was inaugurated by the Rector of Bahria University in January, 2015. The Rector announced that Bahria University will follow and provide further assistance for the maintenance of Computer Lab and will send students and faculty to conduct computer classes. The ceremony was followed by a colorful cultural show performed by the young students of the Pakistan Sweet Homes. The Senior Management & faculty members of Bahria University attended the ceremony.



### **Visit of the Psychology Department of Bahria University to Pakistan Sweet Homes**

The children living in Pakistan Sweet Homes are the orphans who have lost their families in terrorist



attacks, floods, earthquakes and other calamities. They are suffering from trauma and are in need of counseling sessions for personality development and mental growth.



The students of the Psychology Department of Bahria University visited Pakistan Sweet Homes in November, 2014 under the supervision of the Head of the Department of Professional Psychology, Mrs. Uzma Masroor to conduct free counseling sessions for the children of Pakistan Sweet homes.



### **PEACE/ Counseling Sessions Project**

The students of Psychology Department Bahria University Islamabad have designed a counseling project for the children of Pakistan Sweet homes by the name of "PEACE". The vision of this project is a transformed society in which every person has a chance to realize his full potential and is able to reintegrate into society as individuals having high self-esteem, self-sufficiency and firm psychological health. The acronym PEACE has been chosen as psycho-socially, emotionally and cognitively challenged persons, who will appear as a composed, productive and constructive member of our society to bring peace in Pakistan.



## All Pakistan Geo-Scientists Association

All Pakistan Geo-Scientists Association conducted a series of Community Support Program workshops in BU Auditorium from February 2015. One class from each department of Law, BBA, BSCS and BSS participated in these workshops. APGA is working with a mission to empower the out-reach workers through their capacity building in order to expand quality education environmental responsiveness, human rights and to protect gender in equalities in Pakistan.



These workshops consisted of a number of events and activities like Blood donation stalls, hygiene awareness sessions to the students, garbage collection sessions, defining traffic rules to the students for infield assistance to traffic police, guidance for recycling. Moreover sessions by renowned humanitarians on development of civic sense were given to help students to understand the concept in day to day life and to emphasize its value for them and the society on the whole.

The major and core activity was the visits by the



students to different schools and community areas to deliver the learnt awareness to the youth and the society regarding hygiene, traffic rules and importance of civic sense.

## Rozan – One Billion Rising Campaign

One Billion Rising, an international campaign, is being carried out in Pakistan by Rozan and Insan

Foundation on bringing positive change in the society about injustice against the vulnerable like women, ethnic and religious minorities and the poor. Keeping the yearly tradition alive, Rozan Pakistan visited BU Islamabad campus to record voices on the two themes 'Rising for an Inclusive and Peaceful Pakistan' and 'Pur Amman, Mutahid, Sab ka Pakistan' in English and Urdu respectively. Students of BU had to sign posters with messages on them which were collected on 15th January, 2015 and publicly displayed on 14th February, 2015. Singers from the Music Society of BU also sang and recorded anthems written on the topics for the promotion of the campaign.

Moreover, three sections of BBA helped Rozan in carrying out a research related to child sexual abuse in Pakistan.



## DFID Conference on Women Empowerment

Under the banner of 'He or She Pakistan', DFID held a conference on 28th February 2015. The conference followed a pattern of 1 hour interactive sessions with an esteemed panel comprising of heads of prominent non-profit organizations, public policy representatives and social critics. The conference served as a grand forum for brainstorming on solutions for issues related to female subjugation and handicaps suffered by women of all strata's within the international community. The session also targeted the root cause of marginalization and aimed to understand the patriarchal psyche existing within most developing nations.

Furthermore, the conference moved to address various other forms of subjugation and hindrances faced by women in the corporate sector. The session particularly targeted women in media and brought in experts working within the field to speak on key issues by drawing personal experiences.

Moreover, the international slogan 'He or She' served as

a theme for the conference and aided in understanding gender equality by bridging the gap between both genders and creating solidarity among them.



## Flood Relief Campaign at Bahria University Islamabad

Bahria University Islamabad continued the tradition of social welfare activities by stepping forward to help the flood victims under its Flood Relief Campaign. The donations were collected throughout the Islamabad campus for the people who were affected by the devastating floods in Punjab. Students actively participated in the donation collection from 10th -22nd September, 2014. The items were distributed to flood victims in eight villages of Union Council of District Pasroor under the supervision of Bahria University staff members. The enthusiasm of the students to participate in collecting funds signifies the spirit of community service and empathy instilled in them by the Bahria University.



## One Day Workshop on “E & P” Sector of Pakistan & Importance of Shale

Bahria University’s Department of Earth & Environmental Sciences recently organized a workshop on “Exploration & Production of Oil & Gas and Importance of Shale Gas” from the platform of

All Pakistan Geoscientists Association (APGA) on 29th September 2014. It was the first talk of APGA student chapter lecture series 2014 delivered by Mr. Muhammad Bilal and the series will continue to bridge the gap between academia and industry. Head of Department, Dr. Muhammad Zafar, faculty members, and fifty students attended the workshop.

## MoU signed between BULC and Civitan International

Civitan International is an association of community service clubs founded in 1917. The organization aims “to build good citizenship by providing a volunteer organization of clubs dedicated to serve individual and community needs with an emphasis on helping people with developmental disabilities.” The organization includes 40,000 members (referred to as Civitan) in almost 1,000 clubs around the world.

A MoU was signed between Bahria University Lahore Campus and Civitan International in order to establish a framework to facilitate cooperation between the parties in specific areas and complement efforts in order to strengthen the relationship/ collaboration. Bahria University Lahore Campus will support the Civitan whereas, the Civitan will facilitate the students of Bahria University Lahore Campus for completion of their 40 contact hours under community support program.



## Dental Team of BUMDC Visits Special School

Oral health is an important aspect for all children, especially those with special health care needs. Physically disabled children experience greater challenge in maintaining proper oral hygiene and health care, often due to a lack of basic motor skills



and intellectual abilities that precludes proper tooth brushing.



Oral health is amongst one of the neglected areas of health care needs in Pakistan. Therefore, the Department of Community Dentistry at Bahria University Medical and Dental College organized a visit to Pakistan Navy M.A Rangoonwala Special Children School at PNS Karsaz in September 2014. The school caters to children with special needs to help them carry out the routine chores and meet the daily challenges of life.



The team led by the Head of the Department, Dr. Kulsoom Fatima Rizvi, lecturers, and 30 students of 2nd Professional B.D.S visited the special school. A total number of 260 children between 6-20 years were examined by the dental students under the mentorship of their supervisors. Children were taught proper brushing techniques through animated videos and demonstration on models. Colgate also offered complimentary gifts for the children.

This trip had a two-fold influence on the learning of dental students. Firstly, it enhanced their communication and interaction skills with the disabled

individuals. Secondly, it educated them about the prevalent dental anomalies in children with Autism and Down Syndrome.



### Free Dental Camp at SRE Sabir, Karachi

Bahria University Medical & Dental College (BUMDC) conducted a free dental camp at SRE SABIR in December 2014 in Karachi. Dentists of BUMDC including Dr. Faizan Syed, Dr. Zahra Zeeshan, Dr. Raima Bashir and Isra Ahmed screened residents for oral and dental problems. They were briefed about the importance of oral hygiene and were motivated for routine brushing and healthy dietary habits. Free oral health kits containing toothbrush and tooth pastes, sponsored by Colgate Pakistan were distributed among the children & adults along with educational brochures and brushing charts to encourage oral hygiene practices. The program evoked good response from the residents.



### Mental Health Camp at PNS Shifa Hospital

The summer internees of the Institute of Professional Psychology under the supervision of Ms. Naima



Fatima Shariff organized a mental health camp for the Nursing students at PNS Shifa hospital. The camp which consisted of Personality Assessment Centre and Brief Counselling Centre helped the students in identifying their strengths and provided them with basic skills to overcome their challenges.



## Active Citizens Program with British Council

The Active Citizens program at IPP has grown tremendously since its inception in September 2013. IPP has trained nearly 70 students so far through 17 different emerging community welfare projects.

The MOU signing between the Bahria University and the British Council on the 20th of Oct 14 has given the program formal recognition and taken it to the next level. Andy Hansen (Head of Society British Council),



Mark Robinson (Consultant, Society and Development Strategies, Education and Society, British Council) and Shazia Khawar (Director, Youth and Society, South Asia, British Council) interacted with the students and learnt about the work being done. Along with social welfare, social entrepreneurship was also encouraged. The recent selection and incorporation of three student groups, Hunar, Rangrez and The Rising Threads in the Bahria Incubation Centre has taken this venture way forward.



Student groups that have been sustaining their projects have reaped further benefits from this program. British Council has selected four students for the experiential National Exchange Program, Faiza Shah, Marina Khan, Hafsa Afzal and Sana Ejaz to visit Peshawar, Multan and Lasbella. These students had the unique opportunity to interact with local community ventures, British Council representatives and other participants including National Award winners. One student Eiman Siddiq has been selected to participate in an International Study Visit to the UK in November while the selection of four others is under consideration.

Recently 10 students representing different ventures were selected to showcase their Social Action Projects at the formal launching of the ACP at the Higher



Education Commission, Islamabad, in conjunction with the British Council. Director General BUKC, Vice Admiral (R) Khalid Amin, Director BUKC, Captain Mohsin Hayat Malik, Director IPP, Dr Zainab Zadeh and ACP coordinator for IPP, Dr. Kiran Bashir Ahmad were also present to encourage the students and facilitate their work.

## Social Action Projects

The final showcasing of the Social Action Projects (S.A.P) by fifty three students of BS 5, fall 2014 semester was held on 19th Dec 2014 under the supervision of the Director IPP, Dr. Zainab F. Zadeh and course instructor Dr. Kiran B. Ahmad. The panel of judges rated the students on their process and impact and provided feedback. The panel comprised of Mr Imran Ali (Manager BIC at Bahria University), Mr Iftikhar Ahmed (British Council), Mr Zahid Farooq (Urban Resource Center) and Ms Seema Liaquat (Urban Resource Centre). A total of eight SAPs were presented out of which three were declared suitable for further presentation on the basis of their potential, namely, Aaghaz and Pehchan for their focus on the uplifting the marginalized communities and the project BWC foundation (Because We Care) of its focus on providing emotional first aid - a need of the day. This project has also been selected by Mr Imran Ali for eventual inclusion in the Business Incubation Centre on account of its potential as a business venture.



## Rescue 1122 visited BULC

Bahria University Lahore Campus hosted a workshop conducted by rescue 1122 in July 2014 under the supervision of CIVITAN club. The workshop included training related to FBAO (Foreign Body Airway Obstruction) and CPR (Cardiopulmonary Resuscitation). Lectures were given by Mr. Ansar and Mr. Aamir about CPR, FBAO along with the practical



performance on a dummy. The purpose of this workshop was to train the students for any emergency/ mishap so not only take care of themselves but also become able to help others, when needed.

## TDCCP Workshop

TDCCP (Tourism development Corporation of Punjab) in collaboration with CIVITAN Club organized a workshop at Bahria University Lahore Campus on 20th October 2014. Mr. Usman Qureshi (Director Consultant Youth tourism wing) and Mr. Nouman (Manager Bag Packers Club) were the guest speakers at the session. The purpose of this workshop was to target the students and youth towards the program launched by TDCCP i.e. Tourism. This program aimed to empower students by providing information and knowledge about tourism sector and imparting appropriate and effective tourism education and training. The program ensures that Pakistan possesses a cadre of creative, capable and qualified people who can contribute towards competitive tourism industry. The workshop was attended by a number of students from all the departments. Mr. Osama Javed Butt graced the workshop; he presented souvenirs to the guest speakers on behalf of Director Campus.





## Praying ceremony for the souls of children of Army Public School Peshawar

Martyrs of Army Public School Peshawar laid their life to establish more firm and united education system in Pakistan but left grief and sorrow in the atmosphere of Pakistan. Students of Bahria University Lahore Campus arranged praying ceremony on next day of the incident. The ceremony took place at multipurpose hall of the campus and almost all the students of each program attended this ceremony. The ceremony was conducted by faculty members of BULC. Ceremony started with the recitation of the Holy Quran. After paying the tribute to the students of Army Public school Director BULC addressed the students about the narrow mindedness of enemies of Islam. He assured that university is not afraid of any enemy of students and Islam. He also emphasized that being a student one should look after the university premises and inform faculty or security in case of any suspicious movement inside or around the university campus.



## Crown and Bridge Workshop in Bahria University

As part of the recently held 3rd International conference of Pakistan Prosthodontics Association, a hands-on workshop on Mandatory skills for Crown and Bridge Practice was conducted by Bahria University Medical & Dental College.

The workshop was led by Dr. Mohammad Abdalla Al Rabab'ah, Head of the Department (Conservative Dentistry), University of Jordan. This special program was designed to benefit the participants in gaining knowledge, confidence and to enhance their handling skills during Crown and Bridge procedures.

Young dentists, post graduate trainees and house officers from different universities actively participated in this workshop. The session which started with a welcome speech given by the Principal of BUM&DC

Dr. Nasreen Amanat, was followed by a series of interesting lectures by Dr. Rabab'ah and ended with an interactive Question & Answer Session. The closing speech was given by the Director General Bahria University who appreciated the efforts of the organizers, for providing a learning platform for the upcoming dentists. President PDA, Dr. Saqib Rashid graced the event with his presence.



The second aspect of the session included a live demonstration by Dr. Rabab'ah, after which participants practiced crown preparation on phantom heads in the Phantom Head lab. This state of the art lab is especially designed for such workshops at BUM&DC.

Pakistan Prosthodontics Association & Pakistan Dental Association together with Dr. Saman, Head of Department of Prosthodontics at BUM&DC, Dr. Sameer Quraeshi, Dr. Syed Ahmed Omer, Dr. Kulsoom Rizvi & Dr. Daud Mirza organized this workshop under the able guidance of Dr. Nasreen Amanat, Principal BUM&DC. The workshop was a successful effort which was duly appreciated by the participants, who were awarded participation certificate at the end of the workshop. The event evoked a good response from the participants and was well appreciated by the authorities.



## Training Programs

### Workshop: Acceptance and Commitment Therapy

To provide training, to psychology students, aspiring counsellors and mental health professionals, on how ACT can help to resolve negative thought processes preventing individuals to reach their goals, a workshop was conducted titled 'Acceptance and Commitment Therapy' on 12th August 2014 by Dr. Kiran Bashir Ahmad, Senior Lecturer IPP. Role plays and practical exercises were used to explain the essential aspects of the therapeutic process.

### Employee Assistance Program (EAP)

To facilitate self-growth and sense of well-being through counselling sessions under Employee Assistance Program (EAP) for the employees of Emirates Airlines were conducted by Dr. Zainab F. Zadeh, Dr. Tahira Yousaf, Dr. Kiran Bashir Ahmad and Ms. Naima Fatima Shariff.

### Orientation Visits to Hospitals

- BS 7 students of IPP under the supervision of Dr. Kiran Bashir Ahmad visited Karachi Psychiatric hospital on September 8th, 2014 for orientation session of a psychiatric setup and services provided there.
- Dr. Kiran Bashir Ahmad arranged for BS 7 students to Karwan-e-Hayat on September 16th, 2014 to provide an overview of the setup and services provided to psychiatric patients in the hospital.
- To pursue internship program Dr. Tahira organized a visit to Karsaz Special School for the students of MS program. The students were introduced to the on job handling of patients.

On 6th November, 2014 the Students of PMD, M.Phil. & MS conducted a workshop under the supervision of Ms. Naima Fatima Shariff at Brazil Government School to train primary school teachers to deal with maladaptive behavior in class and helped them to understand their role in the child's emotional and cognitive development.

On 16th December, 2014 Director Institute of Professional Psychology, Associate Professor, Dr. Zainab F. Zadeh, was invited as subject expert panelist in the seminar on 'Awareness on Gender violence in Pakistan' organized by Media Studies Department Bahria University Karachi Campus.



### Guest Speaker at PNS Himalaya

Director Institute of Professional Psychology, Associate Professor, Dr. Zainab F. Zadeh, delivered a motivational lecture as a part of Boot Camp Training (BCT) to newly joined under training sailors at New Entry School on 18th December, 2014 at PNS Himalaya. The lecture was attended by 500 participants.

### Community Oral Health Education Contest at BUMDC

A dental health education contest was organized by the Department of Community Dentistry at Bahria University Medical & Dental College Karachi on 20th October 2014, under the supervision of the Head of Department of Community Dentistry, Dr. Kulsoom Rizvi.



As part of the contest, 30 students of 2nd year BDS participated with each exhibiting different health



education material in the form of posters, leaflets, calendars, charts & booklets. The topics entailed the preventive and epidemiological aspects of community dentistry such as dental fluorosis, baby bottle tooth decay, oral health care during pregnancy and teen years, smoking cessation protocol and oral cancer.

The contest was concluded by a prize distribution ceremony in which the hard work of the organizers and the meritorious students were acknowledged through



honorary shields and appreciation certificates.

Such educational programs help in imparting diagnostic knowledge to dental students early on in their professional years, enabling them to serve community with profound skills.



### Participation of Bahria University at PTCN Seminar at NUST on 18th March, 2015

Bahria University Islamabad participated in a seminar by Pakistan Chapter of Talloires Network (PCTN) on “Sustainable Development Solutions and Action Plans for Universities and their Youth” on 18th March, 2015 at Main CIPS Auditorium at NUST. The seminar was attended by 15 other PCTN member universities and the focus was on the following topics:

- a. Education and skill development for poverty reduction in Pakistan

- b. Energy conservation and finding alternate sources for Pakistan

The event included two panel discussion sessions and visit to community service stalls displayed by the PCTN member universities. Many esteemed panelists enlightened the audience as to where we stand in Pakistan on the above issues, and what should be the next 5 year “action plan” for universities and their youth.

Bahria University displayed Community Service Stall at NUST which highlighted the activities being done through Community Support Program. The event was attended by the Honorable Rector, the team of office of Student Affairs, the faculty and students of Department of Professional Psychology, the team of Student Resource Centre, and a total of about 18 volunteer students from Bahria University.



### PSH Computer Lab Operational Plan (Community Support Program)

The tutorial computer classes for the children of PSH were initiated in April 20th, 2015. The idea was appreciated by most faculty members and they showed willingness to teach two hours session per week voluntarily. The computer tutorial sessions were arranged for Class 4 till Class 7 with each class having a 2-hour session weekly. The sessions are conducted by a CS faculty member along with a group of 5 CS students. Appropriate teaching material in accordance with the syllabus was designed. CS Faculty members made necessary arrangements for the purchase of required books, CDs, DVDs and other resources on voluntarily basis as a Community Service initiative. Community Service Record of the CS students are maintained through a Community Service Module implementation as a part of the CS department’s Website.



## Recycling Day

Under the Community Support Program, the Office of Student Affairs conducted a “Recycling Day” on 13th May, 2015 at Sky House School, F-11/3 Islamabad. Eight volunteer students from the Department of Management Sciences under the supervision of PO CSP participated in the event from BUIC and held a creative arts and crafts workshop with 30 children from Sky House School. The prime aim of the activity was to enable the students to understand the benefits of recycling and to teach them how to reuse solid waste into brand new products. The message was to tell them how recycling can conserve energy, reduce pollution and save environment.



Old newspapers, plastics, and metals were recycled by the BU volunteers and children of the school to make creative paper crafts, table decorations and centerpieces. The recycled end products made by the children were displayed on a notice board. Dustbins were placed in the school after the activity and the children were taught to reuse waste metal, glass, plastic and paper in different dustbins. It was a fun filled activity enjoyed by the children of the school. At the end of the event, art materials were distributed as giveaways to every student.



The Office of Student Affairs will be conducting more community service events with Sky House School in future.

## Lettuce Bee Kids Literacy Program IV

Keeping up with its tradition of being involved in community work, Bahria University Islamabad collaborated with Lettuce Bee Kids (for the fourth



time) to educate street children in summer vacations of 2015. Lettuce Bee Kids, an organization with an aim to educate the street children, has been working with Bahria University since 2012. This was their fourth program, titled “Lettuce Bee Kids Literacy IV”, with an initiative to educate the street children of Pakistan by giving them the education, skills and grooming that they deserve but cannot acquire.



The Lettuce Bee Kids Literacy Program 2015 was initiated in June at Bahria University, Islamabad where the computer labs were used for the purpose of interactive learning among the children. A total number of 26 students volunteered to take responsibility of 42



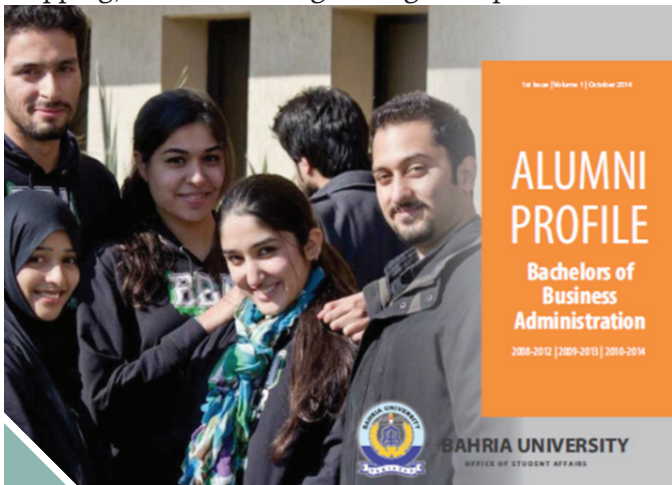
children. Most of the children were below the age of 10 whereas 60% of them had never been to school or received any formal education. The focus of learning for these children was reading, writing, English proficiency, arithmetic, motor skills, geography, and social and emotional development. This fruitful collaboration between BUIC and Lettuce Bee Kids was beneficial for both the volunteering students and the street children.



## Alumni Affairs

### BBA Alumni profile

Career Office has successfully compiled Alumni profile of 03 batches of Bachelors of Business Administration (BBA) comprising professional and contact details of around 520 graduates. Alumni profiles help in alumni mapping, network strengthening and provide career



opportunities for existing students as well.

### 3rd Executive Committee of Bahria University Alumni Association

The newly appointed 3rd Executive Committee of BUAA has been formed through merit based selection

process.

Mr. Adeel Aijaz Shaikh has been selected as the new President BUAA. He is a BBA (Hons) and MBA graduate from Bahria University, Islamabad; possess 13 years of experience in the areas of “Monitoring & Evaluation” and “Project Management”. Mr. Shaikh is presently working as “Manager Monitoring (HRD Initiatives)”, National ICT R&D Fund, Ministry of Information Technology- Govt. of Pakistan since 2007.

Mr. Nasir Mahmood Malik who completed his MS in Software Engineering (2008) from Bahria University has been appointed as Senior Vice President BUAA. Mr. Nasir has got more than 15 years of experience, working in government and corporate sector which includes Habib Bank Limited, Bahria University and Planning Commission in Islamabad and Pakistan Education Center (PEC) Doha Qattar. For the last 9 years, he is serving at the apex national planning and development organization, Ministry of Planning Development & Reforms as focal IT person.

Ms. Madiha Naseem Khan, a BBA Hons (2004-2008) & MBA graduate (2008-2009) of Bahria University has taken the position of Vice President BUAA. Madiha is a confident, thorough and bright Marketing Management and Business Development Professional having over 5 years of advertising industry experience. She entered the advertising industry immediately after the completion of her Master’s in Business Administration and within few years she is leading a team of more than ten experienced Advertising/Marketing professionals.

Mr. Iftikhar Ali, an MBA graduate of Bahria University (2009) has been appointed at the position of General Secretary BUAA. Iftikhar is a marketer by profession. Ever since he finished his studies, he is engaged with multiple professional platforms. After doing few internships, he worked at Mobilink and currently he is working as the Public Relations Officer (PRO) for Ministry of Industries, Govt. of Pakistan. He is also an entrepreneur and running his own production house under the title of IFFTI’s Productions.

Syed Waqas Waheed is the Marketing Manager of Bahria University Alumni Association 3rd Executive Committee. He studied MBA Marketing from Bahria University Islamabad. He was the chief coordinator of Bahria University Arts & Dramatics Club, Marketing Director of Bahria Business Club and also a part of different events held at BU Islamabad such as BizIgnition 2012 & 2013, Career Expo and Alumni Dinner. Currently he is working as Director Marketing and Public Relations at 360 Affairs.

Mr. Azhar Ali has been appointed as Event Manager BUAA. He completed his graduation in Business Administration (HRM) from Bahria University Islamabad in 2011. Presently, he is doing Masters in Project Management from SZABIST Islamabad. Over the years, Azhar has acquainted himself with a wide range of skills that allow him to merge with dynamic organizational culture and drive the team to new heights of success. Currently, he is working as Manager EVENTS (Channel 7 Group of Companies), Manager Umair Jaswal (Best Rock- Vocalist in Asia) and Vice President APGA (All Pakistan Geoscientists Association).

Mr. Salman Ahmed has been assigned the responsibility of the Fundraising Manager BUAA. Salman completed his BBA Hons with Marketing as Majors from Bahria University Islamabad in 2014. He has been involved in various entrepreneurial projects such as Eventador, (an event management firm, providing media solutions as well i.e. Advertisement and vice versa) and Budout Co. (a business consultancy firm that provides business development and outsourcing solutions)

### **BU Alumni Homecoming 2015**

Over the last 15 years, Bahria University has grown into one of the leading higher education institutions in Pakistan. The University has been playing a pivotal role in grooming future leaders who can bring positive difference to the world around them. With over 7,000 alumni placed at the top management positions of leading Government, Non-Government, Commercial Organizations and Multi National Organizations, Bahrians are making their mark in every field/sector of Pakistan. Annually the university

Organize a special reunion (Gala Dinner). This year BU-Alumni Home Coming 2015 (Alumni Reunion) was organized on a much bigger scale providing an



excellent networking and entertainment opportunity to the cream of Bahria. Over 2000 alumni, university management and faculty members gathered at the most entertaining event held in Bahria's history at BU



Islamabad Campus on 2nd May 2015.

Rector Bahria University Vice Admiral Tanveer Faiz HI(M) (Retired) was the honorable chief guest of the event. The event was organized by Office of Student Affairs. Mr Umair who is also a Proud Bahrian and renowned Pakistani Singer performed after the Dinner. Exciting gifts were also distributed with courtesy of Pak Associates and VIP Builders.



### **BU Celebrates World Environment Day**

Bahria University Islamabad Campus celebrated World Environment Day with the collaboration of Shehersaaz organization at Bahria University. The main objective of this event was to create awareness among the students about the importance of environment and our role in maintaining and supporting it.

Pro-Rector of Bahria University, Rear Admiral Saleem Akhtar highlighted and appreciated the student's efforts for making this event successful. Honorable



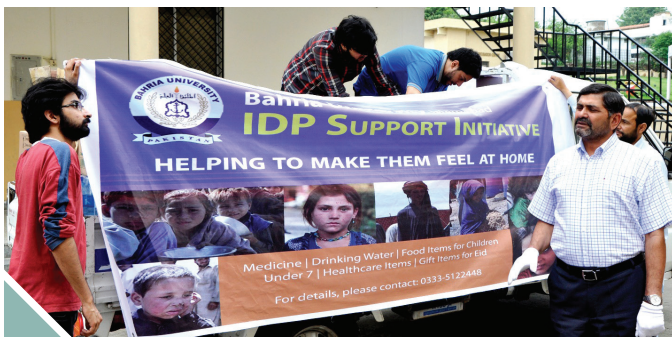


Chief Guest from the Climate Change Division, Government of Pakistan was also present on the occasion. Muhammad Rafiq Taheri, Joint Education Advisor, MoCAD also talked about 'School Safety Program'.

Students from different schools and colleges participated in this event including GSIS, ROOTS International, Beacon House, Frobels and Bahria University hosted this event. On this event students displayed their 3D models, posters, and photographs related to environmental themes such as wild life. Students also showed documentaries related to different environmental problems and their solutions. In the end students were also awarded with certificates and prizes.

### **IDPs Support Initiative by Bahria University Islamabad**

Bahria University under its Community Support Program is taking initiative to help the underprivileged in our society. Bahria University knows that the IDPs need basic services – food, shelter, health services and clean water. They need support to find safety in order to protect their families. Education, income-generating activities, documentation which allows them to claim



their rights are all crucial factors in helping IDPs to regain their dignity. The longer people are displaced, the longer it takes them to rebuild their lives in peace and safety and more vulnerable their life will be. For this purpose Bahria University has set up a support system to help the IDPs of Karak and Swabi.

The university will help the unfortunate in terms of medicine, drinking water, food items for children under the age of seven, healthcare items and gift items. We believe that doing this will not let them feel left alone and depressed but as human being it is our social responsibility to help needy and poor. The students of Bahria University will be equally sharing their role in helping them to make the life of the IDPs better.

### **Community Service Program**

Towards the end of spring semester 2015, LLB-5 was invited to join the APGA by the Community Service organizers Bahria University. The aim of this event is to lend a helping hand to the members of our society and prepare the student body about the social issues. The students participated with full enthusiasm and dedication.

### **Pink Ribbon Campaign starting in Bahria University Islamabad**

The month of October is Celebrated all over the world as National Breast Cancer Awareness Month and for almost a decade BUIC is known for conducting awareness campaigns every year. The awareness campaign held on 22th September 2014 in collaboration with the Islamabad Medical and Dental College started with a friendly women's basketball match in Bahria University gymnasium building. During the event,



the interactive sessions were conducted by the doctors followed by an unplugged musical performance by the female students of Bahria University. Overall, the entire event was aimed at raising awareness about breast cancer which would target not only our students and faculty but also their respective family members. The other awareness methodologies like informative posters, distributing brochures were utilized and everyone wore a pink ribbon for the entire month to show support for the cause.

### Open Day Session

An Open day session was held in Bahria University Lahore Campus on 7th June 2015. The session was attended by 80 participants interested in seeking admission in BBA, MBA, BS(CS), BS(IT) and MS project management programs of Lahore Campus. Participants were initially shown an introductory documentary on Bahria University which was followed by brief on admission process and scholarship policy of Bahria University. A mock admissions test was also conducted, which was aimed at orienting the participants with Bahria University admission test.



At this occasion, Ahmed Saeed Sheikh, Operations Director of Huawei Technologies addressed the participants on the success stories of Bahria University graduates and shared his experience of working with them. Representatives from Netsol also attended the session and counseled the participants on future career prospects. Director Lahore Campus in his address emphasized on making the right choices in life regarding education and career. All the participants appreciated Bahria University Lahore Campus efforts in counseling the students and holding such an information-enriched Open Day.

### Participation of BULC in the country's largest expo, Jang/The News Education Expo

BULC participated in the country's largest, Jang/The News Education Expo held at Pearl Continental Hotel on 30 and 31 May 2015. The stall of Bahria University Lahore Campus received an overwhelming response. Parents/students from different locations at Lahore visited the stall, where the Bahria University Faculty/students of Management Sciences, Computer Sciences and Law briefed the visitors about academics and co-curricular activities at Bahria University Lahore Campus. On the occasion, the Director and Deputy Director of the Lahore Campus welcomed the various public and private sector delegates/media representatives who visited the stall.







## CHAPTER - TEN Sports

BU Annual Report 2014-15



## 10 – Sports

Games and Sports are integral part of education. The core objective of education also includes physical, mental and moral development of students. A sound body contains a sound mind. It is, therefore, top priority of the management to promote sports culture in Bahria University. Bahria University sports achievements during the period from 1st July 2014 to 30th June 2015 are as follow:

### **Bahria Won HEC Inter University Volleyball Championship (Zone C)**

Bahria University won the HEC Inter University Volleyball Championship (Zone C) 2015, which was held at Arid Agriculture University Rawalpindi on 26th Feb 2015. Fourteen teams from Islamabad,



Gilgit Baltistan, AJK, Taxila, Wah and Rawalpindi participated in the tournament. Throughout the event teams showed tremendous sportsman spirit and professionalism.

The final match played at Bahria University Gymnasium was a close contest where Bahria University recovered the initial lead gained by Quaid e Azam University. It is consecutive second time that Bahria University has emerged as the champion in HEC Inter University Championship of Zone C.

### **HEC Inter University Table Tennis Zone 'C' Championships 2014-15**

Bahria University table tennis team won HEC Inter University Zone 'C' Table Tennis Championship 2014-15 held at International Islamic University on 7 and 9 Feb 2015. Thirteen universities participated in the said event. Bahria University remained undefeated during the championship.

### **HEC Inter-University Zone 'C' Basketball Championship 2015**

Bahria University basketball team has won HEC Inter University Zone 'C' Basketball Championship held at Bahria University Islamabad from 6 to 9 March 2015. Eleven Universities from Rawalpindi and Islamabad region participated in the said event. Final match of the championship was played between Bahria University and NUST University at Bahria Gymnasium Islamabad on 9 March 2015. Bahria University basketball team won the match by 68-43.

### **All Pakistan HEC Interuniversity Table Tennis Championship (Male / Female) 2014-15**

Bahria University leaves no grounds untouched to fuel the passion of sportsmanship in the students and igniting competitive enthusiasm. Bahria University hosted all Pakistan HEC Table Tennis Championship 2014-15. The talented male and female players from 26 universities came to BU for matches scheduled from 13th to 18th April 2015. The universities included Institute of Management Sciences Karachi, University of Engineering and Technology Lahore, Bahauddin Zakariya University Multan, University of Azad Jammu and Kashmir Muzaffarabad, Iqra University Karachi, Baluchistan University of Information Technology, Engineering and Management Sciences Quetta and other notable universities across the country.

The closing ceremony of all Pakistan HEC table Tennis Championship 2014-15 was conducted at Bahria University Islamabad on 17th April 2015. Ms Shaheen Khan, Advisor (Sports & LI Division) HEC, was the Chief Guest of the ceremony.

Pro-Rector of Bahria University Rear Admiral (Retd)





Saleem Akhtar HI (M) during the closing ceremony said that BU will continue to organize healthy activities for the students which will help in building a mutual coordination and harmony amongst the students of universities.

Ms Shaheen Khan, Advisor (Sports & Learning and Innovation Division) appreciated the efforts of BU in organizing the mega sports event.

Results of Championships played on 16 April 2015 are appended below:

- a. All Pakistan HEC Interuniversity Table Tennis (Women) Championship 2014-15.
  - (1) Winner - Kinnaird College for Women University  
Lahore
  - (2) Runner up - University of Punjab Lahore
  - (3) 3rd Position - University of Lahore
- b. All Pakistan HEC Interuniversity Table Tennis (Men) Championship 2014-15.
  - (1) Winner - University of Punjab
  - (2) Runner-up - University of Central Punjab Lahore
  - (3) 3rd Position - IQRA University

## Bahria University Constituent and Affiliated Medical Colleges Sports Gala 2015

Bahria University Constituent and Affiliated Medical Colleges Sports Gala 2015 was held from 27th to 28th April 2015 at Bahria University Gymnasium Islamabad. Opening ceremony of the event was held on 27 April 2015 at BUIC Gymnasium. Honorable Rector BU graced the occasion as Chief Guest. All Directors, HOD's from BUHQ and Chairman / Principals along with faculty members and students from affiliated medical colleges attended the ceremony.

Following Medical Colleges participated in the subject event:

- a. BU Medical and Dental College  
Karachi (BUMDC)
- b. Frontier Medical College  
Abbottabad (FMC)
- c. Islamabad Medical and Dental College  
(IMDC)
- d. Yusra Medical and Dental College  
Islamabad (YMDC)
- e. Rawal Institute of Health Sciences  
Islamabad (RIHS)







2. The medical colleges competed in the following indoor events:

- |                 |               |
|-----------------|---------------|
| a. Basketball   | Male / Female |
| b. Badminton    | Male / Female |
| c. Table Tennis | Male / Female |
| d. Volley ball  | Male / Female |

- Best Female Player of the Tournament prize was awarded to Ms.Tooba Javaid from Bahria University Medical and Dental College
- Best Male Player of the Tournament prize was awarded to Mr.Fazal Karim Niazi from Islamabad Medical and Dental College
- Overall Winner Trophy was won by Islamabad Medical and Dental College





S.No	Event	Male / Female	Winner	Runner UP
1.	Basketball	Male	FMC	RIHS
2.	Basketball	Female	BUMDC	IMDC
3.	Badminton	Male	IMDC	BUMDC
4.	Badminton	Female	IMDC	RIHS
5.	Table Tennis	Male	RIHS	IMDC
6.	Table Tennis	Female	BUMDC	IMDC
7.	Volley ball	Male	FMC	YMDC
8.	Volley ball	Female	IMDC	YMDC

S.#	College	Points	Remarks
1.	Islamabad Medical and Dental College	9	1 <sup>st</sup>
2.	Bahria University Medical & Dental College Karachi	5	2nd
3.	Frontier Medical College Abbottabad	4	3rd
4.	Rawal Institute of Health Sciences Islamabad	4	3rd
5.	Yusra Medical and Dental College Islamabad	2	4th

*Colleges position on point table*





## 18th National Women Basketball Championship 2015



Bahria University organized 18th National Women Basketball Championship 2015 on behalf of HEC from 29th May to 1st June 2015 at Bahria University Gymnasium. Following teams participating in the event:

- a. Army
- b. Higher Education Commission
- c. Islamabad
- d. Khyber Pakhtunkhwa
- e. Punjab
- f. Sindh
- g. WAPDA

Championship opening ceremony was held on the morning of 29th May 2015 at Bahria University Gymnasium. Honorable Rector Bahria University Vice Admiral (Retd) Tanveer Faiz HI(M) graced the occasion as chief guest. He declared the championship open in presence of large number of players and officials from Higher Education Commission, Pakistan Basketball Federation and Bahria University.



Results of the event are:

- a) Winner - WAPDA
- b) Runner up - Pakistan Army
- c) 3rd Position Commission - Higher Education

3. Ms Kainat Zafar from Bahria University was selected as a captain of HEC team and declared as best player of the tournament.

4. Mr. Asif Bajwa, Chairman Pakistan Bureau of Statistics (President Pakistan Basketball Federation) and Pro-Rector Bahria University graced the occasion and gave away the prizes.



## Extravaganza 2014:

The Student Resource Center Bahria University Lahore Campus planned “EXTRAVAGANZA 2014” at the campus, the event was aimed at promoting extracurricular activities in the campus. The extravaganza not only contributed in boosting campus life but also positively added in lifting the student’s spirit. It was attended by members of administration, faculty members and almost all of the students who





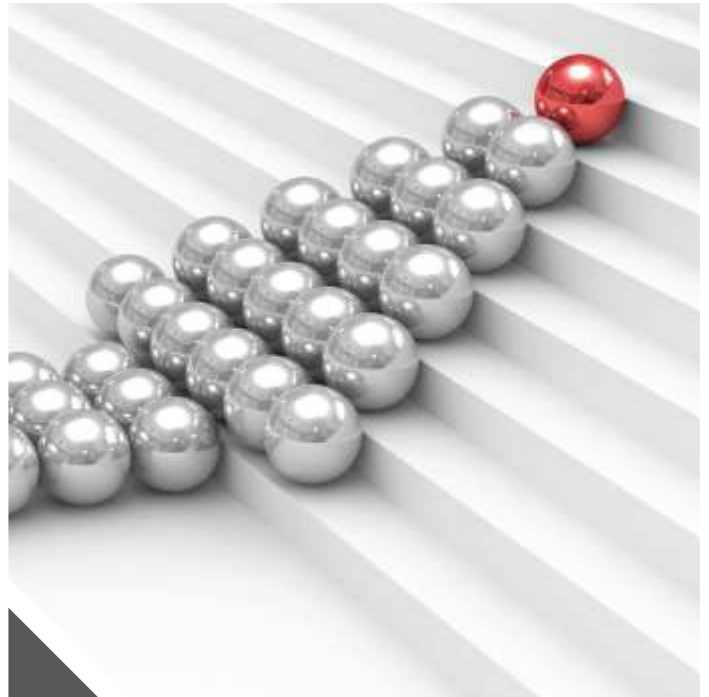
were looking for fun. The event comprised various categories of games including table tennis and badminton along with performances like drama, solo singing etc. The day ended with the screening of a Hollywood movie “Olympus has fallen”.

### First Sports Gala Organized at BULC

Bahria University Lahore Campus organized its first 03 days Sports Gala from 6-8 May 2015. Both male and female students participated in the event. The

competition featured a total of 4 games including Cricket, Badminton, Table Tennis, and Chess. Exciting competitions were witnessed in a congenial yet thrilling environment. The students showed great enthusiasm in all sports events. Female students also actively participated in Badminton and Table Tennis and proved that females are at parity with the males in every walk of life. Closing ceremony was held on 8th May 2015. Director Lahore Campus distributed Shields and medals along with certificates to the winners and runners up for their excellent performance.





## CHAPTER - ELEVEN

### University Building Leadership

BU Annual Report 2014-15





## 11 – University Building Leadership

In the increasingly competitive – and financially constrained – higher education sector, universities and colleges are placing a growing emphasis on nurturing future leaders. Companies face an urgent need to develop leaders at all levels—from bringing younger leaders online faster to developing leaders globally to keeping senior leaders relevant and engaged longer. Leadership remains the number one talent issue facing organizations around the world. 21st-century leadership is different. Companies face new leadership challenges, including developing Millennials and multiple generations of leaders, meeting the demand for leaders with global fluency and flexibility, building the ability to innovate and inspire others to perform, and acquiring new levels of understanding of rapidly changing technologies and new disciplines and fields. Bahria University is well aware of the leadership roles our students will adopt and to meet this challenge we have approached education from the perspective of skill building and leadership development.

### All Pakistan Bilingual Declamation 2015

All Pakistan Bilingual Declamation 2015 took place in Punjab University's Faisal Auditorium on 26-27 May 2015. Vice Chancellor of Punjab University was the Chief Guest of the inauguration ceremony. 45 teams from different universities all over Pakistan participated in the mega event. Students of BULC declamation Society also made their maiden participation through their articulated speeches in English and Urdu language events. The performance of BULC students was highly applauded by the audience. Besides greater exposure and motivation of BULC participants, it was highly valuable to advertise presence of Bahria University at Lahore amongst the academic milieu.

### BU Awareness Session on Protection against Harassment of Women at Workplace

An Awareness Session on “Protection against Harassment of Women at the Work Place” was organized by Bahria University Islamabad with the collaboration of Leadership for Environment and Development (LEAD) Pakistan from USAID at Bahria University. The main objective of the seminar was to create awareness among female faculty members, officers and students about the harassment laws and its implementation in our country.

While addressing the audience, the Guest Speaker of the ceremony, Mr. Tahir Rasheed, General Manager Lead, shed light on the harassment act and its implementation in Pakistan. He said that recently, matters of workplace harassment have gained seriousness among practitioners and researchers as it is becoming one of the most sensitive areas of effective workplace management. In oriental countries, it attracted lot of attention from researchers and governments since the 1980s, because a significant source of work stress is associated with aggressive behaviors at workplace.

Mr. Mohammad Sharukh Abbasesy, Director (Communications) of Federal Ombudsman Secretariat for Protection against Harassment of Women at Workplace, was also present at the ceremony as a guest speaker and shared policies and laws against harassment. In the end, Deputy Director (FCP) of BU presented souvenirs to the guest speakers.

### Fana Fi Allah Qawali Performance at Bahria University Islamabad Campus Auditorium

An American Qawali Group “Fana Fi Allah gave a live Qawali performance at Bahria University Islamabad Campus Auditorium on 15th Dec 2014. The an American Band converted to Islam after listening to the Qawalis of Nusrat Fateh Ali Khan. Honorable Rector Bahria University along with other Higher Officials attended the performance in a packed auditorium. Mr. Haroon Shah one of the student of Bahria University also gave a live performance. The mixed culture themed performance was an immense success.

### SRC Club Registrations

The SRC Clubs registrations started for the fall 2014 semester on the 22nd of September and continued till 24th September. Registrations were administered professionally and added glitz to the atmosphere. Each club had a unique outlook and hence attracted a number of students as potential members for the club. The registrations were a great success and helped achieve the motive of attracting potential talent for the future.

### Career Guidance Session In Haq's Academy

In an ever changing world, it becomes more essential than ever that young people think clearly and carefully



about their career and educational choices they make and what it may lead to in the future. Career guidance helps people to reflect on their ambitions, interests, qualifications and abilities. Comprehensive career guidance tries to teach people to plan and make decisions about work and learning.



Dr. Nida Siddique (Department of Oral Biology) from Bahria University Medical and Dental College was invited to carry out a career guidance session with the students of Haq's Academy in October. It was an interactive session in which she shared with them her experiences, knowledge, and expertise required to excel in the field of dentistry. The focus was to help students with the decisions that they may face immediately upon leaving school. The aim of Bahria University is to make career guidance accessible to students on all levels.

### **Bentham Society**

Academics are an important part of each student's educational years, especially University grades play an integral role in career acceptance. Parents spend a lot of time encouraging their children to study more -- and play less -- in the pursuit of this goal. They believe that

devoting a more time to studies guarantees success in future.

However, there is another more playful component of a well-rounded education -- outside the regular academic program -- that may positively impact students' success. Extracurricular activities, such as basketball, baseball, tennis, debating, chess clubs, student government, yearbook, drama, choir and computer clubs can round out students' academic careers to great effect.

Besides being fun and a great way to socialize with peers, extracurricular activities can enhance students' time management and stress management skills, improving overall productivity.

Faye Arco is the counselor who started the SKATERS program. She says, "Participation in extracurricular and school club activities increases resilience in youth by promoting protective factors and reducing risk factors.

Bahria University not only aims in creating a milieu where intellects breed, but recognizes that students who participate in extracurricular activities will see improvement in their academics and life skills. The all-round grooming includes; discipline, goal-setting, teamwork, accountability and responsibility. They will also find themselves better prepared for higher education. Ultimately, students may even discover that the lessons they learned outside the classroom, in basketball or chess club, help them cope with future challenges in the workplace.

Bentham Society was established in the year of 2011, a proposal initiated by one of the foremost law student Fakhar Abbass, under the resilient leadership of Prof. Ahmed Ali; a forum where student can socialize with peers, enhance time management and stress management skills, improving overall productivity was created.



## Faculty & Students Leadership details including Students Accomplishment

### Faculty Leadership Development Programmes

1. On 22 April 2015, an in house faculty development and informative session on “Turnitin” was held. A large number of faculty members attended the session.
2. Mr Naveed Muhammad Khan Associate Professor of MS department BUKC conducted a workshop on “Case Study Based Teaching” at Lahore Campus from 28- 30 April 2015.
3. On 8 May 2015, a session of a case study was held on through video link on “Leveraging Commercialization of University Research through Partnership with Business Programs”. Dr M. Nauman Farooqi was the guest speaker of the session. A large number of faculty members attended session via video link at BUKC video conference room.
4. Dr. Mubarik Ali HoD E&ES and a student Mr Shayan Khorami BS-VI attended a workshop on Seismic arranged by Islamabad Campus w.e.f 28 – 30 May 2015.
5. On 29 May 2015, an in house session on “Writing Winning Research Proposal” was arranged at Bahria University Karachi Campus. Prof. Dr. Muhammad Iqbal Choudhary (HI, SI, TI) from International Center for Chemical and Biological Sciences, H. E. J. Research Institute of Chemistry, Dr. Panjwani Centre for Molecular Medicine and Drug Research, University of Karachi was the guest speaker of the session. DG NCMPR, DG BUKC, Director BUKC, HoDs, a large number of faculty members of BUKC, IPP, NCMPR, BUM&DC and PN School of Logistic attended the session.
6. On 22 June 2015, an in house session on “Anti-Plagiarism & Utilization of Turnitin” was arranged at Bahria University Karachi Campus. Dr. Najam ul Islam Head of the Department of Electrical Engineering, Bahria University, Islamabad was the guest speaker of the session. DG NCMPR, DG BUKC, HoDs and a large number of faculty members of BUKC, IPP, NCMPR and BUM&DC attended the session.

## Students Leadership/ Development Programmes/ Measures

### Details of Extra Curricular Activities Events

A three day event; Ideapreneurship was organized by BEST “Bahria Entrepreneurship Society” under supervision of Mr. Essa Khan (Assistant Professor MS Department) in collaboration with “Business Incubation Center” Karachi and supported by Mr. Saleem Ahmed Siddique Deputy Secretary of Youth & Sports Ministry Govt of Sindh at Bahria University Karachi Campus from 8 – 9 May and 20 May 2015. The event was a platform for participants to come up with original ideas and exhibit them to an esteemed team of evaluators. On 1st day, participants were educated with the basics of “How exactly to create and nurture your venture”. These sessions were given by Mr. Subhan Sharif & Mr. Saifullah malik of Shell Tameer. On 2nd day different activities for participants, including elevator pitches were conducted. 3rd day was the exhibition day, which was inaugurated by the Honorable Rector Vice Admiral (R) Tanveer Faiz HI(M).

### Conferences

1. A two days Bahria University National Conference (BUNC-2015) was held on “Role of Private Sector in Socio Economic Development of Pakistan” under Management Science Department of Bahria University Karachi Campus from 16 to 17 April 2015. The aim of the conference was to highlight and acknowledge the role of private sector in the economic wellbeing of the people and country, exploring new roles of private sector and developing meaningful relationship between private sector and academia. Mr. Tashfeen K Niaz, Chairman Sindh Revenue Board was the Chief Guest on the opening ceremony. He emphasized on educational institutions to embark upon the platform of research, academician and innovation in order to meet future challenges. He expressed that private sector can play a pivotal role in the socio economic development of Pakistan. During the conference, quality research papers were presented. Various industrialist & academician/businessman spoke during plenary sessions including renowned speaker, Mr. Muhammad Hanif Jakhura, Dr. Mirza Ishtiaq Baig, Mr. Ateeq ur Reman, Mr. Mehtab Chawla, Mr Munir Kamal Juddon and Mr. Zahid Saeed. A large

number of academicians, researchers and students also attended. The conference culminated on

17 April 2015. President Karachi Chamber of Commerce & Industry graced the conference closing session as “Chief Guest”.

2. On 25 May 2015, a conference on “Prevention of Cyber Crime Act 2015” was organized under the aegis of Media Studies department. Ms Fareiha (Director Bolo Bhi), Ms Erum Sheikh (Head Blogs Express Tribune), Mr Farooq Baloch ((Reporter Tribune) and Barrister Zahid Jamil were the guest speakers of the session. A large number of faculty and students attended the session.

### Guest Speakers

Various guest speaker sessions were conducted during period under review. Salient of these are as under:

1. On 3 April 2015, a guest speaker session was held on “The growth of corporate in Pakistan’s Economy”.
2. On 23 April 2015, a guest speaker session was held on “Power of Networking and Entrepreneur Ecosystem.
3. On 25 April 2015, a guest speaker session was held on “Employee Motivation”.
4. On 30 April 2015, a guest speaker session was held on “Why Islamic Banking in more feasible that continental banking”.
5. On 30 April 2015, a guest speaker session was held on “Production & Supply Planning”.
6. On 3 May 2015, a guest speaker session was held on “Capacity Planning Operations & Management of Sea Port”.
7. On 7 May 2015, a guest speaker session was held on “Pakistan China Economic Corridor”.
8. On 14 May 2015, a guest speaker session was held on “Importance of Interpersonal Communication Skills”.
9. On 17 May 2015, a guest speaker session was held on “Applications of Information Technology in Supply Chain Management”.
10. On 21 May 2015, a guest speaker session was held on “Compliance and AML in Islamic Banks”.
11. On 22 May 2015, a guest speaker session was held on “Field of Certification”.
12. On 30 May 2015, a guest speaker session was held on “Compliance and AML in Islamic Banks”.
13. On 30 May 2015, a guest speaker session was held

on “Market Fundamentals”.

14. On 31 March 2015, a guest speaker session was held on “Statutory Audits & its Impact”.

15. On 04 May 2015, a guest speaker session was held on “The Roadmap toward 5 G”.

16. On 06 May 2015, a guest speaker session was held on “Microsoft Visual Studio 2015 Window 10-Hololens”.

17. On 22 May 2015, aGuest Speaker session was organized on “ Job Oriented Talk on TEMs Investigation Tool “.

18. On 1 June 2015, a guest speaker session was held on “Training & Development can turn mules into race horses”.

19. On 6 June 2015, a guest speaker session was held on “Significant Drug Court Cases and Application of Regulation in Healthcare”.

### Seminars

Various seminars were conducted during period under review. Salient of these are as under:

1. On 14 April 2015, a Seminar titled “Change Management” was held.
2. On 30 April 2015, a seminar on “High Resolution Seismic in offshore studies” was organized.
3. On 5 May 2015, a seminar on “Exploration Cycle” was held.
4. On 19 May 2015, a seminar titled “Human Resource Management – Employee Engagement” was held.
5. On 28 May 2015, a seminar on “Creating and delivering Customer Value” was organized

### Workshops

Various workshops were conducted during the period under review. Salient of these as under:

1. On 11 May 2015, a workshop on “Printed Circuit Board (PCB) Designing” was held.
2. On 19 May 2015, a workshop on “Android Operating System” was organized.

## Students Leadership/ Development Programmes

### Details Development Events Organized by Campus /Outside Organization and participation in different society events, exhibition and competition etc

1. On 29 April 2015, Bahria Society of Human Resource (BSHR) Marathon (Quiz Competition) was organized. A large number of faculty and students attended the session.
2. On 7 May 2015, as a part of Community Support Program (CSP), students of BS(CS) visited Special Children School, Karsaz.
3. On 7 May 2015, 3 faculty/official and 16 Students of Geophysics department of Bahria University (Karachi Campus) proceeded on one day sea trip onboard SV Behr Paima. Students were briefed on working of Hydrography Survey Labs, particularly how the navigation and various single and multibeam echo sounding data are acquired and displayed. Some of the already processed data examples were also shown along with the working bathymetry sheet & chart produced, equipment being used for these observations, such as side scan sonar, CTD in the oceanographic lab.
4. On 9 May 2015, a field trip visit was conducted for students of BS-II Geophysics at Cape Monze.
5. On 12 May 2015, Department of Computer & Software Engineering department arranged a Poster Competition for Final Year students. It was an opportunity for students showcasing their Final Year Projects. Experts from Software Industry participated and evaluated the entrepreneurial potential of the projects.
6. An Industrial visit was arranged to Matyari Sugar Millson 13 May 2015 for the students of 8th Semester of Electrical Engineering Department. Assistant Professor Shah Najam-us-Saqib accompanied students to the site and students were briefed about the working environment and working operations of organization.
7. On 20 May 2015, Students of BS CS 5A & 5B visited Systems Ltd. A (Renowned Software House) alongwith faculty members.
8. On 23 May 2015, a field trip visit was conducted for students of BS-I Geophysics at Cape Monze.
9. On 26 May 2015, as a part academic and research activity, students of MSTN-3 semester visited

SUPARCO HQ, Karachi.

10. The Student Resource Centre organized Career Fair on 26 May 2015. The fair was attended by 15 companies. Around 400 students visited the fair. The companies were related to different disciplines. Many of the well known Banks, Multi National companies, Telecommunication companies and other companies were the part of the fair. Representative from different companies conducted the written test / interviews.

11. On 18 May 2015, Bahria Got Talent-3 event was organized at Campus by Students Resource Centre BUKC. The event was attended by a large number of students, staff and faculty members. Numerous students participated in different performances like theatre performance, music, and mimicry. In closing session, prizes were distributed amongst the winners.

12. On 29 May 2015, a study tour of MS (Project Management) class was arranged at Karachi Shipyard & Engineering Works, Karachi.

13. Bahria University Karachi Campus participated in SZABIST Olympic 2015 w.e.f 13 – 14 June 2015.







## CHAPTER - TWELVE

### University Governance

BU Annual Report 2014-15





## 12 - University Governance

Bahria University is a Federally Chartered Public Sector University which was established on 7th February 2000 through a Presidential Ordinance. It is a multi-campus institution of higher education, which is committed to attain the highest standards in teaching, learning and research, compatible with global requirements of practicing different professions. The University is widely recognized for preparing professionals, some to assume roles of future leaders and some to become good executives/managers through development of their physical, mental, moral and professional competence. The enrollment of students has crossed 13,000 in the three campuses located in Islamabad, Karachi and Lahore.

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

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

### Authorities

The following are authorities of the University:

- a. The Board of Governors;
- b. The Executive Committee;
- c. The Academic Council
- d. The Higher Education & Research Committee (HERC)
- e. The Faculty Board of Studies (FBOS)
- f. The Departmental Board of Studies (DBOS)
- g. The Finance & Planning Committee.

### New Pro Chancellor of Bahria University

Admiral Muhammad Zakaullah NI(M), the Chief of Naval Staff (CNS) of Pakistan Navy has taken the charge of Pro-Chancellor and Chairman Board of Governors of Bahria University on 7 October 2014.

Admiral Zakaullah is a graduate of Cadet College, Hasanabdal, Royal Naval Staff College, UK and National Defense University, Islamabad. He holds a Master's degree in Defense Studies from London University and an MSc (in War Studies) degree from the Quaid-e-Azam University. He has represented Pakistan at numerous international events including 1984 Olympics (USA), 1986 Asian Games (South Korea) and 1990 Asian Games (China). He won a gold medal at the Asian Games twice and various other awards at International Sailing Championships. The Pro-Chancellor also holds awards of Nishan-e-Imtiaz (M), Hilal-i-Imtiaz (M), Sitara-i-Imtiaz (M), Tamgha-i-Imtiaz (M), President's Medal and President's Award for Pride of Performance. We extend our best wishes to Admiral Muhammad Zakaullah for his continuous commitment towards excellence in higher education.



## Board of Governors

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

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

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

## BOG Meetings at BUHQ

Bahria University Headquarters hold Board of Governors meeting twice a year. During the reporting period 2014-15, four BOG meetings held at the Bahria University Headquarter Islamabad. The meetings were chaired by Admiral Muhammad Zakaullah NI (M), Chief of Naval Staff/ Pro-Chancellor and Chairman Board of Governors Bahria University and attended by the Board members. The Board was apprised about the progress made during the last year and ongoing academic and research activities. The financial aspects of the university were also deliberated during the meeting.



*BOG Meeting at BUHQ*





*BOG Meeting at BUHQ*

## Committees & Boards

### Meeting of Higher Education & Research Committee (HERC)

The main function of Higher Education and Research Committee (HERC) at BU is to promote, monitor and regulate the research at the university. The HERC met twice during the year under report.

## Resources and Offices

### Registrar Secretariat

Registrar Secretariat is hub of the University and mainly looks after matters of degrees and record of the university. The Registrar is also entrusted with responsibilities by the Board of Governors and Executive Committee.



*15th & 16th HERC Meetings*



The major responsibilities of the Registrar as provided in the University Ordinance are as under:

- Approval of migration and credit transfers.
- To deal matters pertaining to students' affairs, academics, disciplines and convocations for the University, Constituent and Affiliated Units.
- To act as Employment Contract Authority, for Bahria University Officers and Faculty Members.
- Custodian of all Statutory Documents.
- To oversee the team coordinating visits of Regulatory Bodies and get accreditation of new programmes.
- To handle legal matters of employees and students.
- To monitor University's Libraries.

### **Directorate of Academic Affairs**

Academic Affairs Directorate acts as a focal point for academic matters, related to the students, faculty and administration. The directorate ensures that the academic decision making at the university follows a process of due diligence at every level, through the Departmental Boards of Studies, the Faculty Boards of Studies and, culminating in, the Academic Council. The directorate schedules, plans and conducts meetings of the Academic Council and follows up on its decisions. The directorate also ensures that academic decisions are duly incorporated into the statutory documents of the university. The Directorate acts as the University link with the Higher Education Commission on all academic matters.

### **Directorate of Student Affairs**

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

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

### **Directorate of Human Resource Management**

The HR Directorate at Bahria University is responsible for maintaining and enhancing the organization's human resources by planning and implementing programs and practices pertaining to HR. This department is committed in maintaining management guidelines by preparing, updating, and recommending human resource policies and procedures and maintaining organization of Faculty, Officers and Staff by establishing, recruiting, selecting, testing, interviewing and orienting on candidate selection.

Striving to hire the best faculty, the directorate not only ensures planning, monitoring, and appraisal of employee work results through AER for periodic increments according to overall yearly performance; it also resolves employee grievances.

### **Directorate of Quality Assurance**

The Directorate of Quality Assurance at Bahria University was established in July, 2009. DQA works under the umbrella of Quality Assurance Agency (QAA) of Higher Education Commission (HEC), for the promotion of quality education in Bahria University.

In pursuance of 'Quality Enhancement' in Higher Education, Self-Assessment processes and procedures provided by QAA of HEC are fully implemented at Bahria University.

The Quality Assurance Directorate – QAD at Bahria University instills quality culture by implementing "Self-Assessment procedures and Quality Standards" as prescribed by The Higher Education Commission – HEC of Pakistan.

QA Directorate performs following specific functions:

- Implementation of HEC Quality Standards through Self-Assessment Procedures
- Development and implementation of Qualifications Framework by setting out the attributes and abilities that can be expected from the holder of a qualification.
- Conduct and coordinate Institutional Performance Evaluation Standards (IPES) with HEC
- Implementation of QA Processes and Methods of Evaluation/Assessment
- Preparation and Submission of Progress Reports to HEC including Business Plan and Annual Reports

- Scrutiny of Research Publications
- Implementation of Anti-Plagiarism Policy
- Recognition/Approval of BU Research Journals from HEC and their up gradation
- Collection/Compilation of data for HEC & QS Rankings
- Coordinate and Conduct Accreditation body's inspections.
- Liaison with QECs of BU partner International Universities to improve quality assurance practices and procedures being followed internationally to support academic functions of the University.
- Monitoring and assistance of academic activities being the member of BOG, Executive Committee, Academic Council and Higher Education Research Committee (HERC).

#### **Directorate of Research and Development / ORIC**

The development, protection, encouragement, and promotion of the spirit and habits of inquiry among faculty and students lie at the heart of Bahria University's Vision and Mission. Scholarly research work and other forms of creative endeavors are essential for the sustained intellectual growth of any higher education institution.

Keeping this in perspective, BU has devoted itself to the quest of knowledge, its preservation and propagation. This pursuit of knowledge creation or seeking shall ultimately lead to the educational and intellectual development of its faculty members and students to be better enlightened become productive and more auspicious members of the society. In line with the BU Vision and Mission, the Office of Research & Development (R&D) was established in February 2010. R&D Office was mandated to promote and enhance the research culture in BU by providing support services in all the prospects of research. R&D office at BU was later notified by HEC as Office of Research, Innovation & Commercialization (ORIC) on October, 2011. The Office of Research, Innovation and Commercialization (ORIC) at Bahria University came into existence to provide a medium of outreach to the corporate world/industry and academia.

#### **International Office**

In an unrelenting run for quality enhancement, escalating international linkages, perking up foreign connections & global image; Bahria University established its International Office for managing, guiding, coordinating and providing services to students, academic & administrative personals for any foreign related work within the University making the process centralized and consequently swift.

#### **Public Relations Office**

PR Office was established in November 2012 and located in the premises of Bahria University Headquarters, Islamabad. It is responsible for developing and maintaining social network with other organizations, especially with media to enhance the reputation of Bahria University.

It is responsible to promote brand image of BU with a view to improve its stature and to ensure quality intake of students. It is working as control room between the university and people which enable easy communication to meet the growing requirements of Bahria's academic and non-academic domain. It gives all the information related to the current happenings, changes and improvement made in university. It mainly uses the mode of media to achieve its objective. Publicity, advertisements and media coverage for important events at university are major responsibilities of PRO. The department protects, strengthen and elevate the university's reputation to build public understanding of its distinctive qualities and impact of its work.







## CHAPTER - THIRTEEN

### Healthcare / Medical Facilities

BU Annual Report 2014-15



## 13 - Health Centre / Medical Facilities

“Healthy nations produce healthy minds”

### Facilities at BU Campuses

Following medical services are provided by sickbay to students, faculty members & staff:

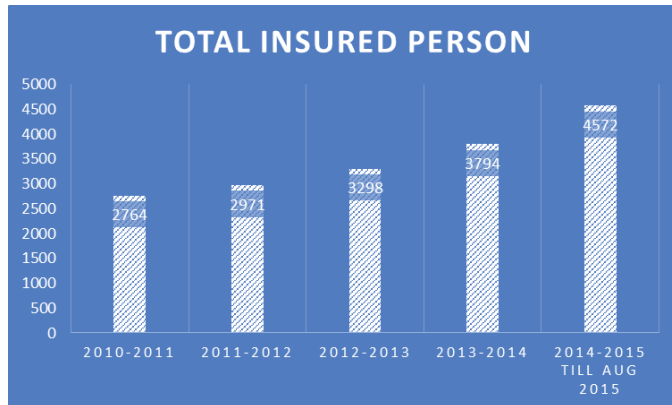
- Medical consultation and free medications to an average 60 patients daily.
- First aid services
- Initial emergency dealing by I/V drips, injection, nebulization, oxygen inhalation and shifting serious cases to PNS Hafeez hospital Islamabad.
- Routine medical checkup and blood grouping of all students at admission time.
- Monthly sanitary rounds and food inspection.
- Spraying insecticide in the whole premises.
- Blood camp arrangements.
- Provision of ambulance round the clock to shift serious cases to hospital.



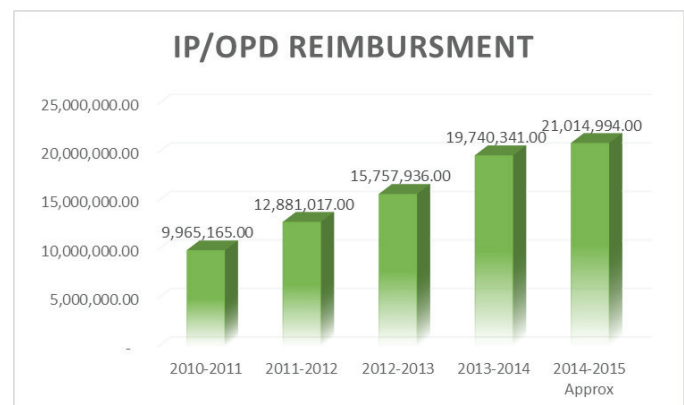
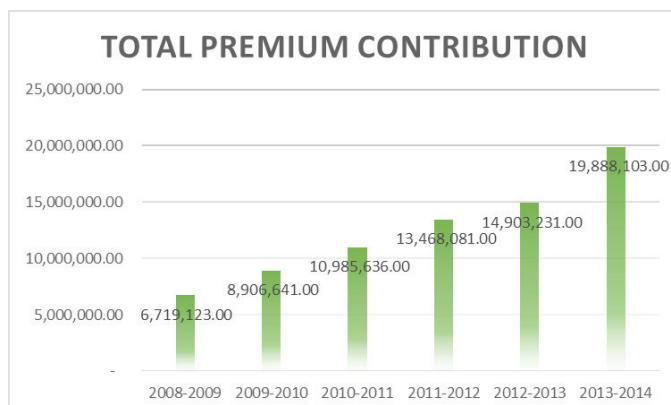
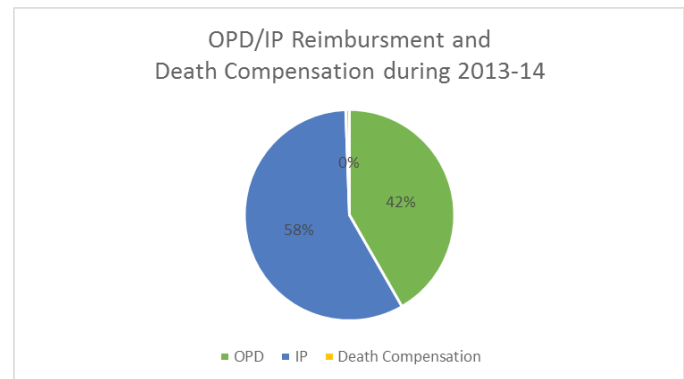
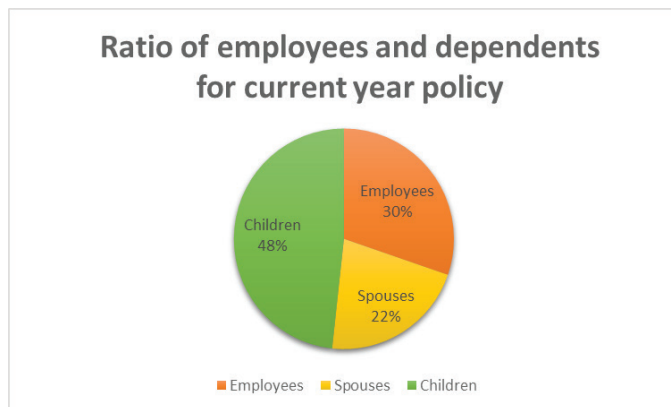
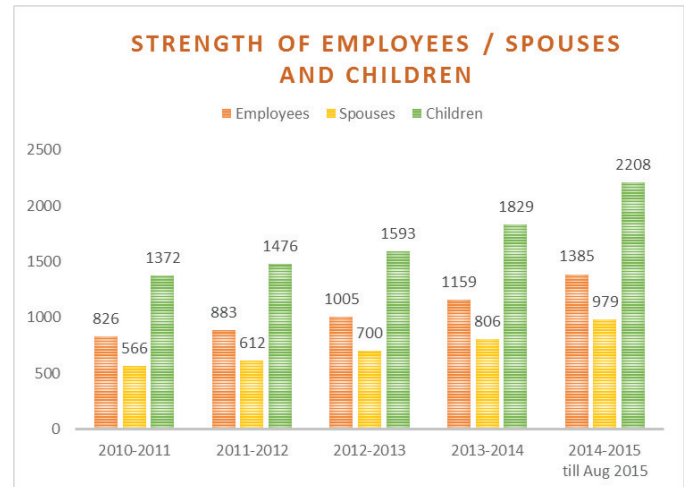


## Life Insurance

Bahria University Administration is fully conscious to facilitate its employees within its resources. Employees Health Insurance Scheme was launched on 01 December 2008 to provide best health care facilities



to the employees of Bahria University. The Policy has proved enormously beneficial for the university employees and their families. Health Insurance Coverage is mandatory for all faculty members, officers and administrative staff of Bahria University for cost effectiveness and timely medical facilitation.



## Benefits of Health Insurance

### Category of Persons Eligible For Benefits

Benefits	Persons Eligible		
• Hospital Expense Benefit	Employees	Spouses	Dependent Children
• Pre/ Post Hospitalization Expense Benefit.	Employees	Spouses	Dependent Children
• Maternity Expense Benefit	Married Female Employees	Female Spouses	-
• Comprehensive Dread Disease Expense Benefit.	Employees	Spouses	Dependent Children
• Out Patient Expense Benefit	Employees	Spouses	Dependent Children

### Additional Benefits of Health Insurance Covered From Current Policy Year

#### Congenital

Congenital diseases in respect of new born children are covered

#### Hepatitis

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

Benefits Description/Plan	Maximum Benefit
Daily room charges	Rs.10,000
Hospital expense benefits	Rs.150,000
Maternity expense benefit	Rs.70,000
Comprehensive dread disease expense benefit	Rs.400,000
Outpatient expense benefit	Rs.25,000
Death Compensation	Rs.150,000







## CHAPTER - FOURTEEN

### Budget & Finance

BU Annual Report 2014-15



## 14 - Budget & Finance

To develop new initiatives and sustain those initiatives financial resources and their management is of paramount importance. Bahria has allocated a lot of

resources for its market-based ,competitive initiatives that allows the university to develop new programmes, spend on development of new infrastructure to carry these programmes, and sustain these initiatives with continuous provision of resources.

<b>BAHRIA UNIVERSITY</b> <b>STATEMENT OF FINANCIAL POSITION</b> <b>AS AT JUNE 30, 2014</b>			
	NOTE	2014 RUPEES	2013 RUPEES
<b>ASSETS</b>			
<b>NON CURRENT ASSETS</b>			
Property and equipment	4	1,720,532,837	1,527,591,025
<b>CURRENT ASSETS</b>			
Short term investment	5	29,000,000	29,000,000
Advances	6	10,101,139	7,627,681
Short term deposits and prepayments	7	18,466,661	5,248,423
Other receivables	8	4,331,657	4,119,470
Cash and bank balances	9	237,368,758	284,528,073
		299,268,215	330,523,647
<b>TOTAL ASSETS</b>		<b>2,019,801,052</b>	<b>1,858,114,672</b>
<b>FUND AND LIABILITIES</b>			
<b>FUND</b>			
Accumulated surplus	10	1,814,511,425	1,660,014,432
<b>NON CURRENT LIABILITIES</b>			
Student security	11	113,938,887	101,330,941
<b>CURRENT LIABILITIES</b>			
Current portion of non-current liabilities	12	23,714,581	19,308,000
Other payables	13	67,636,159	77,461,299
		91,350,740	96,769,299
<b>CONTINGENCIES AND COMMITMENTS</b>	14	-	-
<b>TOTAL FUND AND LIABILITIES</b>		<b>2,019,801,052</b>	<b>1,858,114,672</b>



**BAHRIA UNIVERSITY**  
**STATEMENT OF CASH FLOWS**  
**FOR THE YEAR ENDED JUNE 30, 2014**

	<b>2014</b> <b><u>RUPEES</u></b>	<b>2013</b> <b><u>RUPEES</u></b>
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Surplus/(Deficit) for the year	154,357,595	236,002,983
<b>Adjustments for non-cash changes and other items:</b>		
Depreciation	161,171,650	100,352,736
Finance cost	1,964,320	288,776
Bank profit	(34,969,043)	(32,064,959)
Prior year adjustments	139,398	-
<b>Cash from operations before working capital changes:</b>	<b>282,663,920</b>	<b>304,579,536</b>
<b>Working capital changes</b>		
<b>(Increase) / decrease in current assets</b>		
Short term Investment	-	(29,000,000)
Advances	(2,473,457)	(3,484,743)
Short term deposits and prepayments	(13,218,238)	(1,919,239)
Other receivables	(212,187)	2,917,038
<b>Increase / (decrease) in current liabilities</b>		
Other payables	(9,825,140)	976,134
	<b>(25,729,022)</b>	<b>(30,510,811)</b>
<b>Cash generated from operations</b>	<b>256,934,898</b>	<b>274,068,725</b>
Finance cost paid	(1,964,320)	(288,776)
Students' security deposits	12,607,946	26,390,700
Current portion of security deposit	4,406,581	1,108,000
<b>Net cash generated from operating activities</b>	<b>271,985,105</b>	<b>301,278,649</b>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Capital expenditure on property and equipment	(354,233,082)	(366,074,670)
Proceeds from sale of property and equipment	119,620	23,596
Profit on bank deposits	34,969,043	31,882,043
<b>Net cash used in investing activities</b>	<b>(319,144,419)</b>	<b>(334,169,032)</b>
<b>CASH FLOWS FROM FINANCING ACTIVITIES</b>		
<b>Net cash generated from / (used in) financing activities</b>	<b>-</b>	<b>-</b>
<b>Net increase (decrease) in cash and cash equivalents</b>	<b>(47,159,314)</b>	<b>(32,890,383)</b>
<b>Cash and cash equivalents at the beginning of the year</b>	<b>284,528,073</b>	<b>317,418,456</b>
<b>Cash and cash equivalents at the end of the year</b>	<b>237,368,758</b>	<b>284,528,073</b>

**BAHRIA UNIVERSITY**  
**INCOME AND EXPENDITURE ACCOUNT**  
**FOR THE YEAR ENDED JUNE 30, 2014**

	NOTE	2014 <u>RUPEES</u>	2013 <u>RUPEES</u>
INCOME	15	1,625,606,795	1,366,282,825
EXPENDITURES	16	(1,469,284,880)	(1,129,991,067)
		<u>156,321,915</u>	<u>236,291,759</u>
FINANCE COSTS	18	(1,964,320)	(288,776)
<b>SURPLUS FOR THE YEAR</b>		<u><u>154,357,595</u></u>	<u><u>236,002,983</u></u>

**BAHRIA UNIVERSITY**  
**STATEMENT OF CHANGES IN GENERAL FUND**  
**FOR THE YEAR ENDED JUNE 30, 2014**

		2014 <u>RUPEES</u>	2013 <u>RUPEES</u>
Balance as at 01 July 2013		1,660,014,432	1,424,170,770
Surplus/ (Deficit) for the year		154,357,595	236,002,983
Prior Year Adjustment	17	139,398	(159,321)
Balance as at 30 June 2014		<u><u>1,814,511,425</u></u>	<u><u>1,660,014,432</u></u>







## CHAPTER - FIFTEEN

### Affiliated Institutions of BU

BU Annual Report 2014-15



## 15 - Affiliated Institutions of BU

### Yusra Medical & Dental College

#### Workshops & Seminars

##### Seminar on Middle East Respiratory Syndrome - MERS (Corona Virus)

A seminar on Middle East Respiratory Syndrome (MERS) was held at Zaraj campus on 4th July 2014. Representatives from WHO and NIH gave presentations to the students on MERS. HODs and other faculty members of the college also attended this workshop.

##### Strategic Vision Workshop

Strategic Vision Workshop was conducted from 21st to 23rd Oct 2014 by Dr Ambreen Asad, Assistant Professor Physiology Department. Maj Gen (R) Prof. Dr. Abdul Qadir Usmani, was the Chief Guest. Purpose of the workshop was to improve working



abilities by mission & vision of a person as a Doctor and a Muslim.

##### SOGP Pre Conference Workshop

Workshop on Emergency Obstetric Skills was held on 4th December 2014 under the supervision of Brig (R) Prof. Dr. Mamoona Mushtaq, Prof & HOD Gynae and Obs Department, YM&DC. The purpose of this workshop was to guide concerned persons to achieve the goal of reducing maternal mortality in Pakistan,



and the need to impart essential life support skills to the juniors. Fifty four trainees from different institutes of Rawalpindi and Islamabad got registered to this one day workshop held in YM&DC. They were given presentation on knowledge of obstetric skills in normal and abnormal labor by Brig Mamoona Mushtaq. Trainees were rotated to six work stations.

##### Workshop - Data Analysis Using SPSS

The department of Community Medicine Yusra Medical & Dental College conducted a two days workshop on Hands on skill attainment in SPSS on 3rd and 4th December 2014.

This two days workshop was specially designed for interested participants keen in research in health care sector by using SPSS and want to acquire the skills and knowledge on getting started with SPSS.

##### Visit to Mohra Fatima

On 23rd Dec 2014, 3rd, 4th and 5th year students were taken to visit to Mohra Fatima – a community based medical center. It was a unique exposure of YMDC students to a primary care setup and interaction with the community and the patients at the first level care facility. Students were provided with the opportunity to communicate, empathize and explore all the social, cultural and economic factors related to their disease.

##### Psychological Trauma Management

A workshop on Psychological Trauma Management



was conducted by Department of Medical Education YM&DC on 27th December 2014. Students and Doctors of Khyber Medical College visited Yusra Medical and Dental College to attend this workshop.

### Rawal Institute of Health Sciences

#### College Raising Day

The College Raising day was celebrated at RIHS on 30th October 2014. During the program Gold Medals, Certificates, Value prizes, Awards and Distinctions were distributed among position holders



of the professional examinations conducted by Bahria University and high achievers of the Sports Week.

### Orientation Ceremony

Orientation ceremony was organized by RIHS, for the 1st Year students of 4th Batch of MBBS / BDS along with their parents on 14th Nov 2014. Chairman, Co-Chairperson, Directors, Principal College of Medicine and Principal College of Dentistry addressed the audience and expressed their views.

### Continuing Medical Education (CME) Activities By Department Of Medical Education

1. Workshop sessions on “Lecturing at high Cognitive level” were facilitated by Prof. Rizwan Hashim and Dr. Shazia Nawabi on 24th Sep 2014. Faculty of RIHS participated in the workshop.
2. Four Workshop sessions on Curriculum Development and PBL were organized and facilitated by Prof. Zarmina Saga. Faculty of RIHS participated in the workshop.
3. Clinical Pathological Conference (CPC) is arranged on fortnightly basis, all departments participate in presentations as per schedule.
4. Video Conferencing APPNA merit lectures were arranged from USA through internet.

### Annual Visit Of Bahria University

Bahria University conducted the Annual inspection of Rawal Medical and Dental Colleges on 28th Oct and 6th Nov 2014 respectively. The team of Bahria University was headed by the Rector of Bahria University Vice-Admiral (R) Shahid Iqbal, HI (M). Principals of the medical and dental colleges of RIHS gave presentations in presence of Chairman, Co-

Chairperson and Directors regarding current status of the faculty, various departments and the hospital.

### 6th National Symposium On Depession 2014

Department of Psychiatry and Behavioral Sciences, Rawal Institute of Health Sciences, Islamabad, in collaboration with Pakistan Psychiatric Society (PPS) and Pakistan Medical Association, Rawalpindi-



Islamabad Branch organized the “6th National Symposium on Depression’ Saturday 20th September 2014 at Pearl Continental Rawalpindi, Pakistan. The theme of the symposium was ‘Integrated Approach for 21st Century’.

The organizing chairman was Dr. Mazhar Malik, Associate Professor & HOD of Psychiatry and Behavioral Sciences and President Pakistan Psychiatric Society (PPS). The Chief Guest of the occasion was Maj. Gen. Viqar Ahmed Khan, Commandant, Armed Forces Post Graduate Medical Institute, Rawalpindi. During the inaugural session the theme lecture was delivered by Prof. Mowadat Hussain Rana. During the scientific sessions more than 25 original research papers were presented highlighting different aspects of Depressive Disorders associated with co morbid psychiatric and physical illnesses & Bipolar Mood disorder.



## College of Teacher Education

Basali Complex – Rawalpindi

### Curricular And Extra Curricular Activities

#### Convocation CTE B.Ed. Batch-03-2014

Graduation Ceremony of B.Ed. Batch-03 was held in CTE on 20th December 2014. Gen. Rahim Khan, Chairman & CEO KEF attended the ceremony. Mrs. Farhana Azim was the chief guest of convocation. Out of 31 graduates 9 have been employed by KEF for its schools. The chairman appreciated confidence and enthusiasm of the graduates for effective and efficient learning/ teaching in 21th century.

#### English and Urdu Drama Competition (September 2014)

B.Ed. students performed the following plays in September 2014 at CTE.

- i) English drama Romeo and Juliet by Shakespeare
- ii) Urdu drama Chughal Khooor

#### Annual Inspection of CTE by Bahria University (5th Nov, 2014)

The Annual Inspection of College of Teacher



Education (CTE) was carried out by Pro-Rector Bahria University, Rear Admiral (R) Saleem Akhtar, HI(M) along with a team of officials. The visiting team was briefed by the CEO and Director CTE. The inspection team expressed satisfaction on overall performance of CTE staff/students and commended the efforts of KEF.

#### Professional Development Workshop at CTE

Mr. Akram Cheema conducted workshop for CTE students at Basali Complex on Professional Development.





## Second Semester Examination (17Sep-22Sep 2014)

Second Semester examination of B.Ed-03 was held during 3rd week of November at CTE.

## UN-Days Celebration

Following UN Days were observed at college of Teacher Education



- i) International day of Older Person
- ii) International day of Peace
- iii) International Youth Day
- iv) World Day of Population
- v) International Day for Natural Disaster Reduction
- vi) International day of Eradication of Poverty
- vii) International Day of Tolerance
- viii) International Food Day

All students actively participated and emphasized the need of imparting quality education to the underprivileged and commended the efforts of KEF in providing modern educational facilities under one roof.

## Sports Day

Sports days (Basket Ball & Cricket Match) were organized at CTE. Active participation of B.Ed. students made the event colourful.

## In service Workshop-2014

A two week course was held for the capacity building of KEF school teachers; Winter Station from January 15th – 28th, 2014 and for Summer station from 16th June – 28th June 2014. CTE Staff facilitated and conducted sessions on Professional Studies, Mathematics, Science, Social Studies, Art, and English.



## Teaching Practice-2014

B.Ed. students of College of Teacher Education (CTE) underwent teaching practice at all KEF schools. They used modern teaching techniques which encouraged teacher student interaction.

## Short Course For KEF Teachers Feb – 2015

Short Course for KEF teachers was conducted at College of Teacher Education (CTE) by CTE Director and Trainers. Course was well organized; KEF teachers evaluated trainers and appreciated trainers' workshop.



## Certificate Award Ceremony of Winter Short course-2015

Certificate Award Ceremony of Winter Short Course-2015 was held in CTE on 14th February, 2015. Director CTE distributed certificates among PVPS and BVPS teachers.

## Sports Day 14 Feb Batch-04

Sports day was organized at CTE. Students actively participated in sports day activities. The enthusiasm of the students made it a memorable day.

## International Women's Day Mar-10-2015

International Woman day was celebrated by B.Ed.



students on 10th March 2015.

### **Study Trip Mar-21-2015**

On 21st of March 2015 B.Ed. students visited following places as part of their educational trip:



- Wild Life Park, Rawalpindi
- Lake View Park, Islamabad
- Shadra, Islamabad
- Bahria Town, Rawalpindi

### **Poetry Competition (English & Urdu) Mar-28-2015**

Poetry competition was held among the B.Ed. Batch-04 students on 28th of March 2015. Active participation of the trainees made it an interesting event.









Public Relations (PR) is the way organizations, companies and individuals communicate with the public and media. A PR officer of any organization communicates with its target audience directly or indirectly through different kinds of media with an aim to create and maintain a positive image of the respective organization, hence building a strong relationship with



PR Office of Bahria University is located in premises of Islamabad Headquarters, and is responsibly working for enhancing the image and reputation of the institute. At BUHQ, PR Office is responsible for developing social network of BU with other organizations. The Public Relations office works as a control room between the university and people to enable easy communication to meet the growing requirements of academic and non-academic domain of Bahria, it also gets efficient feedback which helps to improve the university standards at all levels. It provides with information to public and stakeholders on current happenings, changes and progress made in university. The office acts as an eagle eye, covering a detailed account on the happenings in all three campuses of Bahria University and highlighting important aspect of each occasions, and providing an exposure to the world using different sources of print and electronic media. Publicity, advertisement and press coverage for important events at BU are major responsibilities of PRO.

“To enhance the communication of University overall and to encourage the skilled and hardworking people to take the right decisions in order to make Bahria University one of the leading universities, producing talented and outstanding students. It is by also serving as a platform for intelligence to blossom. We pursue this vision through leadership and service to the profession as it protects, reinforces and elevates the university’s reputation and builds public understanding of its distinctive qualities and the value, importance and impact of its work.”

“To raise professional standards of the university all across the world. Through a wide public relations effort focused on honest, open and consistent communication, providing the leadership needed to help the university create and maintain mutually beneficial relationships with individuals and organizations vital to the university’s growth and development that enhance the quality and effectiveness of the university’s projects and programs.”

Bahria University continues to grow and diversify; achieving the vision of being an internationally recognized institute and grooming students that together can serve as responsible individuals of the society. This expansion has necessitated a rapid increase in the existing facilities of the university; enabling it to have its presence in three of the largest cities in Pakistan, with an ever-growing student community, an unmatched infrastructure and a wide variety of disciplines.

A PR officer is responsible for the external image of an organization, their aim is to build and maintain good relationships with outside parties – individuals, the media, customers, and others alike - for the organization to be seen in a positive light.

With a clear understanding of the role as a PR Officer, the goal is to provide a vast vision in all aspects of Bahria University, through different modes of media and communication. The aim is to be the eyes and ears of the university, building a positive image and reputation for the world to see.

## Media Coverage of Events

PRO Office works round the clock to keep Bahria's audience up to date about the current activities of university. Great response from feedback from audience is a great motivational source for PR team. PR office currently covered following major events:

- Convocations of Islamabad and Karachi Campuses
- Inauguration Ceremony of Bahria University Medical and Dental College
- International Maritime Conference 2015
- International Conferences at BUIC & BUKC
- Convocation of Bahria University Medical and Dental College
- Alumni Dinner 2014 & 2015
- Educational Expo 2015
- Career Expo 2014 & 2015
- Open House 2014 & 2015
- BU Signed MOU with NUST
- Coke Studio at Bahria University
- Bahria University Board of Governors Meeting (BOG) chaired by Naval Chief
- International Seminar on "Fundamentals of Intellectual Property" at Bahria University Islamabad
- Outstanding Achievement of a Bahrian
- BU's signing of MOU with Rawalpindi Chamber of Commerce & Industry (RCC&I)
- Sports Gala At BU
- Four Days Training Of Eidetic Therapy At Bahria University
- *International Seminar on "Communication and Development"* at Bahria University Islamabad with the collaboration of United Nation Information Centre (UNIC)
- Australian Delegation's visit to Bahria University Islamabad
- BU's Promotion of Youth Programs
- Macquarie University Australian's Delegation visit to BU
- Bahria University & United Nations Programme on HIVAIDS (UNAIDS) "Join hands Together"
- BU's Signed MOU with Islamabad Stock Exchange
- Business Plan Exhibition at BU
- Chinese Delegation visit to Bahria University Islamabad
- Australian Delegation visit to Bahria University Islamabad
- Business Plan Exhibition at BU
- Launching of Bahria University Girls Hostel
- World Environment Day Celebrations at BU
- BU Scholarship Programs
- IDPs Support Initiative by Bahria University Islamabad
- Independence Day celebrations at Bahria University
- Relief goods for IDPs by Bahria University
- Bahria University's initiatives to promote Education
- Launching of Business Incubation Center at BU
- One Day Workshop on "E & P" Sector of Pakistan & Importance of Shale
- Pink Ribbon Campaign at Bahria University Islamabad
- Flood Relief Campaign at Bahria University Islamabad
- Visit of delegation of 17 UK Universities to Bahria University Islamabad
- Diversity Celebrations at Bahria University
- BU awareness session on protection against harassment of women at work place
- BU developing international partnerships
- Indigenous On Campus Training At Bahria University 2014 & 2015
- Inauguration of Sports Complex at Pakistan Sweet Homes by Rector BU
- MOU between Bahria University and All Pakistan Geoscientists Association (APGA)
- Bahria, Winner of HEC Inter University Volleyball Championship (Zone C)
- Significance Of Research In Psychology
- Bahria University hosting all Pakistan HEC Table Tennis Championship 2014-15



## Promotional Activities

### Annual Education Expo

Bahria University participated in 'The News Education Expo 2015' at Islamabad, Karachi, and Lahore to meet the rising demand of quality education and training across the country. The event attracts over 1.5 million aspiring students and their parents in search of reputable institutes for higher education, annually.



To promote the image of Bahria University, Public Relations Office arranged the participation in the News Education Expo 2015. After last year's positive response, Bahria University participated this year again to find best pool of students on 22-24 May 2015 in Karachi, 27 & 28 May 2015 in Islamabad and 30 & 31 in Lahore.



All campuses and constituent units of BU showed their best to elevate the status of university among the visitors of Expo. It helped in programming the New Campus of BU at Lahore.

The underlying objectives of the expo were fully accomplished. The timing was appropriate for Fall 2015 Admissions, as the volunteers on BU applicants. New programs like MS-Finance, MS Project Management,



BS-IT and new departments like psychology in BUIC, CS in BULC were promoted. Participation in Education Expo proved to be fruitful for BU, and resulted in tremendous feedback from the visitors.





## Bahria University Newsletter - BUgle

Bahria University releases its own newsletter 'BUgle' after every two months, comprising the news of all the campuses and constituent units of BU. It also act as a publicity for BU as it is largely circulated to all

HEC recognized Pakistani Universities, as well to BU International partner universities including UK, USA, Turkey etc., Embassies, & High Commissions, HEC, PMDC and other important and relevant corporate sectors.



Released by PR Office



## Advertisements of BU











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