

# ANNUAL REPORT

## 2018-19

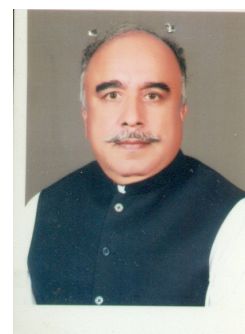


SHAHEED BENAZIR BHUTTO UNIVERSITY  
SHERINGAL, DIR UPPER

JUNE, 2019

## CHANCELLOR MESSAGE

The desire of socio-economic development of any society without education is like a daydream. Properly educated, skilled and trained manpower helps in doing value addition of goods. Products and services and make the way forward for the respective people to have better future. It is the institution of higher learning which create opportunities to deliberate, generate and create knowledge for enrichment of experiences of individuals and communities. While putting these words into black and white for the Annual Report 2018-19 of SBBU, Sheringal I



feel highly optimistic. The area where this esteemed institution is located offers a lot challenges and makes the best use of available resources possible apart from seeking new knowledge in other contemporary disciplines. Surely the serene but challenging climatic environment would be contributing supplementary role to words making the educational and research atmosphere at its campus more attractive. Since Knowledge development does not confine to boundaries, therefore, the students and scholars who step in here also have the opportunity to test their capabilities worldwide. With all such excitements in mind, one finds the University a highly promising initiative to mainstreaming this remotely located area of Upper Dir in the National struggle for securing better future for the coming generations as well. Its success stories of materializing the given targets at a cost of meager resources in the past can also be cited as an example. I wish the vice chancellor and his team especially the scholars and students to be able to coming up to the expectations. Good Luck to all.

(Shah Farman, Chancellor, SBBU)

## VICE CHANCELLOR MESSAGE

It's a matter of immense pleasure to hold this report of Shaheed BB University, Sheringal in my hands and write down my message for another active year of SBBU. This document is a brief collection of various activities, based on education, research, and social development, carried out by the SBBU community, its faculty, students and staff, during the fiscal year 2018-19.



Despite the infrastructural and financial challenges, the year ended with many achievements to claim. The University got enrolled 1309 students in 2018-19. Alongside the academic achievements of the University, SBBU secured Pakistan Bait Ul Mal Scholarships in addition to HEC-Need Based and French-Need Based Scholarships for its students.

During the period under review, SBBU kept on its regular activities such as arranging sports galas, signing MOUs, strengthening the infrastructure, organizing training workshops and all in all, focusing on the overall role of the University for social development of the local community. All this gives me a strong sense of satisfaction that we are heading in right direction which is just a promising start on our epic journey to make it a world class University.

At the end, as head of the institution, for all the present achievements, I would like to congratulate the faculty, students and staff of the University for bringing these laurels to SBBU.

(Prof. Dr. Rahmat Ali Khan, Vice Chancellor, SBBU)

University Profile

1. Faculties:

- Faculty of Life Sciences
- Faculty of Chemical Sciences
- Faculty of Languages and Literature
- Faculty of Religious and Legal Studies
- Faculty of Management and Social Sciences
- Faculty of Physical and Numerical Sciences

2. Academic Departments: 19

3. Programs:

- BS(Hons): 18
- MA/M.Sc: 10
- MS/MPhil: 10
- Ph.D: 03

4. Faculty:

- PhD: 45
- MS/Master: 103

5. Students:

- Undergraduates: 1891
- Graduates/Postgraduate: 1188

6. Well Established Student Financial Aid Office:

S.No	Name of Scholarship	Scholarship Awarded in 2018-19	Overall Scholarship Awarded
1	HEC Need Based Scholarship	76	219
2	HEC-French Scholarships	18	35
3	Zakat Mora Scholarships	110	420
4	FATA Students Scholarships	14	50
5	Pakistan Bait Ul Mal	50	50
<b>Total</b>		<b>268</b>	<b>774</b>

7. Anthropological Museum Maintained at Jandri Kumrat

8. Resource Center for Forestry and Biological Sciences at Kumrat

9. International Linkages under ISO Office (Student & Faculty Exchange)

- MOUs signed with foreign Universities: 15
- MOUs signed with indigenous Universities: 12
- Mevlana Exchange Protocols signed with Turkish Universities: 02
- Foreign Universities consortium signed: 01

10. Career Placement/Advisory Services for Internees and Industrial Linkages.

Each year we publish an annual report to update the community on our activities and outcomes.

Dr. Midrar Ullah

Registrar, SBBU Sheringal

## ABOUT THE UNIVERSITY

Established in 2009, Shaheed BB University (SBBU) is located in a composed town of Sheringal at a distance of 28 km on the right of Dir City in Khyber Pakhtunkhwa (Pakistan) and 22 km from main Dir Timergara road. Situated on the right bank of river Panjkora, SBBU has a rich array of academic programs and research facilities to offer. Currently, with a strength of 3079 students and 148 faculty members (with 45 PhDs), we put forward a wide range of degree programs to the students and researchers.

Moreover, to preserve the local culture of Kohistani people, it has also maintained a museum in the village of Jandri near Thal. Our collection at the museum presents a splendid look into the past life of the local people. Similarly, in order to take the local people in the national mainstream, and to highlight their languages and cultures.

With an agenda of innovation, in teaching and research, SBBU has signed 30 MOUs with a number of local and international Universities, research centres and technology providers with expertise in its research interest areas. Similarly, the University has also acquired the memberships of various specialized bodies such as International Centre for Integrated Mountain Development (ICIMOD), Pakistan Chapter of The Talloires Network (PCTN), Asia Pacific Quality Network (APQN) and the Agencies of the Islamic World (IQA).

The University also offers a number of scholarships to the deserving students. Such scholarships include HEC-Need Based Scholarships, French-Need Based Scholarships, Mora Scholarships, and various types of scholarships for the students of FATA, Merit Scholarships from the Students Endowment Fund of the University. The following are the vision and mission of the University:

Vision

- To provide excellence in academics, research and character, for the uplift of the socio-economic conditions of the area, based on the utilization of the natural resources available.
- The University would act as a “HUB“ of high class education for the people of the adjacent areas of the country as well as beyond the boundaries such as Central Asia, China and Afghanistan.
- Every member of our University enjoys diverse opportunities for intellectual, personal and professional growth. Learning and working at SBBU will foster quick, well-rounded and well-equipped mind to succeed in our fast-changing world.

#### Mission

- To transform the way people think and do things through education, research and service. The SBBU mission comprises three mutually reinforcing thrusts:
- Transformative education that nurtures thinking individuals who are alive to opportunities to make a difference, are valued members and leaders of society and global citizens, effective in diverse settings.
- High-impact research that advances the boundaries of knowledge and contributes to the betterment of society. Dedicated service, as a national University, that adds to social, economic and national development.

#### **Prepared By:**

Ibrar Hussain  
Deputy Director QEC

#### **For information:**

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Shaheed Benazir Bhutto University, Sheringal Dir Upper KP-Pakistan

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## LIST OF ABBREVIATIONS

<b>BHU</b>	Basic Health Unit
<b>FPDP</b>	Faculty Professional Development Program
<b>HEC</b>	Higher Education Commission of Pakistan
<b>HUC</b>	Himalayan University Consortium
<b>ICIMOD</b>	International Center for Integrated Mountain Development
<b>LID</b>	Learning Innovation Division
<b>NAHE</b>	National Academy of Higher Education
<b>NBSP</b>	Need Based Scholarship Program
<b>NCE</b>	National Committee on English
<b>QAA</b>	Quality Assurance Agency
<b>QEC</b>	Quality Enhancement Cell
<b>SBBU</b>	Shaheed Benazir Bhutto University
<b>SEF</b>	Student Endowment Fund
<b>SFAO</b>	Student Financial Aid Office
<b>ISO</b>	International Strategic Office
<b>VC</b>	Vice Chancellor

Shaheed Benazir Bhutto University, Sheringal, Dir Upper is governed under the Regulation 2009. The University Regulation 2009 authorized the University to establish certain authorities to supervise the matters of the University for its smooth functioning. Each of these authorities of the University is briefly introduced here with its key functions and powers:

## 1.1 Senate

Senate is the supreme governing body of the University. The total numbers its membership is twenty-one. All appointments to the Senate, other than ex-officio members, are made by the Chancellor from amongst a panel of three names for each vacancy, recommended by the Representation Committee, set up in terms of section 26 of the Regulation 2009. The Senate meets twice in a calendar year and the service on the Senate is honorary. The Registrar is the Secretary of the Senate. In the absence of the Chancellor, meetings of the Senate are presided over by such member, as the Chancellor may, from time to time, nominate.

The quorum for a meeting of the Senate is two-third of its membership, a fraction being counted as one. The Senate has the powers of general supervision over the University and holds the Vice-Chancellor and the Authorities accountable for all the functions of the University. The Senate has all powers of the University not expressly vested in an Authority or officer by the Regulation 2009 and all other powers not expressly mentioned in this Regulation that are necessary for the performance of its functions.

The body has the powers to approve; the proposed annual plan of work, the annual and revised budgets, the annual report and the annual statement of accounts, hold, control over the property, funds and investments, oversee the quality and relevance of the University academic programs, academic affairs in general, approve the appointment of senior faculty and senior administrators as may be prescribed, institute schemes, directions and guidelines for the terms and conditions of appointment of all officers, teachers and other employees of the University, approve strategic plans, financial resource development plans, consider the drafts of Statutes and Bye-laws on the proposal of Syndicate and the Academic Council, make appointments of members of Syndicate & Academic Council, other than ex-officio members. The Senate may, subject to the provisions of the Regulation 2009, delegate all or any of the powers and functions of any Authority, officer or employee of the University. The Senate may also make inspection/inquiry, regarding any matter, of the University. Total 6 meetings of the Senate were conducted so far while 01 in 2018-19.

## **1.2 Meeting of the Senate in 2018-19**

- 6th Meeting of the Senate held on 25 March, 2019

## **1.3 Syndicate**

The Syndicate is the executive body of the University and, subject to the provisions of the Regulation 2009 and the Statutes, exercises general supervision over the affairs and management of the University. The members of the Syndicate, other than ex-officio members, hold office for three years. The quorum for a meeting of the Syndicate is two-third of the total number of its members, a fraction being counted as one. The Syndicate meets at least once in each quarter of the year.

Without prejudice to the generality of the foregoing powers and subject to the provisions of the Regulation, the Statutes and directions of the Senate, the Syndicate has to consider the annual report, the annual and revised budget estimates and to submit these to the Senate, transfer and accept transfer of movable and immovable property on behalf of the University, enter into, vary, carry out and cancel contracts on behalf of the University. Cause proper books of account to be kept for all sums of money received and expended by the University and for the assets and liabilities of the University, invest any money belonging to the University, grants,

bequests, trust, gifts, donations, endowments etc, administer any funds, placed at the disposal of the University for specified purposes, provide the buildings, libraries, premises, furniture, apparatus, equipment and other means, required for carrying out the affairs of the University, establish and maintain halls of residence and hostels or approve or license hostels lodgings etc, recommend to the Senate the affiliation or disaffiliation of colleges, arrange for the inspection of colleges and the Departments, institute, create or suspend, abolish teaching/administrative positions, as may be necessary, prescribe the duties of officers, teachers and other employees of the University, report to the Senate on matters with respect to which it has been asked to report, appoint members to various Authorities in accordance with the provisions of this Regulation, propose drafts of statutes for submission to the Senate, regulate the conduct and discipline of the students of the University, take actions necessary for the good administration of the University in general and to this end exercise such powers as are necessary, delegate any of its powers to any Authority or officer or a committee; and perform such other functions as have been assigned to it by the provisions of the Regulation 2009 or the Statutes made there under. Total 17 meetings of the Syndicate were conducted so far while 02 in 2018-19.

#### **1.4 Meeting of the Syndicate in 2018-19**

- 16th Meeting of Syndicate held on 13 July, 2018
- 17th Meeting of Syndicate held on 27 April, 2019

#### **1.5 Academic Council**

The Academic Council is the principal academic body of the University and shall, subject to the provisions of the Regulation 2009 and the Statutes, has the powers to lay down proper standards of instruction, research and examinations and to regulate and promote the academic life of the University and the colleges. The Senate appoints the members of the Academic Council, other than the ex-officio members, on the recommendation of the Vice-Chancellor. Members of the Academic Council hold office for three years. The Academic Council meets at least once in six months. The Academic Council has the powers to approve the policies and procedures, pertaining to the quality of academic programs, approve academic programs, the policies and procedures, pertaining to students related functions, the policies and procedures, assuring quality of teaching and research, recommend the policies and procedures for affiliation

of other educational institutions, propose to the Syndicate schemes for the constitution and organization of Faculties, Teaching departments and Boards of Studies, appoint paper setters and examiners for all examinations of the University, after receiving panels of names from the relevant authorities, institute programs for the continued professional development of University Teachers at all levels, recognize the examinations of other or examining bodies as equivalent to the corresponding examinations of the University, regulate the award of studentships, scholarships, exhibitions, medals and prizes, propose, from time to time, Bye-laws to the Senate on the recommendations of the Board of Faculties and the Board of Studies, prescribing the courses of studies, the syllabi and examinations, prepare an annual report on the academic performance of the University; and perform such functions as may be prescribed by Bye-laws. Total 4 meetings of the Academic Council were conducted so far while 01 in 2018-19.

## **1.6 Meeting of the Academic Council in 2018-19**

- 4th Meeting of Academic Council held on 25 March, 2018

## **1.7 Board of Faculties**

There is a Board of each Faculty, which consists of: The Dean; The Professor and the Chairpersons of the Teaching Departments and Directors of Institutes; One Associate Professor, one Assistant Professor, and one Lecturer to be nominated by rotation in order of merit from each Department/Institute constituted in the Faculty; and Three teachers, to be nominated by the Academic Council, by reason of their specialized knowledge of the subjects which, though not assigned to the Faculty, have in opinion of the Academic Council, important bearing on the subjects assigned to the Faculty. The Board of each Faculty shall, subject to the general control of the Academic Council and the Syndicate, has the powers to co-ordinate the teaching, publication and research work in the subjects, assigned to the Faculty, scrutinize the recommendations of the Board of Studies, comprised in the Faculty in regard to the appointment of paper setters and examiners, except for research examinations and to forward the panels of suitable paper setters and examiners for each examination to the Vice-Chancellor, consider any other academic matter, relating to the report thereon to the Academic Council; and perform such other functions as may be assigned to it. Meeting of the Board of Faculty is not conducted till now.

## **1.8 Advanced Studies and Research Board**

There is a board of Advance Studies and Research. The functions of the Advanced Studies and Research Board is to advise the Authorities on all matters connected with the promotion of Advanced Studies and Research in the University, consider and report to the Authorities on the institution of research degrees in the University, propose Bye-laws regarding the award of research degrees, appoint supervisors for postgraduate research students and to approve titles and synopses of their thesis dissertations, recommend panels of names of examiners for evaluation of their thesis and other research examinations; and perform such other functions as may be prescribed by Statutes. Total 5 meetings of the ASRB were conducted so far while 02 in 2018-19.

## **1.9 Meeting of the ASRB in 2018-19**

- 4th Meeting of ASRB held on 9 July, 2018.
- 5th Meeting of ASRB held on 24 Octobe , 2018

## **1.10 Selection Board**

There is a Selection Board. The Selection Board, for teaching and other posts, considers the applications, received in response to an advertisement, and recommends to the Syndicate the names of the suitable persons, for appointment to teaching or other posts as the case may be and may also recommends the grant of a higher initial pay in suitable cases for reasons to be recorded, the appointment of an eminent qualified person to a position in the University on terms and conditions other than those prescribed; and cases of award of increments or cash award on the basis of research contribution as prescribed. The members, other than ex-officio members, holds office for three years. Total 8 meetings of the Selection Board were conducted so far, while Selection Board is not conducted in 2018-19.

## **1.11 Finance and Planning Committee**

There is a Finance & Planning Committee which shall have to consider the annual statement of accounts and the annual and revised budget estimates and advise the Syndicate thereon, review

periodically the financial position of the University, advise the Syndicate on all matters relating to planning, development, finance, investment and accounts of the University; and perform such other functions as may be prescribed. Total 12 meetings of the F & PC were conducted so far while 02 in 2018-19.

## **1.12 Meeting of the F & PC in 2018-19**

- 10th Meeting of F & PC April 27, 2018
- 11th Meeting of F & PC June 20, 2018
- 12th Meeting of F & PC April 26, 2019

## **1.13 Board of Studies (BoS)**

There is a separate BoS for each subject or groups, as may be prescribed by Bye-laws. The functions of the BoS is to advise the Authorities on all academic matters, concerning instructions, publications, research and examinations in the subjects concerned, propose the curricula and syllabi for all degrees, diploma and certificate courses in the subjects concerned, suggest a panel of names of paper setters and examiners in the subjects concerned; and to perform such other functions as may be prescribed by Bye-laws. The term of office of members of the Board of Studies, other than ex-officio members, shall be three years. The quorum for meetings of the BoS , is one-half of the members.

## **1.14 Affiliation Committee**

There is an Affiliation Committee which have to constitute an inspection committee to inspect the educational institution, seeking affiliation with or admission to the privileges of the University and to advise the Syndicate thereon; provided that the Affiliation Committee may itself inspect the institution concerned and advise the Syndicate accordingly, inquire into the complaints alleging breach of conditions of affiliation by affiliated colleges/affiliated institution and to advise the Syndicate thereon; and perform such other functions as may be prescribed by Bye-laws.

**Table 1.1:** Meetings of the Board of Studies in 2018-19

<b>S.No</b>	<b>Departments</b>	<b>Total Meeting</b>	<b>Meeting in 2018-19</b>	<b>Date</b>
1	Agriculture	1	1	Nov 6, 2018
2	English	4	1	May 31, 2018
3	Zoology	5	1	June 08, 2018
4	Management Studies	3	1	Dec 5, 2018
5	Pharmacy	5	2	May 10, 2018 Apr 18, 2019
6	Botany	4	1	Jul 17, 2018
7	Chemistry	4	1	Mar 18, 19
8	Computer Science	3	1	Oct 9, 2018
9	Pakistan Study	1	1	Jun 27, 2018
10	Mathematics	2	1	Aug 09, 2018
11	Education	2	1	Dec 18, 2019

### **1.15 Discipline Committee**

There is a discipline Committee which has to propose Bye-laws to the Academic Council, relating to the conduct of University students, maintenance of discipline and breach of discipline; and perform such other function as may be prescribed.



## CHAPTER 2

## ACADEMIC ACTIVITIES

Shaheed Benazir Bhutto University Sheringal has established Academics Directorate to promote quality education and provide services to students. The major responsibilities of the section are the preparation of the admission schedule and academic calendar, launching of new programs supervise the implementation of the approved curricula, dealing with affiliated colleges and other academic related activities. Semester System of education is being practiced at the University. The academic year is divided into two semesters namely spring and fall. The University offers admissions to its programs in the following Six Faculties. This Chapter presents an overview of the academic activities for the year 2018-19.

### 2.1 Faculties of the University With Departments

#### 1. Faculty of Life Science

- Department of Botany
- Department of Zoology
- Department of Forestry
- Department of Pharmacy
- Department of Agriculture
- Department of Biotechnology
- Department of Environmental Science

2. Faculty of Chemical Sciences
  - Department of Chemistry
3. Faculty of Languages and Literature
  - Department of English
4. Faculty of Religious and Legal Studies
  - Department of Law
  - Department of Islamiyat
5. Faculty of Management and Social Sciences
  - Department of Education
  - Department of Sociology
  - Department of Social Work
  - Department of Pakistan Study
  - Department of Management Science
  - Department of Physical Education
6. Faculty of Physical and Numerical Sciences
  - Department of Geology
  - Department of Mathematics
  - Department of Computer Science

## **2.2 Departments-Wise Academic Programs**

Shaheed Benazir Bhutto University offers (Undergraduate and Postgraduate) Bachelor, Master, M.Phil and PhD degrees in Faculty of Life Science, Faculty of Chemical Science, Faculty of Language and Literature, Faculty of Religious and Legal Studies, Faculty of Management and Social Sciences and Faculty of Physical and Numerical Sciences with 19 Academics Departments.

**Table 2.1:** Faculty Departments-Wise Academics Programs of the University

S.No	Name of Department	Academic Programs
1	Chemistry	1-BS 2-M.Sc 3-M.Phil 4-Ph.D
2	Computer Science	1-BS 2-M.Sc 3- MS
3	Mathematics	1-BS 2-M.Sc 3- M.Phil
4	Geology	1-BS
5	Biotechnology	1-BS 2- M.Phil 3- Ph.D
6	Botany	1-BS 2- M.Sc 3- M.Phil 4-Ph.D
7	Zoology	1-BS 2- M.Sc 3- M.Phil
8	Environmental Science	1-BS 2- M.Phil
9	Forestry	1-BS
10	Pharmacy	1-Pharm D
11	Agriculture	1-BS
12	Management Science	1-BS 2- M.Phil
3	Sociology	1-BS 2- MA
14	Pakistan Study	1-M.Sc
15	Social Work	1-BS 2- MA
16	Education	1-BS 2-B.Ed 3- M.Ed 4- M.Phil
17	Law	1-LLB
18	Islamiyat	1-BS 2- M.Phil
19	English	1-BS 2- MA 3- M.Phil

### 2.3 Duration of Degree Programs

**Table 2.2:** Duration of Program

S.No	Programs	Duration (Years)
1	BS	4
2	Pharm-D/LLB	5
3	MA/M.Sc	2
4	MS/MPhil	2 (Extendable Upto 4 Years)
5	Ph.D	3 (Extendable Upto 8 Years)

## 2.4 Gender Wise Fresh Admission (2018-19)

In the year 2018-19, 2750 application were received for admission to various Bachelor, Master and MPhil programs. The detail of these admissions is given below:

**Table 2.3:** Fresh Admissions in 2018-19

S.No	Degree	Male	Female	Total
1	Undergraduate BS (4 Years)	652	89	741
2	Graduate (MS/M.Sc)	334	74	408
3	Post Graduate (MS/MPhil)	154	6	160
Total		1140	169	1309

## 2.5 Gender-Wise Overall Detail of the Students

**Table 2.4:** Over All Gender-Wise Detail of Students

S. No:	Degree program	Male	Female	Total
01	Undergraduate BS (4 Years)	1724	167	1891
02	Graduate (MA/MSc)	676	118	794
03	Post Graduate (MS/MPhil)	359	25	384
04	Post Graduate (Ph.D)	7	3	10
Grand Total		2766	131	3079

## 2.6 Undergraduate and Postgraduate Programs

SBBU caters to a variety of students by offering 41 degree programs. These programs are offered in 20 Departments of the University in its main and wari campus.

### 1. Undergraduate Programs (BS Hons)

- Agriculture
- Botany
- Biotechnology

- Chemistry
- Computer Science
- English
- Education
- Environmental Science
- Forestry
- Geology
- Islamiyat
- Law (5-Years)
- Management Science
- Mathematics
- Pharmacy (5-Years)
- Sociology
- Social Work
- Zoology

## 2. Graduate Programs (MA/M.Sc)

- Botany
- Chemistry
- Computer Science
- English
- Islamiyat
- Mathematics
- Sociology
- Zoology

## 3. MS/M Phil

- Animal Science
- Botany

- Biotechnology
- Chemistry
- Computer Science
- English
- Education
- Environmental Science
- Islamiyat
- Mathematics
- Management Sciences
- Zoology

#### 4. Ph.D

- Botany
- Biotechnology
- Chemistry

## 2.7 Students Scholarships

**Table 2.5:** Scholarships Awarded

S.No	Name of Scholarship	Scholarship Awarded in 2018-19	Overall Scholarship Awarded
1	HEC Need Based Scholarship	76	219
2	HEC-French Scholarships	18	35
3	Zakat Mora Scholarships	110	420
4	FATA Students Scholarships	14	50
5	Pakistan Bait Ul Mal	50	50
<b>Total</b>		<b>268</b>	<b>774</b>

## 2.8 Convocation

The 1st convocation of the University is not held up till now.

## 2.9 Academic Achievements

**Table 2.6:** Total Pass Out Students (2018-19)

Degree	Male	Female	Total
BS	176	26	202
MA/M.Sc	142	129	271
MS/M.Phil	49	4	53
Total	367	159	526

## 2.10 Foreign and Local Academic Linkages

The University intends to establish strong academic linkages with national/international Universities. The main purpose of these linkages is to create opportunities for split programs and research collaboration.

**Table 2.7:** International MoUs

S. No	University	Country
1	Bozok University	Turkey
2	Dicle University	Turkey
3	Fatih University	Turkey
4	Gediz University	Turkey
5	Namik Kemal University	Turkey
6	TR Erzincan University	Turkey
7	Trakya Balkan University	Turkey
8	Yildirim Beyazit University	Turkey
9	Al Gobol AL Gharbi	Libya
10	University of Malaya	Malaysia
11	Royal University of Dhaka	Bangladesh
12	Islamic University in Uganda	Uganda
13	Bejieng Forestry University China	China

**Table 2.8:** National MoUs

S. No	University	Country
1	Indus University, Karachi	Pakistan
2	Quaid-e-Azam University	Pakistan
3	Karachi University	Pakistan
4	AJK University	Pakistan
5	Khushal Khan Khatak University	Pakistan
6	Punjab University	Pakistan
7	Virtual University	Pakistan
8	Lahore University of Management Sciences (LUMS)	Pakistan
9	Gomal University	Pakistan
10	University of Science and Technology Bannu	Pakistan
11	Comsats University	Pakistan
12	University of Malakand	Pakistan
13	Senate of Pakistan	Pakistan

## 2.11 Honours and Awards

### Faculty Members Completed their Ph.D

**Table 2.9:** Faculty Completed Ph.D (2018-19)

S.No	Name	Designation	Department
1	Alam Zeb	Assistant Professor	Forestry
2	Muhammad Wajid Raza	Assistant Professor	Management Science
3	Latif Ahmad	Assistant Professor	Botany
4	Muhammad Israr	Assistant Professor	Sociology
5	Fazli Haleem	Lecturer	Management Science
6	Bahadar Zeb	Lecturer	Physics
7	Zia Ur Rehman	Lecturer	Islamiat
8	Ziaullah	Lecturer	English
9	Muhammad Tariq	Lecturer	Chemistry



## Faculty Members Completed their MS/MPhil

**Table 2.10:** Faculty Completed MS/MPhil in (2018-19)

<b>S.No</b>	<b>Name</b>	<b>Designation</b>	<b>Subject</b>
1	Ibrar Hussain	DD QEC	Computer Science
2	Asghar Khan	Lecturer	Geology
3	Riffat Aziz	Lecturer	Environmental Science
4	Iyas Ahmad	Lecturer	Islamiat
5	Shah Zahor Ahmad	Lecturer	Islamiat
6	Muhammad Qasim	Lecturer	English
7	Bakht Sheema Bibi	Lecturer	English
8	Sami Ullah	Lecturer	Computer Science
9	Zahor Ahmad	Lecturer	Computer Science
10	Fahad Saeed	Lecturer	Computer Science

- The Higher Education Commission (HEC) confers the Best University Teacher Award 2018 upon 64 University teachers in recognition of their outstanding performance. Each winner was awarded a certificate and a cash prize of Rs. 100,000. From SBBU, Dr. Shafiq Ur Rehman (Assistant Professor Pharmacy) received this award for the year 2017-18. Dr. Midrar Ullah (Assistant Professor Biotechnology) has received this prestigious award for the year 2016-17.

Research and Development (R&D) is the process by which an organization works to obtain new knowledge that it might use to create new technology, products, services, or systems that it will either use or sell.

### 3.1 R&D at SBBU-An Overview

In order to strengthen research capacity and increase international recognition through networking and more effective dissemination of research results, Shaheed BB University has been very focused on the component of R&D. This focus underlines the critical need for a restructured and well managed research and development programs. SBBU highlights the importance of research and development in terms of reputation-building and international recognition and enhanced opportunities for research networking. We firmly believe that more research will allow for expanding the number of PhD candidates and professionals to engage in research activities and in publishing research findings under the SBBU umbrella.

During 2018-19, SBBU continued to progress by establishing a common mechanism for planning, implementing and monitoring of the research and development process. The current chapter highlights the activities carried out by SBBU for the promotion of research and development during the years of 2018 and 2019.

Research & Development is key component of any university. All over the world Universities are known by their Research Productivity. R&D activity consists of Research Project (Na-

tional/International) and Publications.

### 3.2 Research Publications in 2018-19

The faculty and scholars of SBBU continued contributing their research findings and getting them published in national and international journals, 446 research publications with impact factor of 506.713 have been published so far.

#### Research Publications in 2018-19

- Khan, N. M. Khan, Z. U. Ali, F. Jan, A. K. Muhammad, N. Elahi, R. Food Science and Biotechnology Effect of extraction methods on structural, physio chemical and functional properties of dietary fiber from defatted walnut flour. 45 (2)881-887 August 2018
- Afzal Shah, Erum Nosheen, Faiza Jan Iftikhar, Farman Ali Khan Chemical Engineering Journal Stimuli responsive peptide based biomaterials as drug delivery systems 353 559-583.1 December 2018 6.7
- Khan, Kamran, Sarzamin Khan, Nazir Ahmad Khan Pakistan Journal of Zoology Effect of Flaxseed Supplementation of Feed on Growth, Carcass Yield, Meat and Fatty Acids Profile of Rabbit Carcass. 50, no. 6 31 August 2018 0.54
- Ullah, Rahim, Khalid Pervaiz Akhtar, Peter Moffett, Journal of Plant Pathology (Analysis of the resistance of Gossypium herbaceum to cotton leaf curl kokhran virus strain burewala and cotton leaf curl multan betasatellite. 1-4 July 2018 0.944.
- Muhammad Imran, Muhammad Asif Nawaz, Tahir Hussain, Folia microbiological Isolation, characterization and efficacy of phage MJ2 against biofilm forming multi-drug resistant Enterobacter cloacae. 1-11. January 2019 1.311.
- Pervez, Sidra, Muhammad Asif Nawaz, Afsheen Aman Catalysis Letters Agarose Hydrogel Beads: An Effective Approach to Improve the Catalytic Activity, Stability and Reusability of Fungal Amyloglucosidase of GH15 Family. 1-11 September 2018 2.911
- Andleeb, Muhammad Ali, Sana Raza, Muhammad A. Nawaz Journal of Basic Microbiology Bacteriophages: an overview of the control strategies against multiple bacterial infections in different fields. 28 November2018 1.580.

- Cheng, Zhongyao, Yumei Lian, Zul Kamal, Xin Ma, Jianjun Chen Current pharmaceutical design Nanocrystals technology for pharmaceutical science.24, no. 21 Number 2018 2.757.
- Ahmad, Riaz, M. Zeshan Afzal, S. Faisal Rashid .In 2018 IEEE 2nd International Workshop on Arabic and Derived Script Analysis and Recognition (ASAR), pp Space Anomalies in OCRs for Arabic Like Scripts.67-71.October 2018.
- Zeb, Hassan, Azhar Hussain, Muhammad Naveed, Allah Ditta Italian Journal of Agronomy Compost enriched with ZnO and Zn-solubilising bacteria improves yield and Zn-fortification in flooded rice.13, no. 4 Oct 2018 0.579.
- Hasib Khan. Khan, Aziz, Muhammed I. Syam, Akbar Zada, The European Physical Journal Plus Stability analysis of nonlinear fractional differential equations with Caputo and Riemann-Liouville derivatives 133, no. 7 July 2018.
- Khan, Hasib, Cemil Tunc, Wen Chen J. Appl. Anal. Comput Existence theorems and Hyers-Ulam stability for a class of Hyberd fractional differential equations with P-Laplacian operator 8, no. 4 August 2018
- Ahmad, Latif, and Masood Khan Microsystem Technologies Numerical simulation for MHD flow of Sisko nanofluid over a moving curved surface: A revised model 1-18 September 2018 1.581.
- Khan, M., M. Irfan, L. Ahmad, and W. A. Khan. Physics Letters A Simultaneous investigation of MHD and convective phenomena on time-dependent flow of Carreau nanofluid with variable properties: Dual solutions August 2018 1.863.
- Sajjad Saeed, Sher Sha, Sami Ullah, Rahman Uddin Open Journal of Forestry The Carbon Sinks and Mitigation Potential of Deodar (Cedrus deodara) Forest Ecosystem at Different Altitude in Kumrat Valley, Pakistan 8, no. 04 Oct 2018.
- Adnan Ahmad, Muhammad Amir, Abdul Mannan, SajjadSaeed, Sher Shah, Sami Ullah, RahmanUddin, and Qi-Jing Liu Open Journal of Forestry Research The Carbon Sinks and Mitigation Potential of Deodar (CedrusDeodara) Forest Ecosystem at Different Altitude in Kumrat Valley, Pakistan 8(04), p.553 Oct 2018 0.88 Google based impact factor).
- Adnan Ahmad QI-Jing Liua, S.M. Nizamic, Abdul Mannand, SajjadSaeed Land Use Policy Carbon emission from deforestation, forest degradation and wood harvest in the tem-

perate region of Hindukush Himalaya, Pakistan between 1994 and 2016 78(2018)781-790  
November2018 3.19.

- Rajpar, Muhammad Nawaz. In *Tropical Forests-New Edition*. IntechOpen *Tropical Forests Are An Ideal Habitat for Wide Array of Wildlife Species*. August 2018.
- Rahman, Habibur, Haseena Bibi, MS Abdul Jabar, and Iftikhar Ahmad EPL (Europhysics Letters) *Cross-Kerr nonlinearity in the surface plasmon polariton waves generated at the interface of graphene and gain medium* 122, no. 5 18 July 2018.
- Bacha, Bakht Amin, and MS Abdul Jabar. *Journal of Optics The event cloaking from a birefringent medium via Kerr nonlinearity* 20, no. 9 9 August 2018 2.323.
- Amjad Mehmood, Muhammad Faran Majeed, Siraj Muhammad, Muhammad Kamal Khan. *Mobile Networks and Applications Innovative Citizen's Services through Public Cloud in Pakistan: User's Privacy Concerns and Impacts on Adoption*. 1-22. 25 Sept 2018 2.49.
- Park, Suhyun, Jaegyeong Lee, Hyosun Lee, Ah Rim Jeong, Kil Sik Min, and Saira Nayab *Applied Organometallic Chemistry Five-coordinate dinuclear cobalt (II), copper (II), zinc (II) and cadmium (II) complexes with 4 bromo N (2 pyridinylmethylene) benzenamine: Synthesis, characterisation and methyl methacrylate polymerization*. 33, no. 3 (2019).
- Naz, Saira, Muhammad Subhan, Khan Sher, Hasin Sahar, Qaisar Ali, and Shakirullah Khan Shakir *Journal of Stress Physiology & Biochemistry Effect of Gamma Irradiation on Yield and Yield Contributing Traits in Hybrids of Sunflower (Helianthus annuus L.)*. 15, no. 1 (2019).
- Jamal, Muhsin, Sayed MAUS Bukhari, Saadia Andleeb, Muhammad Ali, Sana Raza, Muhammad A. Nawaz, Tahir Hussain, Sadeeq U. Rahman, and Syed SA Shah *Journal of basic microbiology Bacteriophages: an overview of the control strategies against multiple bacterial infections in different fields*. 59, no. 2 (2019).
- Khan, Muhammad Imran, Ahsan Kazmi, Fadia Kalsoom, and Muzamal Bashir. Available at SSRN *Prevalence of Hepatitis B and C Virus Infection at a Tertiary Care Hospital in Pakistan*.3328663 2019.

- Ahmad, Shujaat, Kiramat Ali Shah, Haya Hussain, Anwar Ul Haq, Abid Ullah, Asaf Khan, and Najm Ur Rahman. Bangladesh Journal of Medical Science Prevalence of Acute and Chronic Forms of Leukemia in Various Regions of Khyber Pakhtunkhwa, Pakistan: Needs Much More to be done! 18, no. 2 (2019).
- Nawab, Javed, Nayab Khan, Riaz Ahmed, Sardar Khan, Junaid Ghani, Ziaur Rahman, Fawad Khan, Xiaoping Wang, Juma Muhammad, and Hassan Sher Journal of Soils and Sediments Influence of different organic geo-sorbents on *Spinacia oleracea* grown in chromite mine-degraded soil: a greenhouse study. 1-16 2019.
- Khan, Aziz, Tahir Saeed Khan, Muhammed I. Syam, and Hasib Khan. European Physical Journal Plus Analytical solutions of time-fractional wave equation by double Laplace transform method. 134, no. 4 2019.
- Khan, Hasib, Aziz Khan, Wen Chen, and Kamal Shah Mathematical Methods in the Applied Sciences Stability analysis and a numerical scheme for fractional Klein Gordon equations 42, no. 2 2019.
- Khan, Ayesha, Ajmal Khan, Umar Farooq, Muhammad Taha, Syed Adnan Ali Shah, Sobia Ahsan Halim, Arfa Akram, Mohammed Ziauddin Khan, Abdul Khaliq Jan, and Ahmed Al-Harrasi Medicinal Chemistry Research Oxindole-based chalcones: synthesis and their activity against glycation of proteins. 1-7 2019.
- Jan, Amin Ullah, Fazal Hadi, Fazal Akbar, and Abdullah Shah Pak. J. Bot Role of Potassium, Zinc and Gibberellic Acid in Increasing Drought Stress Tolerance in Sunflower (*HELIANTHUS ANNUUS L.*) 51, no. 3 2019.
- Ullah, Sami, Matthias Dees, Pawan Datta, Petra Adler, Mathias Schardt, and Barbara Koch. Remote sensing Potential of modern photogrammetry versus airborne laser scanning for estimating forest variables in a mountain environment 11, no. 6 2019.
- Shah, T. A., and R. Ullah. International Journal of Environmental Science and Technology "Pretreatment of wheat straw with ligninolytic fungi for increased biogas productivity 1-12 2019.
- Su, Jing, Ran Zhang, Yumei Lian, Zul Kamal, Zhongyao Cheng, Yujiao Qiu, and Mingfeng Qiu Pharmaceuticals Preparation and Characterization of Erythrocyte Membrane-Camouflaged Berberine Hydrochloride-Loaded Gelatin Nanoparticles 11, no. 2 2019.

- Que, Xiao, Jing Su, Pengcheng Guo, Zul Kamal, Enge Xu, Siyu Liu, Jieyu Chen, and Mingfeng Qiu Drug delivery Study on preparation, characterization and multidrug resistance reversal of red blood cell membrane-camouflaged tetrandrine-loaded PLGA nanoparticles 26, no. 1 2019.
- Ahmed, Jawad, Masood Khan, and Latif Ahmad Physica Scripta Significance of thermophoresis, thermal-diffusion and diffusion-thermo on the flow of Maxwell liquid film over a horizontal rotating disk (2019).
- Rehman, Noor, Sultan Alam, Inamullah Mian, and Hidayat Ullah. Bulletin of the Chemical Society of Ethiopia Environmental friendly method for the extraction of cellulose from Trifolium resopinatum and its characterization 33, no. 1 2019.
- Sooppy, Nisar Sooppy Kottakkaran, Chuan Jun Huang, Gauhar Rahman, Abdul Ghaffar, and Feng Qi.( Some Inequalities of the Hermite-Hadamard Type for k-Fractional Conformable Integrals 2019).
- Shah, Mujahid, Sheeraz Ahmed, Khalid Saeed, Muhammad Junaid, and Hamayun Khan., 2019.International Conference on Computing, Mathematics and Engineering Technologies Penetration Testing Active Reconnaissance Phase Optimized Port Scanning With Nmap Tool.pp. 1-6. IEEE 2019.
- Ahmad, Mukhtar, Muhammad Atif Farid, Sheeraz Ahmed, Khalid Saeed, M. Asharf, and Usman Akhtar. In 2019 2nd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET) Impact and Detection of GPS Spoofing and Countermeasures against Spoofing pp. 1-8. IEEE 2019.
- Ullah, Sahibzada Fahim, Nasir Mehmood Khan, Farman Ali, Shujaat Ahmad, Zia Ullah Khan, Noor Rehman, Abdul Khaliq Jan, and Nawshad Muhammad Food Science and Biotechnology Effects of Maillard reaction on physicochemical and functional properties of walnut protein isolate 1-9 2019.
- Mansoor, Muhammad, Muhammad Jamil, Noman Latif, Sher Muhammad, Jaweria Gull, Muhammad Shoab, and Arsalan Khan. Sciences-PJSIR eview Importance of Herbal Plants in the Management of Urolithiasis. 62, no. 1 (2019).
- Ashraf, Muhammad, Manzoor Ahmad, Hanif Ahmad, and Shujaat Ahmad. Pakistan Journal of Pharmaceutical Sciences Phytochemical investigation of Hyoscyamus albus 32,

no. 2 2019.

- Khan, Hasib, Cemil Tunç, Dumitru Baleanu, Aziz Khan, and Abdulwasea Alkhazan. *Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas Inequalities for n-class of functions using the Saigo fractional integral operator* 1-14.2019.
- Saqib, Fatima, Naila Jabeen, Muhammad Riaz, and Gabriela Sechel *Boletin Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas Evaluation of smooth muscle relaxant potential of Bismarckia nobilis (Hildebr. & Wendl.) in diarrhea, hypertension and asthma by ex-vivo and in-vivo method.*18, no. 2 2019.
- Zeb, Alam. *Applied Geography* 102 Spatial and temporal trends of forest cover as a response to policy interventions in the district Chitral, Pakistan.39-46 (2019).
- Abrar, Muhammad Faisal, Muhammad Sohail Khan, Sikandar Ali, Umar Ali, Muhammad Faran Majeed, Amjad Ali, Bahrul Amin, and Nasir Rasheed *IEEE Access* 7 Motivators for Large-Scale Agile Adoption From Management Perspective: A Systematic Literature Review 22660-22674 2019.
- Park, Suhyun, Jungkyu K. Lee, Hyosun Lee, Saira Nayab, and Jong Won Shin. *Applied Organometallic Chemistry* Zinc (II), palladium (II) and cadmium (II) complexes containing 4 methoxy N (pyridin 2 y Imethylene) aniline derivatives. Synthesis, characterization and methyl methacrylate polymerization 2019.
- Cho, Juhyun, Min Kyung Chun, Saira Nayab, *Transition Metal Chemistry* Synthesis,characterisation, and X-ray structures of zinc (II) complexes bearing camphor-based ethyleneimineimines as pre-catalysts for heterotactic-enriched polylactide from rac-lactide 1-11. February 2019.
- Saira Nayab, *Polyhedron* Synthesis, characterization and polymerisation studies of cadmium(II) complexes containing N,N ,X-tridentate X-substituted (X = N, O) 2-iminomethylpyridines DOI:org/10.1016/j.poly.2018.11.033 January 2019 2.067.
- Saira Nayab, *Inorganica Chimica Acta* Synthesis and structural characterisation of copper complexes containing methylthiophene and methylfuryl derivatives of (R,R)-1,2-diaminocyclohexane as precatalysts for polymerisation of rac-lactide 480, 33-41 August 2018, 2.264.



### 3.3 Conferences, Seminars, Workshops and Training

Shaheed Benazir Bhutto University have been arranged 276 Conferences, Seminars, Workshops and Training so far.

#### Conferences, Seminars, Workshops and Training (2018-19)

During the years 2018-19, the faculty members, master trainers and the Directorate of QEC remained very busy in arranging the trainings, seminars and workshops in the main campus and sub campuses of the University.

- Department of Biotechnology celebrates the 15th anniversary of the land mark of completion of Human Genome Project marked as International DNA Day (July 04, 2018).
- One Day Workshop on Skill Development Training Course on Cultivation, processing and preservation of economically important medicinal plant (Aug 13, 2018).
- One Day Workshop on Setting Standards for Clinical Pharmacy organized by the Department of Pharmacy (July 2018).
- 1st National conference on Contemporary Issued and Practices in Business and Management CNRCBM-2018 attended by Department of Management Science(13-14th Sep,2018).
- Hydrocarbon Exploration techniques in ATW-2018 attended by Department of Geology (16 to 18th Nov, 2018).
- 19th National Moot Court competition (Lahore) attended by Department of Law.
- Three days National Conference on Phytomedicines: Current & Future Perspective organized by Department of Pharmacy (Oct, 9 to 11, 2018).
- One Day Training on Internal Quality Assurance Practices
- One Day Training on How to Write Self-Assessment Report
- One Day Training Program On The Role of AT Members in Self-Assessment
- Meeting on Self-Review of MS/MPhil and Ph.D Programs
- Meeting on Meeting Regarding Finalization of SAR Reports

- One day workshop on Cell Based Drug Delivery System and Modern Technology organized by Department of Pharmacy( 16 May, 2019).
- Five days Training on Bio security organized by Department of Pharmacy (22-26th October 2018).
- One day workshop HPLC organized by Department of Pharmacy ( 12, April 2019).
- One day international Conference of Mathematics organized by Department of Mathematics (4 April, 2019).
- Curriculum Orientation workshop on Zoology at Lahore College for women University, Lahore attended by Department of Zoology (22-24th April, 2019).
- Two Day conference on Microbiology , Infectious Diseases and Health Safety April, 4-5th, 2019, attended by faculty members at University of Swabi
- 1st National Conference on Drug Discovery against cancer and other Diseases Feb, 11,12,2019, attended by faculty members at University of Swabi.
- 4th International Conference of Chemical Engineering and Industrial Biotech August, 1,2, 2018, attended by faculty member at International University of Malaysia.
- 1st International Workshop on Molecule Biology, Tool & Technology Nov, 12,14, 2018, attended by faculty members at University of Malakand.

### **3.4 Research Collaboration**

SBBU considers research collaboration equally important for the promotion of the R&D at the University. Department-wise research projects and/or research funding earned by the faculty members of SBBU, Sheringal.

### **3.5 Funded Research Projects**

SBBU faculty won 19 research projects with funding of Rs. 27.647 Million, in National Research Program for University, in the field of Biotechnology, Chemistry, Pharmacy and Mathematics.

## List of Funded Research Projects (2018-19)

- Dr. Abdul Khaliq Jan

Name of Project: Ethobotany of medicinal wild food planning of kumrat valley, essential oil composition

Amount: 5.2 M

- Dr. Saira Nayab

Name of Project: Di-triaryl imines, amines and dithiocarbamates based transition metal complexes: synthesis, characterization and biological applications.

Amount: 5.1 M

- Dr. Najam Ur Rehman

Name of Project: Investigation of antidiabetic, anti-inflammatory and antinociceptive effects of *Debregeasiasalicifolia*

Amount: 1.9 M

- Dr. Habib Ullah Jan

Name of Project: An investigation into the effect of biological vs. chemical treatments on the feeding value of wheat straw in Northern Pakistan.

Amount: 0.3 M

- Dr. Muhammad Iqbal

Name of Project: Lie symmetries and pain level analysis for the (2+1) dimensional non-linear Schrodinger equation.

Amount: 0.28 M

## CHAPTER 4

# INNOVATION AND COMMERCIALIZATION

Directorate of ORIC at SBBU was established in May 2015 with the aim to transform innovative research ideas towards product development through university-industry linkages. Efforts have been made to convert innovative ideas from basic to applied research that could lead towards product development as well as to ensure the commercial prospective of R & D. Several research projects are underway that could result in valuable materials that could further lead to product development. These include:

- Conversion of used/waste plastic material into fuel. (Chemistry/ Organic Chemistry Group).
- Essential oils/crude drug from indigenous medicinal plants as chemo-therapeutics (Chemistry/Natural Product Research Group).
- High quality walnut oil and its subsequent defatted flour (With low glycemic values as food additives for diabetic patients). (Chemistry/ Food Chemistry Group)
- Nano-material (nanocellulose) from waste biomass towards designing of biodegradable plastic material (Chemistry/Physical Chemistry Group).
- Synthetic compounds/complexes as anti-ulcer agents. (Chemistry/Analytical-organic Chemistry Research Group).
- Trout Hatchery at SBBU (Zoology/Fisheries Group).

- Production of commercial lipase for continues industrial use (Biotechnology/Industrial Biotechnology Group).
- Biogas production from anaerobic co-digestion of food waste and weeds (environmental / Bio Energy from solid waste group).

## CHAPTER 5

# QUALITY ASSURANCE

Quality is the means through which an institution can guarantee, with confidence and certainty, that the standards of its educational provision are being maintained and enhanced (Quality Assurance Agency UK); Quality in higher education is a dynamic entity which is the outcome of interaction among many factors including inter-alia, leadership, quality of faculty and students, infrastructure facilities, research and learning environment, governance, strategic planning, assessment procedures, and market force.

### 5.1 Impact of Quality Assurance in the University

Quality Enhancement Cell, Shaheed Benazir Bhutto University was established on 25th January, 2011 to monitor and assess academic Programs through a number of instruments provided by the HEC in the shape of manual called Self-Assessment Manual. Assessment is a systematic process of gathering, reviewing and using important quantitative and qualitative data and information from multiple and diverse sources about educational programs, for the purpose of improving student learning, and evaluating whether academic and learning standards are being met.

### 5.2 Quality Enhancement Cell

QEC at Shaheed BB University, since its inception, is striving for achieving excellence in quality education. QE SBBU has been presenting its Yearly Progress Report (YPR) to QAA, HEC in

every year. It has also worked on various issues regarding the assurance of quality education. Director QEC is also the member of various statutory bodies of the University. Some of the important activities are noted down here:

### **5.3 Memberships of the International Bodies**

The QEC of SBBU has got registered with the following international bodies as per QAA HEC requirement.

- Member of Asian Pacific Quality Network (APQN)
- Member of Tallories Network
- Member of Association of Quality Assurance Agencies of the Islamic World (QA-Islamic).

### **5.4 Director QEC Statutory Bodies Membership**

- Member Senate
- Member Syndicate
- Member Board of Studies
- Member Academic Council
- Member Board of Faculty
- Member Advanced Study and Research Board
- Member Finance and Planning Committee

### **5.5 QEC Self-Assessment Reports of 2018-19**

QEC SBBU completes 05 Self-Assessment Reports including Rubric Reports, Executive Summary and Implementation Plan for the year 2018-19 in the following programs.

- M.Ed
- B.Ed

- BS Education
- M.Sc Social Work
- M.Phil Education

## **5.6 Seminars/Conferences/Workshops on QA/SA 2018-19**

- One Day Training on Internal Quality Assurance Practices
- One Day Training on How to Write Self-Assessment Report
- One Day Training Program On The Role of AT Members in Self-Assessment
- Meeting on Self-Review of MS/MPhil and Ph.D Programs
- Meeting on Meeting Regarding Finalization of SAR Reports

## **5.7 QEC Committees**

- Quality Assurance Committee
- Plagiarism Standing Committee
- Self-Review Committee of MS/MPhil & Ph.D Programs
- Self- Institutional Performance Evaluation Committee

## **5.8 Self-Review of MS/MPhil & Ph.D**

As per the newly framed Yearly Progress Report (YPR) SOPs shared by the Quality Assurance Agency (QAA) of the Higher Education Commission (HEC) of Pakistan, the Quality Enhancement Cell (QEC) of Shaheed Benazir Bhutto University conducted the Self-Review of the following ten MS/MPhil & three Ph.D programs offered by the University: The purpose of the self-review of MS/M.Phil/Equivalent& Ph.D Programs is to check the compliance with the HEC minimum criteria/guidelines set for these Programs.

1. MS/MPhil Programs



- M.Phil English
- M.Phil Zoology
- M.Phil Biotechnology
- M.Phil Chemistry
- MS Computer Science
- M.Phil Islamiyat
- M.Phil Environmental Science
- MS Management Science
- M.Phil Botany

## 2. Ph.D Programs

- Botany
- Chemistry
- Biotechnology

## **5.9 Online Teacher and Course Evaluation**

The Online Evaluation was conducted for the year 2018-19 in all Departments in all Programs of the University. Teacher Evaluation by Student, Course Evaluation by Teacher and Students Survey were successfully completed.

## CHAPTER 6

# UNIVERSITY PROFESSIONAL RANKING BY THE HEC

Ranking provide complete picture to stakeholders like researchers, students, business community, parents, industry etc. to compare institutions according to different parameters of their need, such as Quality & Research etc. For the development and progress of any country, quality of higher education is the key factor. HEIs are considered to be the originators of change and progress of the nations. In order to strengthen the quality of higher education in Pakistan, Higher Education Commission (HEC) has taken various initiatives to bring the HEIs of Pakistan at par with international standards. Ranking is one of the measures to scale the success of efforts of the HEIs to achieve the international competitiveness in education, research and innovation.

### 6.1 Ranking of SBBU

According to 5th ranking of Pakistani Higher Education Institution (HEIs) announced by HEC on 23-2-2016, which is the last ranking announced by HEC. Shaheed Benazir Bhutto University, Sheringal, Dir Upper has been placed at number 49 out of 73 Universities under the “General University” Category of Higher Education Institutions.

### 6.2 Steps taken by SBBU to Improve the Ranking

- Adoption/Implementation of HEC criteria for appointments of faculty members

- Adoption/Implementation of HEC criteria of PhD programs
- Adoption/Implementation of HEC plagiarism policy compliance
- Rating of Quality Enhancement Cells (QECs) of the HEIs.
- University industrial linkages.
- Civic engagements and community services by the HEIs
- International conferences/Workshop/Seminar organized.

The University focus on Teaching Quality, Research, Finance & Facilities, Social Integration/Community Development for improving the ranking.

## CHAPTER 7

### FACULTY DEVELOPMENT

Shaheed Benazir Bhutto University has selected scholars for PhD in various departments under the faculty development programs of the project titled Development of Shaheed BB University.

#### 7.1 Faculty Development Programs (PhD Foreign)

SBBU scholars are pursuing PhD study in various countries. The details of the scholars studying in foreign are as under:

**Table 7.1:** SBBU Faculty Members Pursuing their PhD Degrees Abroad

S#	Name	Department	Departure	Country	Remarks
1	Mr. Javed Iqbal	Forestry	04-02-2014	Czech	Yet to join
2	Mr. Siraj Muhammad	Computer Science	13-08-2014	Thailand	Yet to join
3	Ms. Bushra Hamid	Management Science	16-01-2015	Australia	Yet to join
4	Sami Ullah	Biotechnology	1-6-2015	Germany	Yet to join
5	Sikandar	Biotechnology	1-9-2016	China	Yet to join
6	Alamgir Khan	Forestry	18-2-17	China	Yet to join
7	Ihsan Danish	Environmental Science	18-9-2017	China	Yet to join
8	Adnan Ahmad	Forestry	20-2-2017	China	Yet to join
9	Zul Kamal	Pharmacy	1-9-2017	China	Yet to join

## 7.2 Faculty Development Programs (PhD Inland)

**Table 7.2:** SBBU Faculty Members Pursuing their PhD Degrees in the Country

S.No	Name	Department	University
1	Hamid Afridi	Pharmacy	University of Malakand
2	Zia Ullah	English	NUML Islamabad
3	Ishaq Ahmed	Pak Studies	Peshawar University
4	Abid Ullah	Chemistry	SBBU
5	Haya Hussain	Chemistry	SBBU
6	Asaf Khan	Chemistry	SBBU
7	Kashif Raza	Chemistry	SBBU
8	Muhammad Latif Khan	Mathematics	Quaid-e-Azam University
9	Said Muhammad	Agriculture	Allama Iqbal Open University
10	Khan Sher	Botany	SBBU
11	Javeria Gul	Biotechnology	SBBU
12	Hassena Gulzar	Biotechnology	SBBU
13	Juma Muhammad	Environment Science	Peshawar University
14	Irfan Ullah	Computer Science	Peshawar University
15	Muhammad Naveed	Chemistry	Punjab University
16	Muhammad Amin	Environment Science	Agriculture University
17	Adnan Ali	Management Science	IMS Peshawar
18	Muhammad Inam	Animal Science	Agriculture University
19	Sami Ullah	Computer Science	GIK Topi Sawabi
20	Rab Nawaz	Management Science	Peshawar University
21	Ilyas Ahmad	Islamiyat	Abdul Wali Khan University
22	Shah Zahor Ahmad	Islamiyat	Abdul Wali Khan University

## 7.3 Returned Scholars

Following is the department-wise names of returned scholars who have gone to foreign countries under faculty development programs for higher studies have completed their degrees and return back to SBBU.

**Table 7.3: SBBU Returned Scholars**

S#	Name	Department	Departure	Country	Return	Remarks
01	Dr. Faran Majeed	Computer Science	11-12-12	Thailand	01-03-17	Ph.D Completed
02	Mr. Alam Zeb	Forestry	15-05-13	Canada	1-04-19	Ph.D Completed
03	Dr. M. Niqab	Education	17-06-13	Malaysia	11-02-16	Ph.D Completed
04	Dr. Sami Ullah	Forestry	29-06-13	Germany	20-09-17	Ph.D Completed
05	Mr. Riaz Ahmad	Computer Science	01-07-13	Germany	03-05-8	Ph.D Completed
06	Fazli Haleem	Management Science	01-09-13	Denmark	7-02-19	Ph.D Completed
07	Mr. Atif Shah	Law	11-09-13	United Kingdom	27-02-15	LLM Completed
8	Dr. Niaz Ali	Education	22-01-15	Malaysia	06-03-17	Ph.D Completed
9	Mr. M Wajid Raza	Management Science	01-06-15	Belgium	1-10-18	Ph.D Completed

## 7.4 Present Scholars

Currently there are twelve (12) scholars of the University studying in different European, Asian and Australian , The detail of these scholars is as in Table 7.1 Twenty Two (22) scholars are pursuing their PhD degree in the country. The detail of these scholars is as in Table 7.2.

## 7.5 Pre-Service and In-Service Professional Development Program

The University provides two types of pre-service professional development programs. One is orientation and socialization in which a senior employee of the University is assigned the task

by the office of the Registrar to take orientation session with the new comers and provide them with maximum information about the University, its structure and procedure of work.

In the second type of professional development program the newly hired employees are put in the supervision of the senior employees who can thought them about everything regarding their jobs. In-service professional development programs including workshops, seminars and different training programs either on-campus or off the campus, are offered to the employees.

## CHAPTER 8

# STUDENTS ENROLLMENT AND DEGREES AWARDED ANNUALLY

The total number of students enrolled in University is 3079 out of these, 1891 were enrolled in BS Hons, 794 is Master (MS/M.Sc), 384 in MS/Phil and 10 in PhD Program.

### 8.1 Over All Program-Wise Enrollment of the University

**Table 8.1:** Program-Wise Enrollment

S.No	Name of Program	Enrollment
1	Master (2-Years)	794
2	BS (4-Years)	1891
3	MS/MPhil	384
4	Ph.D	10

#### 8.1.1 Over All Degree-Wise Enrolment BS Level

At BS level 1891 student were enrolled in 18 different programs. The following Table reflect the degree-wise enrollment of students at BS level.



**Table 8.2:** Degree-Wise Enrolment BS 4-Years

S.No	Name of Degree Program	Male	Female	Total
1	BS Agriculture	48	1	49
2	BS Biotechnology	65	0	65
3	BS Botany	141	42	183
4	BS Computer Science	133	0	133
5	BS Chemistry	114	14	128
6	BS English	125	20	145
7	BS Education	52	9	61
8	BS Environmental Science	26	1	27
9	BS Forestry	121	0	121
10	BS Geology	139	0	139
11	BS Islamic Studies	10	0	10
12	LLB	98	4	102
13	BS Management Science	120	0	120
14	BS Mathematics	28	0	28
15	Pharm-D	147	13	160
16	BS Sociology	97	0	97
17	BS Social Work	67	5	72
18	BS Zoology	193	58	251
Total		1724	167	1891

### 8.1.2 Over All Degree-Wise Enrolment Master Level

At Master level 794 student were enrolled in 10 different programs. Table 8.3 reflect the degree-wise enrollment of students at Master level.

### 8.1.3 Over All Degree-Wise Enrolment MS/MPhil Level

At MS/Phil level 384 students were enrolled in 12 different programs. Table 8.4 reflect the degree-wise enrollment of students at MS/MPhil level.

**Table 8.3:** Degree-Wise Enrolment Master 2-Years

S.No	Name of Degree Program	Male	Female	Total
1	M.Sc Botany	147	47	194
2	M.Sc Computer Science	55	1	56
3	M.Sc Chemistry	61	16	77
4	M.Sc Pakistan Study	54	9	63
5	M.Sc Physical Education	61	3	64
6	M.Sc Zoology	144	34	78
7	M.Sc Mathematics	71	2	73
8	MA Sociology	16	1	17
9	MA Social Work	28	4	32
10	MA English	39	1	40
Total		676	118	794

**Table 8.4:** Degree-Wise Enrollment MS/MPhil

S.No	Name of Degree Program	Male	Female	Total
1	Biotechnology	12	0	12
2	Computer Science	29	2	33
3	Chemistry	48	3	51
4	English	49	2	51
5	Education	16	1	17
6	Environmental Science	26	2	28
7	Islamiat	81	4	85
8	Mathematics	16	1	17
9	Zoology	18	3	21
10	Botany	24	6	30
11	Management Science	34	1	35
12	Animal Science	6	0	6
Total		359	25	384

### 8.1.4 Over All Degree-Wise Enrolment Ph.D Level

At Ph.D level 10 students were enrolled in 3 different programs. Table 8.5 reflect the degree-wise enrollment of students at Ph.D level.

**Table 8.5:** Degree-Wise Enrollment Ph.D

S.No	Name of Degree Program	Male	Female	Total
1	Biotechnology	1	3	4
2	Botany	1	0	1
3	Chemistry	5	0	5
Total		7	3	10

## 8.2 Degrees Awarded Annually

The university has adopted a strict policy regarding the normal and maximum duration of each program as per HEC criteria. Degree-wise output is given in Table 8.6.

**Table 8.6:** Degree Awarded (2018-19)

Degree	Male	Female	Total
BS	176	26	202
MA/M.Sc	142	129	271
MS/M.Phil	49	4	53
Total	367	159	526

A knowledge-based economy is one of the dynamic components of modern economies. The knowledge-based economy is subject to the investment on education. Higher education plays a vital role in the construction of knowledge-based economies through their research commercialization, innovation, and technology development.

## 9.1 University-Industry Linkage

Industrial linkages with academic institutions play an important role in transformation of theoretical knowledge into practical experience and research into potential products that directly drives socioeconomic development. The SBBU, Sheringal accepts the importance of such linkages and thus participates regularly in science and technology exhibitions around the country and invites business leaders, industrialists and community leaders to its premises.

## 9.2 New Initiatives

Shaheed BB University is newly established in the year 2009. The University established the Office of Research, Innovation and Commercialization with High Tech Lab. Basic research infrastructure is already constructed and handed over to the departments i.e. Science labs for Pharmacy, Forestry, Chemical Science, Computer Science and Zoology.

### **9.3 Technology Incubation Centre**

After establishment of ORIC, the University will now set up the business and technology incubation centres for SMEs, pharmaceutical plants, dairy farms, forestry plantation etc.

### **9.4 Patents**

There is no patents

### **9.5 Internship and Placement Office**

The University has planned to establish the Internship and Placements office in for guidance of its graduates. The office will help its graduates to seek internship in highly reputed national and international organizations.

### **9.6 Student Counseling and Career Guidance**

The University has established Student Counseling and Career Guidance Dr. Mian Shah Bacha (HoD, Department of English) has been appointed as a focal person for Student Counseling and Career Guidance in March, 2018 for the establishment of the office, the TOR for the office shall be framed soon.

## CHAPTER 10

# STRENGTHENING PHYSICAL INFRASTRUCTURE

The strengthening physical infrastructure aimed to provide, strengthen and upgrade the existing academic, research and residential infrastructure which includes Academic Blocks, Hostels, Admin block, Canteens, Laboratories, Libraries, Student Hostels, ICT etc. Strengthening University infrastructures support, enable, and enhance the work of its faculty, staff, and students.

### 10.1 Development Projects

The Planning & Development Department, SBBU, Sheringal is planning comprehensively to provide modern academic, research and residential infrastructure to enable conducive learning and research environment in the University. Shaheed Benazir Bhutto University, Sheringal has made rapid growth, both in opening of new academic programs and strengthening the existing ones along with required infrastructure development, still it needs to invest more in provision of massive physical facilities.

The University has completed several developmental projects, while some are projects are ongoing and proposed as well. Vehicles, furniture & fixtures, ICT, Lab and Office Equipments etc. are also purchased to make the campus facilities functional and contribute in the development of the University.

## 10.2 Research Equipments

Research Equipments, chemical/glassware etc. were purchased during FY 2018-19 for enhancing the capacity of existing labs.

- Department of Pharmacy
- Department of Biotechnology
- Department of Forestry
- Environmental Sciences
- Lab Equipment & Chemical/Glassware.
- Department of Zoology
- Department for Botany
- Forestry Department Lab

## 10.3 Construction Projects

The construction projects of Shaheed Benazir Bhutto University are divided into three categories which are as following.

- Projects Completed
- Projects On-going
- Projects Proposed

### 10.3.1 Completed Projects/PC-Is

9 Projects of Construction and Development have been completed so far, with worth of Rs. 795.213 Million.

1. HEC PC-I/Project Titled: Development of Shaheed Benazir Bhutto Campus-II, UOM, Sheringal costing Rs. 444.267 Million, CDWP approved 22/11/2008, AA issued on 21/02/2009, Civil Works and Purchases Completed in 2013. Total 09 Scholars out of 12 completed their PhDs, joined University. PC-IV is in preparation stage.

2. PC-I/Project Titled: Construction of Boys Hostel (100 Students), measuring 15427 sft and costing Rs.34.206 Million, DDWP approved on 23/10/2007, completed and PC-IV submitted in 2012.
3. Project for Strengthening and Development of Science Labs under HEC/USAID Funded Grant costing Rs. 5.427 Million, HEC/USAID approved in 2011 and completed in 2013.
4. PC-I/Project Titled: Preservation and Research on High Valued Medicinal Plants at High Altitude Centre, Sheringal, costing Rs. 32.808 Million, Completed and PC-IV submitted 2017.
5. PC-I/Project Titled: Establishment of Department of Forestry at Sheringal Campus Costing Rs.28.771 Million, Completed and PC-IV submitted 2017.
6. PC-I/Project Titled: Restoration of Flood Damaged Infrastructure, at Shaheed Benazir Bhutto University, Sheringal, Dir Upper costing Rs. 121.734 Million, CDWP approved June 12, 2012 completed and PC-IV submitted 2017.
7. PC-I/Project Titled: Construction of Girls Student Hostel at SBBU, Sheringal Dir Upper Costing Rs. 100.00 Million, completed 2017 and report submitted.
8. Construction 2nd Floor in Faculty Hostel, from University Resources Rs. 11.00 Million, Completed 2018-19.
9. 2nd Floor in Boys Hostel, from University Resources Rs. 17.00 Million, Completed 2018-19.

### **10.3.2 On-going Projects**

Project/PC-I, Titled: Development of University of Dir, Sheringal Dir Upper Costing Rs.1709.189 Million. CDWP 14.01.2016. Releases made Rs. 570 Milion. Brief of the project approval and implementation cycle is summarized as under:

- The Development Project/PC-I of the Shaheed Benazir Bhutto University, Sheringal, Dir Upper titled Development of Shaheed Benazir Bhutto University, Sheringal was reflected in PSDP 2015-16, Stakeholder Analysis Report based on university requirements (academic, residential and research needs/infrastructure) was prepared by P& D Department under



the supervision of Vice Chancellor, copy of it along PC-I was submitted to HEC, Islamabad for further necessary action.

- The HEC submitted the PC-I to Chief S&T Section, Planning Commission for further necessary action vide its letter No. HEC/P&D/SBBU/Sheringal/40(2014)/70, dated February 23, 2015.
- Pre-CDWP meeting was held on 15/09/2015 under Chairmanship of Deputy Chief (S&T), Planning Commission, Approval of Technical Appraisal was given and the project was recommended for onward submission PC-I to CDWP, Planning Commission for approval.
- The CDWP Committee under the chairmanship of Deputy Chairman Planning Commission, in its meeting held on 14.01.2016, approved the PC-I subject to Cost Rationalization by the Post CDWP/Cost Rationalization Committee and also renamed the project as Development of University of Dir, Sheringal.
- The Cost Rationalization Committee/Post CDWP Committee under the Chairmanship of Member PSD/S&T, Planning Commission in its meeting held on 28.02.2016, finalize the capital cost and approved the cost for Rs. 1709.187 Million directing the university to rework out the project and submit final copy of the said amount for issuance of Authorization and Administrative Approval.
- The Assistant Chief, Public Investment Authorization Section, Planning Commission issued Authorization of the Project with Capital Cost of Rs. 1709.187 Million to Executive Director HEC vide letter No. 4(372)/PIA-IV/PC/2015, dated March 17, 2016.
- The DG, P& D Division, HEC issued Administrative Approval vide its letter No. DN-1114-0007 dated April 11, 2016 with total cost of Rs. 1709.187 million.
- The HEC made obligatory for all Universities/DAIs that Master Plan, Architectural Drawings and Designs of the Civil Works shall be approved from HEC Technical Review Committee under the Chairmanship of the Executive Director HEC.
- First meeting of HEC the Technical Review Committee was held in HEC on 08.08.2016 to discuss and review the Conceptual drawings and Master Plan.
- 2nd meeting of HEC Technical Review Committee was held by HEC on 10.11.2016 and finalize its recommendations to Planning Commission.

- The Planning Commission approved the drawings, designs and Master Plan and issued Approval vide its letter no. 8(363)S&T/PD/2016, dated 05.01.2017.
- This exercise took almost 01 year starting from 14.01.2016 till 05.01.2017, the project civil activities were not started.
- After 05.01.2017, the Project Management Unit, SBBU, Sheringal started preparations of Detailed Tender& Construction Drawings, Engineer Estimates, Bid documents, Bidding Processes, Contracts Awarding, and Execution of the Civil Works etc.

### 10.3.3 The Summarized Breakup/Capital Cost of the Project/PC-I are as Under

**Table 10.1:** Summarized Breakup

1	Civil work (Building + External Development)	1113.029 Million
2	Cost Escalation	65.112 Million
3	Consultancy cost @ 4 %	47.126 Million
Total Civil Work		1225.267 Million
4	Others (Purchases+ Project staff and Contingencies Cost)	483.920 Million
Total PC-I Cost Approved		1709.187 Million

### 10.3.4 Implementation Status of the Project

The following important engineering studies are completed as per need and requirements.

**Table 10.2:** Important Engineering Studies

S.No.	Name of the Engineering Studies	Cost	Status	Date
1.	Submitted Topographic Survey Report (533 Kanal inside campus and outside area) @ Rs. 1000/- Per Kanal	Rs. 533,000/-	Completed	2015
2.	Submitted Geo Technical Investigations Report/study (416.24 Kanal) @ Rs. 2000/- Per Kanal	Rs. 832,000/-	Completed	2015
3.	Master Planning of the Project @ Rs. 2000/- Per Kanal (416.24 Kanal inside campus)	Rs. 832,000/-	Completed	2016
4.	Electric Resistivity Survey for exploration of Ground Water	Rs. 600,000/- Lump sum for 04 studies	Completed	2018
5.	Feasibility Study for Micro Hydel Power 200-250 KVA		Completed	2018
6.	Flood Studies of River Panjkora		Completed	2018
7.	Environmental Impact Assessment Report and other studies not carried till date		Completed	2018

### Note on Planning and Designing of the New Buildings

- A state of the art and beautifully designed Detail Master Plan having all the components of the Campus are prepared and implementation is already started. This Master Plan is the master piece, its preparation took 02 years with ACE Consultant, Project Staff and P&D section.
- The under-construction buildings in the PC-I/Project titled Development of University of Dir, Sheringal, Dir Upper shall be equipped with state-of-the-art modern requirements.
- All the buildings are designed on purpose built basis. Main entrances, emergency exits, and doors of large capacity halls are designed as open out or double swing position. Lift system is provided. At least 6 feet platform/landing space are provided before the stairs/ramps at main entrance and emergency exits. The ramp for disabled persons are provided at minimum 1:12 and it is not curved and all stair cases are straight and rect-

angular instead of winder.

- Emergency exits are provided in every building at all floors after every 60 feet distance and dead end are avoided. The washrooms for special persons are provided in each building with standard radius of at least 5.0 feet after fixtures for wheelchair to manoeuvre inside.
- Passive solar buildings are designed for maximum advantage of the local climate and sun light performing on accurate site analysis.
- As per building code requirements, the walls are constructed at a scale of R10, roof at R12 and tempered glass are used in the building.
- As this is seismic zone (Zone-III having moderate risk), therefore claddings are kept to a maximum of 4 feet height. Covered area, sun & wind path and north direction of each building/floor are clearly mentioned in the drawing.
- Standard room sizes have been designed in all buildings as per use of the room and halls. Every building has been designed according to its requirements.
- Two types of washrooms have been designed in every building, for general public and for disable persons.
- Other modern facilities like Diesel Generator Sets, Internal Networking and NVR System, Deep Freezers, Refrigerators, Electric Water Coolers, Exhaust Fans, Solar Water Heaters/Geysers, Electric Water Geysers, Cooking Range, Wardrobe/Almirah, Chullah/Burner, Fire Hydrant System, Fire Extinguishers (Liquid Type), Fire Extinguishers (Powder Type), Water Filters Three stages, Thunder Light Arresting System, CCTV system around the building and entrance as well as in corridors with day and night resolution, Telecommunication System, LCD Screen, Fire Alarm/Smoke Detector System are present in every building. Lighting system consist of WAPDA, Diesel Generator, Micro Hydel Power Generation will be provided to the buildings.

### **10.3.5 Civil Works**

The Project/PC-I titled Development of University of Dir, Sheringal costing Rs. 1709.189 Million is a long term project covering a total of 4 to 5 years for anticipated completion. The project contain the following infrastructure and purchases.

**Table 10.3:** Development of University of Dir, Sheringal Costing Rs. 1709.189 Million

S.No	Civil Works	PC-I Provision (Million)	Contract Cost (Million)	Covered Area (Sft)	Date of Award	Date of Completion	Work Done (Million)
A	<b>Building Modules</b>						
1	Boys Hostel	132.460	124.131	42,729	25.09.17	31.12.2019	33.472
2	Girls Hostel	132.460	109.283	42,729	27.11.17	31.12.2019	30.505
3	Herbarium & Agriculture Labs	93.822	80.853	30,491	21.11.17	31.12.2019	17.306
4	Community Centre	67.917	60.883	21,224	07.03.18	31.10.2019	13.445
5	Admin Block	73.162	61.236	22,863	02.07.18	31.11.2019	7.854
6	Academic Block	266.448	223.541	88,816	26.12.18	31.12.2020	5.348
7	Central Library	77.500	0.000	25,000	Not Awarded		
8	Multipurpose Hall	72.989	0.000	20,854	Not Awarded		
9	Poultry Shed	7.340	0.000	3670	Not Awarded		
10	Sheep & Goat Shed	2.580	0.000	1290	Not Awarded		
11	Dairy Animal Shed	5.460	0.000	2730	Not Awarded		
12	Beef Animal Shed	5.460	0.000	2730	Not Awarded		

### 10.3.6 Other Components of the Project

1. Micro Hydel Power Station of 200 KVA: costing Rs. 45.421 Million
2. Design& feasibilities completed in 2017-18 and 2018-19. Feasibility studies report that Construction of Hydel Power is feasible. Preparation of Engineer estimates are in progress.

### 10.3.7 Proposed Projects

The Planning & Development Department, SBBU, Sheringal under the dynamic leadership of the current Vice Chancellor has prepared a concept paper and detail review of the existing facilities and chalked out future requirements for the development of Wari Campus, Shaheed Benazir

B	External Development works						
1	Construction of Boundary wall, Main Gate, Security Check Posts & Earth Filling (04 Items as per PC-I) Ongoing	97.069	92.103	8300 rft boundary wall and 1-job	25.04.2016	30.06.2019	86.220
2	Construction of Water Supply & Sewerage System (02 Items as per PC-I)	34.101	34.927	1-job	03.04.2017	30.06.2019	27.408
3	Construction of Road, Parking Area & Bridge (03 items as per PC-I)	32.763	32.255	1-job	07.04.2017	30.06.2019	21.654
4	Landscaping/ Horticulture	1.000	0.000	1-job	Not Awarded		
5	External Electrification	10.500	0.000	1-job	Not Awarded		
C	Cost Escalation (6.5 % in 1st Year & 13 % in 2nd Year)	65.122	0.000	1-job			
D	Consultancy @ 4 %	47.126	47.126	1-job	08.01.2015		37.428

Bhutto University, Sheringal. In this regard, the P & D Department has submitted the following new projects to various approving bodies i.e. Higher Education Department, Government of Khyber Pakhtunkhwa and Higher Education Commission, Islamabad for approval.

### **PC-I/Project titled Purchase of Land for the Wari**

Progress in the Project/PC-I in FY 2018-19:

- The ADP Scheme No. 513/170634, with tentative capital cost of Rs. 150 Million was reflected in the ongoing ADP 2018-19.
- Based on the university campus requirements, Project/PC-I was proposed with capital cost for Rs. 389.487 Million (for purchase of 300 Kanal of Land), was submitted to Higher Education Department, Govt. of Khyber Pakhtunkhwa on 14.12.2018 for scrutiny and onward submission to competent forum i.e. PDWP for approval.
- The HED processed the project to P&D Department dated 12.03.2019 after conducting detail technical, economic and financial analysis of the project with consultation of P&D

**Table 10.4:** Purchases & Project Implementation

S.No.	Items	PC-I Provisions	PC-I Quantity (No./1-Job)	Actual Purchase as per Need	Cost as Per Actual Purchase
1	Lab Equipments	74.689	421	82	28.751
2	Equipment for ICT Infrastructure	100.068	37613	154	14.206
3	Furniture and Fixture	91.149	7558	39	0.488
4	Books & Journals	35.000	1-job	1-Job	11.542
5	Vehicles Requirements	92.925	14	14 nos.	93.580
6	Farm Machinery & Animal	9.555	1104	11 no.	6.177
7	Project Execution Staff	17.585	05	5	10.865
8	Contingencies	17.528	As per Need	As per Need	8.600

department, SBBU, Sheringal.

- The Pre-PDWP meeting was held on 09/04/2019, under chair of the Chief Education Section, P&D Department, Govt. of Khyber Pakhtunkhwa. The project is included in the agenda of forthcoming meeting of the PDWP and date of meeting is not communicated yet.
- The Deputy Commissioner, Dir Upper, notified Section-IV, vide it letter no. 12391-12402/DC/Rev;(Wari, SBBU) dated 18/05/2018 for purchase of 82 Kanal land.
- Further, the request for Section -IV for acquisition of additional land measuring 218 Kanals of land out of required 300 Kanals, was submitted to the office of Deputy Commissioner, Dir Upper, via Registrar office letter# SBBB/Estb/Ltr/8165, dated 12.12.2018.

### **New Project Proposed: Establishment of SBBU Wari Campus**

Progress in the Project/PC-I in FY 2018-19:

- In compliance of the directives of the Honourable Prime Minister of Pakistan via letter#

PMs Office u.o. No.7/Meeting/Malakand/2019/PAU-I dated 31/01/2019 dated January 31/01/2019, addressed to the Chairman, Higher Education Commission, Islamabad and Secretary, M/O Planning, Development & Reforms, the Vice Chancellor, SBBU, Sheringal, proposed new project titled Establishment of Wari Campus, Shaheed Benazir Bhutto University, Sheringal Dir, Upper Pakhtunkhwa, Costing Rs. 1500 Million, to P& D Division, HEC, Islamabad for inclusion in forthcoming PSDP FY 2019-20.

- Concept Paper regarding the need, developmental works, purchases and PSDP proforma for new scheme/project for development of the Wari Campus, Sheringal is submitted by Deputy Director P&D, SBBU, Sheringal to Director P& D Division, HEC, Islamabad on March 01, 2019.

#### **10.4 Other Facilities to be provided**

- Campus Radio Station & Solarization of the Campus
- Water supply from improved sources of dug wells
- Botanical Gardens, Forest Farms & Horticultural Nursery



## CHAPTER 11

# STRENGTHENING TECHNOLOGICAL INFRASTRUCTURE

The importance of the Information and Communications Technology cannot be denied in modern era and SBBU recognizes the importance of ICT in increasing institutional efficiency and supporting the learning processes through incorporation of ICT in curriculum of students as well as in capacity development programs of the staff members. The University aims to automate important functions such as admissions, examinations, finance, budgeting, and procurement and quality assessment through the introduction of campus wide ICT network i.e. Campus Management Solution as well provision of Internet facilities by enhancing wireless coverage. SBBU is being shortlisted for HEC smart University Project. As the fund become available the University will launch the project which cover all modern ICT facilities.

### 11.1 Digital Library

Access to digital Library is available and we are given an IP address for using HEC digital library but the internet service/ networking at SBBU is in the process of up gradation due to which we can access the HEC Digital Library. The fiber optics networking has been completed and very soon 16 MB internet will be available in the Main Campus and we will be able to use Digital Library. The University has planned to provide separate infrastructure for digital library in near future.

## 11.2 PERN

PERN Internet facility of 100 MBPS is available at the University. This facility is available in all the departments and offices. Fiber Optic networking is completed with a cost of Rs. 7.7 million. Cisco switches, local area networking and fiber optic solution have been installed.

## 11.3 Video Conferencing

The video conferencing facility was installed in the year 2012-13 which is fully functional. Different types of seminars, conferences and meetings are arranged in it.

## 11.4 Campus Management Solution

The University is trying to raise funds and has planned to implement Campus Management Solutions in its business plan. The CMS will provide the following facilities.

**Table 11.1:** CMS Facilities

Result	Examination
Admission	Fee and Fine
Grant Management	Financial Management
Project Management	Report and Thesis Archival
Student Services System	Human Resource Management

## 11.5 Web Portal

The University web portal which can be accessed via [www.sbbu.edu.pk](http://www.sbbu.edu.pk). The SBBU IT team is working further to make the portal more dynamic and interactive according to modern requirements.

## 11.6 Development of Online Admission System

Online admission system is not available.

## CHAPTER 12

# UNIVERSITY BUILDING COMMUNITIES

Shaheed BB University, by realizing the importance of community linkage and outreach programs, is always interested in programs which are focused on such topics. The present chapter highlights the activities carried out by SBBU for the purpose of creating the University as a hub of community building. Some of these activities were highlighted by the Pakistan Chapter of Taillorise Network (PCTN) newsletter which covers the news of member on civic activities.

### 12.1 University Community Service

Civic engagement is a key component of higher education institutions in the community in which they are located and play a leadership role in the society. Community service takes many forms including volunteerism, advocacy and education. To preserve the local culture of Kohistani people, the University also maintained a museum in the village of Jandri near Thal. Our collection at the museum presents a splendid look into the life of local people. Similarly, in order to take the local people in the national mainstream, and to highlight their languages and cultures, we have also established the Sheringal Research Cell for Northern Languages.

#### 12.1.1 University -Community Interaction

Shaheed BB University provides complete, accurate, accessible and adequate information to its prospective students, local community, other stake holders and intended audiences to help them in making decisions regarding education. SBBU interact with community through celebrating

the various international days, programs, walks, seminars and other social gatherings.

### **12.1.2 University Role in Building Community**

SBBU is committed to building community relationships. The University is making serious efforts to engage their communities and interact with its surrounding community through celebrating the various international days, programs, walks, seminars and other social gatherings. The University civic engagement/ community services will contribute in the civic life of our communities developing. The following is the details of civic engagements and community services/outreach programs of SBBU.

## **12.2 Various National and International Days Celebration**

In order to promote awareness of and action on important political, social, cultural, humanitarian or human rights issues, every year SBBU celebrates National and International Days. The basic and fundamental aim of celebration of these days is to provide a useful means for the promotion of international and national action and to unite people, across the world.

Sports play a very vital role in the life of human beings and we are well aware of this fact that it is as important as academic education for the bright future of our youth. Education through sport is one of the best ways to bring about positive social change within the society and it is universally accepted that sport is a major International platform for the recognition of a nation. Participating in sports also leads to increase youth self-esteem.

### **13.1 Intramural Sports Activities/Inter-Departmental Sports**

Directorate of Sports, Shaheed Benazir Bhutto University Sheringal is putting in its best efforts to develop and promote Sports and always encourages individuals who make efforts to promote sports actively in the University. SBBU organized Sports Gala which entertained locals, students of different departments and faculty members of the University. Beside these colleges from Upper Dir and Lower Dir also participated in the colorful events. A week long festivity including Cricket, Football, Volley Ball, Athletics and Tug of War were conducted among the competitors.

### **13.2 Participation in All Pakistan Intersarsity Championship 2018-2019**

Shaheed Benazir Bhutto University, Dir Upper participated in different games in All Pakistan Intersarsity Championship during session 2018-19. Following are the games in which our Uni-

versity participated.

- Cricket: Held at Islamia College University Peshawar, January 2019
- Football: Held at AWKUM Mardan, January 2019
- Archery: Held at Shaheed BB University Sheringal May 2019

### **13.3 Achievement at National Level (2018-19)**

- 3rd Position in All Pakistan Intersarsity Archery Championship 2019 Shaheed Benazir Bhutto University participated in All Pakistan Intersarsity Archery Championship organized by Shaheed BB University Sheringal Dir Upper May 2019 and secured 3rd position Against 12 teams from Pakistan.
- Shaheed BB University Sheringal Organized All Pakistan Intersarsity Men Archery Championship 2019. First ever in the history, Shaheed BB University Sheringal organized All Pakistan Intersarsity Archery Championship 2019 with the collaboration of Higher Education Commission in May 1, 2019. 12 Universities from different part of the country participated in the event.

### **13.4 Incentives and Awards for Players**

Directorate of Sports SBBU has awarded all players with Medals, Trophies, Cash Prize, Certificates and Playing kits who took part in Intersarsity Championships. Beside this SBBU also conducts training camps in order to continue routine practice of different games.

## CHAPTER 14

# UNIVERSITY BUILDING LEADERSHIP

A University campus is the perfect place to start building leadership and skills for lifetime success. Some of that skill building will happen in the classroom, but even more of your learning will take place outside of it. This is especially true when it comes to leadership skills. University can develop many of the qualities that define great leaders. There are many clubs and organizations at University where you can get involved and run for an officer position. Twelve societies in total have been constituted by SBBU so far.

### 14.1 Faculty Leadership

Faculty leadership is important factor in higher education as they are the main stakeholders in the University who are committed to enhance the quality education in higher education institutions. Faculty members in one way or another fill the leadership roles to become a formal leaders, Therefore, it is important for them to develop their leadership abilities. SBBU shall have to invest for faculty leadership capabilities to make them fully committed to the core academic values.

### 14.2 Memberships of Statutory Bodies

The following faculty members have been elected for a term of three years, for the various statutory bodies of the University.

- Dr. Nasir Mehmood, Assistant Professor, Department of Agriculture and Mr. Muhammad Inam, Lecturer, Department of Animal Science, elected is a member of Senate for a term of three years.
- Mr. Shazad Khan, Assistant Professor, Department of Computer Science and Mr. Aatif Shah, Lecturer, Department of LAW, elected is a member of Syndicate for a term of three years.
- Dr. Midrar Ullah, Assistant Professor, Department of Biotechnology, Dr. Sami Ul Haq, Assistant Professor, Department of Islamic Studies and Dr. Riaz Ahmad, Lecturer, Department of Computer Science elected is a member of ASRB SBBU for a term of three years.
- Mr. Muhammad Amin, Assistant Professor, Environmental Science, elected is a member of Finance & Planning Committee SBBU for a term of three years.
- Dr. Akthar Aman, Assistant Professor, Department of Pharmacy, Dr. Muhammad Wajid Raza, Assistant Professor, Department of Management Science, Dr. Muhammad Faran Majeed, Lecturer, Department of Computer Science, Dr. Zia Ur Rehman, Lecturer, Department of Islamic Studies and Dr. Aftab Ahmad, Principal UPS Boys College elected is a member of Academic Council for a term of three years.

### **14.3 Student Leadership**

Shaheed BB University is trying to provide quality education to the people of the area (at all three levels i.e., at school, college and University level). Apart from imparting quality education through standard academic procedures and to provide skilled leadership to the society, the University equally takes care of personality building of students by a wide range of co-curricular activities. The Director of the Students's Societies Mr. Bakht Zada Danish, tries his level best to use this platform as a principal vehicle for channelizing their potential for a good end, give vent to their bubbly feelings, broaden their vision in the global context and refine their qualities as national architects. Twelve societies in total have been constituted by SBBU so far. The names and details of societies are as under.



## **14.4 SBBU Student Societies**

1. Kumrat Islamic Cultural Society
2. Kumrat Literary & Debating Society
3. Social Welfare & Awareness Society
4. Sports Society
5. Dramatic Society
6. Eco Society (Environmental creative organizer)
7. Creative Art Society & Heritage Society
8. Blood Donor Society
9. Science & Technology Society
10. SBBU Rifle Society
11. Adventure & Hiking Society
12. Character Building Society

## **14.5 Activities of Student Societies**

The Students societies are arranging different activities such as Blood donation, Sports Gala, Naat and Qirat competitions.

## CHAPTER 15

## FINANCE

### 15.1 Financial Years at a Glance

The university books of accounts were maintained on cash basis using the double entry accounting system. As per recurring revenue /expenditure actuals for the fiscal year 2017-18.

The operational position of the University is summarized as under.

#### Detail of Income

**Table 15.1:** Detail of Income

S#	Particulars	FY 2017-18 Amount (Rs in Million)	FY 2016-17 Amount (Rs in Million)
1	Opening Balance on 01.07.2017 & 01.07.2016	Rs. 6.059	Rs. 9.396
2	Grants in Aid From HEC	Rs. 265.533	Rs. 259.961
3	Student Related Income		
	Tuition fee	Rs. 41.700	Rs. 38.484
	Other charges	Rs. 29.340	Rs. 39.728
	Hostel Charges	Rs. 8.800	Rs. 4.900
	Sub Total of (3).	Rs. 79.840	Rs. 83.112

**Table 15.2:** Income from Affiliated/Private Students

4	INCOME FROM AFFILIATED/PRIVATE STUDENTS, EXAM FEE ETC		
	Affiliated/Private students	Rs. 28.924	Rs. 19.581
	External Private College Students	Rs. 28.883	Rs. 26.897
	Sub Total of (4).	Rs. 57.807	Rs. 46.478
5	Other Income	Rs. 0.048	Rs. 10.974
	Total of own income	Rs. 137.695	Rs. 140.564
	Total available Resources	Rs. 409.287	Rs. 409.921

**Table 15.3:** Annual Expenditure

ANNUAL EXPENDITURE	
Approved Budget in Million	Actual Performance
Rs. 569.316	Rs. 400.443
Rs. 519.255	Rs. 403.863

The increase/decrease in HEC grants & own resources/income as compared to 2016-17 was 5.50% and 2%. The meager decrease in revenue happened due to conversion of sub-campus Chitral into the University of Chitral. However, concerted efforts have been made, to cover that deficiency and achieve around 20-25% annual increase in revenue by considerable increase in students.

## 15.2 Development Budget

**Table 15.4:** Development Budget

S.No	Name of Project	FY 2017-18 Rs in Million	FY 2016-17 Rs in Million
1	Development of University of Dir Sheringal	Rs. 362.708	Rs. 425.903
2	Development of Shaheed BB University Sheringal	Rs. 39.634	Rs. 73.820
3	Construction of Girls Hostel under ADP of KP	Rs. 14.173	Rs. 50.863
4	Reconstruction of Damaged Infrastructure of SBBU.	Rs. 0.000	Rs. 19.561
Total		Rs. 416.515	Rs. 570.147

## 15.3 Recurring Budget

**Table 15.5:** Establishment Charges

	<b>PARTICULARS</b>	Approved Budget (2017-18)	Expenditures (2017-18)	Approved Budget (2016-17)	Expenditures (2016-017)
A	<b>ESTABLISHMENT CHARGES</b>				
1	Faculty Salary	Rs. 215.258	Rs. 133.726	Rs. 175.863	Rs. 135.286
2	TTS Faculty Salary/ Gratuity	Rs. 0.000	Rs. 8.453	Rs. 0.000	Rs. 10.412
3	Salary of Officers & Staff - Teaching Departments	Rs. 17.022	Rs. 12.236	Rs. 11.900	Rs. 10.687
4	Salary of Officers & staff - Non-Teaching	Rs. 133.861	Rs. 103.375	Rs. 102.894	Rs. 98.632
5	Other Establishment Charges / IPFP Staff Salaries	Rs. 11.200	Rs. 8.349	Rs. 9.343	Rs. 1.004
	<b>Total</b>	Rs. 377.341	Rs. 266.140	Rs. 300.000	Rs. 256.021

**Table 15.6:** Non-Salary Expenditures

	Particulars	Approved Budget (2017-18)	Expenditures (2017-18)	Approved Budget (2016-17)	Expenditures (2016-17)
B	<b>NON-SALARY EXPENDITURE</b>				
1	Fee	Rs. 0.125	Rs. 1.282	Rs. 0.525	Rs. 0.725
2	Communication	Rs. 6.715	Rs. 7.309	Rs. 4.130	Rs. 6.422
3	Utilities	Rs. 8.050	Rs. 8.368	Rs. 7.150	Rs. 7.362
4	Occupancy Costs	Rs. 6.000	Rs. 2.406	Rs. 18.500	Rs. 6.013
5	Operating Leases	Rs. 0.000	Rs. 0.000	Rs. 0.000	Rs. 0.000
6	Motor Vehicles	Rs. 0.500	Rs. 0.067	Rs. 0.200	Rs. 0.442
7	Consultancy & Contractual Works	Rs. 0.300	Rs. 0.030	Rs. 0.300	Rs. 0.000

8	Travel & Transportation	Rs. 11.500	Rs. 8.799	Rs. 12.150	Rs. 6.554
9	General Operating Expenses	Rs. 43.100	Rs. 25.454	Rs. 61.050	Rs. 22.653
10	Employees Retirement Benefits	Rs. 5.000	Rs. 1.687	Rs. 3.000	Rs. 0.000
11	Repairs & Maintenance	Rs. 9.075	Rs. 4.374	Rs. 17.350	Rs. 10.495
12	Feasibility Studies	Rs. 0.000	Rs. 0.000	Rs. 1.400	Rs. 0.000
13	Research Surveys & Exploratory Operations	Rs. 0.700	Rs. 0.005	Rs. 0.750	Rs. 0.035
14	Financial Assistants/Scholarships	Rs. 11.210	Rs. 11.010	Rs. 6.500	Rs. 11.012
15	Technical Assistance	Rs. 0.000	Rs. 0.000	Rs. 0.000	Rs. 0.000
16	Entertainment and Gifts	Rs. 1.200	Rs. 0.457	Rs. 1.800	Rs. 0.707
17	Other Transfer Payments	Rs. 51.500	Rs. 49.223	Rs. 45.000	Rs. 42.833
18	Advances to Employees	Rs. 0.000	Rs. 0.000	Rs. 0.000	Rs. 0.000
19	Expenditures on Acquiring of Physical Assets	Rs. 14.000	Rs. 7.582	Rs. 15.450	Rs. 10.849
20	Civil Works Buildings & Structure	Rs. 23.000	Rs. 6.251	Rs. 24.000	Rs. 21.725
<b>Total Non- Salary Expenditures</b>		Rs. 191.975	Rs. 134.303	Rs. 219.255	Rs. 147.827
<b>Total Budget &amp; Expenses</b>		Rs. 569.316	Rs. 400.443	Rs. 519.255	Rs. 403.847

## 15.4 Self-Generated Income

Our area is the backward/ scattered area with less population as compared to other hilly areas but still considerable increase in our own generated income was achieved. In the year 2014-15, it was Rs 98.532 million which went up to Rs 137.695 million in 2017-18. A part from 10% annual increase in students admissions /exam fee structure, new attractive programs at BS/MA/MSc and M-Phil has been started to optimize the utilization of available human resources (particularly the faculty/infrastructure) and to increase revenues. In this way we are providing quality education with comparatively low cost and increasing our income as well.

We are in the process of generating further revenue from our own resources like self-constructed shops/markets etc, by now it is meagre amount which will be improved in coming years. In the year 2016-17, our Booni sub-campus closed, due to which some decrease in the University total students happened. However, the major was due to the establishment of University of Chitral in July, 2017, as our around 450 students in the SBBU Sub-Campus Chitral shifted to that University. Due to concerted efforts, we achieved considerable increase in students at least to

keep our revenues at the same level as was for the year 2016-17, there was a decrease of only 2% in 2017-18. For the year 2018-19, we expect enrollment of around 2600 students with an increase of 22% in revenue i.e. Rs. 175.609 million.

## 15.5 Per Student Spending

**Table 15.7:** Trend of Per Student Spending

Particulars	2015-16	2016-17	2017-18
Students Enrollment	1897	1791	1909
Annual Expenditure Rs in Million	Rs. 327.849	Rs. 403.873	Rs. 440.443
Per Student Spending (In Million)	Rs 0.173	Rs. 0.225	Rs. 0.231

In the year 2016-17, the Booni sub-campus closed and in the year 2017-18, our Chitral campus was taken over by the University of Chitral. However, we have to keep the Faculty/Administrative staff at the same level (only few faculty/administrative staff relating to Chitral area shifted to the University of Chitral), due to that our cost per student is on increase as very much visible from above table.

## 15.6 Balance Sheet (As On 30 June,2018)

**Table 15.8:** Balance Sheet

ASSETS	FY 2017-18 Amount ( In Million)	FY 2016-17 Amount ( In Million)
Property And Assets		
Fixed Assets (Land & Building)	Rs. 559.094	Rs. 543.193
Other Fixed Assets	Rs. 232.570	Rs. 196.668
Work in Progress Buildings	Rs. 263.067	Rs. 160.793
Current Assets		
Stocks (Chemical ,Glass wares & Live Stocks)	Rs. 26.000	Rs. 25.000
Investments-pension Funds	Rs. 153.636	Rs. 106.000
Revolving Fund	Rs. 6.082	Rs. 3.082
Bank Balance	Rs. 279.652	Rs. 322.564
<b>TOTAL ASSETS</b>	<b>Rs. 1,520.101</b>	<b>Rs. 1,357.300</b>
<b>FUNDS AND LIBILITIES</b>		
Funds		
Fund Account-Pension	Rs. 153.636	Rs. 106.000
Grants Captilized/ Current Accumulated Balances		
Provincial Govt	Rs. 154.000	Rs. 154.000
Projects(HEC)	Rs. 1,035.775	Rs. 938.821
Universities /Institutes/Centers(Recurring)	Rs. 156.867	Rs. 139.656
Current Recurring Portion	Rs. 19.823	Rs. 18.823
<b>TOTAL FUNDS &amp; LIABILITIES</b>	<b>Rs. 1,520.101</b>	<b>Rs. 1,357.300</b>

## CHAPTER 16

### FUNDS GENERATION/DEVELOPMENT

The generation of resources is very important for the Sustainable development of University. The University must concentrate on raising their revenues. SBBU has been active in making serious efforts to reduce its expenditures and increase the revenues for the development of University. As per HEC directives Office of Research, Innovation and Commercialization (ORIC) has been established at SBBU.

#### 16.1 University ORIC Staff

**Table 16.1:** ORIC Staff

S.No	Name	Designation
1	Dr. Abdul Khaliq Jan	Director ORIC
2	Dr. Farman Ali	Additional Director ORIC
3	Dr. Sher Wali Khan	Manager Research Operation
4	Dr. Muhammad Tariq	Manager Research Development
5	Mr. Ikram Ullah	Research Associate
6	Mr. Intikhab Ullah	Office Assistant
7	Mr. Ismail Khan	Office Boy



## **16.2 Initiatives and Implementation**

The University fully realized the importance of taking initiatives and implementing them for resource generation and development. The University has been active in making serious efforts to reduce its expenditures and increase the revenues for the development of University. These are highlighted here.

### **16.2.1 Students Aid Office at SBBU (Scholarships Program)**

SBBU firmly believes in the promotion of the opportunities specifically for young, for young, talented and needy students to be able to pursue higher education at the post-graduate level. The University has established its Students Financial Aid office under the umbrella of Quality Enhancement Cell (QEC). This office mainly has the responsibility of scholarships execution, fund raising established public private linkages, providing students internships along with co-operative education program and developing alumni engagement program. To support SFAO Office dedicated fund are allocated in the recurring grant of the University.

Among other scholarships, the HEC- Funded Need Based Scholarships is particularly designed for the needy students to pursue their BS or MA/MSc degree at SBBU. The scheme has been initiated at SBBU in 2012-13 in response to the identified need of young students in the country who are deprived of the resources and opportunities to pursue and continue their education and as a consequence to enable them to contribute positively to their community and society.

### **16.2.2 Students Scholarships**

SBBU currently offers the following scholarship to its students:

1. MORA Scholarships
2. Pakistan Bait-UI-Mal (PBM)
3. HEC Need Based Scholarship
4. French Need Based Scholarship
5. FATA Scholarship (FATA Students)
6. Scholarships from the Students Endowment Fund of the University

### **16.2.3 Dairy Farm**

Alongside the Poultry and Quail farm the University has also established a dairy farm. The capacity of Cows in dairy farm is 20, which on daily basis produce fresh milk up to 100 liters the farm also generate income for the University and also used for experimental purpose for the students of Zoology, Animal Science and others departments. In future, SBBU plans to expend this farm to a commercial level as well.

### **16.2.4 Students Endowment Fund (SEF)**

SBBU have established students Endowment Fund (SEF). University employees contributed Rs. 0.2 Million in initial stage. Overall, SFAO was also established for the benefits of the students of the University under the direction of PEF Foundation US Inc. The foundation has promised to provide funding (worth one Million) and guidelines to SBBU SFAO.

### **16.2.5 University Guest House**

The newly built guest house at SBBU, apart from fulfilling the need of the University can also benefit the University in term of resource generation.

## **16.3 Future Planes**

As per government instruction, the University required to increase their own sources and minimize dependency on government funding. To maximize our own sources, we have the following future planes:

1. The Poultry, Quail and Dairy Farm which will be further extended to a larger level.
2. Trout fish hatchery to be constructed at Kumrat in near future.
3. As we have raw material of sand, stone etc., so a crush plant will be established to utilize the available raw materials for commercial as well as our own purposes

Solid Linkage with industry is required to stay connected with the current trends. Keeping the importance of this, faculty are advised to make relationship with business entrepreneurs and industrialist in order to know the most recent necessities of the business, issues looked by them and devise procedure to address these issues. Industrial Linkages with academic institutions play an important role in transformation of theoretical knowledge into practical experience and research into potential products that directly drives socioeconomic development.

The Shaheed Benazir Bhutto University, Sheringal accepts the importance of such linkages and thus participates regularly in science and technology exhibitions around the country and invites business leaders, industrialists and community leaders to its premises. Solid relationship between industries and the university is very important to create a solid base for R&D activities.

### **17.1 University-Industry Liaison**

Science and technology development in university can only be made public by sharing information and promoting the industrial linkage. Shaheed Benazir Bhutto University, Sheringal started making academia-industry liaison in areas of Forest, Ecological Resources, Biotechnology, Pharmaceutical and Information Technology.

## 17.2 Industry Liaison Areas

Shaheed Benazir Bhutto University focused on the following main areas for University-industry liaison.

- Agriculture
- Medicinal Plants
- Geology
- Hotel and Tourism
- Software Houses
- Poultry Farming
- Dairy Farming
- Fisheries

## CHAPTER 18

## RECRUITMENT AND PROMOTION

### 18.1 Recruitment

Meetings of the Selection Board of Shaheed Benazir Bhutto University, Sheringal have not been held from 2016, no recruitment are done through Selection Board. Consequent upon the recommendations of the Selection Committee engage the following as lecturers, purely on visiting basis.

S#	Name	Father Name	Department	Campus
01	Mr. Sana Ullah	Sami Ullah	Social Work	Wari Campus
02	Mr. Muhammad Fayaz	Adil Khan	English	Wari Campus
03	Mr. Raqeeb Ullah	Awal Khan	Zoology	Main Campus
04	Mr. M Anwar Saleem Khan	Bahramand Khan	Zoology	Wari Campus
05	Ms. Tabinda Rauf	Abdur Rauf	Zoology	Wari Campus
06	Mr. Shah Wali Khan	Fazal Rehman	Botany	Wari Campus
07	Mr. Zahoor ul Haq	Sardar ul Haq	Botany	Wari Campus
08	Mr. Badshah Khan	Sultan Khan	Botany	Main Campus
09	Mr. Abdul Salam	Khair Muhammad	Botany	Main Campus
10	Mr. Sajjad Hussain	Bahadar Hussain	Computer Science	Main Campus
11	Mr. Abdul Wahid	Hazrat Hussain	Statistics	Main Campus

## 18.2 Promotion

**Table 18.1:** List of Computer Operators Promoted During FY 2018-19

<b>S.No</b>	<b>Name</b>	<b>Designation</b>	<b>Promoted From</b>	<b>Promoted To</b>
1	Nasir Khan	Computer Operator	BPS-12	BPS-16
2	Hassan Zaib	Computer Operator	BPS-12	BPS-16
3	Mustafa Kamal	Computer Operator	BPS-12	BPS-16
4	Ajmal Khan	Computer Operator	BPS-12	BPS-16
5	Zahoor Ahmad	Computer Operator	BPS-12	BPS-16
7	Irfan Ullah	Computer Operator	BPS-12	BPS-16
8	Ihsan Ul Haq	Computer Operator	BPS-12	BPS-16
9	Wasim Sajjad	Computer Operator	BPS-12	BPS-16

## CHAPTER 19

### MEETING OF AUTHORITIES AND STATUTORY BODIES

Shaheed Benazir Bhutto University, Sheringal, Dir Upper is governed under the Regulation 2009. The University Regulation 2009 authorized the University to establish certain authorities to supervise the matters of the University for its smooth functioning. Each of these authorities of the University is briefly introduced here with its key functions and powers:

#### 19.1 Meeting of the Senate in 2018-19

- 6th Meeting held on 25 March, 2019

#### 19.2 Member of the Senate

1. Governor KP (Chairman)
2. Vice Chancellor SBBU
3. Secretary HED or his nominee
4. Secretary Finance or his nominee
5. Secretary Establishment or his nominee
6. Prof. Dr. Johar Ali (nominee of HEC)
7. Prof. Dr. Mushtaq Ahmad

8. Prof. Dr. Sahib Islam
9. Engr. Muhammad Uzair Khan
10. Mr. Farman Ullah Anjum
11. Dr. Nasir Mehmood
12. Director QEC

### **19.3 Meeting of the Syndicate in 2018-19**

- 16th Meeting of Syndicate held on 25 March, 2018
- 17th Meeting of Syndicate held on 27 April, 2019

### **19.4 Member of the Syndicate**

1. Vice Chancellor
2. Secretary HED or his nominee
3. Prof. Dr. Jehandar Shah
4. Prof. Dr. Farhat Ullah
5. Registrar (Member/Secretary)
6. Director Finance
7. Controller of Examination
8. Director QEC
9. Principal UPS & College for Boys
10. Principal UPS & College for Girls
11. Mr. Shahzad Khan (Assistant Professor)
12. Mr. Aatif Shah (Lecturer)
13. Principal, Government Degree College , Dir Upper
14. Principal, Hira Model College , Drush, Chitral



## **19.5 Meeting of the Selection Board in 2018-19**

Shaheed BB University Selection Board meeting are not conducted in 2018-19.

## **19.6 Members of the Selection Board**

1. Vice Chancellor SBBU (Chairman)
2. Vice Chancellor University of Malakand, nominee of Governor KP
3. Nominee of Syndicate
4. Mr. Manzoor Ul Haq, nominee of Public Service Commission KP
5. Two Subject Experts

## **19.7 Meeting of the Academic Council in 2018-19**

- 4th Meeting of Academic Council held on 25 March, 2018

## **19.8 Members of the Academic Council**

1. Vice Chancellor
2. Registrar
3. Director QEC
4. All HoDs of Teaching Departments
5. Four University Teachers
6. Principal UPS & College for Boys
7. Principal UPS & College for Girls
8. Two Principal of the Affiliated Colleges
9. Librarian

## **19.9 Meeting of the ASRB in 2018-19**

- 4th Meeting of ASRB held on 25 March, 2018

## **19.10 Members of the ASRB**

1. Vice Chancellor SBBU
2. Registrar
3. Director QEC
4. Dr. Midrar Ullah
5. Dr. Sami Ul Haq
6. Dr. Riaz Ahmad
7. Dr. Zameen Gul ( Associate Professor Mathematics, Dir College)
8. Mr. Jalandar Shah (Associate Professor, Botany Degree College Wari)
9. Dr. Zaheer Ahmad (Assistant Prof, Chemistry Degree College Wari)
10. Principal Constituent College

## **19.11 Meeting of the F & PC in 2018-19**

- 11th Meeting of F & PC June 20, 2018
- 12th Meeting of F & PC April 26, 2019

## **19.12 Members of the F & PC**

1. Vice Chancellor SBBU
2. Secretary HED or his nominee
3. Secretary Finance or his nominee
4. HEC nominee

5. Syndicate nominee
6. Registrar
7. Director Finance
8. Director QEC
9. Nominee of Academic Council
10. Principal Constituent College (Nominee of Academic Council)

SBBU faculties and students provide a variety of activities on and off campus. The Departments of SBBU regularly organizes or participates in outreach activities in order to make science accessible to all.

### **20.1 Various National and International Days Celebration**

In order to promote awareness of and action on important political, social, cultural, humanitarian or human rights issues, every year SBBU celebrates National and International Days. The basic and fundamental aim of celebration of these days is to provide a useful means for the promotion of international and national action and to unite people, across the world.

### **20.2 Dengue Awareness Walk**

Department of Pharmacy organized Dengue Awareness Walk on July 4, 2018 in SBBU. The walk headed by Dr. Shujaat Ahmad, Head Department of Pharmacy. The Participants includes Assistant Commissioner Sheringal Mr. Ali Raza, Registrar SBBU Mr. Badshah Hussain, Faculty and Students of SBBU. The event was organized in collaboration with Health Department Upper Dir.

### **20.3 Awareness Campaign**

Department of Pharmacy, SBBU celebrated World Thalassemia Day on Jul 8, 2018 in order to improve the Awareness about thalassemia & its management. The walk headed by Dr. Shujaat Ahmad, Head Department of Pharmacy. The Participants includes Registrar SBBU, Mr. Badshah Hussain, Director Academics, Dr. Midrar Ullah, Faculty and Students of SBBU.

### **20.4 Outreach Activities**

- Department of Management Science has organized Waste Collection & Disposal activity at Thal, Kumrat (Oct, 27 2018).
- Department of Management Science has organized Health & Hygiene Awareness activity at Thal, Kumrat (Oct, 28 2018)

### **20.5 Alumni Affairs: Outstanding Achievements**

The University plans to set aside adequate resources for students placement and maintaining relationship with her alumni.

## CHAPTER 21

### PROGRESS ACHIEVED FROM FOREIGN TOURS

The following faculty of Shaheed Benazir Bhutto University, visit other countries to participate in conferences and present papers. Details are given below:

**Table 21.1:** Faculty Foreign Tours

<b>S.No</b>	<b>Name of Faculty</b>	<b>University/ Country</b>	<b>Sponsored By</b>	<b>Purpose</b>
1	Dr.Muhammad Wajid Raza	Warsaw Pollond	VUB, Belgum	Conference Participation
2	Dr. Akhtar Aman	United Kingdom	China	Conference Participation
3	Dr. Sami Ullah	China	Chinese Academy of Science	Conference Participation
4	Mr. Numan Khan	Thailand	BIOPAT(Germany)	Conference Participation
5	Dr. Muhammad Asif Nawaz	Malaysia	HEC	Conference Participation
6	Dr. Hasib Khan	China	China	Post Doctorate

## CHAPTER 22

## LITIGATION

The Registrar and Legal Advisor of the University is looking after court cases pertaining to the University. Presently, the University are 40 cases of different nature majority of them is the service nature being pursued by the Registrar and Legal Advisor of the university in different courts.

Renowned lawyers have been hired and cases are pursued Properly. Following are the litigation cases in various courts of the country litigated and attended by the legal advisor and legal counsels hired by the University.

### 22.1 Dar Ul Qaza Swat (Against the University)

S.No	Case Title	Advocate/Counsel	Nature of Case
1	Mst Hassen Saher and other	Dr Adnan Khan	COC
2	M.Tariq and others VS SBBU	Dr Adnan Khan	Contract
3	Syed Ur Rahman VS SBBU	Dr Adnan Khan	Exam Issue
4	M.Riaz VS SBBU	Dr Adnan Khan	Service matter
5	Waqis Fasil VS SBBU	Dr Adnan Khan	Comments
6	Ziaullah VS SBBU	Dr Adnan Khan	Service matter
7	Badshah Hussain VS SBBU	M Yar Maliza	Service matter

## 22.2 Peshawar High Court (Against the University)

**Table 22.1:** Peshawar High Court Cases

S.No	Case Title	Advocate/Counsel	Nature of Case
1	Sher Ali VS Govt	Dr Adnan Khan	Service matter
2	Imran & 11 others VS SBBU	Dr Adnan Khan	Service matter
3	Abdullah VS Govt	Dr Adnan Khan	Service matter
4	Ms National RCC works	Junid Zaman Adv	Boys Hostel
5	Inayat Ullah VS Govt	Dr Adnan Khan	Service matter
6	Liaqat Ali Khan VS Govt	Dr Adnan Khan	Service matter
7	Aftab Ahmad VS Govt	Dr Adnan Khan	Service matter
8	Inam Ullah VS Govt	Dr Adnan Khan	Service matter
9	Junaid Iqbal VS Govt	Dr Adnan Khan	Service matter
10	Asif Khan VS Govt	Dr Adnan Khan	Service matter
11	Muhammad Imran VS Govt	Dr Adnan Khan	Service matter
12	Sana Ullah VS Govt	Dr Adnan Khan	Service matter
13	Navid Ullah VS Govt	Dr Adnan Khan	Service matter
14	Muhammad Ayaz VS Govt	Dr Adnan Khan	Service matter
15	Izhar Ul Haq VS Govt	Dr Adnan Khan	Service matter
16	Hamad Azam VS Govt	Dr Adnan Khan	Service matter
17	Sher Ali VS Govt	Dr Adnan Khan	CoC

## 22.3 Supreme Court of Pakistan (By the University)

S.Np	Case Title	Counsel/ Advocate	Nature of Case
1	Registrar SBBU VS Ibrahim Jan & Others	Syed Ali Shah	CPL