

ANNUAL REPORT

2019-2020

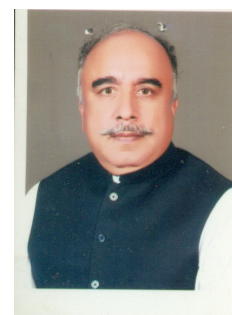


SHAHEED BENAZIR BHUTTO UNIVERSITY
SHERINGAL, DIR UPPER

JUNE, 2020

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 2019-20 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 2019-20.



Despite the infrastructural and financial challenges, the year ended with many achievements to claim. The University got enrolled 1039 students in 2019-20. Alongside the academic achievements of the University, SBBU secured EHSAS UG Scholarship in addition to Pakistan Bait Ul Mal, 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)

EXECUTIVE SUMMARY

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: 20

3. Programs:

- BS(Hons): 18
- MA/M.Sc: 10
- MS/MPhil: 10
- Ph.D: 04

4. Faculty:

- PhD: 49
- MS/Master: 99

5. Students:

- Undergraduates: 2508
- Graduates/Postgraduate: 934

6. Anthropological Museum Maintained at Jandri Kumrat

7. Resource Center for Forestry and Biological Sciences at Kumrat

8. Well Established Student Financial Aid Office:

S.No	Name of Scholarship	Scholarship Awarded in 2019-20	Overall Scholarship Awarded
1	HEC Need Based Scholarship	49	295
2	HEC-French Scholarships	20	53
3	Zakat Mora Scholarships	57	530
4	FATA Students Scholarships	26	64
5	Pakistan Bait Ul Mal	50	50
6	EHSAAS UG Scholarship	221	221
Total		423	1213

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.

Mr. Badshah Hussain

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 3442 students and 148 faculty members (with 49 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 under the SFAO Office. 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:

Quality Enhancement Cell

Shaheed Benazir Bhutto University, Sheringal, Upper Dir KP-Pakistan

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LIST OF ABBREVIATIONS

ARSB	Advanced Studies & Research Board
BHU	Basic Health Unit
FPDP	Faculty Professional Development Program
F&PC	Finance & Planning Committee
GH	Guest House
FDP	Faculty Development Program
HEC	Higher Education Commission of Pakistan
HUC	Himalayan University Consortium
ICIMOD	International Center for Integrated Mountain Development
KRA	Key Result Area
LID	Learning Innovation Division
NAHE	National Academy of Higher Education
NBSP	Need Based Scholarship Program
NCE	National Committee on English
ORIC	Office of Research Innovation & Commercialization
PBM	Pakistan Bait-ul-Mal

QAA	Quality Assurance Agency
QEC	Quality Enhancement Cell
RBC	Research Based Commercialization
R&D	Research and Development
SBBU	Shaheed Benazir Bhutto University
SEF	Student Endowment Fund
SFAO	Student Financial Aid Office
ISO	International Strategic Office
UDC	University Discipline Committee
URC	University Research Center
VC	Vice Chancellor

CHAPTER 1

UNIVERSITY GOVERNANCE

Shaheed BB University, Sheringal, after the promulgation of Khyber Pakhtunkhwa Universities (Second Amendment) ACT 2020. Re-framed its Statutes 2020 and shall be placed before the relevant statutory bodies of the University for approval. The Universities (Second Amendment) ACT, 2020 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 Authorities Established by Act

Constitution, Functions and Powers of Authorities of the Khyber Pakhtunkhwa Universities (Second Amendment) ACT, 2020. The following shall be the Authorities of the University established by this Act

- i. Senate
- ii. Syndicate
- iii. Academic Council

1.2 Senate

The Senate is the highest statutory body of the University and has the power of general supervision over the University. The Senate has all powers of the University not

expressly vested in an Authority or Officer by University Model Act and all other powers not expressly mentioned in the Act that are necessary for the performance of its functions.

1. The Senate of the University shall consist of the following:
 - a. The Chancellor who shall be the Chairperson of the Senate
 - b. The Pro-Chancellor
 - c. The Vice-Chancellor
 - d. One member of the Provincial Assembly of the Khyber Pakhtunkhwa to be nominated by the Speaker of the said Assembly
 - e. A retired judge to be nominated by Chief Justice of Peshawar High Court
 - f. Secretary of the relevant Administrative Department of Government or his nominee not below the rank of an Additional Secretary
 - g. The Secretary to Government, Higher Education Department, or his nominee not below the rank of an Additional Secretary
 - h. The Secretary to Government, Finance Department, or his nominee not below the rank of an Additional Secretary;
 - i. The Secretary to Government, Establishment Department, or his nominee not below the rank of an Additional Secretary
 - j. The Chairman, Higher Education Commission or his nominee not below the rank of Director General
 - k. One eminent or distinguished graduates of the University who are not its employees to be nominated by the Chancellor
 - l. Two persons from the academic community of the Province of the Khyber Pakhtunkhwa or the country, other than an employee of the University, at the level of professor or Principal, to be appointed by the Chancellor
 - m. Four University Teachers, including one Professor, one Associate Professor, one Assistant Professor and one Lecturer to be elected by teachers of their respective cadres from amongst themselves
 - n. Four persons from society at large being persons of distinction in the fields of administration, management, education, academics, law, accountancy, medicine, fine arts, architecture, industry, agriculture, science, technology and engineering with a view to create diversity and balance across the various fields, to be nominated by the Chancellor

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- o. One University Administrative Officer to be elected from amongst all the Administrative Officers in the prescribed manner.
 2. Members of the Senate, other than ex-officio members, shall hold office for three years.
 3. The Senate shall meet at least twice in a calendar year.
 4. In the absence of the Chancellor, meetings of the Senate shall be presided over by such member of the Senate other than employee of University, as the Chancellor may, from time to time, nominate. The member so nominated shall be the convener of the Senate
 5. Unless otherwise described by this Act, all decisions of the Senate shall be taken on the basis of the opinion of majority of the members present. In the event of the members being evenly divided on any matter, the person presiding over the meeting shall have a casting vote.
 6. The quorum for a meeting of the Senate shall be two-third of its total members a fraction being counted as one excluding the non-existent categories, wherever applicable.
 7. At least three members for the Senate shall be female.

1.2.1 Powers and Functions of the Senate

1. The Senate shall have the power of general supervision over the University and shall hold the Vice-Chancellor and the Authorities accountable for all the functions of the University. The Senate shall have all powers of the University not expressly vested in an Authority or Officer by this Act and all other powers not expressly mentioned in this Act that are necessary for the performance of its functions.
2. Without prejudice to the generality of the foregoing powers, the Senate shall have the powers to
 - (a) Institute schemes, directions and guidelines for the terms and conditions of appointment of all Officers, Teachers and other employees of the University
 - (b) Council, other than ex-officio members, in accordance with the provision of this Act.

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- (c) Approve the proposed annual plan of work, including key performance indicators to be set up by the University, the annual and revised budgets, the annual report and the annual statement of account.
 - (d) Review the quality and relevance of the Universitys academic programmes and to review the academic affairs of the University in general.
 - (e) Approve strategic plans
 - (f) Approve financial resource development plans of the University
 - (g) Consider the drafts of Statutes proposed by the Syndicate and deal with them in the manner as provided for in section 28; Provided that the Senate may frame a Statutes or Regulations on its own initiative and approve it after calling for the advice of the Syndicate or the Academic Council, as the case may be.
 - (h) Recommend To the Chancellor removal of any member of the Senate in accordance with the provisions of this Act.
 - (i) appoint Emeritus Professors and Meritorious Professors on such terms and conditions as may be prescribed.
 - (j) To recommend to the Chancellor removal of any person, except the Vice-Chancellor, from the membership of any Authority, if such person-
 - i. Has become of unsound mind; or
 - ii. Has become incapacitated to function as member of such Authority; or
 - iii. Has been convicted by a court of law for an offence involving moral turpitude; and
 - iv. Has been proven guilty of misconduct under the Statutes made for ensuring efficiency and discipline in the University.
 - (k) Annul by order in writing the proceedings of any Authority or officer, if the Senate is satisfied that such proceedings are not in accordance with the provisions of this Act, Statutes or Regulations, after calling upon such Authority or officer to show cause why such proceedings should not be annulled
 - (l) Suspend, punish and remove from service Deans and teachers of the University in BPS-22 in a manner as may be prescribed by Statutes; and
 - (m) To determine the form, provide for the custody and regulate the use of the common seal of the University.
3. The Senate may, subject to the provisions of this Act, delegate all or any of its powers and functions, to any Authority, committee, Officer at its additional campus, if any,

for the purpose of exercising such powers and performing such functions in relation to such peripheral campuses, and for this purpose the Senate may create new posts or positions at the peripheral campuses

1.3 Syndicate

The Syndicate is the executive body of the University, subject to the provisions of the Act and Statutes, exercise general supervision over the affairs and Governance of the University.

1. The Syndicate of the University shall consist of the following:
 - a. The Vice-Chancellor, who shall be its Chairperson;
 - b. A retired judge to be nominated by Chief Justice of Peshawar High Court.
 - c. All the Deans of the faculties of the University.
 - d. Secretary of the relevant administrative Department or his nominee not below the rank of an Additional Secretary.
 - e. The Secretary to Government, Higher Education Department, or his nominee not below the rank of a Deputy Secretary.
 - f. The Secretary to Government, Establishment Department, or his nominee not below the rank of Additional Secretary.
 - g. The Secretary to Government, Finance Department, or his nominee not below the rank of Additional Secretary
 - h. Two Principals (preferably one male and one female) of affiliated colleges to be nominated by the Academic Council.
 - i. One Professor, one Associate Professor, one Assistant Professor and one Lecturer of the University to be elected by teachers of their respective cadres in the manner as may be prescribed by Statutes.
 - j. One Principal or Chairman or Director of the Teaching Department or Institute or Centre to be elected from amongst themselves in accordance with the prescribed Statutes.
 - k. One administrative officer to be elected from amongst themselves in a manner as may be prescribed by Statutes
 - l. Registrar

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- m. Treasurer
 - n. One nominee of the Commission not below the rank of an advisor or member.
 - o. One person of eminence to be nominated by the Chancellor.
 - p. Two University Administrative Officers to be elected from amongst all the Administrative Officers in the prescribed manner
2. The members of the Syndicate, other than ex-officio members, shall hold office for three years.
 3. The quorum for a meeting of the Syndicate shall be two-third of its total members a fraction being counted as one excluding the vacant categories, wherever applicable
 4. At least three members of the Syndicate shall be female, The Syndicate shall meet at least once in each quarter of the year.

1.3.1 Powers and Functions of the Syndicate

1. The Syndicate shall be the executive body of the University and shall, subject to the provisions of this Act and the Statutes, exercise general supervision over the affairs and management of the University.
2. Without prejudice to the generality of the foregoing powers, and subject to the provisions of this Act, the Statutes, the Syndicate shall have the powers to-
 - (a) Consider the annual report, the annual plan of work including key performance indicators to be set up by the University, the statements of Accounts, the annual and revised budget estimates and to submit these to the Senate.
 - (b) Hold, control and lay down policy for the administration of the property, funds and investments of the University, including the approval of the sale and purchase or acquisition of movable and immovable property.
 - (c) Transfer and accept transfer of movable and immovable property on behalf of the University.
 - (d) Enter into, vary, carry out and cancel contracts on behalf of the University.
 - (e) 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.
 - (f) Invest any money belonging to the University including any unapplied income in any of the securities described in section 20 of the Trusts Act, 1882 (Act II

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- of 1882), or in the purchase of immovable property or in such other manner, as it may prescribe, with the like power of varying such investments;
- (g) Receive and manage any property transferred, and grants, bequests, trust, gifts, donations, endowments, and other contributions made to the University;
 - (h) Administer any funds placed at the disposal of the University for specified purposes;
 - (i) Provide the buildings, libraries, premises, furniture, apparatus, equipment and other means required for carrying out the affairs of the University;
 - (j) Establish and maintain halls of residence and hostels, as far as possible;
 - (k) Affiliate or disaffiliate educational institutions;
 - (l) Arrange for the inspection of colleges, institutions and the Teaching Departments;
 - (m) Institute Professorships, Associate Professorships, Assistant Professorships, Lecturer ships, and other teaching posts or to suspend or abolish such posts;
 - (n) Subject to this Act, appoint Teachers, officers and other employees on the recommendation of the Selection Board in BPS-17 and above in accordance with the prescribed Statutes;
 - (o) Suspend, punish, remove and dismiss from service, the Officers and Teachers of the University in Basic Pay Scale 17 to 21 in accordance with the prescribed Statutes;
 - (p) Promote the officers of the administrative cadre to the next higher scale on such terms and conditions in accordance with the prescribed statutes;
 - (q) Create, suspend or abolish such administrative or other posts as may be necessary;
 - (r) Prescribe powers and duties of officers, teachers and other employees of the university;
 - (s) Report to the Senate on matters with respect to which it has been asked to report;
 - (t) Propose drafts of Statutes for submission to the Senate;
 - (u) Regulate the conduct and discipline of the students of the University;
 - (v) Take actions necessary for the good administration of the University in general and to this end exercise such powers as are necessary;

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- (w) Delegate any of its powers to any Authority or Officer or a committee;
 - (x) Prescribe conditions under which the University may enter into agreements with other institutions for with public bodies for purposes of research and advisory services; and
 - (y) Perform such other functions as have been assigned to it by the provisions of this Act or the Statutes made there under.

1.4 Academic Council

Academic Council is the principal academic body of the University, subject to provisions of the Model ACT 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.

1. The Academic Council of the University shall consist of the following:
 - a. The Vice-Chancellor who shall be its Chairperson;
 - b. The Chairpersons of Teaching Departments or Directors of academic institutes/units;
 - c. The Deans;
 - d. All Professors including Emeritus and Meritorious Professors;
 - e. Six university teachers including two Associate Professors, two Assistant Professors and two lecturers to be elected from amongst themselves in the manner prescribed by Statutes;
 - f. Two Principals, preferably one female, of affiliated colleges, one each from public and private sector, to be nominated by the relevant administrative Secretary of the Government department;
 - g. One Principal of the constituent college, to be nominated by the Senate;
 - h. The Director Admissions;
 - i. The Controller of Examinations; and
 - j. The Registrar, who shall be its member-cum-secretary.
2. Members of the Academic Council, other than ex-officio, shall hold office for three years.

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3. The Academic Council shall meet at least once in six months.
 4. The quorum for meetings of the Academic Council shall be one-half of the total number of members, a fraction being counted as one.

1.4.1 Powers and Duties of the Academic Council

1. The Academic Council shall be the principal academic body of the University and shall, subject to the provisions of this Act and the Statutes, have the powers to lay down proper standards of instruction, research and examinations and to regulate and promote the academic life of the University, colleges and institutions.
2. Without prejudice to the generality of the foregoing powers, and subject to the provisions of this Act and the Statutes, the Academic Council shall have the powers to-
 - (a) Advise the Syndicate on academic matters;
 - (b) To regulate and lay down standards for the conduct of teaching, research, examinations and students discipline;
 - (c) Propose to the Syndicate schemes for the constitution and organization of Faculties, Teaching Departments and Boards of Studies;
 - (d) Institute programmes for the continued professional development of University Teachers at all levels;
 - (e) Recognize the examinations of other universities or examining bodies as equivalent to the corresponding examinations of the University;
 - (f) Regulate the award of studentships, scholarships, exhibitions, medals and prizes;
 - (g) Make Regulations on the recommendations of the Board of Faculties, Advance Studies and Research Board and the Board of Studies, prescribing the schemes of studies, the syllabi and mode of examinations: Provided that if the recommendations of the Board of a Faculties or Board of Studies or Advanced Studies and Research Board are not received by the prescribed date, the Academic Council may, subject to the approval of the Syndicate, permit the existing Regulations to continue for the following year;
 - (h) Prepare an annual report on the academic performance of the University.
 - (i) Appoint member to various authorities in accordance with the provisions of this Act; and
 - (j) Perform such other functions as may be prescribed by Regulations.

1.5 Authorities Established by the Statutes

Additionally, the following authorities have been established as enshrined in the Universities Act to manage appropriately matters concerning the University academics, finances, students affairs, efficiency and discipline, merit-based faculty and other staff selection.

- i. Board of Faculties
- ii. Board of Studies
- iii. Selection Board
- iv. Advanced Studies and Research Board
- v. Finance and Planning Committee
- vi. Affiliation Committee
- vii. University Discipline Committee

1.6 Board of Faculties

Functions of the Board of Faculties include: to coordinate teaching and research work in the subjects assigned to the faculties and to scrutinise the recommendation of the Board of Studies for further reporting to the Academic Council.

1. There shall be a Board of each Faculty, which shall consist of the following:
 - i. The Dean of the concerned faculty who shall be the convener
 - ii. All Chairpersons of the Teaching Departments, Directors of the Institutes/ constituents Centers, Principals of constituents colleges of the concerned Faculty
 - iii. Professors of each Department of the concerned Faculty
 - iv. Two members of each Board of Studies; comprised in the Faculty to be nominated by the Board of Studies
 - v. Three teachers to be nominated by the Academic Council by reason of their specialized knowledge on the subject which though not assigned to the Faculty have, in its opinion, important bearing of the subjects assigned to the Faculty
 - vi. Two subject experts from other universities / organizations to be nominated by the Vice Chancellor

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- vii. Director Academics/admission or nominee not below the rank of Deputy Director Academic
 - viii. Director QEC; and
 - ix. Director, Office of Research Innovation & Commercialization (ORIC)
2. The members, mentioned at sub-clauses, (v) & (vi) shall hold office for three years.
 3. The quorum for a meeting of the Board of a Faculty shall be one-half of the total number of members, a fraction being counted as one, excluding non-existent categories where applicable.

1.6.1 Powers & Functions of the Board of Faculty

The Board of Faculty shall, subject to the general control of the Academic Council and the Syndicate, have the Powers to:

- i. Coordinate teaching, research and publication work in the subjects assigned to the Faculty;
- ii. Scrutinize the recommendations of the Boards of Studies in regard to the scheme of studies, syllabi and courses, offered by various departments in the faculty;
- iii. Recommend appointment of paper setters and examiners;
- iv. Consider any other academic matters relating to report thereon to the Academic Council;
- v. Perform such other functions as may be assigned to it.

1.7 Board Studies

The Board of Studies have advisory role in all academic matters connected with the instructions, research, publications and examination in the subject or subjects concerned. Additionally, to propose curricula and syllabi for all the degrees, diplomas and certificate courses in the subject(s) concerned.

1. There shall be a Board of Studies for each subject or a group of subjects, as may be prescribed by Regulations
2. Each Board of Studies shall consist of:

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- i. The Chairperson or Principal or Director of the Teaching Department/Institute or a constituent college or center as the case may be;
 - ii. Professors and Associate Professors in the Teaching Departments; Provided that if the total number of University Teachers, under sub-clause (i) and (ii) comes to less than five , then the Dean of the faculty concerned shall nominate Assistant Professors or Lecturers of the department, preferably PhD or MS/MPhil to complete the number;
 - iii. Three Teachers from outside the University to be nominated by the Dean of Faculty concerned from the panel presented by the Chairperson concerned. The number will be determined by the Syndicate according to the need of each Board; and
 - iv. Two experts to be nominated by the Dean of Faculty concerned from the panel presented by Chairperson concerned; and
 - v. The Board of Studies may co-opt expert(s) on need. Provided that in case of professional subjects such as Agriculture, Animal Husbandry, Commerce, Dentistry, Education, Engineering, Law, Medicine, Home Economics or any other subjects prescribed by Statutes, which are taught in the constituent colleges, the Board of Studies shall consist of:

The composition of Board of Studies remains the same. Provided further that in the case of professional subjects which are taught in the affiliated colleges only, and not in the University, the Board of Studies shall consist of:

- a. The Principals of the colleges concerned;
- b. Five teachers of the colleges, to be nominated by Vice Chancellor ; and
- c. Two experts to be nominated by the Vice-Chancellor;

Provided also that in the case of such subjects of Humanities and Sciences as are taught in the affiliated colleges only and not in the University, the Board of Studies shall consist of: five teachers from the colleges doing teaching work in the subject to be appointed by the Vice Chancellor; and two experts to be nominated by the Vice-Chancellor

3. The term of office of members of the Board of Studies, other than ex-officio members, shall be three years

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4. The quorum for meetings of the Board of Studies shall be one-half of the total number of members excluding non-existent categories, a fraction being counted as one.
 5. The Chairperson of the University Teaching Department concerned shall be the Chairperson and convener of the Board of Studies. Where in respect of a subject there is no University Teaching Department, the Chairperson shall be appointed by the Syndicate.
 6. The functions of the Board of Studies shall be:
 - a. To advise the Authorities on all academic matters connected with instruction, research and examination in the subject or subjects concerned;
 - b. To propose curricula and syllabi for all degrees, diplomas and certificate courses in the subject or subjects concerned;
 - c. To suggest a panel of names of Paper-Setters and Examiners in the subject or subjects concerned; and
 - d. To perform such other functions as may be prescribed by Regulations.

1.8 Selection Board

The Selection Board is a recommending body with the mandate to consider applications for teaching and administrative posts and recommend the names of suitable candidates for appointment/ promotion to such posts.

1. The Selection Board shall consist of the following:
 - i. The Vice Chancellor who shall be the Chairperson
 - ii. The Dean of the Faculty concerned;
 - iii. The Chairperson of the Teaching Department /Director of the Institute concerned;
 - iv. The Chairman or a member of the Khyber Pakhtunkhwa Public Service Commission to be nominated by the Chairman;
 - v. One member of the Syndicate and one eminent person to be appointed by the syndicate and one eminent person to be appointed by the Chancellor, provided that none of them shall be the employees of this University,

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- vi. Three subjects experts from the standing list of subject experts approved by the Syndicate for teaching positions while one of them has to be a Psychologist;
 - vii. Head of the concerned Section (in case of appointment of administrative staff);and
 - viii. The Registrar of the University (Secretary).
2. The members, other than ex-officio members, shall hold office for three years.
 3. The quorum of Selection Board shall be seven members for faculty positions.
 4. In case of selection of officers other than teachers, the Selection Board shall consist only of members mentioned at sub-clauses (i), (iv), (v, any one nominee of the syndicate), (vii) and (viii) and the quorum shall be four.
 5. No member who is a candidate for the post to which appointment is to be made shall take part in the proceedings of the Board.
 6. In selecting candidates for the posts of Professors and Associate Professors, the Selection Board shall consider reports from three reviewers in the subject concerned, to be nominated by the Vice Chancellor from a standing list of experts approved by the Syndicate and revised from time to time.

1.8.1 Functions of the Selection Board

1. The Selection Board shall consider all applications for teaching and other posts received in response to an advertisement in case of direct appointments and shall recommend the names of suitable candidates for appointment to such posts.
2. The Selection Board may under provision of Section 3(6) and Section 6 (iv) of the Khyber Pakhtunkhwa Universities 2nd Amendment Act 2020) recommend the grant of higher initial pay in a suitable case of reasons to be recorded.
3. The Selection Board may recommend the appointment of eminently qualified person to a professorship in the University on terms and conditions which may differ in any particular case from those prescribed.
4. The Selection Board shall consider all cases of promotions of officers of the University and recommend the names of suitable candidates for such promotions.

1.9 Advanced Studies & Research Board (ASRB)

The ASRB is an advisory and executing body on all matters connected with the promotion of advanced studies (post graduate), publication and research in the University. It is also mandated to process post graduate curricula, dissertations evaluation reports, panels of names of papers setters and examiners for comprehensive (written and oral) examination in light of recommendations made by the BoS/ Graduate Study Committee.

1. There shall be an Advanced Studies & Research Board which shall consist of the following.
 - i. Vice Chancellor who shall be the chairperson of the board;
 - ii. Deans of the University faculties;
 - iii. Three University teachers to be nominated by the Syndicate other than Deans;
 - iv. Three nominees of the Academic Council from amongst its members;
 - v. Director Science and Technology Khyber Pakhtunkhwa or his/her nominee not below the rank of Deputy Director;
 - vi. Director Office of the Research, Innovation and Commercialization (ORIC);
and
 - vii. Director Advanced Studies and Research Board/ Academics/ Quality Enhancement Cell, whichever is applicable
 - viii. Registrar (Secretary)
2. The term of office of members of the Advanced Studies and Research Board, other than ex-officio members, shall be three years.
3. The quorum for a meeting of the Advanced Studies and Research Board shall be seventy five percent of the notified members

1.9.1 Functions of the ASRB

- i. Advise the Authorities on all matters connected with the promotion of Advanced Studies and Research in the University;
- ii. Consider and report to the Authorities on the institution of research degrees in the University;
- iii. Propose Regulations regarding the award of research degrees;

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- iv. Recommend panels of names of examiners for evaluation of thesis and other research examinations;
 - v. Approval of synopsis and thesis of Higher Research Degrees; and
 - vi. Perform such other functions as may be prescribed by Statutes.

1.10 Finance & Planning Committee

F&PC is mandated to advise on the annual statement of accounts, annual and revised budget estimates and to review periodically the financial position of the University. It advises the Syndicate on all matters relating to planning, development, finances, investments and accounts of the University. It also prepares short term and long term academic development plans including staff and resource development.

1. Finance and Planning Committee shall consist of the following:
 - i. The Vice-Chancellor (Chairperson);
 - ii. A representative of the Higher Education Commission (HEC);
 - iii. One member of the Syndicate to be appointed by the Syndicate ;
 - iv. The Secretary to Government, Higher Education Department or his nominee not below the rank of a Deputy Secretary;
 - v. The Secretary to Government, Finance Department or his nominee not below the rank of a Deputy Secretary;
 - vi. Deans of Faculty of the University;
 - vii. The Registrar of the University
 - viii. The Director P & D;
 - ix. The Director Finance/ Treasurer (Secretary).
 - x. One expert to be nominated by the Chancellor
 - xi. Two members of the Academic Council to be nominated by the Academic Council;
2. The quorum for a meeting of the Finance and Planning Committee shall be seventy five percent excluding the non-existent categories.

1.10.1 Powers and F&PC

- i. Consider the annual statement of accounts and the annual and revised budget estimates and advise the Syndicate thereon;
- ii. Review periodically the financial position of the University;
- iii. Advise the Syndicate on all matters relating to planning, development, finance, investment and accounts of the University;
- iv. To prepare staff and resource development plans; and
- v. To perform such other functions as may be prescribed by Statutes.

1.11 Affiliation Committee

The Affiliation Committee is an advisory body for recommending affiliation of colleges/institutes to the Syndicate after reviewing the infrastructure and other facilities required for imparting standard education.

1. Affiliation Committee shall consist of the following:
 - i. The senior most Dean/ Teacher (Convener);
 - ii. One member of the Syndicate to be nominated by the Syndicate;
 - iii. All Deans;
 - iv. Nominee of the academic council;
 - v. The Director of Higher Education (Colleges), Khyber Pakhtunkhwa or his/her nominee;
 - vi. Chairman HERA or nominee not below the rank of a Member;
 - vii. Controller of Examinations;
 - viii. Director Academics; and
 - ix. The Registrar (Secretary/Member).
2. The term of office of the members of the Affiliation Committee, other than ex-officio members, shall be three years.
3. The Affiliation Committee may co-opt experts not exceeding three.
4. The quorum for a meeting of an inspection by the Affiliation Committee shall be two third of the total number of members excluding the non-existent categories.

1.11.1 Functions of the Affiliation Committee

- i. Inquire into the complaints alleging breach of conditions of affiliation by affiliated colleges/affiliated institution and to advise the Syndicate thereon; and
- ii. Perform such other functions as may be prescribed by Regulations

1.12 University Discipline Committee (UDC)

The Discipline Committee deals with all inter-institute cases of indiscipline in the University. It proposes regulations relating to the conduct of University students, maintenance of discipline and action for breach of discipline. The Committee is mandated to recommend suspension, expulsion or rustication of students, on the basis of inquiry conducted under the rules.

1. University Discipline Committee shall consist of the following:
 - i. Two Deans (senior most teachers in case of non-availability of deans) to be nominated by the Vice Chancellor of which one shall be convener;
 - ii. Registrar or his nominee;
 - iii. Controller of Examinations or his nominee;
 - iv. Chief Proctor;
 - v. Provost (Secretary).
2. The quorum for a meeting of the University Discipline Committee shall be seventy five percent of the total members excluding non-existent categories.

1.12.1 Functions of the UDC

1. Functions of the University Discipline Committee shall be to:
 - i. Propose Regulations to the Academic Council relating to the conduct of University students, maintenance of discipline and breach of discipline;
 - ii. To impose minor / major penalties including to suspend, expel or rusticate students, on the basis of the inquiry conducted for violation of rules and regulations of the University; and
 - iii. Perform such other functions as may be assigned to it.

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2. Appellate Authority: The appellate authority against the decisions of the discipline committee shall be the Vice Chancellor

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.

Shaheed Benazir Bhutto University, Sheringal Dir Upper cater to a variety of students by offering 42 Degree Programs including BS (4 Years), M.A/M/Sc, MS/M.Phil and Ph.D to our regular students. These programs are offered in 20 Departments of the University in its Main and Wari Campus.

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 2019-20. The Detail of Departments, and Programs are given as,

2.1 Faculties of the University With Departments

1. Faculty of Life Science

- Department of Botany
- Department of Zoology
- Department of Forestry

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- 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 & Sports Sciences
 6. Faculty of Physical and Numerical Sciences
 - Department of Geology
 - Department of Mathematics
 - Department of Computer Science

2.2 Departments-Wise Academic Programs

SBBU offers Bachelor, Master, MS/M.Phil & PhD degrees in Faculty of Life Science, Chemical Science, Language and Literature, Religious and Legal Studies, Management and Social Sciences, Physical and Numerical Sciences with 20 Academics Departments.

Table 2.1: 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
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 2-Ph.D
11	Agriculture	1-BS
12	Management Science	1-BS 2- M.Phil
13	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 3-Ph.D
19	English	1-BS 2- MA 3- M.Phil
20	Physical Education & Sports Sciences	1-M.Sc

2.3 Duration of Degree Programs

The time limit for the completion of BS, Pharm-D, MA/M.Sc, MS/MPhil & Ph.D programs is given below.

Table 2.2: Duration of Program

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

2.4 Gender Wise Fresh Admission (2019-20)

In the year 2019-20, 4716 applications were received for admission to various Bachelor, Master, MPhil and PhD programs. In Table 2.3: For MS/MPhil & Ph.D Programs, Applications forms are received, but admission process is delayed due to COVID-19.

Table 2.3: Fresh Admission in 2019-20

S.No	Degree	Male	Female	Total
1	Undergraduate BS (4 Years)	715	128	843
2	Graduate (MS/M.Sc)	153	43	196
Total Fresh Admission		868	171	1039
3	Postgraduate (MS/M.Phil)	293	26	319
4	P.hD	43	2	45
Total Applications Received		336	28	364

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)	2218	290	2508
02	Graduate (MA/MSc)	439	107	546
03	Post Graduate (MS/MPhil)	353	25	378
04	Post Graduate (Ph.D)	07	03	10
Grand Total		3017	425	3442

2.6 Undergraduate & Postgraduate Programs

SBBU caters to a variety of students by offering 42 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

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- 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
- Pakistan Study
- Sociology
- Zoology
- Physical Education & Sports Sciences

3. MS/M Phil

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

4. Ph.D

- Biotechnology
- Chemistry
- Islamiat
- Pharmacy

2.7 Students Scholarships

Student Financial Aid Office (SFAO) is established to provide nancial aid to students and to devise strategies to secure nancial aid to students of the university. SBBU offers merit cum need based scholarships to students who cannot meet the expenses of higher education. Mainly, the following scholarships are being offered to students of this university:

- MORA Scholarships
- Pakistan Bait-Ul-Mal (PBM)
- HEC Need Based Scholarship
- French Need Based Scholarship
- FATA Scholarship (FATA Students)
- Ehsaas Undergraduate Scholarship Project

In near future, SBBU plans to contact more national/international donors such as JICA & USAID Need Based Scholarship.

2.8 Academic Achievements

SBBU cater to a variety of students by offering 42 Degree Programs including BS (4 Years), M.A/M/Sc, MS/M.Phil and Ph.D to regular students. These programs are offered in 20 Departments of the SBBU in its Main and Wari Campus.

While the University offer BA/ B.Sc conventional (2-Years) Degree Program, B.Ed, M.Ed, D.P.Ed,(1-Year), B.Com, BBA, M.Com (2-Years) to regular students of Public & Private Colleges, affiliated with the SBBU, the University also offers BA and MA degrees to Private students by conducting their examinations in standardized courses.

Table 2.5: Pass Out University, Affiliated Colleges & Private Students

University Students			
Degree	Male	Female	Total
BS	120	09	129
MA/M.Sc	248	45	293
MS/MPhil	22	2	24
Ph.D	01	0	01
Total	391	56	447
Affiliated Colleges Students			
BA/B.Sc	556	789	1345
BS	07	0	7
M.Com	12	0	12
B.Com	09	03	12
M.Ed	07	10	17
B.Ed	03	04	7
Total	594	806	1400
Private Students			
BA	950	612	1562
MA	884	453	1337
Total	1834	1065	2899

2.9 Foreign and Local Academic Linkages

Presently SBBU has established some linkages with the following national and international universities and organizations of high repute around the globe:

2.9.1 International MoUs

- Bozok University, Turkey
- Dicle University, Turkey
- Fatih University, Turkey
- Gediz University, Turkey
- Namik Kemal University, Turkey
- TR Erzincan University, Turkey
- Trakya Balkan University, Turkey
- Yildirim Beyazit University, Turkey
- Al Gobol AL Gharbi, Libya
- University of Malaya, Malaysia
- Royal University of Dhaka, Bangladesh
- Islamic University in Uganda, Uganda
- Bejieng Forestry University, China

2.9.2 National MoUs

- Indus University, Karachi
- Quaid-e-Azam University
- Karachi University
- AJK University
- Khushal Khan Khatak University
- Punjab University

- Virtual University Lahore
- University of Management Sciences (LUMS)
- Gomal University, DI Khan
- University of Science and Technology, Bannu
- Comsats University
- University of Malakand
- Senate of Pakistan

2.10 Honours and Awards

Table 2.6: Faculty Member Completed Ph.D (2019-20)

S.No	Name	Department	Country
1	Dr. Zia Ullah	English	Pakistan
2	Dr. M. Latif Khan	Mathematics	Pakistan
3	Dr. Khan Sher	Botany	Pakistan
4	Dr. Juma Muhammad	Environmental Science	Pakistan
5	Dr. Irfan Ullah	Computer Science	Pakistan
6	Dr. Nasir Ud Din	Chemistry	Pakistan
7	Dr. Sikandar Khan	Biotechnology	China
8	Dr. Siraj Muhammad	Computer Science	Thailand
9	Dr. Adnan Ahmad	Forestry	China

Table 2.7: Faculty Member Completed MS/MPhil (2019-20)

S.No	Name	Department	Country
1	Mr. Asghar Khan	Geology	Pakistan
2	Mr. Azmat Ullah Orakzai	Geology	Pakistan
3	Mr. Ikram Uddin	Geology	Pakistan

- Dr. Sikandar Khan was awarded with the Star of Science honorary title in Top Ten International Students in China.

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- Dr. Sikandar Khan was awarded with the Certificate of Recognition, by the embassy of the Islamic Republic of Pakistan at Beijing, on the occasion of Pakistan Students forum, based on his excellent academic performance during his Ph.D Study.

2.11 Convocation

The first Convocation of the University were schedule in 2019-20. But due to COVID-19, now the first Convocation shall be held in 2021.

CHAPTER 3

RESEARCH AND DEVELOPMENT

Shaheed BB University Sheringal Dir upper is a teaching and research institute with the aim to promote and disseminate the knowledge in areas of Biological Sciences, Chemical Sciences, Numerical Sciences, Social Sciences, English Literature and Information Sciences. Field trips are especially arranged for the students to make possible the quality research component of the university.

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 2019-20, 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 2019-20.

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 (National/International) and Publications.

3.2 Research Publications in 2019-20

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.

Publications from July 2019 To December 2019

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3.3 Conferences, Seminars, Workshops and Training

Shaheed Benazir Bhutto University have been arranged 281 Conferences, Seminars, Workshops and Training so far.

Conferences, Seminars, Workshops and Training (2019-20)

During the years 2019-20, 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 Geology arranged a One Day Seminar on " Natural Disaster Awareness & Their Risk Management".
- Department of Pharmacy arranged One Day Workshop on Cell Based DDS & Modern Therapeutics".
- Department of Pharmacy arranged Two Days Workshop on Hands on Power Lab.
- Department of Pharmacy arranged One Day Training on HPLC.
- Meeting on Self-Review of MS/MPhil and Ph.D Programs
- One Day Training on How to Write Self-Assessment Report
- One Day Training on Learning Management System (LMS Moodle)
- Meeting Regarding Online Academic Council & Online Teaching/Online

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

- Dr. Sami Ullah

Name of Project: Establishment of GIS & Space Applications in Geosciences (G-SAG) laboratory at the NCE in Geology, University of Peshawar, and Remote Sensing of Forestry lab at Shaheed Benazir Bhutto University (SBBU), Sheringal under the PC-1 project Establishment of National Center of GIS and Space Applications (NCGSA).

Amount is 96.56 million

- 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

The Innovation and Research Based Commercialization plan for SBBU has been developed in response to strengthen research capacity and increase national/international recognition through networking and more effective dissemination of research products & results. The plan highlights the importance of research and consultancies to the university in terms of reputation-building and national/ international recognition and enhanced opportunities for research networking.

4.1 Inculcating the Research Based Commercialization (RBC)

Research supports development of the country by providing solutions to problems, explaining phenomena, as well as opening up new opportunities. Through research, new technologies are developed that help to improve the quality of life of the human race. The university is in a unique position of having a concentration of highly trained individuals who can contribute to developing new knowledge for solving problems from different approaches by data gathering, analysis, synthesis, interpretation of results and informing policy.

4.2 Objectives of Research Based Commercialization

An important function of the University, apart from teaching and research, is that of provision of service to society and provide many specialised teaching and research facilities that are not generally available in the community also exist. Following are the objectives of RBC.

- Encourage faculty members to engage in consultancy as an avenue of service to society.
- Promote sourcing of research based commercialization and consultancy for income generation.
- Encourage formation of interdisciplinary consulting groups and consortia of experts to increase competitiveness and excellence in performing consultancy work and contract research.
- Provide guidelines for the value able used of income generated from research based commercialization and consultancy work.
- Promote entrepreneurship and business incubation programs amongst faculty, staff and students so they can bring their ideas to the market.

4.3 SBBU Research Based Commercialization Program

The universities have to exploit current resources and find new opportunities to catch up with universities of developed countries. Government funding is not increasing as per needs which have threatened public sector universities growth. The situation is alarming for public sector universities in Pakistan. To coup with such problems, the universities have to assess their strategic position and work out plans for research based commercialization for the future.

The design, funding, quality and promotion of research based commercialization are functions that need coordination and governance. For Which SBBU established a specialized department by the name of "Research Based Commercialization", which deal with the research development, research management, proposal screening, raising of funds, and progress monitoring of newly launched projects.

The purpose of the department will also be, to develop, expand, & manage SBBU research based commercialization programs and to link research activities directly to educational,

social and economic priorities of SBBU and its broader community. Moreover, the other departments of the university including QEC, P& D, Finance and establishment are actively involve in developing a culture of research and innovation. In this regard various technical trainings, meetings and SWOT analysis are carried out.

4.4 RBC and Industry/Community Linkages

Industrial and community linkages with academic institutions play an important role in transfer of knowledge and technology that directly drives socioeconomic development. SBBU adopt and maintain Entrepreneurial culture for this we provide learning and sharing environment to the local community. Beside establishing our own farms to provide milk/meat to the university and local community, we also provide know how about the establishment of there farms (Diary, Poultry, Fishery and Birds etc) to the local community and other convenient areas.

The SBBU, Palys a proactive role to build positive and mutually beneficial relationship with all its stake holders. The Department of Dairy Farm and Agriculture is in close contact with local farmers to take their input/suggestion and to solve their issue if any regarding field. Similarly the Department of Forestry has a close relationship with District Forest Officer to collaborate in forest related issues.

SBBU strengthen University-Industry linkages and form collaborative ventures with the corporate community to bring SBBU inventions and innovations to the market. SBBU started making Academia-Industry linkages in areas of Forest and Ecological Resources, Medicinal Plants, Geology, Hotel and Tourism, Poultry Farming, Fisheries, Dairy Farming, Mining and Minerals.

4.5 Revenue from Research Based Commercialization

Outcome of research will be commercialized by signing MOUs with different companies/institute nationally and internationally. SBBU is actively involved in research based commercialization and consultancy services. Shaheed BB University lunched a number of initiatives to raise funds from own sources and research based commercialization with public-private partnership.

4.6 Partner for Research Based Commercialization

Shaheed Benazir Bhutto University, Sheringal since its inception has been very successful in making partnership in academic linkages and joint research projects with other national/international universities, research organizations and public private partnership.

Today the world is a global village and even no country can play its role in isolation. Similarly, all multinational organization, corporation operating throughout the world with partnership and collaboration and exploit the benefits of diversity, human resource and cost parity. The SBBU is also struggling to promote research based commercialization and development by signing MoU with different national/ international organization. At this stage the University has no extra funds which may be invested, But recently the university sign MoU with Hunarmand Petro & Engineering (PVT) Limited and Minerals Development Department of KP. The Hunarmand Petro & Engineering invested in Tourism Development, Fisheries, Exploration of Minerals and Dairy Farm with University.

4.7 Strategy Formulation for RBC

The University is in its embryonic stage, to minimize the dependency on HEC. SBBU makes strategies/efforts to raise its own resources and commercialize its product and expertise to cover the budget deficit. So far the following strategy have been adopted successfully.

4.7.1 Strategy 1: Establish Office of Research Based Commercialization

SBBU established a specialized Office by the name Research Based Commercialization to deal with Research Innovation and Commercialization. Recently it has signed MoU with Public Private Partner and Mining & Minerals Department of KP, for exploration of Minerals. Responsibility has been assigned to Mr. Badshah Hussain as Focal Person for Research Based Commercialization Program of SBBU.

4.7.2 Strategy 2: Establish Research Incubator Center for Commercialization in all Discipline

Office of Research Innovation and Commercialization has been established to encourage young researchers and scientists to analyze the local environment and to exploit the opportunities for Socio-Economic development of the local society. Cash and awards are given

to scholars and researcher for publishing impact factor research papers. Responsibility has been assigned to Dr. Abdul Khaliq Jan.

4.7.3 Strategy 3: Tourism Promotion

To encourage Tourism as a natural source of attraction in pristine beauty of nature. An office has been established in Main Guest House of University to make the best possible use of the scenic beauty of Dir Kohistan region. In this regard SBBU has established State of the Art Research Center for Biological Science and Guest Houses in Kumrat, Jazz Banda and Jehandari Velley. Proper advertisement will be carried out to increase the number of tourists. New venues will be sought out to enhance Tourism. Fee will be charged of facilitation and guidance. Responsibility has been assigned to Mr. Sajjad Ali for Tourism Promotion.

4.7.4 Strategy 4: Entrepreneurial Thrive

A small pharmaceutical and furniture industry will be established in coming future by utilizing the available Pharmacy and Forestry staff and Equipment. Our related students will be trained in these factories to further establish their own factories. Awareness campaign is launched among students and external entrepreneurs. Office of Research Based Commercialization.

4.7.5 Strategy 5: Trout Fish Hatchery

A nursery of 1 Lac trout fish has been developed in SBBU Main Campus and Kumrat, the trout fish will soon available in market for general public. The Trout Fish Hatchery may earn approximately Rs. 5 Million annually and also used for research purpose for the students of MS/MPhil. It is providing hand-on experience to the faculty and students for finding more interesting facts to be shared with community of the world in form of research publication. Responsibility has been assigned to Mr. Sajjad Ali for Trout Fish Hatchery.

4.7.6 Strategy 7: Dairy Farm

The University has also established a Dairy Farm and it offers milk providing facilities to more than three hundred of its community population. It also generates income for University and the students of Zoology, Biotechnology are keen to learn new and improved way of increase in production and doing research for the said reason will enhance the stu-

dents exposure and academic learning in the same field. Responsibility has been assigned to Dr. Kamran Khan for Diary Farm.

4.7.7 Strategy 8: University Research Center and Guest Houses

A part from fulfilling the need of University can also benefit the University in term of Tourism Promotion and resource generation. Universities Research Center for Biological Science and Guest Houses at Main Campus, Kumrat, Jazz Banada and Jendari Velley will earn approximately Rs. 2 Million annually.

4.7.8 Strategy 6: Exploration of Mining and Minerals

4.8 SWOT Analysis of Research Based Commercialization

SWOT analysis is an outstanding instrument to identify competitive advantage an organization possesses over its rivals. This apparatus help organizations to prepare them to face future challenges and formulate plans.

The strategic location of Shaheed Benazir Bhutto University makes it one of the best universities in the region. It is located in Sheringal, District Dir Upper. This district borders Afghanistan to the West, Chitral and Swat districts to the North and East respectively, and district Lower Dir to the South.

Geographically Dir Kohistan ends on its Northern side into a vast valley of Kumrat. It is a touring paradise with lush green pastures, crystal clear water, sky kissing mountains and thick forest of coniferous and broad leaves trees. On North East, through Badgowai pass, it is linked with marvelous spots of Swat Kohistan Bahrain, Madayan, Kalam, Usho, Gabral and Mahodand on North west via Doag Dara, it is linked with Chitral which is known for dry monsoonal climate, abundance of fresh and dry fruits, Chitrali patti, free style polo, specific cultural values, ancient civilization, religion of Kalasha wild population of Markhor (Ibex), snow covered tops and appendages of Tirich Mir.

Opportunities are many for the University to play a service function to advance economic, cultural, political, scientific and technological development. Through consultancy activities, this situation represents a potentially significant source of income to the University. SBBU is planning to expand its relationships with industries to generate supplementary funds through consulting as an institutional activity.

4.8.1 Strengths

- Huge Potential for high quality research due to local natural resource endowments like pharmaceutical plants, rocks and mountains, livestock, forestry, fisheries, hydropower etc.
- Located in bordering district of Afghanistan and have access to the Central Asian Republics
- Well Equipped Staffed and Faculty of Natural Sciences
- Own Dairy Farm, Trout Fish hatchery and well furnished Guest Houses.
- Diverse and wide range of courses and affordable fees structure.

4.8.2 Weaknesses

- Lack of infrastructure including physical, financial, and human resources; inadequate capital funds to support all that we want to do and to accommodate increasing number of students and staff.
- Lack of scientific laboratories and state of art library.
- High Operational Costs due to locality of the university.
- Limited Operational Budget and Research Grants.
- Shortage of funds to support strategic plans.

4.8.3 Opportunities

- Huge growth potential & large number of young population.
- Excessive Demand in National & International Organizations of in fields of Forestry, Pharmacy, Environmental Sciences, Geology, biotechnology, animal and veterinary sciences.
- Surrounded by rich flora and fauna and precious natural resources for research.
- Development of Progressive Outreach Program for research and consultant services.
- Potential for Public- private Partnership and International Collaboration.
- Development of Business Incubation Centers.
- Product base Research and Development Collaboration.

4.8.4 Threats

- Rapid expansion of new universities in close proximity and introduction of parallel academic programs in these universities.
- Alliance of competitors with foreign universities.
- Attracting and Retaining of the Qualified Faculty.
- Unable to host scientists from internationally renowned faculty.

4.9 Future Innovation & Commercialization Projects

Several research projects are underway that could result in valuable materials and could further lead to product development and Commercialization. University struggling for Public-Private partner to invest in the following projects for Commercialization. These include:

- Honey Production
- Extraction of Cannabis Oil
- Morchella Mushroom Cultivation
- Extraction of High Quality Walnut Oil
- Conversion of Used/Waste Plastic Material into Fuel.
- Synthetic Compounds/Complexes as Anti-Ulcer Agents.
- Production of Commercial Lipase for Continues Industrial Use
- Biogas Production from Anaerobic Co-digestion of Food Waste and Weeds
- Essential Oils/Crude drug from indigenous medicinal plants as Chemo-Therapeutics.
- University have Space and Raw Material for the Establishment of Crush Plants, Which will annually approximately earn more than 1 Million.

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 National/International Bodies

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

- Member of Tallories Network.
- Member of Asian Pacific Quality Network (APQN).
- Member Himalayan University Consortium (ICIMOD)
- Member Pakistan Chapter of Talloires Network (PCTN).
- Member of Association of Quality Assurance Agencies of the Islamic World

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 University Assessment Tools

The University is conscious of its academic programs for their quality output and improved learning through the following Assessment Tools/ Accreditation mechanisms as per national standards.

- Self Assessment Report.
- Teacher and Course Evaluation Surveys.

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- Institutional Performance Evaluation (IPE) Review.
 - Internal Assessment of Degree Programs by Assessment Team.
 - External Assessment of Degree Programs by relevant Accreditation Bodies.

Shaheed BB University focus strictly on its quality assurance. The Director QEC is mandated with the fulfilment of minimum quality standards and provide information in this regard.

5.6 QEC Self-Assessment Reports of 2019-20

QEC SBBU completes 10 Self-Assessment Reports including Rubric Reports, Executive Summary and Implementation Plan for the year 2019-20 in the following programs.

- Pharm-D
- BS Botany
- BS Zoology
- BS Geology
- BS Forestry
- BS Chemistry
- BS Biotechnology
- BS Computer Science
- BS Management Science
- BS Environmental Science

5.7 Seminars/Workshops/Meetings on QA/SA 2019-20

5.7.1 Arranged by QEC SBBU

- Meeting on Self-Review of MS/MPhil and Ph.D Programs.
- One Day Training on How to Write Self-Assessment Report.
- One Day Training on Learning Management System (LMS Moodle).
- Meeting Regarding Online Academic Council & Online Teaching/Online Readiness.

5.7.2 Attended by QEC SBBU

- Digital Conference-Digital Transformation in Higher Education (Riphah University).
- 2nd International Conference on Quality Assurance in Higher Education (PNQAHE).
- International Conference Quality Assurance System, Standards and Policies, issues and challenges (HEC QAA).

5.8 QEC Committees

- Quality Assurance Committee.
- Plagiarism Standing Committee.
- Best University Teacher Award Committee.
- Program Team Members & Assessment Team Members.
- Self-Review Committee of MS/MPhil & Ph.D Programs.
- Self-Institutional Performance Evaluation Committee (Self-IPE).

5.9 NOC for Launching New MS/M.Phil/Ph.D Programs

HEC has made it necessary for all universities to obtain NOC before starting MS/MPhil PhD and equivalent programs in any discipline. The QEC SBBU got NOC in the following MS/M.Phil/Ph.D Programs till now.

- M.Phil English
- M.Phil Islamiat
- M.Phil Chemistry
- M.Phil Biotechnology
- Ph.D Islamiat
- Ph.D Pharmacy
- Ph.D Biotechnology

5.10 Self-Review of MS/MPhil & Ph.D

As per Yearly Progress Report SOPs shared by the Quality Assurance Agency (QAA) of the HEC of Pakistan, the QEC of SBBU conducted the Self-Review of the following ten MS/MPhil & five Ph.D programs offered by the University: The purpose of the Self-Review of Programs is to check the compliance with the HEC minimum criteria/guidelines set for these Programs.

1. MS/MPhil Programs

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

2. Ph.D Programs

- Botany
- Islamiyat
- Pharmacy
- Chemistry
- Biotechnology

5.11 Online Teacher and Course Evaluation

The Online Evaluation was conducted for the year 2019-20, in all Departments in all Programs of the University. Teacher Evaluation by Student, Course Evaluation by Teacher and Students Survey were successfully completed. The mechanism of quality assessment tool is mainly carried out with the help of the following Proformas/Surveys.

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- Proforma-1: Student Course Evaluation Questionnaire.
 - Proforma-2: Faculty Course Review Report
 - Proforma-3: Survey of Graduating Students
 - Proforma-4: Research Student Progress Review Form
 - Proforma-5: Faculty Survey
 - Proforma-6: Survey of Department Offering PhD Programs
 - Proforma-7: Alumni Survey
 - Proforma-8: Employer Survey
 - Proforma-9: Faculty Resume
 - Proforma-10: Teacher Evaluation Form

5.12 HEC COVID-19 Survey on Online Students Readiness

QEC SBBU conduct HEC COVID-19 Survey on Online Students Readiness successfully, in which 2814 students participated from SBBU.

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

During the next five years, the University plans to further improve its Information and communication technology (ICT) infrastructure through active collaboration of Higher Education Commission to improve its ranking.

The University intends to start a quarterly research journal in the near future to facilitate the indigenous researchers of the university. The following steps are taken by SBBU to improve its Quality Ranking.

6.2.1 Curriculum Review

As per guidance of HEC, curriculums are annually reviewed for each academic discipline through our statutory bodies i.e. Board of studies and academic council. The existing and new programs will also be going through these forums keeping in view the market requirement with the help of external assessors.

6.2.2 Methods of Delivery

The approved quality curriculums demonstrated and delivered in the conductive and interactive class environment. The labs are established as per HEC curriculum requirements. Besides traditional way of lecturing, other methodologies/technologies are being adopted by the faculty including case based learning, demonstrations and work place visits as per the criteria of QEC and HEC.

6.2.3 Recognition & Accreditation

All academic programs have been launched with prior approval of the concerned statutory bodies of the University under the guidance of HEC. Accreditation of professional programs of D.Pharm and LLB (5 years) is in process with the concerned councils.

6.2.4 Research

Shaheed BB University Sheringal Dir upper is a teaching and research institute with the aim to promote and disseminate the knowledge in areas of Biological sciences, Chemical sciences, Numerical sciences, Social sciences, English literature and Information sciences. Field trips are especially arranged for the students to make possible the quality research component of the university.

6.2.5 Strengthening the Undergraduate Programs

To strengthen the undergraduate programs and to achieve these goals the following strategies are adopted.

- Attracting Quality Students for Admission.
- Offering of Scholarships, Loans or Financial Assistance.
- Review of Existing Programs & Industry/Market Survey
- Providing quality teaching facilities including fully equipped labs, and internet facilities.

6.2.6 Attracting Quality Undergraduate Students

To attract Quality Undergraduate Students, facilities like Boys & Girls Hostel, Medical Facilities, Sports, Videos Conferencing, Financial Support and Career Development services are provided and enhanced.

6.2.7 Strengthening the Post Graduate Program

SBBU engages and recognize faculty participation in graduate education in a manner that energizes faculty and students and advances their academic accomplishments. Faculty involvement in graduate education builds visibility and capacity of the faculty and yields opportunities for leadership and innovative collaborations for students. Faculty engaged in graduate education embrace the principle of mentorship as both a privilege and responsibility.

6.2.8 Attracting Quality Post Graduate Students

All postgraduate candidates must meet the eligibility criteria i.e. 16 years degree in the relevant field from a recognized educational institution with first division (Annual System) or CGPA2.5/4.0 (Semester System) with no third division or D grade throughout the academic career. Passing of NTS/GAT (general) type test is mandatory with minimum 50% marks to secure admission.

6.2.9 Strengthening the Doctoral Program

SBBU Sheringal is heavily investing to strengthen its Doctoral Programs, it is a critical link in producing researchers and scientists, who are needed to help in nation building and

find solutions for problems ranging from disaster mitigation to poverty alleviation. These PhDs mentor post-graduate students who will produce more researchers and scientists with advanced degrees in a multiplier effect.

6.2.10 Attracting Quality Doctoral Students

All Doctoral candidates must meet the eligibility criteria i.e. MS/M.Phil or its equivalent degree in the relevant field from a recognized educational institution with CGPA of 3.0/4.0 or 70% marks with no third division or D grade throughout the academic career. Clearing of GRE (subject) as per HEC policy or NTS/GAT (subject) with minimum 60% marks.

6.3 Adoption/Implementation of HEC Policies

- Adoption/Implementation of HEC Criteria of PhD Programs.
- Adoption/Implementation of HEC Plagiarism Policy Compliance.
- Adoption/Implementation of HEC Criteria for appointments of faculty members.

6.4 Other Key Result Areas to Improve the Ranking

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

- To acquire ISO Certification.
- To attract quality Ph.D Students.
- To improve research quality and output.
- To increase the number of Ph.D Faculty.
- To conduct joint research project with industry.
- To adopt innovative methods in teaching and research.
- To offer academic programs jointly with Universities.
- To establish linkages with national/international Organization.
- To increase emphasis on research that sole problems faced by industry and economy.

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	Miss. Bushra Hamid	Management Science	16-01-2015	Australia	Yet to join
3	Mr. Sami Ullah	Biotechnology	01-06-2015	Germany	Yet to join
4	Mr. Alamgir Khan	Forestry	18-02-2017	China	Yet to join
5	Mr. Ihsan Danis	Environmental Science	18-09-2017	China	Yet to join
6	Mr. Zul Kamal	Pharmacy	18-09-2017	China	Yet to join
7	Mr. Adnan Ali	Management Science	10-04-2019	Malayaisa	Yet to join
8	Mr. Muhammad Inam	Animal Science	24-09-2018	China	Yet to join

7.2 Faculty Development Programs (PhD Inland)

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

S.No	Name	Department	University
1	Mr. Hamid Afridi	Pharmacy	University of Malakand
2	Mr. Ishaq Ahmed	Pak Studies	Peshawar University
3	Mr. Abid Ullah	Pharmacy	SBBU
4	Mr. Haya Hussain	Pharmacy	SBBU
5	Mr. Asaf Khan	Pharmacy	SBBU
6	Mr. Kashif Raza	Chemistry	Peshawar University
7	Miss. Javeria Gul	Biotechnology	SBBU
8	Miss. Hassena Gulzar	Biotechnology	SBBU
9	Mr. Muhammad Naveed	Chemistry	Punjab University
10	Mr. Muhammad Amin	Environment Science	Agriculture University
11	Mr. Shahzad Khan	Computer Science	NUST Islamabad
12	Mr. Sami Ullah	Computer Science	GIK Topi Sawabi
13	Mr. Asghar Khan	Geology	Peshawar University
14	Mr. Ilyas Ahmad	Islamiyat	Abdul Wali Khan University
15	Mr. Shah Zahor Ahmad	Islamiyat	Abdul Wali Khan University

7.3 Returned Scholars

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. The detail of these scholars is as in Table 7.3. Similarly Table 7.4 are scholars who have completed their PhD in inland.

7.4 Present Scholars

Currently there are eight (08) scholars of the University studying in different European, Asian and Australian Universities, The detail of these scholars is as in Table 7.1. Fifteen (15) scholars are pursuing their PhD studies in the country. The detail of these scholars is as in Table 7.2.

Table 7.3: SBBU Returned Scholars (PhD Foreign)

S#	Name	Department	Departure Date	Country	Return Date	Remarks
01	Dr. M. Faran Majeed	Comp Sci	11-12-12	Thailand	01-03-17	Completed
02	Dr. Alam Zeb	Forestry	15-05-13	Canada	1-04-19	Completed
03	Dr. M. Niqab	Education	17-06-13	Malaysia	11-02-16	Completed
04	Dr. Sami Ullah	Forestry	29-06-13	Germany	20-09-17	Completed
05	Dr. Riaz Ahmad	Comp Sci	01-07-13	Germany	03-05-8	Completed
06	Dr. Fazli Haleem	Mgt.Sci	01-09-13	Denmark	7-02-19	Completed
07	Mr. Atif Shah	Law	11-09-13	United Kingdom	27-02-15	LLM Completed
08	Dr. Niaz Ali	Education	22-01-15	Malaysia	06-03-17	Completed
09	Dr. M. Wajid Raza	Mgt.Sci	01-06-15	Belgium	1-10-18	Completed
10	Dr. Sikandar Khan	Biotechnology	01-09-16	China	07-08-19	Completed
11	Dr. Adnan Ahmad	Forestry	20-02-17	China	06-01-20	Completed
12	Dr. Siraj Muhammad	Comp Sci	13-08-14	Thailand	28-02-20	Completed

Table 7.4: SBBU Scholars (PhD Inland)

S.No	Name	Department	University
1	Dr. Zia Ullah	English	NUML Islamabad
2	Dr. M. Latif Khan	Mathematics	Quaid-e-Azam University
3	Dr. Khan Sher	Botany	SBBU
4	Dr. Juma Muhammad	Environmental Science	Peshawar University
5	Dr. Irfan Ullah	Computer Science	Peshawar University
6	Dr. Nasir Ud Din	Chemistry	Peshawar University

7.5 Pre-Service and In-Service Professional Development

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 3442 out of these, 2508 were enrolled in BS Hons, 546 is Master (MS/M.Sc), 378 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	BS (4-Years)	2508
2	Master (2-Years)	546
3	MS/MPhil	378
4	Ph.D	10

8.1.1 Over All Degree-Wise Enrolment BS Level

At BS level 2508 student were enrolled in 18 different programs. The Table 8.2 reflect the degree-wise enrollment of students at BS level.

Enrolment BS/LLB/Pharm-D (Programs):

Table 8.2: Degree-Wise Enrolment BS 4-Years

S.No	Name of Degree Program	Male	Female	Total
1	BS Agriculture	84	01	85
2	BS Biotechnology	102	02	104
3	BS Botany	189	62	251
4	BS Computer Science	141	01	142
5	BS Chemistry	135	25	160
6	BS English	133	40	173
7	BS Education	77	25	102
8	BS Environmental Science	96	04	100
9	BS Forestry	137	0	137
10	BS Geology	120	0	120
11	BS Islamic Studies	29	09	38
12	LLB	113	05	118
13	BS Management Science	150	0	150
14	BS Mathematics	64	01	65
15	Pharm-D	181	19	200
16	BS Sociology	140	02	142
17	BS Social Work	108	08	116
18	BS Zoology	219	86	305
Total		2218	290	2508

8.1.2 Over All Degree-Wise Enrolment Master Level

At Master level 546 student were enrolled in 11 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 378 students were enrolled in 11 different programs. Table 8.4 reflect the degree-wise enrollment of students at MS/MPhil level.

Enrolment MA/M.Sc (Programs):

Table 8.3: Degree-Wise Enrolment Master 2-Years

S.No	Name of Degree Program	Male	Female	Total
1	M.Sc Botany	69	32	101
2	M.Sc Computer Science	24	02	26
3	M.Sc Chemistry	32	11	43
4	M.Ed	28	02	30
5	M.Sc Pakistan Study	37	05	42
6	M.Sc Physical Education	47	06	53
7	M.Sc Zoology	112	39	151
8	M.Sc Mathematics	43	02	45
9	MA Sociology	09	01	10
10	MA Social Work	08	04	12
11	MA English	30	03	33
Total		439	107	546

Enrolment MS/MPhil (Programs):

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
Total		353	25	378

8.1.4 Over All Degree-Wise Enrolment Ph.D Level

At Ph.D level 10 students were enrolled in 4 different programs. Table 8.5 reflect the degree-wise enrollment of students at Ph.D level.

Enrolment Ph.D (Programs):

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	2	0	2
4	Pharmacy	3	0	3
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 of University Regular Students, Affiliated Colleges Regular Students & Private Students is given below.

University Regular Students:

Table 8.6: Pass Out University Students

University Students			
Degree	Male	Female	Total
BS	120	09	129
MA/M.Sc	248	45	293
MS/MPhil	22	2	24
Ph.D	01	0	01
Total	391	56	447

Affiliated Colleges Students

Table 8.7: Pass Out Affiliated Colleges Students

Aliated Colleges Students			
Degree	Male	Female	Total
BA/B.Sc	556	789	1345
BS	07	0	7
M.Com	12	0	12
B.Com	09	03	12
M.Ed	07	10	17
B.Ed	03	04	7
Total	594	806	1400

Private Students

Table 8.8: Pass Out Private Students

Private Students			
Degree	Male	Female	Total
BA	950	612	1562
MA	884	453	1337
Total	1834	1065	2899

CHAPTER 9

UNIVERSITY BUILDING ECONOMICS

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

Dr. Muhammad Riaz, Assistant Professor in the Department of Pharmacy, secured one patent.

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. Currently our own students work on internship in the University QEC, Finance and Audit section.

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.

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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 Million. 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.

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- 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 exists, 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 rectangular 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	Building Modules						
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 Bhutto University, Sheringal. In this regard, the P & D Department has submitted the following new projects to various approving bodies i.e. Higher Education

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

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, 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 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.

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- 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. 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 Tailorise 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.

CHAPTER 13

SPORTS

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 University 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.

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- 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 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

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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

	PARTICULARS	Approved Budget (2017-18)	Expenditures (2017-18)	Approved Budget (2016-17)	Expenditures (2016-017)
A	ESTABLISHMENT CHARGES				
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
	Total	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	NON-SALARY EXPENDITURE				
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
Total Non- Salary Expenditures		Rs. 191.975	Rs. 134.303	Rs. 219.255	Rs. 147.827
Total Budget & Expenses		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
TOTAL ASSETS	Rs. 1,520.101	Rs. 1,357.300
FUNDS AND LIABILITIES		
Funds		
Fund Account-Pension	Rs. 153.636	Rs. 106.000
Grants Capitilized/ 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
TOTAL FUNDS & LIABILITIES	Rs. 1,520.101	Rs. 1,357.300

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.

16.1 Generating Revenue

SBBU is actively involved in research based commercialization & consultancy services being provided to different stakeholders. This include preservation and research on high valued medicinal plants, trade and marketing of medicinal and aromatic plants, water conservation practices, trout fish, dairy farming and poultry etc. SBBU is also planning to introduce honey production, mushroom cultivation, indigenous techniques of biotechnology etc.

An important function of the University, apart from teaching and research, is that of provision of service to society. A wide range of knowledge and skills on which potential clients can draw exists in the University. Many specialized teaching and research facilities that are not generally available in the community also exist.

Opportunities are many for the University to play a service function to advance economic, cultural, scientific and technological development. Through consultancy activities, this

situation represents a potentially significant source of income to the University. SBBU expand its relationships with industries to generate supplementary funds through public-private partnership.

16.2 Strategic Linkages for Fund Generation/Development

SBBU realizes the importance of strong relationships between the organizations and the community with an emphasis on safeguarding the interests of the stakeholders. SBBU consider it important to bring diversity in the learning culture through linking up with different organizations across the board. By doing so, we strongly believe that this chain of relationship will form a web of development for SBBU in the region.

16.2.1 Joint Academic Program

Right now there exists no joint academic program linkage between SBBU and any of the universities in Pakistan or abroad. But the university is eagerly looking to initiate joint academic linkages for students exchanges, faculty training and technology transfers from the technologically advanced universities of the world.

16.2.2 Industry

Industrial Linkages with academic institutions play an important role in transfer of knowledge and technology that directly drives socioeconomic development. SBBU Strengthen University-Industry linkages and form collaborative ventures with the corporate community to bring SBBU inventions and innovations to the market.

Shaheed Benazir Bhutto University started making Academia-Industry linkages in areas of Forest and Ecological Resources, Medicinal Plants, Geology, Hotel and Tourism, Poultry Farming, Fisheries, Dairy farming, Mining and Minerals.

16.2.3 Alumni

The importance of Alumni cannot be denied and it has been a known fact that Alumni directly and indirectly support the growth and development of educational institutions in the western world by providing guidance in curriculum development, providing job and internships opportunities for its graduates and developing of linkages with organizations. The Alumni Association, benefits both the Alumni and the Alma Mater.

It promotes the interaction amongst the Alumni providing them with opportunities to socialize, develop professional contacts and opening avenues of personal development and

at the same time is seeking to advertise the institution and carry forward the mission of the institute/university.

The Alumni Association of the Shaheed Benazir Bhutto University will be established in current year to promote the linkages between the alumni and its alma mater.

16.2.4 Community

SBBU recognizes the importance of the community and also appreciates its role in the socio-economic development of the society. It has participated in the development of the community by organizing relief camps when natural disasters struck, providing education to the children in its schools, provided job opportunities in the university and has arranged training programs and capacity development trainings for farmers, exporters and the trading community.

The university has also playing a key role in raising awareness about the Socio-Economic problems of this marginalized and less developed region among the government and non-governmental organizations.

16.3 Office of Research Innovation & Commercialization

Shaheed Benazir Bhutto University is a teaching and research institute with the aim to promote and disseminate the knowledge in areas of Biological sciences, Chemical sciences, Numerical sciences, Social sciences, English literature and Information sciences. Field trips are especially arranged for the students to make possible the quality research component of the university.

Office of Research, Innovation and Commercialization (ORIC) has been established at university, to focus on commercially viable research programs for getting benefits from the indigenous research outputs of the university and also to secure funds for various research initiatives particularly in the fields of quality production under international standards.

16.4 University ORIC Staff

Human Resource Development is an area in which vital and significant progress can be made with a dual objective of increasing institutional capacity and enhancing local research activities. University ORIC office has high qualified professionals.

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

16.5 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.

16.5.1 Fund Generating Projects

The University will complete the following funds generating projects as per the PC-I "Development of University of Dir, Sheringal".

- Construction of 01 Agriculture Lab of 11,745 Sft. covered area amounting to Rs. 37.584 Million, comprising of 05 Labs, 01 Office & 01 Storage etc.
- Construction of 01 Poultry Shed of 3,670 Sft. covered area amounting to Rs. 7.34 Million, comprising of 01 Control Shed, 01 Office, 01 Doctor Room, 01 Feed Store, 01 Panel Room & 01 Generator Room etc.
- Construction of 01 Sheep & Goat Shed of 1,290 Sft. amounting to Rs. 2.58 Million.
- Construction of 01 Dairy Animal Shed of 2,730 Sft. covered area amounting to Rs. 5.460 Million comprising of 01 Office and 01 Milking Parlour etc.
- Construction of 01 Beef Animal Shed of 2,730 Sft. covered area amounting to Rs. 5.460 Million, comprising of 01 Office and 01 Milking Parlor etc.

16.5.2 Students Aid Office 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 cooperative 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.

16.5.3 Students Scholarships

SFAO is established to provide financial aid to students and to devise strategies to secure financial aid to students of the university. SBBU offers merit cum need based scholarships to students who cannot meet the expenses of higher education. Mainly, the following scholarships are being offered to students of this university:

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

In near future, SBBU plans to contact more national/international donors and offers the following scholarships:

1. AJK Education Stipened

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2. Diya Pakistan Scholarship
 3. JICA Need Based Scholarship
 4. USAID Need Based Scholarship
 5. Dr. Sadiq Foundation Scholarship
 6. Punjab Educational endowment Fund

16.5.4 Students Endowment Fund (SEF)

The Students Endowment Fund has also been established recently to provide scholarships to students and has been in operation under a committee of senior teachers, academic staff, the representatives of local community and philanthropists

16.6 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:

CHAPTER 17

UNIVERSITY LIAISON WITH INDUSTRY

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 SBBU, Sheringal have not been held in the reporting period.

18.2 Recruitment of Lecturer on Visiting Basis

Consequent upon the recommendations of the Selection Committee, The University engage the following as Lecturers, purely on visiting basis.

Table 18.1: Visiting Lecturer

S#	Name	Department	Campus
01	Mr. Mr. Wasi Ur Rehman	Mathematics	Main Campus
02	Mr. Irshad Khalil	Computer Science	Main Campus
03	Mr. Bilal Ahmad	Pak Study	Main Campus
04	Miss. Uzma Khan	Law	Main Campus
05	Mr. Tariq Rahim	Law	Main Campus
06	Mr. Ahmad Shah Kamal	Law	Main Campus
07	Mr. Liaqat Ali Khan	Law	Main Campus

18.3 Recruitment in Directorate of Works

Consequent upon the recommendations of the Selection Committee, The University hire the following employees in the Directorate of Works, purely on Contract Basis.

- Mr. Asmat Ullah (Director Works)
- Mr. Bashir Ahmad (Senior Engineer)
- Mr. Fawad Ullah (Helper to Carpenter)

18.4 Recruitment of Assistant Junior Master/Caretaker

Consequent upon the recommendations of the Selection Committee, The University hire the following as Assistant Master/Caretaker, purely on Contract Basis.

- Ms. Nadia Bano
- Ms. Najma Alam
- Mr. Shah Zeb Khan (Caretaker)

18.5 Recruitment of Naib Qasid/Sweeper on Contract

- Mr. Raza Ullah
- Mr. Noor Halim
- Mr. Iftikhar
- Mr. Inam Uddin
- Mr. Muhammad Nawaz
- Mr. Hussain Ullah
- Mr. Khushdil Khan
- Mr. Monin Khan
- Ms. Rahela (Khala)

CHAPTER 19

MEETING OF AUTHORITIES AND STATUTORY BODIES

Shaheed Benazir Bhutto University, Sheringal, after the promulgation of Khyber Pakhtunkhwa Universities (Second Amendment) ACT 2020, authorized the University to establish certain authorities to supervise the matters of the University for its smooth functioning. Meetings of Each of these authorities of the University is given below:

19.1 Meeting of the Senate in 2019-20

Meeting of the Senate was not held in 2019-20, Due to COVID-19.

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)

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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. Dr. Muhammad Inam
 13. Director QEC

19.3 Meeting of the Syndicate in 2019-20

- 18th Meeting of Syndicate held on 18 July, 2019
- 19th Meeting of Syndicate held on 11 October, 2019
- 20th Meeting of Syndicate held on 26 January, 2020
- 21th Meeting of Syndicate held on 10 March, 2020

19.4 Member of the Syndicate

1. Vice Chancellor
2. Mr. Justice (Rtd) Miftah Uddin Khan
3. Secretary HED or his nominee
4. Secretary Finance or his nominee
5. Secretary Establishment or his nominee
6. Registrar (Member/Secretary)
7. Director Finance
8. Director QEC
9. Dr. Juma Muhammad (Assistant Professor)
10. Dr. Muhammad Faran Majeed (Lecturer)

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11. Mr. Ibrar Hussain (Administrative Officer)
 12. Mr. Anwar Zada (Administrative Officer)
 13. Mr. Muhammad Sharif Khan (Administrative Officer)
 14. Principal Government Degree College Wari, Dir Upper
 15. Principal Govt. Girls Degree College Dir Upper

19.5 Meeting of the Selection Board in 2019-20

During the reporting period the Selection Board meeting were not held

19.6 Members of the Selection Board

1. Vice Chancellor SBBU (Chairman)
2. Nominee of Syndicate
3. Mr. Sharif Ahmad, nominee of Public Service Commission KP
4. Three Subject Experts (In case of Teacher Appointment)

19.7 Meeting of the Academic Council in 2019-20

- 5th Meeting of Academic Council held on 28 June, 2019
- 6th Meeting of Academic Council held on 21 July, 2020

19.8 Members of the Academic Council

1. Vice Chancellor
2. Registrar
3. Director QEC
4. Director Academics
5. All HoDs of Teaching Departments
6. Dr. Zia Ur Rehman

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7. Dr. Muhammad Wajid Raza
 8. Dr. Akthar Aman
 9. Dr. Muhammad Faran Majeed

19.9 Meeting of the ASRB in 2019-20

- 6th Meeting of ASRB held on 18 July, 2019
- 7th Meeting of ASRB held on 19 January, 2020

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 2019-20

- 13th Meeting of F & PC 27 June, 2020

19.12 Members of the F & PC

1. Vice Chancellor SBBU
2. Secretary HED or his nominee

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3. Secretary Finance or his nominee
 4. HEC nominee
 5. Syndicate nominee
 6. Registrar
 7. Director Finance
 8. Director QEC
 9. Dr. Muhammad Wajid Raza (Nominee of Academic Council)
 10. Mr. Liaqat Ali Khan (Nominee of Academic Council)

CHAPTER 20

OUTREACH ACTIVITIES

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

S.No	Name of Faculty	University/ Country	Sponsored By	Purpose
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	M.Tariq & Others VS SBBU	Dr Adnan Khan	Service matter
2	Syed Ur Rahman VS SBBU	Dr Adnan Khan	Exam Issue
3	M.Riaz VS SBBU	Dr Adnan Khan	Service matter
4	Waqis Fasil VS SBBU	Dr Adnan Khan	Comments
5	Ziaullah VS SBBU	Dr Adnan Khan	Service matter
6	Muhammad Mukhtair VS SBBU	Dr Adnan Khan	*****

22.2 Supreme Court of Pakistan (By the University)

Table 22.1: Supreme Court Cases

S.No	Case Title	Advocate/Counsel	Nature of Case
1	Sher Ali VS Govt	Mr. Haziq Ali Shah	CP
2	Imran & 11 others VS SBBU	Mr. Haziq Ali Shah	CP
3	Abdullah VS Govt	Mr. Haziq Ali Shah	CP
5	Liaqat Ali Khan VS Govt	Mr. Haziq Ali Shah	CP
6	Aftab Ahmad VS Govt	Mr. Haziq Ali Shah	CP
7	Inam Ullah VS Govt	Mr. Haziq Ali Shah	CP
8	Junaid Iqbal VS Govt	Mr. Haziq Ali Shah	CP
9	Asif Khan VS Govt	Mr. Haziq Ali Shah	CP
10	Muhammad Imran VS Govt	Mr. Haziq Ali Shah	CP
11	Sana Ullah VS Govt	Mr. Haziq Ali Shah	CP
12	Navid Ullah VS Govt	Mr. Haziq Ali Shah	CP
13	Muhammad Ayaz VS Govt	Mr. Haziq Ali Shah	CP
14	Izhar Ul Haq VS Govt	Mr. Haziq Ali Shah	CP
15	Hamad Azam VS Govt	Mr. Haziq Ali Shah	CP
16	Ibrahim Jan VS SBBU	Mr. Haziq Ali Shah	CP